



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
400 HIGH POINT DRIVE, SUITE 600
COCOA, FLORIDA 32926

REPLY TO
ATTENTION OF

May 10, 2023

Regulatory Division
Cocoa Section
SAJ-2020-00295 (LOP-BAW)

John R. Andrews, III
City of Fort Pierce
PO Box 1480
Fort Pierce, FL 34954

Dear Mr. Andrews:

This is in reference to your request for a Department of the Army (DA) permit to perform work in or affecting waters of the United States. If you determine the permit provided is acceptable in its entirety and you have chosen to proceed with the authorized activity, then upon recommendation of the Chief of Engineers, pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) you are authorized under a Letter of Permission to construct the following structures over Section 10 Waters of the U.S. (WOTUS):

- 1) Replacement of 614 sq. ft. of fixed frame timber access docks at Fort Pierce's Jaycee Park boat ramp with three new concrete floating docks totalling 1623 sq. ft.,
- 2) Installation of 12 anchor pilings via jetting or driving,
- 3) Installation and maintenance of turbidity control measures around the activity area during construction,

The project site is located at 1415 S. Ocean Dr., Fort Pierce, in Section 12, Township 35 South and Range 40 East, St. Lucie County, Florida.
Latitude 27.45218°, Longitude -80.28953°.

The project must be completed in accordance with the enclosed construction drawings, and the general and special conditions which are incorporated in, and made a part of, the permit.

The following project-specific conditions are included with this authorization:

1. **Reporting Address:** All reports, documentation and correspondence required by the conditions of this permit shall be submitted to the following address (email preferred). The Permittee shall reference this permit number, SAJ-2020-00295 (LOP-BAW), on all submittals. Please submit either via standard mail or email (not both).

- a. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Special Projects and Enforcement Branch, PO Box 4970, Jacksonville, Florida 32232.
- b. For electronic mail: SAJ-RD-Enforcement@usace.army.mil (not to exceed 15 MB).

2. **Commencement Notification:** Within 10 days from the date of initiating the work authorized by this permit, the Permittee shall provide to the Corps a written notification of the date of commencement of work authorized by this permit.

3. **As-Built Certification:** 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 Form to the Corps. The drawings shall be signed and sealed by a Florida registered professional engineer or a professional land surveyor registered in the state of Florida confirming the actual location of all authorized work/structures with respect to the Federal channel and 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 dimensions of the structure, 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 number.

4. 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 the proposed activities and construction work within the permit area, there are archaeological/cultural materials encountered which were not the subject of a previous cultural resources assessment survey (and which shall include, but not be limited to: pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with Native American cultures or early colonial or American settlement), the Permittee shall immediately stop all work and ground-disturbing activities within a 100-meter diameter of the discovery and notify the Corps within the same business day (8 hours). The Corps shall then notify the Florida State Historic Preservation Officer (SHPO) and the appropriate Tribal Historic Preservation Officer(s) (THPO(s)) to assess the significance of the discovery and devise appropriate actions.
- 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, THPO(s), 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 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 Archeologist within the same business day (8-hours). The Corps shall then notify the appropriate SHPO and THPO(s). 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 State Archeologist and from the Corps.

5. Turbidity/Erosion Control: Prior to the initiation of any work authorized by this permit, the Permittee shall install floating turbidity barriers with weighted skirts that extend to within one (1) foot of the bottom around all work areas that are in, or adjacent to, surface waters. Turbidity barriers shall be made of material which listed species cannot become entangled (i.e., reinforced impermeable polycarbonate vinyl fabric [PVC]), and shall be monitored to ensure listed species are not entangled or trapped in the project areas. The turbidity barriers shall remain in place and be maintained until the authorized work has been completed and all suspended and erodible materials have been stabilized. Turbidity barriers shall be removed upon stabilization of the work areas.

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. Protected Species – West Indian Manatee: The permittee shall comply with the “Standard Manatee Conditions for In-Water Work – 2011” designed to protect the endangered West Indian Manatee, provided as an attachment to this permit.

8. Educational Signs: signs must be posted in a visible location(s), alerting users of listed species in the area susceptible to vessel strikes and hook-and-line captures. The most current version of the signs that must be downloaded and sign installation guidance are available at:

(<https://www.fisheries.noaa.gov/southeast/consultations/protected-species-educational-signs>). The signs required to be posted by area are stated below:

- All projects in Florida shall use the Help Save Protected Marine Life sign featuring the Dolphin, Sea Turtle, Sawfish, and Manta Ray. These signs include contact information to the sea turtle and marine mammal stranding networks and smalltooth sawfish and manta ray encounter databases.
- Projects within the North Atlantic right whale educational sign zone shall post the Help Protect North Atlantic Right Whales sign.

9. **Monofilament Recycling Bins:** monofilament recycling bins must be provided at the docking facility to reduce the risk of turtle or sawfish entanglement in, or ingestion of, marine debris. Monofilament recycling bins must:

- Be constructed and labeled according to the instructions provided at <https://mrrp.myfwc.com/>
- Be maintained in working order and emptied frequently (according to <https://mrrp.myfwc.com> standards) so that they do not overflow.

10. **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 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.

