



St. Johns River Water Management District

Michael A. Register, P.E., Executive Director

4049 Reid Street • P.O. Box 1429 • Palatka, FL 32178-1429 • 386-329-4500 • www.sjrwmd.com

DATE: May 22, 2024
TO: Prospective Respondents
FROM: Mark Morris, Associate Procurement Specialist
SUBJECT: Addendum 4 to Invitation for Bids 39428 Apopka Marsh Flow-Way Gated Culvert Structure (C-2-C And C-2-D) Slip Lining

As a result of questions received during the Non-Mandatory Pre-Bid Meeting held on Monday, April 22 2024, as well as additional questions received after the meeting, the following clarifications/changes are provided for your information. Please make all appropriate changes to your solicitation documents. Please note, the bid opening date has been extended to May 29, 2024.

Q1: For the handrails, will we keep the same? Paint the existing handrails?

A1: Yes, the handrails and walkway will be kept the same. Refer to the Plans for additional information about painting and maintenance for the existing handrails and walkway.

Q2: Will there be a storage location for the gates once they are pulled or will that be the Contractor's responsibility?

A2: It will be the Contractor's responsibility, however, there are areas onsite that can be used for staging.

Q3: Will sod be required?

A3: Seed will be required according to the proposed plans and must be included in the total cost. Refer to the proposed plans for additional information on when seed mix and/or sod may be required.

Q4: Would you consider using a cofferdam and shoring approach for each side, since there is not much room? Is this an option?

A4: Yes, refer to Attachment D: Apopka MFW C-2-C & C-2-D Addendum #4 plans for additional information. Optional cofferdams were added to the plans. Refer to Attachment E for a copy of the FDEP General Permit Exemption which includes the installation of the cofferdams. Two (2) additional alternative installation methods have also been added to the proposed plans.

Q5: Could soil be excavated during construction and used to build berms at the ends of the pipes in the water?

A5: No fill is allowed to be placed within the existing waterway.

Q6: The fused HDPE pipe will need to be staged east of the culvert within the marsh area to allow the pipe to be dragged into the existing pipe during sliplining?

A6: No pipes and/or equipment are allowed within the marsh area of Cell C2.

Q7: Would it be acceptable to propose an alternative where the existing pipe is removed and a new pipe is installed? (open cut)

A7: Yes, refer to Attachment G: Apopka MFW C-2-C & C-2-D Addendum #4 plans for additional information and Attachment I: Lake Apopka Marsh Flow-Way Project Phase 1 Plans, Sheets 1,11,12, and 41 (Information purposes only), which has been added to provide details about the original construction of the existing levee. The Confidentiality Agreement found at Attachment F-1 shall be signed and returned to Wendy Cox, Procurement Director, wcox@sjrwmd.com prior to these documents being released to prospective respondents.

Q8: Can 42" Vylon® PS 46 Slipliner Pipe per ASTM F1803 be allowed as an alternate to 42" DR32.5 HDPE liner?

A8: Yes, this pipe material has been added as an alternative to HDPE. Refer to Attachment G: Apopka MFW C-2-C & C-2-D Addendum #4 plans for details.

Q9: In the past, the Water Management Districts have shown a preference toward Slip Lining, as specified here. I have understood the basis of that preference to be the fact that this method uniquely does not require the water diversion, water stoppage, plugging, damming, dewatering, or bypassing that other methods require. That has been true until quite recently. Recently, a truly styrene-free CIPP product was installed and successfully cured in a fishery, under flow, and underwater (submerged). I have attached photos and the Product Data. Using this product would save some capacity that could be valuable in a storm event, while serving as a Structurally Independent, New Pipe with a Lifespan of 50 years as a Standalone Pipe. The disadvantages of CIIPP and SIPP have always been the need for dewatering in cases like this where dewatering is not ideal or maybe even not acceptable at all. This advancement in technology allows CIPP to become a viable solution here. I have attached photos and Data Sheets for your reference.

A9: Yes, underwater CIPP has been added as an alternative to sliplining on this project. Refer to Attachment G: Apopka MFW C-2-C & C-2-D Addendum #4 plans for details.

Q10: Will the owner please review and accept Quadex GeoKrete Spray-Applied Lining System as an approved equal to Slip-Line Rehabilitation?

A10: No, Spray-Applied Geopolymer Lining System (featuring Quadex GeoKrete) may not be used on this project.

Q11: The spec calls for 3 coats of Duraplate 235. This is an epoxy. It will chalk and fade in a few months after install from UV. Would you accept 2 coats of the DP 235 and then a topcoat of Urethane to give better UV protection?

A11: The District will accept the manufacturer's recommended systems for the existing materials to be painted. The existing railings and walkways are steel. The following specified paint, or equivalent, is allowed: 1 coat Dura-Plate 235; 2 coats Hi-Solids Polyurethane.

Q12: The scope says to install 42” O.D HDPE DR 32.5 solid wall pipe, checking if the Owner/Engineer meant 42” I.D? Could the Owner/Engineer please approve the spin casting/spray-applied lining method as an alternative to Sliplining?

A12: 1. No, 42” dia. OD. is correct.

2. No, spin casting/spray-applied lining method may not be used as an alternative to sliplining on this project.

Q13: Can you please provide the liquidated damages amount for this project?