11. **Regulatory Agency Changes:** Should any other regulatory agency require changes to the work authorized or obligated by this permit, the Permittee is advised that a modification to this permit instrument is required prior to initiation of those changes. It is the Permittee's responsibility to request a modification of this permit from the Cocoa Regulatory Office.

If the work authorized is not completed on or before **May 10, 2028**, authorization, if not previously revoked or specifically extended, shall cease and be null and void.

Instructions for Objecting to Permit Terms and Conditions: This letter contains an initial proffered permit for your proposed project/permit application. If you object to certain terms and conditions contained within the permit, you may request that the permit be modified. Enclosed you will find a Notification of Administrative Appeal Options and Process fact sheet and Request for Appeal (RFA) form. If you choose to object to certain terms and conditions of the permit, you must follow the directions provided in Section 1, Part A and submit the completed RFA form to the letterhead address.

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria under 33 CFR Part 331.5, and that it has been received by the District office within 60 days of the date of this letter.

Should you have any questions regarding this letter, please contact Brian West at the letterhead address, by telephone at 321-504-3771 ext. 0014, or by email at brian.a.west@usace.army.mil

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

John C. Palmer
Chief, Cocoa Section

For

James L. Booth
Colonel, U.S. Army
District Commander

cc: Nicholas Raines (Bolchoz Marine Advisors, Inc.)

GENERAL CONDITIONS
33 CFR PART 320-330

1. The time limit for completing the work authorized ends on the **dates identified in the letter.**
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 in the space provided and forward a copy of the permit 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. For your convenience, a copy of the certification is attached if it contains such conditions.
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.

COMMENCEMENT
NOTIFICATION

*Within 10 days of initiating the authorized work, submit this form 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, FL32232-0019.*

1. **Department of the Army Permit Number:** SAJ-2020-00295 (LOP-BAW)

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

Within sixty (60) days of completion of the authorized work, submit this form and one set of as-built engineering drawings via electronic mail to saj-rd-enforcement@usace.army.mil (preferred, but 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. If you have questions regarding this requirement, please contact the Enforcement Branch at 904-232-3697.

1. Department of the Army Permit Number: SAJ-2020-00295 (LOP-BAW)

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)

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

PERMIT NUMBER: SAJ-2020-00295 (LOP-BAW)

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 by electronic mail at saj-rd-enforcement@usace.army.mil.

(TRANSFEREE-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT)

(BLOCK)

(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

(CITY, STATE, ZIP CODE)

**NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND
REQUEST FOR APPEAL**

Applicant:	File Number: SAJ-2020-00295	Date:
Attached is:	See Section below	
X	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
	PERMIT DENIAL	C
	APPROVED JURISDICTIONAL DETERMINATION	D
	PRELIMINARY JURISDICTIONAL DETERMINATION	E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at http://www.usace.army.mil/CECW/Pages/reg_materials.aspx or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- *ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.*
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- *ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.*
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- *ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.*
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the

division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also, you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Brian West, Project Manager (321-504-3771, x0014)

If you only have questions regarding the appeal process you may also contact:

**Phillip A. Shannin
404-562-5137**

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number:

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 in Vero Beach (1-772-562-3909) for south Florida, and emailed 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 8½" 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 http://www.myfwc.com/WILDLIFEHABITATS/manatee_sign_vendors.htm. Questions concerning these signs can be forwarded 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