A13: The following paragraph has been added to the Draft Agreement as Paragraph 43:

43. LIQUIDATED DAMAGES

(a) If Contractor neglects, fails, or refuses to satisfactorily complete the Work by the Completion Date, Contractor shall, as a part of the consideration for this Agreement, pay the District the amount stipulated herein, not as a penalty, but as liquidated damages for such breach, for each day Contractor is in default thereafter. This amount is fixed and agreed upon between the parties due to the impracticability and extreme difficulty of ascertaining the actual damages the District would sustain in such event. The amount of liquidated damages shall be one half of one percent (.5%) of the total contract amount per day. Liquidated damages shall be deducted from payments as they become due and may be deducted from the retainage due upon completion. They constitute an agreed-upon liquidated sum solely for consequential damages attributable to delay and are not a substitute for any other consequential damages incurred by the District, such as the cost of finding a replacement Contractor for completion of the Work if this Agreement is terminated by the District for non-performance.

The following documents are provided through this addendum:

- ATTACHMENT A-1 REVISED COST SCHEDULE: This form shall be used to submit a response to the above referenced solicitation. The previous cost schedule provided in the original solicitation is null and void.
- ATTACHMENT A-2 REVISED STATEMENT OF WORK/TECHNICAL SPECIFICATIONS: The previous statement of work provided in the original solicitation is null and void.
- ATTACHMENT E – FDEP GENERAL PERMIT EXEMPTION LETTER
- ATTACHMENT F-1 – REVISED NON-DISCLOSURE AGREEMENT
- ATTACHMENT G – APOPKA MFW C-2-C & C-2-D ADDENDUM #4 PLANS PREPARED BY THE DISTRICT, DATED 05/21/24. *
- ATTACHMENT H – TOPOGRAPHIC & BATHOMETRIC SURVEY BY THE DISTRICT, DATED 02/23/23 (INCLUDED WITHIN THE ADDENDUM #4 PLAN SET) *
- ATTACHMENT I – LAKE APOPKA MARSH FLOW-WAY PROJECT PHASE 1, SHEETS 1, 11, 12, 41 (INFORMATIONAL PURPOSES ONLY) *

- ATTACHMENT J – LAKE APOPKA MARSH FLOW-WAY STRUCTURE EVALUATION FOR STRUCTURE C-2-C, INSPECTION DATE: 1/18/22, PREPARED BY UNDERWATER ENGINEERING SERVICES, INC. (INFORMATIONAL PURPOSES ONLY) *
- ATTACHMENT K – LAKE APOPKA MARSH FLOW-WAY STRUCTURE EVALUATION FOR STRUCTURE C-2-D, INSPECTION DATE: 1/18/22, PREPARED BY UNDERWATER ENGINEERING SERVICES, INC. (INFORMATIONAL PURPOSES ONLY) *

* To receive these documents, the attached (REVISED) NON-DISCLOSURE AGREEMENT must be signed, dated and returned to me or Wendy Cox.

Please acknowledge receipt of this Addendum on the **Bid Form** provided in the bid package.

If you have any questions, please e-mail me at mmorris@sjrwm.com or Wendy Cox at wcox@sjrwm.com.

ATTACHMENT A-1 - REVISED COST SCHEDULE

REVISED COST SCHEDULE

Include this form in the Response

Bid to be opened at 2:00 pm, May 29, 2024

To: ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

In accordance with the advertisement requesting bids for the Apopka Marsh Flow-Way Culvert Rehabilitation project, subject to the terms and conditions of the Agreement, the undersigned proposes to perform the Work for the costs contained in the following schedule (fill in all blanks). The Agreement will be awarded to the lowest responsive and responsible Respondent for the Total Cost (also known as the "Total Bid Cost").

Respondents are reminded to refer to "PREPARATION AND ORGANIZATION OF BID DOCUMENTS" for information to be included with the bid package.

Respondents shall select ONLY ONE of the three options below and complete and submit the corresponding Cost Schedule (Option 1 OR Option 2 OR Option 3) provided below.

- Option 1 Cost Schedule: Slip Lining Alternatives:**
1. **Select ONE sliplining pipe material.**
 DR 32.5 HDPE, OR
 42" Vylon PS 46 Slipliner Pipe, or equivalent
 2. **Select if Grout to be installed underwater OR in the dry.**
 Underwater, OR
 In the Dry (Bid Cost includes Cofferdam installation.)

TOTAL BID COST \$ _____
(provide Itemized Cost Schedule on form provided and include with response)

OR

- Option 2 Cost Schedule: Open Cut & Replace Existing Culverts**
TOTAL BID COST: _____
(provide Itemized Cost Schedule on form provided and include with response)

OR

- Option 3 Cost Schedule: Underwater Cured-In-Place-Pipe (CIPP)**
TOTAL BID COST: _____
(provide Itemized Cost Schedule on form provided and include with response)

OPTION 1 COST SCHEDULE – SLIP LINING

**BID 39428 - APOPKA MARSH FLOW-WAY GATED CULVERT STRUCTURE
(C-2-C AND C-2-D) SLIP LINING**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	1	LS*	\$	\$
2	EROSION/SEDIMENT CONTROL	1	LS	\$	\$
3	REMOVAL OF SEDIMENT AND DEBRIS FROM EXISTING CULVERTS	194	LF**	\$	\$
4	ALLIGATOR TRAPPER SERVICES CERTIFIED BY FWC	1	LS	\$	\$
5	PRE-CONSTRUCTION INSPECTION VIDEO	1	LS	\$	\$
6	POST-CONSTRUCTION INSPECTION VIDEO	1	LS	\$	\$
7	LINER PIPE (MATERIAL: _____)	194	LF	\$	\$
8	SLIP LINING OF 2 - 54" CAP INCLUDING COST OF GROUT	194	LF	\$	\$
9A	OPTIONAL: COFFERDAM	1	LS	\$	\$
9B	OPTIONAL: CONCRETE BULKHEADS MADE OF STRUCTURAL CONCRETE UNDERWATER HAND PACK BY FIVE STAR MARINE, OR EQUIVALENT	1	LS	\$	\$
10	FIT GATES TO SLIP LINED PIPES	1	LS	\$	\$
11	BLAST AND DISPOSE OF EXISTING PAINT CHIPS/DEBRIS	1	LS	\$	\$
12	PAINT WALKWAYS AND RAILINGS	1	LS	\$	\$
13	AS-BUILT SURVEY	1	LS	\$	\$
14	SITE CLEANUP AND DEMOBILIZATION	1	LS	\$	\$
	TOTAL BID COST			\$	\$

*LS = Lump Sum

**LF = Linear Foot

OPTION 2 COST SCHEDULE – OPEN CUT AND REPLACEMENT OF EXISTING CULVERTS

**BID 39428 - APOPKA MARSH FLOW-WAY GATED CULVERT STRUCTURE
(C-2-C AND C-2-D)**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	1	LS*	\$	\$
2	EROSION/SEDIMENT CONTROL	1	LS	\$	\$
3	ALLIGATOR TRAPPER SERVICES CERTIFIED BY FWC	1	LS	\$	\$
4	COFFERDAM	1	LS	\$	\$
5	PRE-CONSTRUCTION INSPECTION VIDEO	1	LS	\$	\$
6	POST-CONSTRUCTION INSPECTION VIDEO	1	LS	\$	\$
7	54" 12 GUAGE CORRUGATED ALUMINUM PIPE	194	LF	\$	\$
8	REPLACEMENT OF 2 - 54" CAP	1	LS	\$	\$
9	EXCAVATION, FILL, AND COMPACTION TESTING	1	LS	\$	\$
10	BLAST AND DISPOSE OF EXISTING PAINT CHIPS/DEBRIS	1	LS	\$	\$
11	PAINT WALKWAYS AND RAILINGS	1	LS	\$	\$
12	FIT GATES TO PIPES	1	LS	\$	\$
13	AS-BUILT SURVEY	1	LS	\$	\$
14	SITE CLEANUP AND DEMOBILIZATION	1	LS	\$	\$
	TOTAL BID COST				\$

*LS = Lump Sum

**LF = Linear Foot

**OPTION 3 COST SCHEDULE – UNDERWATER CURED-IN-PLACE-PIPE (CIPP) LINING OF
EXISTING CULVERTS**

**BID 39428 - APOPKA MARSH FLOW-WAY GATED CULVERT STRUCTURE
(C-2-C AND C-2-D)**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	MOBILIZATION	1	LS*	\$	\$
2	EROSION/SEDIMENT CONTROL	1	LS	\$	\$
3	REMOVAL OF SEDIMENT AND DEBRIS FROM EXISTING CULVERTS	194	LF**	\$	\$
4	PRE-CONSTRUCTION INSPECTION VIDEO	1	LS	\$	\$
5	POST-CONSTRUCTION INSPECTION VIDEO	1	LS	\$	\$
6	CIPP LINING OF 2 - 54" CAP CULVERTS	194	LF	\$	\$
7	BLAST AND DISPOSE OF EXISTING PAINT CHIPS/DEBRIS	1	LS	\$	\$
8	PAINT WALKWAYS AND RAILINGS	1	LS	\$	\$
9	FIT GATES TO PIPES	1	LS	\$	\$
10	AS-BUILT SURVEY	1	LS	\$	\$
11	SITE CLEANUP AND DEMOBILIZATION	1	LS	\$	\$
	TOTAL BID COST				\$

***LS = Lump Sum**
****LF = Linear Foot**

I HEREBY ACKNOWLEDGE, as Respondent's authorized representative, that I have fully read and understand all terms and conditions as set forth in this bid and upon award of such bid, shall fully comply with such terms and conditions.

 Respondent (firm name) _____
 Date

 Address

 E-mail address

 Signature _____
 Telephone number

 Typed name and title

ATTACHMENT A-2 – REVISED STATEMENT OF WORK/TECHNICAL SPECIFICATIONS

STATEMENT OF WORK APOPKA MARSH FLOW-WAY GATED CULVERT STRUCTURE (C-2-C AND C-2-D) SLIP LINING

I. INTRODUCTION BACKGROUND

The Lake Apopka Marsh Flow-Way is a constructed wetland located along the northwest shore of Lake Apopka and west of the Apopka-Beauclair Canal. Its purpose is to filter algae, suspended sediments, and associated nutrients from Lake Apopka's water, hastening the recovery of water clear enough to support submerged vegetation on the lake's bottom. The system covers approximately 760 acres and contains four individual wetland cells (B-1, B-2, C-1, and C-2), in addition to levees, canals and ditches. Lake water flows by gravity from west to east through an individual cell before it is collected in the pump basin and lifted back up to the Apopka-Beauclair Canal. Most of the cleaner, treated water returns to Lake Apopka, while the remainder flows downstream toward Lake County Water Authority's nutrient removal facility (NuRF) and Lake Beauclair.

This Statement of Work includes rehabilitating two (2) 54-inch culverts located between Cells C-1 and C-2, by sliplining, in addition to painting and maintenance of existing handrails and walkways. There are two (2) acceptable alternative culvert repair methods included within the plans which are Open Cut and Replacement of the existing culverts and Cured-In-Place-Pipe (CIPP) Lining of the existing culverts.