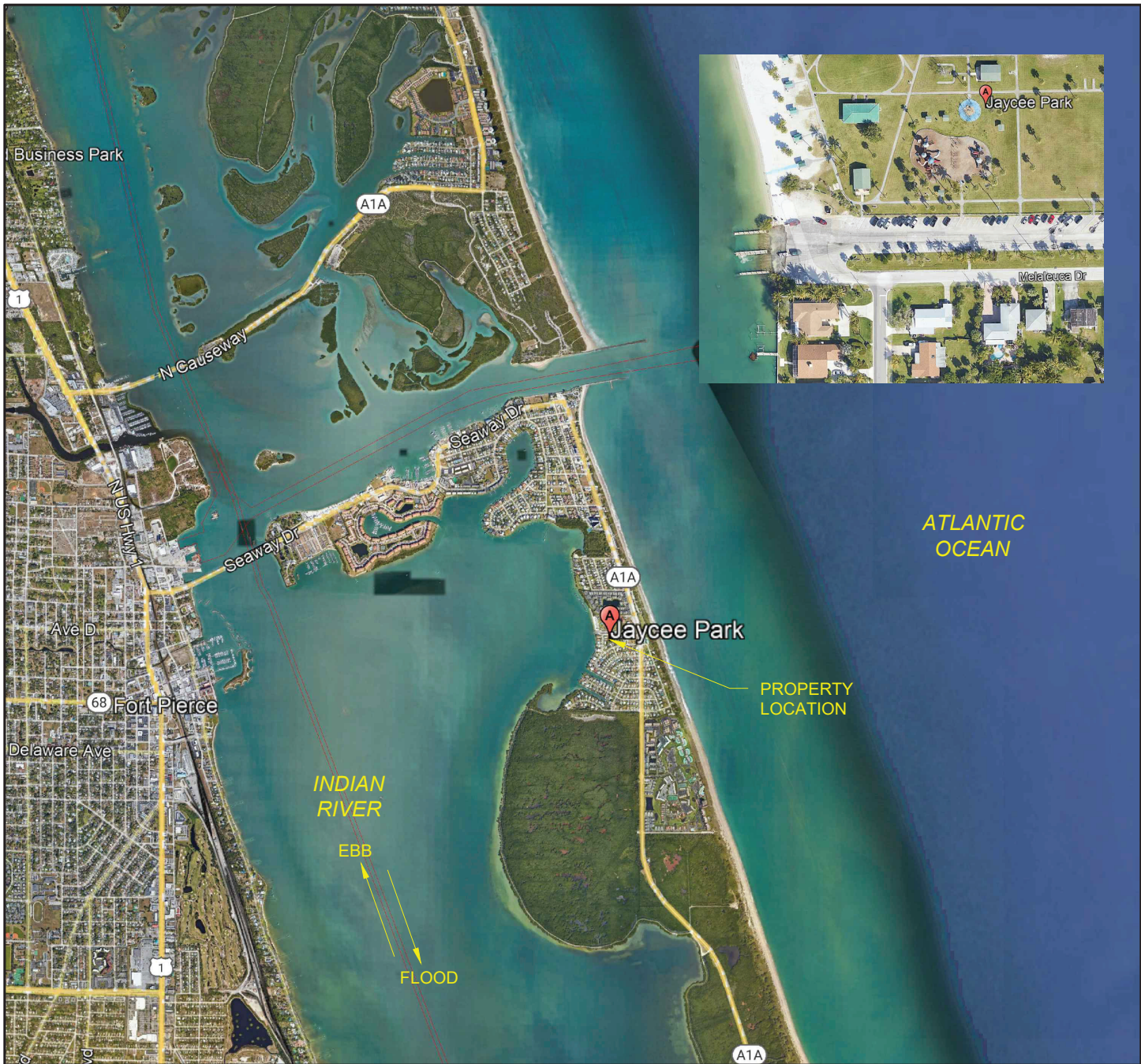
Report any collision with or injury to a manatee:



Wildlife Alert:

1-888-404-FWCC(3922)

cell *FWC or #FWC



NOTES:

1. PROPERTY LINES AND LAYOUT FEATURES SHOWN IN THESE PLANS ARE BASED ON INFORMATION TAKEN FROM FILE PROVIDED CITY OF FORT PIERCE DEPARTMENT OF ENGINEERING., DATED APRIL 13, 1975.
2. ELEVATIONS SHOWN ON UPLAND ARE REFERENCED TO NAVD88.
3. SCOPE OF WORK INCLUDES INSTALLATION OF CONCRETE ABUTMENTS, GANGWAYS, AND COURTESY FLOATING DOCKS AT EXISTING PUBLIC BOAT RAMP.
4. SEE SHEET 1 FOR LOCATION MAP, SHEET 2 FOR EXISTING CONDITIONS, SHEET 3 FOR PROPOSED LAYOUT PLAN, SHEET 4 CROSS SECTION A-A, SHEET 5 FOR CROSS SECTION B-B, AND SHEET 6 FOR SEAGRASS SURVEY.



PURPOSE: PRIVATE RECREATION

DATUM: NAVD88
APPLICATION BY: CITY OF FORT PIERCE

REV DATE: 2/6/2023
DATE: 2/6/2023

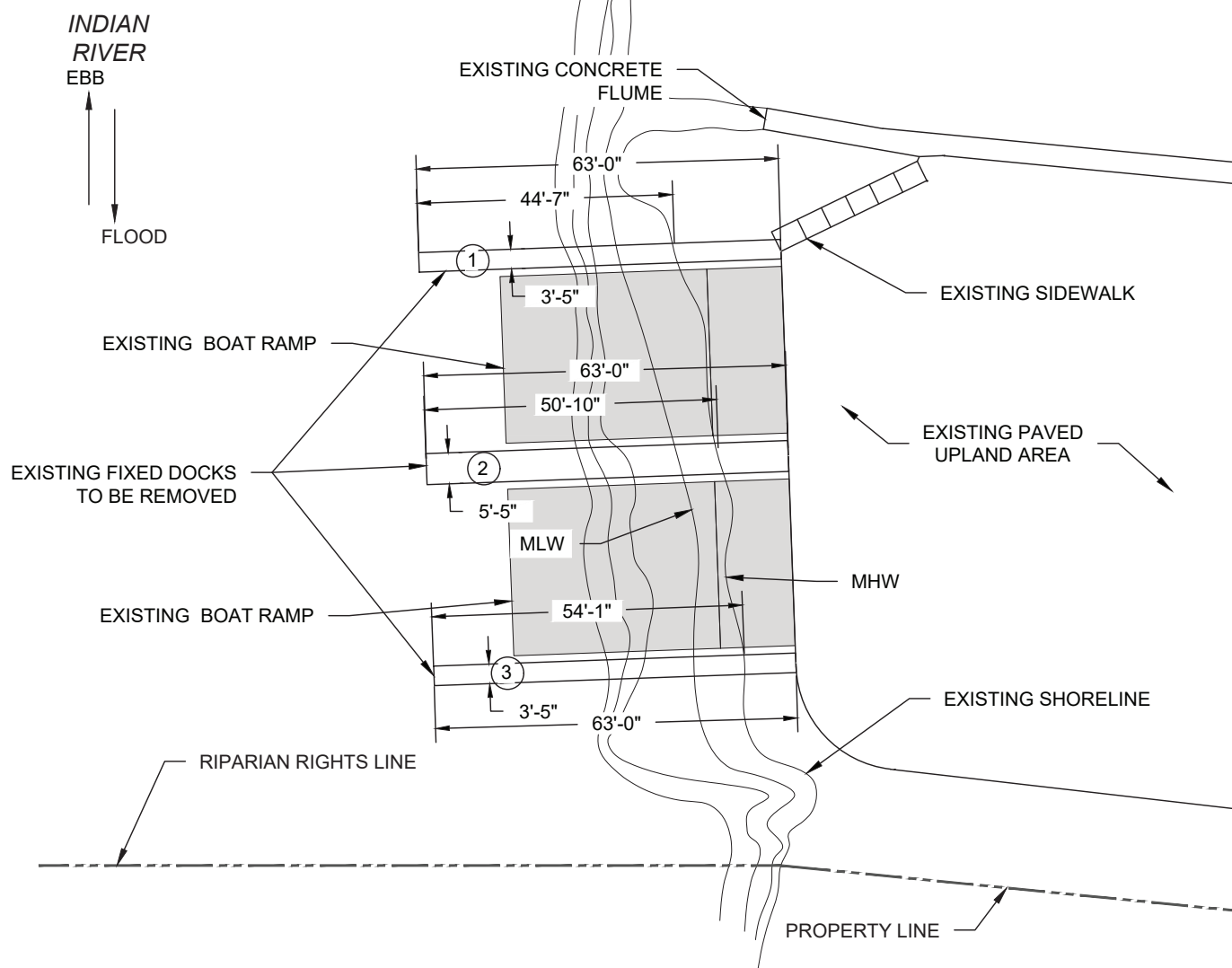
LOCATION MAP

CITY OF FORT PIERCE
1415 S OCEAN DR
FORT PIERCE, FLORIDA 34949

PROPOSED: DOCKS

AT: INDIAN RIVER
COUNTY OF: ST. LUCIE
SECTION: 12
TOWNSHIP: 35 SOUTH
RANGE: 40 EAST
STATE: FLORIDA

OVER WATER	SF
FIXED DOCK 1	152.5
FIXED DOCK 2	276.5
FIXED DOCK 3	185.0
TOTAL	614.0

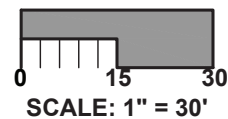


NOTES:

1. PROPERTY LINES AND LAYOUT FEATURES SHOWN IN THESE PLANS ARE BASED ON INFORMATION TAKEN FROM FILE PROVIDED CITY OF FORT PIERCE DEPARTMENT OF ENGINEERING., DATED APRIL 13, 1975.
2. ELEVATIONS SHOWN ON UPLAND ARE REFERENCED TO NAVD88.
3. SCOPE OF WORK INCLUDES INSTALLATION OF CONCRETE ABUTMENTS, GANGWAYS, AND COURTESY FLOATING DOCKS AT EXISTING PUBLIC BOAT RAMP.
4. SEE SHEET 1 FOR LOCATION MAP, SHEET 2 FOR EXISTING CONDITIONS, SHEET 3 FOR PROPOSED LAYOUT PLAN, SHEET 4 CROSS SECTION A-A, SHEET 5 FOR CROSS SECTION B-B, AND SHEET 6 FOR SEAGRASS SURVEY.