II. OBJECTIVE

Rehabilitate the following two (2) culverts to correct culvert leakage by sliplining using a continuous high-density polyethylene (HDPE) pipe culvert sleeve inserted into existing culvert with a low-density cellular grouting application, or alternative method.

C-2-C is a gated culvert comprised of one barrel, extending east (gated end) to west from Feeder Channel F4 to Interior Collector Ditch under an existing levee within Cell C2. The barrel of C-2-C is a corrugated aluminum pipe (CAP), 54 inches diameter by 97 feet long. There are two (2) concrete headwalls, a steel platform walkway, and steel handrailing on the eastern side of the culvert. There are two (2) concrete headwalls on the western side of the culvert. Refer to Exhibit 1 for an aerial view of this culvert.

C-2-D is a gated culvert comprised of one barrel, extending east (gated end) to west from Feeder Channel F4 to Interior Collector Ditch under an existing levee within Cell C2. The barrel of C-2-D is a corrugated aluminum pipe (CAP), 54 inches diameter by 97 feet long. There are two (2) concrete headwalls, a steel platform walkway with a step, and steel handrailing on the eastern side of the culvert. There are two (2) concrete headwalls on the western side of the culvert. Refer to Attachment D: Apopka MFW C-2-C & C-2-D Addendum #4 plans for an aerial view of this culvert.

In addition, the Contractor shall repair and repaint the existing walkway and railings.

III. SCOPE

Contractor shall provide all materials, labor, and equipment necessary for rehabilitating the culverts as described in this Statement of Work and as detailed in the Contract Drawings. Generally, the scope shall include mobilization/demobilization, labor, equipment, transportation, cleaning of existing pipes and

installation/grouting of the pipe sleeve. Contractor shall install a pipe sleeve into two existing 97-foot x 54-inch corrugated aluminum culverts. The Contractor may choose one of the alternative pipe materials listed in the Exhibit 1.

In addition, the Contractor shall reinstall existing gates and repair gate brackets as necessary to ensure a tight seal and continued operation of the gates. Contractor shall also repair and repaint the existing walkway and railings. Contractor shall specify the methodology and details of the process to be used to accomplish the work and submit material data sheets to the District Project Manager for review and approval.

DISTRICT RESPONSIBILITIES

- a. Provide Contractor with access to the site.
- b. Participate in preconstruction meeting.
- c. Coordinate with Contractor in advising the local Florida Fish & Wildlife Conservation Commission (FWC) for any problems with nuisance animals, snakes and pests that may interfere with the project.
- d. Review submittals within 10 business days.
- e. Conduct final walk-through with Contractor prepare a substantial completion list, and final completion approval.

CONTRACTOR RESPONSIBILITIES

- a. Schedule a preconstruction meeting with District staff and submit a construction schedule at least five days before the meeting.
- b. Contractor shall include a reasonable amount of rain delays in the construction schedule and ensure adequate personnel and equipment are available to comply with the timeframes stated in Section VI of this contract.
- c. No hunting, fishing, firearms, alcohol, or illegal drugs are allowed on the job site, except as authorized by law.
- d. Contractor is responsible for contacting the District and the local FWC should any problem arise with nuisance animals.
- e. Contractor shall provide alligator trapper services certified by FWC whenever any Contractor staff and/or sub-contractor staff enter the water.
- f. Contractor shall provide the District with 48-hours' notice prior to when the pipe liners will be installed in order to provide sufficient time for the District to schedule appropriate staff to observe the installation.
- g. The Lake Apopka North Shore, and therefore the work area, is open to the public for pedestrian and bicycle traffic and Contractor shall close all construction and storage areas to the public and provide all safety measures necessary for completing the project. This includes supplying and maintaining barricades and securing equipment and lay-down areas.
- h. Provide submittals to the District in a timely manner. Procure and provide any materials needed to complete the project as approved by the District. Contractor shall be responsible for any unused materials or additional costs incurred that Contractor orders, places or delivers prior to approval in writing by the District.

IV. TASKS

At a minimum, Contractor shall provide all material, labor, and equipment required to complete the following tasks:

1. Mobilization

- a. Prepare and submit the following:
 - i. Work plan
 - ii. Safety plan
 - iii. Construction schedule
- b. Mobilize all labor, equipment, and materials to the site.
- c. Establish and secure on-site material staging areas, as needed.
- d. Locate all utilities, including private lines, prior to digging, trenching, or excavation.
- e. Protect all utilities, existing structures, roads, benchmarks, monuments, and other improvements from damage whether or not shown on the drawings. Replacement cost for all damaged or disturbed items shall be borne by Contractor.
- f. Provide and maintain all safety measures necessary.
- g. Obtain all required permits not obtained by the District.
- h. Comply with the conditions contained in the following permit which was obtained by the District: FDEP General Permit Exemption.
- i. Contractor shall be responsible for the supply of electric power and water needed to complete the Work.
- j. Contractor shall be responsible for providing their own sanitary facilities and potable water supply.

2. Erosion and Sediment Control

Supply, install, and maintain all temporary erosion and sediment control measures (silt fence, turbidity barrier, temporary stabilization, etc.) as required for compliance with Federal, State, and local laws, rules, and regulations.

3. Slip Lining

C-2-C Contractor shall install a continuous length of HDPE pipelining sleeve (42" O.D. HDPE DR 32.5 solid wall pipe with heat fused joints) into a single 97-foot x 54- inch diameter existing corrugated metal culvert.