NORTH



PURPOSE: PRIVATE RECREATION

DATUM: NAVD88
APPLICATION BY: CITY OF FORT PIERCE

REV DATE: 2/6/2023
DATE: 2/6/2023

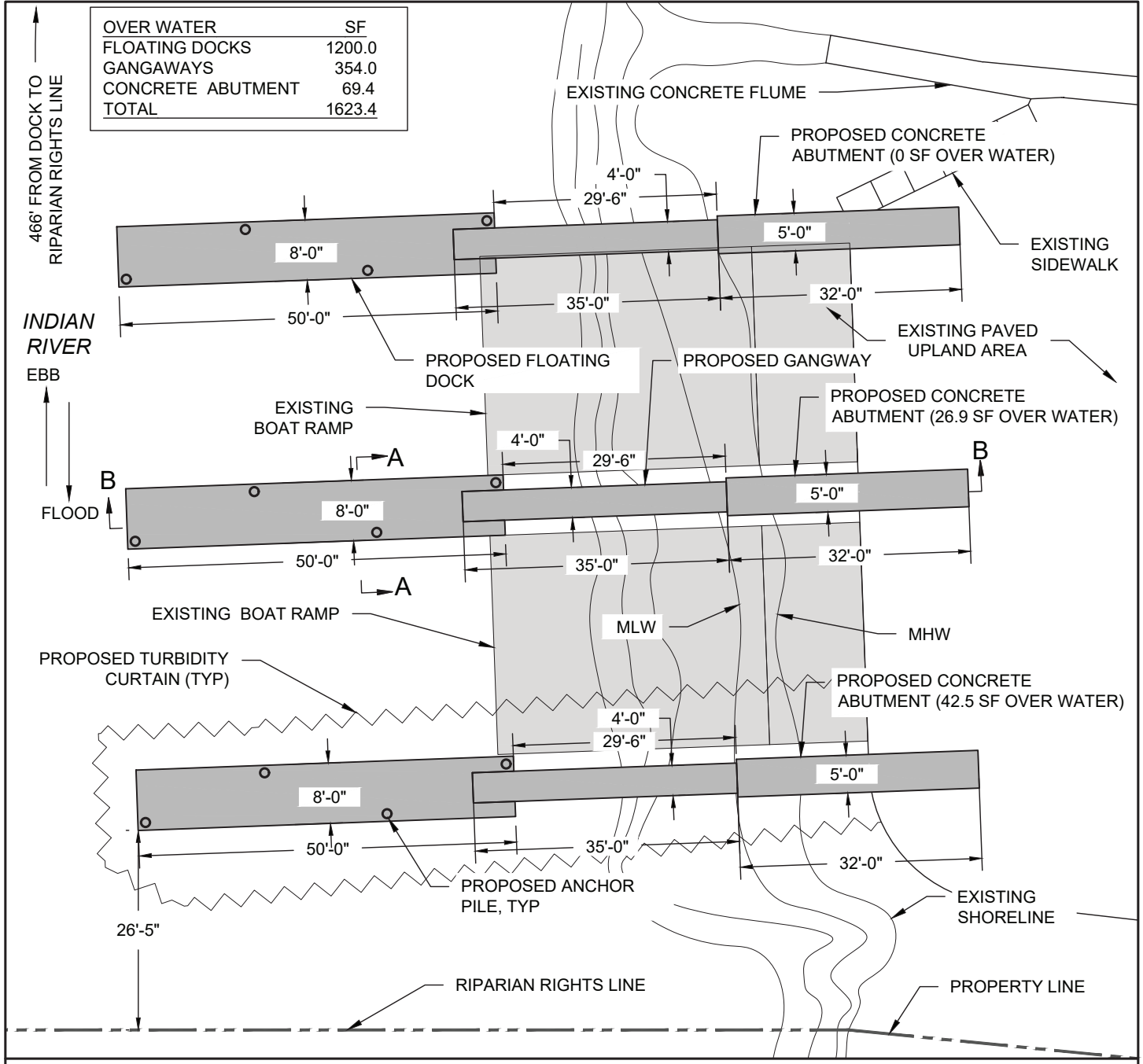
EXISTING CONDITIONS

CITY OF FORT PIERCE
1415 S OCEAN DR
FORT PIERCE, FLORIDA 34949

PROPOSED: DOCKS

AT: INDIAN RIVER
COUNTY OF: ST. LUCIE
SECTION: 12
TOWNSHIP: 35 SOUTH
RANGE: 40 EAST
STATE: FLORIDA

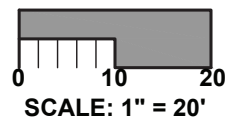
OVER WATER	SF
FLOATING DOCKS	1200.0
GANGWAYS	354.0
CONCRETE ABUTMENT	69.4
TOTAL	1623.4



- NOTES:
1. PROPERTY LINES AND LAYOUT FEATURES SHOWN IN THESE PLANS ARE BASED ON INFORMATION TAKEN FROM FILE PROVIDED CITY OF FORT PIERCE DEPARTMENT OF ENGINEERING., DATED APRIL 13, 1975.
 2. ELEVATIONS SHOWN ON UPLAND ARE REFERENCED TO NAVD88.
 3. SCOPE OF WORK INCLUDES INSTALLATION OF CONCRETE ABUTMENTS, GANGWAYS, AND COURTESY FLOATING DOCKS AT EXISTING PUBLIC BOAT RAMP.
 4. SEE SHEET 1 FOR LOCATION MAP, SHEET 2 FOR EXISTING CONDITIONS, SHEET 3 FOR PROPOSED LAYOUT PLAN, SHEET 4 CROSS SECTION A-A, SHEET 5 FOR CROSS SECTION B-B, AND SHEET 6 FOR SEAGRASS SURVEY.