C-2-D Contractor shall install a continuous length of HDPE pipelining sleeve (42" O.D. HDPE DR 32.5 solid wall pipe with heat fused joints) into a single 97-foot x 54- inch diameter existing corrugated metal culvert.

Contractor may utilize 42" PVC (Vylon PS 46 Slipliner Pipe, or equivalent) as an alternative to the HDPE pipe liner. Refer to Exhibit 1 for additional information on acceptable pipe materials.

Contractor shall verify all lengths prior to beginning work. The cost shall cover mobilization/demobilization, labor, equipment, transportation, cleaning of existing pipes and installation/grouting of the HDPE (or alternative) pipe. In addition, Contractor shall retrofit existing gates to rehabilitated pipes, repair gate brackets as necessary to ensure a tight seal and continued operation of the gates. Detailed specifications for each task are provided in Exhibit 1.

- a. Clean and clear existing culverts to remove any debris.
- b. Dispose of debris in accordance with all applicable laws.
- c. Perform video inspection of the existing culverts, gates, and associated components.

- d. Unbolt gates and remove from existing culvert structures during the installation of the liner pipe.
- e. Install the liner into the two existing culverts.
- f. Contractor shall also provide the methodology and details on how it will accomplish grouting between the existing culvert and the pipe sleeve.
- g. Reinstall existing gates after slip lining is completed.
- h. Provide erosion and sediment control plan to protect waters from siltation and grout (i.e., installation of floating turbidity barriers/silt screens around the construction site, etc.)
- i. Maintain a clean and safe work environment.
- j. Submit product data to the District Project Manager for review for pipelining material and the low-density grout material (type, density, etc.).

4. Culvert Rehabilitation Alternatives

a. Alternative #1: Open Cut and Replacement of Existing Culverts

C-2-C Contractor shall remove the existing 97-foot x 54- inch diameter corrugated aluminum pipe (CAP) culvert and replace with a new 54” CAP culvert.

C-2-D Contractor shall remove the existing 97-foot x 54- inch diameter corrugated aluminum pipe (CAP) culvert and replace with a new 54” CAP culvert.

Contractor shall verify all lengths prior to beginning work. The cost shall cover mobilization/demobilization, labor, equipment, transportation, design, installation and removal of a cofferdam, removal of the existing pipes and installation of the new pipes. In addition, Contractor shall retrofit existing gates to new pipes, repair gate brackets as necessary to ensure a tight seal and continued operation of the gates. Detailed specifications for each task are provided in Exhibit 1.

1. Provide erosion and sediment control plan to protect waters from siltation (silt fence, turbidity barrier, temporary stabilization, etc.)
2. Maintain a clean and safe work environment
3. Install cofferdams.
4. Remove existing gates and walkways. Save for later reinstallation.
5. Excavate and remove existing culverts.
6. Install new culverts.
7. Restore levees to the same or better condition.
8. Reinstall gates.
9. Submit product data to the District Project Manager for review, as specified in Exhibit 1.

b. Alternative #2: Underwater Cured-in-Place-Pipe (CIPP) Lining of Existing Culverts

C-2-C Contractor shall line the existing 97-foot x 54- inch diameter corrugated aluminum pipe (CAP) culvert with a cured-in-place-pipe liner (CIPP).

C-2-D Contractor shall line the existing 97-foot x 54- inch diameter corrugated aluminum pipe (CAP) culvert with a cured-in-place-pipe liner (CIPP).

Contractor shall line two culverts, C-2-C and C-2-D, with a cured-in-place-pipe liner (CIPP). Contractor shall verify all lengths prior to beginning work. The cost shall cover mobilization/demobilization, labor, equipment, transportation, cleaning of existing pipes and installation CIPP pipe liner. In addition, Contractor shall retrofit existing gates to new pipes, repair gate brackets as necessary to ensure a tight seal and continued operation of the gates. Detailed

specifications for each task are provided in Exhibit 1.

1. Provide erosion and sediment control plan to protect waters from siltation (silt fence, turbidity barrier, temporary stabilization, etc.) Maintain a clean and safe work environment.
2. Clean and clear existing culverts to remove any debris.
3. Dispose of debris in accordance with all applicable laws.
4. Remove existing gates and walkways. Save for later reinstallation.
5. Line the existing culverts with a CIPP pipe liner.
6. Perform video inspection of the existing culverts, gates, and associated components.
7. Test the CIPP pipe liner in accordance with ASTM F 1216.
8. Reinstall existing gates after the installation of the CIPP pipe liner.
9. Submit product data to the District Project Manager for review for CIPP pipelining materials.

5. Walkway and Railing Painting and Maintenance

- a. The walkway and railing shall be repaired and painted under the specifications provided in Exhibit 1.
- b. Contractor shall ensure nuts properly tighten against the gate guide frame and any vegetation growing on tops of piers is removed.

V. AS-BUILT SURVEY

- a. Contractor shall maintain a complete set of contract documents including drawings and specifications at the job site clearly marked to reflect all as-built conditions. Upon completion of the project, Contractor shall submit these annotated drawings and specifications to the District.
- b. Contractor shall also submit an as-built signed and sealed by a Florida licensed Professional Land Surveyor. Electronic files (dwg and pdf) and two signed and sealed hard copies are required.

VI. TIMEFRAMES AND DELIVERABLES

- a. Contractor shall begin work within 30 days of the Effective Date. The Effective Date is the date upon which the last party to this Agreement has dated and executed the same.
- b. All work shall be complete, documents submitted and the site demobilized in accordance with the plans and statement of work before September 30, 2024.

VII. BUDGET AND INVOICE REQUIREMENTS

Contractor shall submit monthly itemized invoices based on a percentage of completion for each lump sum item and unit cost for each unit cost item identified in the Cost Schedule. Quantities may vary for those items requiring a "linear foot cost" and the total quantities of these items will be determined during construction. The District reserves the right to increase, decrease, or delete any class, item, or part of the Work at the stated unit prices in determining the value of a change order. Contractor shall submit monthly invoices in accordance with paragraph 5 of the Agreement, PAYMENT OF INVOICES.

ATTACHMENT E – FDEP GENERAL PERMIT EXEMPTION LETTER
(refer to the following pages)



FLORIDA DEPARTMENT OF Environmental Protection

Central District Office
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

June 26, 2023

SJRWMD
c/o Michael Register
4049 Reid Street
Palatka, FL 32177 2571
MREGISTE@SJRWMD.COM

File No.: ERP_436376, Lake County

Dear Mr. Register,

On June 13, 2023, we received your request for verification of exemption to perform the following activities:

Conduct maintenance and repairs at two (2) culverts associated with the Lake Apopka Marsh Flow Way. This project does not alter the maximum discharge rate capacity or control elevations. Placement of cofferdams will temporarily impact approximately 0.015 acre of surface waters.

Your request has been reviewed to determine whether it qualifies for (1) regulatory exemption, (2) proprietary authorization (related to state-owned submerged lands), and (3) federal approval that may be necessary for work in wetlands or waters of the United States.

Your project qualifies for all three. However, this letter does not relieve you from the responsibility of obtaining other federal, state, or local authorizations that may be required for the activity.

If you change the project from what you submitted, the authorization(s) granted may no longer be valid at the time of commencement of the project. Please contact us prior to beginning your project if you wish to make any changes.

1. Regulatory Review –Verified

Based on the information submitted, the Department has verified that the activities as proposed are exempt, under Chapter 62-330.051(9), Florida Administrative Code, from the need to obtain a regulatory permit under Part IV of Chapter 373 of the Florida Statutes.

This exemption verification is based on the information you provided the Department and the statutes and rules in effect when the information was submitted. This verification may not be valid if site conditions materially change, the project design is modified, or the statutes or rules governing the exempt activity

are amended. In the event you need to re-verify the exempt status for the activity, a new request and verification fee will be required. Any substantial modifications to the project design should be submitted to the Department for review, as changes may result in a permit being required.

General Conditions for Exemptions

1. Construction, alteration, and operation shall not:
 - a. Adversely impound or obstruct existing water flow, cause adverse impacts to existing surface water storage and conveyance capabilities, or otherwise cause adverse water quantity or flooding impacts to receiving water and adjacent lands;
 - b. Cause an adverse impact to the minimum flows and levels established pursuant to Section 373.042, F.S.
 - c. Cause adverse impacts to a Work of the District established pursuant to Section 373.086, F.S.;
 - d. Adversely impede navigation or create a navigational hazard;
 - e. Cause or contribute to a violation of state water quality standards. Turbidity, sedimentation, and erosion shall be controlled during and after construction to prevent violations of state water quality standards, including any antidegradation provisions of paragraphs 62-4.242(1)(a) and (b), subsections 62-4.242(2) and (3) and Rule 62-302.300, F.A.C., and any special standards for Outstanding Florida Waters and Outstanding National Resource Waters due to construction-related activities. Erosion and sediment control best management practices shall be installed and maintained in accordance with the guidelines and specifications described in the *State of Florida Erosion and Sediment Control Designer and Reviewer Manual* (Florida Department of Environmental Protection and Florida Department of Transportation, June 2007), incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-02530>), and the *Florida Stormwater Erosion and Sedimentation Control Inspector's Manual* (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008), incorporated by reference herein (<https://www.flrules.org/Gateway/reference.asp?No=Ref-02531>).
 - f. Allow excavated or dredged material to be placed in a location other than a self-contained upland disposal site, except as expressly allowed in an exemption in rule 62-330.051, F.A.C.

2. Proprietary Review- Not required

The activity does not appear to be located on sovereign submerged lands, and does not require further authorization under chapter 253 of the Florida Statutes, or chapters 18-20 or 18-21 of the Florida Administrative Code.

3. Federal Review - SPGP Not Approved – State 404 Not Required

Your proposed activity as outlined in your application and attached drawings **does not qualify** for Federal authorization pursuant to the State Programmatic General Permit VI-R1. **SEPARATE permit(s)** or authorization **may be required** from the U.S. Army Corps of Engineers and/or Florida Department of Environmental Protection. The activity, as proposed, does not involve discharge of dredged or fill material into the waters of the United States and therefore, **a SEPARATE PERMIT** or authorization pursuant to the State 404 Program, as described in Chapter 62-331, F.A.C. **will not be required.**

Authority for review - an agreement with the USACOE entitled "Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection (or Duly Authorized Designee), State Programmatic General Permit", Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

Additional Information

Please retain this letter. The activities may be inspected by authorized state personnel in the future to ensure compliance with appropriate statutes and administrative codes. If the activities are not in compliance, you may be subject to penalties under Chapter 373, F.S., and Chapter 18-14, F.A.C.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic

correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver will not apply to persons who have not received written notice of this action.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal

accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

EXECUTION AND CLERKING

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Jill Farris
Environmental Administrator
Permitting and Waste Cleanup Program

Enclosures:

Chapter 62-330.051, F.A.C.
Project drawings, 10 pages

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Lake County, pzinfo@lakecountyfl.gov
Rebecca Trudeau, SJRWMD, Rtrudeau@SJRWMD.com
Imirio Perez, FDEP, Imirio.Perez@FloridaDEP.gov
Jill Farris, FDEP, Jill.Farris@FloridaDEP.gov

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

June 26, 2023
Date

62-330.051, F.A.C.