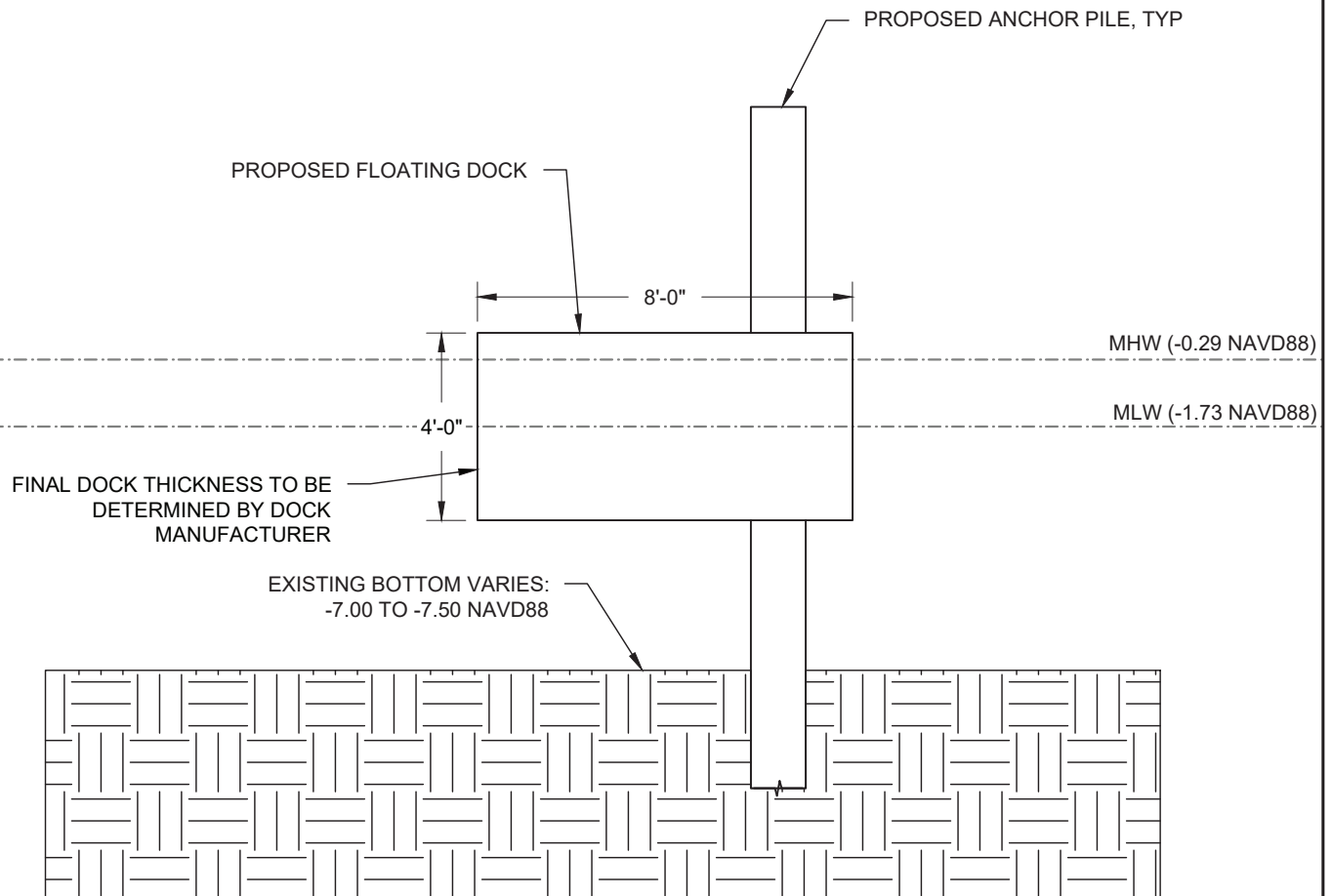
NORTH



PURPOSE: PRIVATE RECREATION
 DATUM: NAVD88
 APPLICATION BY: CITY OF FORT PIERCE
 REV DATE: 2/6/2023
 DATE: 2/6/2023

PROPOSED LAYOUT PLAN
 CITY OF FORT PIERCE
 1415 S OCEAN DR
 FORT PIERCE, FLORIDA 34949

PROPOSED: DOCKS
 AT: INDIAN RIVER
 COUNTY OF: ST. LUCIE
 SECTION: 12
 TOWNSHIP: 35 SOUTH
 RANGE: 40 EAST
 STATE: FLORIDA
 SHEET 3



CROSS SECTION A-A
SCALE: 1" = 4'

NOTES:

1. PROPERTY LINES AND LAYOUT FEATURES SHOWN IN THESE PLANS ARE BASED ON INFORMATION TAKEN FROM FILE PROVIDED CITY OF FORT PIERCE DEPARTMENT OF ENGINEERING., DATED APRIL 13, 1975.
2. ELEVATIONS SHOWN ON UPLAND ARE REFERENCED TO NAVD88.
3. SCOPE OF WORK INCLUDES INSTALLATION OF CONCRETE ABUTMENTS, GANGWAYS, AND COURTESY FLOATING DOCKS AT EXISTING PUBLIC BOAT RAMP.
4. SEE SHEET 1 FOR LOCATION MAP, SHEET 2 FOR EXISTING CONDITIONS, SHEET 3 FOR PROPOSED LAYOUT PLAN, SHEET 4 CROSS SECTION A-A, SHEET 5 FOR CROSS SECTION B-B, AND SHEET 6 FOR SEAGRASS SURVEY.