9) Pipes or Culverts –

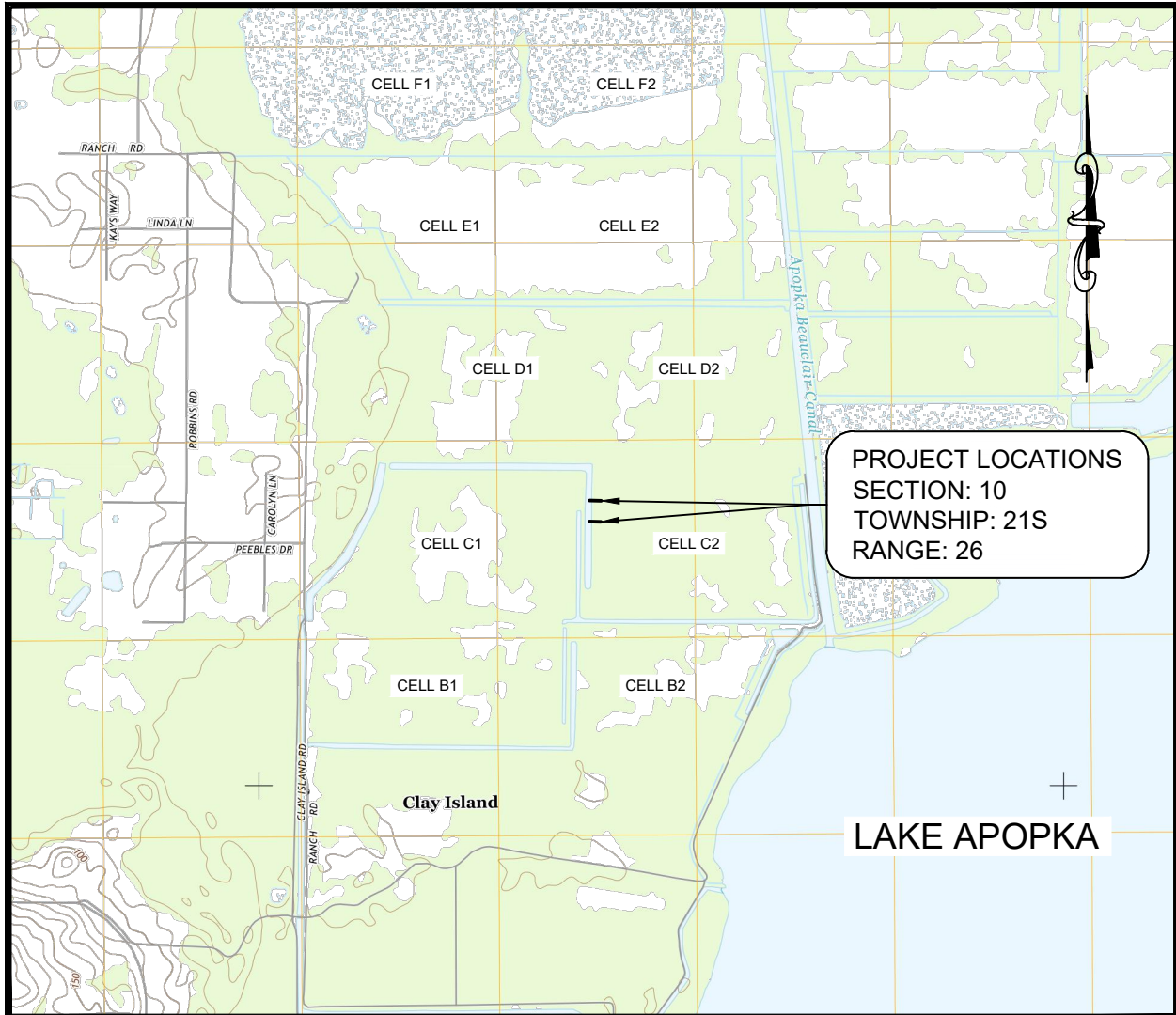
-(a) Repair or replacement, provided:

1. The pipes or culverts have equivalent hydraulic capacity to those being repaired or replaced;
2. The invert elevation shall not be changed; and
3. The pipes or culverts function to discharge or convey stormwater, and are not associated with the repair, replacement, or alteration of a dam, spillway, or appurtenant works.

(b) Construction, alteration, operation, maintenance, and removal of outfall pipes, together with associated headwalls, and energy dissipation baffles, rocks, and other scour-reduction devices at the outfall locations, provided:

1. The pipes extend less than 20 feet in, on, or over wetlands or other surface waters;
2. The outfall is part of an activity that is exempt under Part IV of Chapter 373, F.S., or qualifies for the general permit in Section 403.814(12), F.S.;
3. The outfall is designed to prevent erosion and scour;
4. Work in natural waterbodies, wetlands, and Outstanding Florida Waters is limited to 0.03 acre;
5. No activities occur in seagrasses;
6. Within waters accessible to manatees, submerged or partially submerged outfall pipes having a diameter larger than eight inches shall have grating such that no opening is larger than eight inches; and
7. All work is conducted in compliance with subsection 62-330.050(9), F.A.C.