PURPOSE: PRIVATE RECREATION

DATUM: NAVD88
APPLICATION BY: CITY OF FORT PIERCE

DATE: 2/6/2023

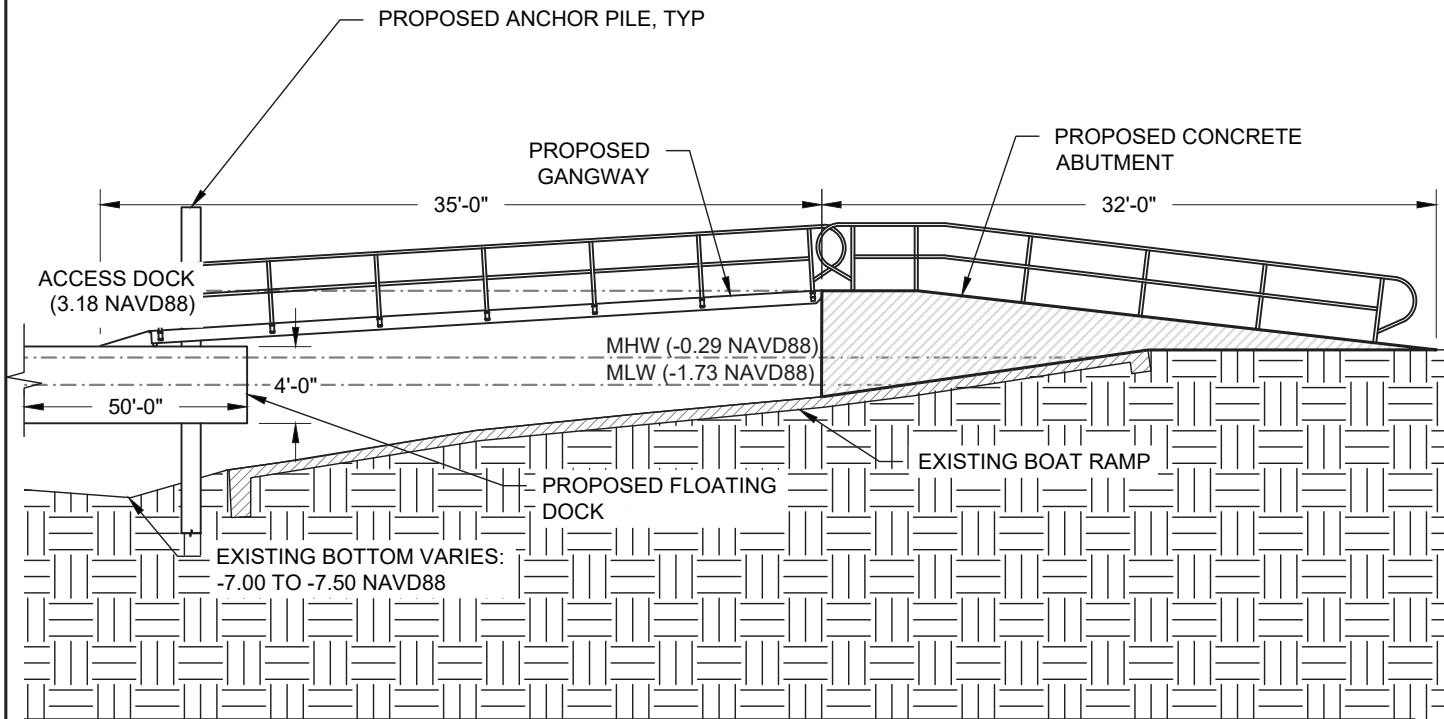
CROSS SECTION A-A

CITY OF FORT PIERCE
1415 S OCEAN DR
FORT PIERCE, FLORIDA 34949

PROPOSED: DOCKS

AT: INDIAN RIVER
COUNTY OF: ST. LUCIE
SECTION: 12
TOWNSHIP: 35 SOUTH
RANGE: 40 EAST
STATE: FLORIDA

SHEET 4



CROSS SECTION B-B
SCALE: 1" = 10'

NOTES:

1. PROPERTY LINES AND LAYOUT FEATURES SHOWN IN THESE PLANS ARE BASED ON INFORMATION TAKEN FROM FILE PROVIDED CITY OF FORT PIERCE DEPARTMENT OF ENGINEERING., DATED APRIL 13, 1975.
2. ELEVATIONS SHOWN ON UPLAND ARE REFERENCED TO NAVD88.
3. SCOPE OF WORK INCLUDES INSTALLATION OF CONCRETE ABUTMENTS, GANGWAYS, AND COURTESY FLOATING DOCKS AT EXISTING PUBLIC BOAT RAMP.
4. SEE SHEET 1 FOR LOCATION MAP, SHEET 2 FOR EXISTING CONDITIONS, SHEET 3 FOR PROPOSED LAYOUT PLAN, SHEET 4 CROSS SECTION A-A, SHEET 5 FOR CROSS SECTION B-B, AND SHEET 6 FOR SEAGRASS SURVEY.

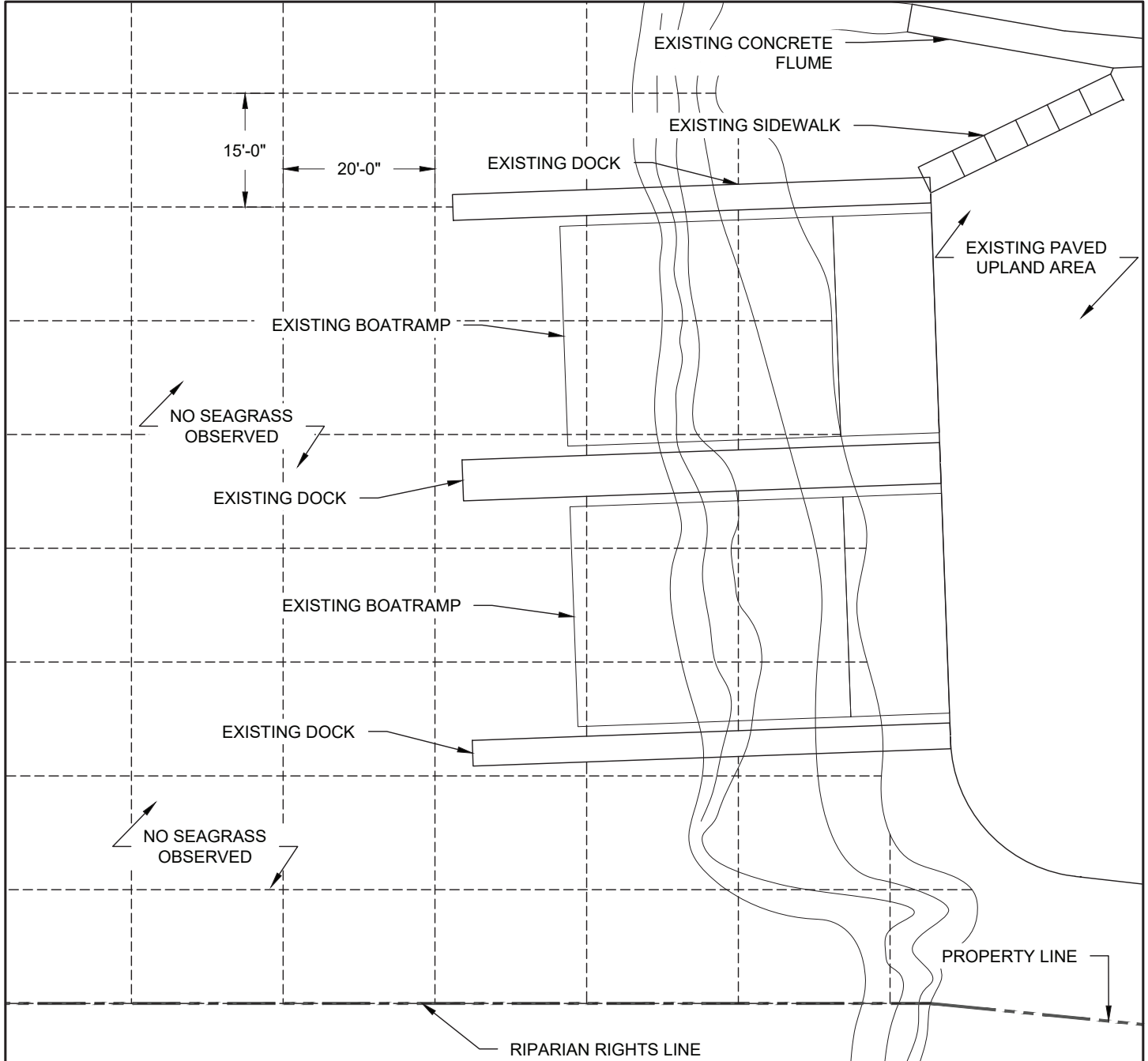
PURPOSE: PRIVATE RECREATION
 DATUM: NAVD88
 APPLICATION BY: CITY OF FORT PIERCE

CROSS SECTION B-B

CITY OF FORT PIERCE
 1415 S OCEAN DR
 FORT PIERCE, FLORIDA 34949

PROPOSED: DOCKS
 AT: INDIAN RIVER
 COUNTY OF: ST. LUCIE
 SECTION: 12
 TOWNSHIP: 35 SOUTH
 RANGE: 40 EAST
 STATE: FLORIDA

DATE: 2/6/2023

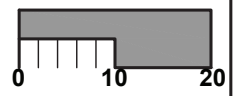


SEAGRASS NOTES:

1. SURVEY CONDUCTED ON 6/06/2022 AT 11:00 A.M.
2. TRANSECTS: OBSERVED BY DIVER.
3. SEDIMENT: WHITE SANDY BOTTOM
4. TURBIDITY: 2 FT VISIBILITY
5. COVERAGE: 0%
6. DENSITY: 0%
7. NO SEAGRASS OBSERVED



NORTH



SCALE: 1" = 20'

PURPOSE: PRIVATE RECREATION
 DATUM: NAVD88
 APPLICATION BY: CITY OF FORT PIERCE

SEAGRASS SURVEY

CITY OF FORT PIERCE
 1415 S OCEAN DR
 FORT PIERCE, FLORIDA 34949

PROPOSED: DOCKS
 AT: INDIAN RIVER
 COUNTY OF: ST. LUCIE
 SECTION: 12
 TOWNSHIP: 35 SOUTH
 RANGE: 40 EAST
 STATE: FLORIDA

DATE: 2/6/2023

SHEET 6