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT UPPER OCKLAWAHA RIVER BASIN APOPKA MFW C-2-C & C-2-D CULVERT REPAIR LAKE COUNTY, FLORIDA



QUAD REFERENCE
USGS 7.5' QUADRANGLE MAP
ASTATUALA, FLORIDA 2015

VICINITY MAP

GRAPHIC SCALE



SCALE: 1" = 3000'

**FOR PERMIT APPLICATION
NOT FOR CONSTRUCTION**

UPPER OCKLAWAHA RIVER BASIN
APOPKA MFW C-2-C & C-2-D CULVERT REPAIR
LAKE COUNTY, FLORIDA

**ST. JOHNS RIVER
WATER MANAGEMENT DISTRICT**
P.O. BOX 1429, PALATKA, FLORIDA 32178

COVER SHEET

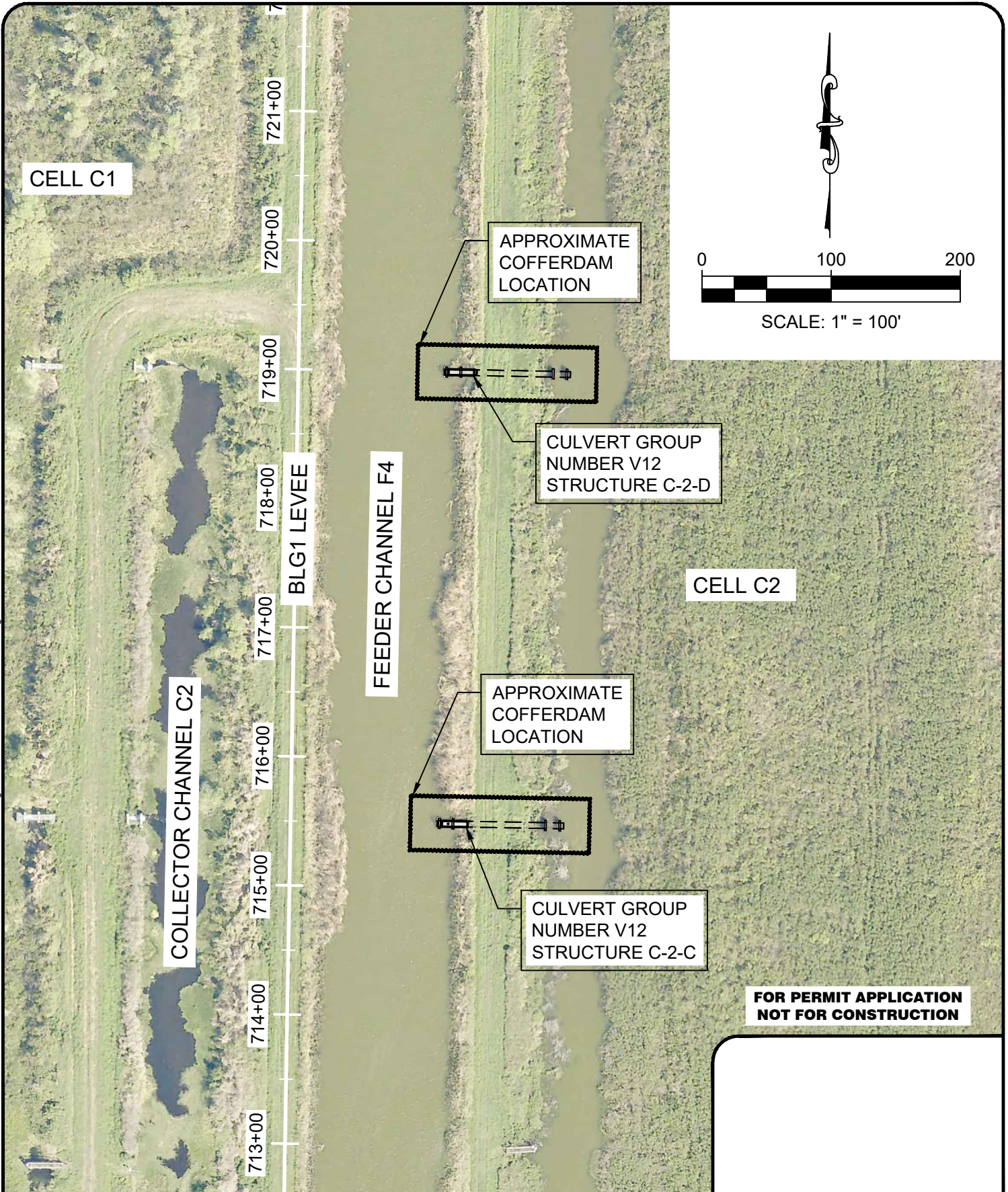
SHEET NUMBER:

1

CAITLYN O. DRANE P.E. # 85256
DATE: APRIL 25, 2023

U:\Projects\CADD\APOPKA\APOPKA MFW C-2-C AND C-2-D CULVERT REPAIR\05 Production Drawings\MFW C-2 CVR PT.dwg

U:\Projects\CADD\APOPKA\MFW C-2-C AND C-2-D CULVERT REPAIR\05 Production Drawings\MFW C-2-C & C-2-D CR PT.dwg



CELL C1

APPROXIMATE
COFFERDAM
LOCATION

CULVERT GROUP
NUMBER V12
STRUCTURE C-2-D

CELL C2

APPROXIMATE
COFFERDAM
LOCATION

CULVERT GROUP
NUMBER V12
STRUCTURE C-2-C

**FOR PERMIT APPLICATION
NOT FOR CONSTRUCTION**

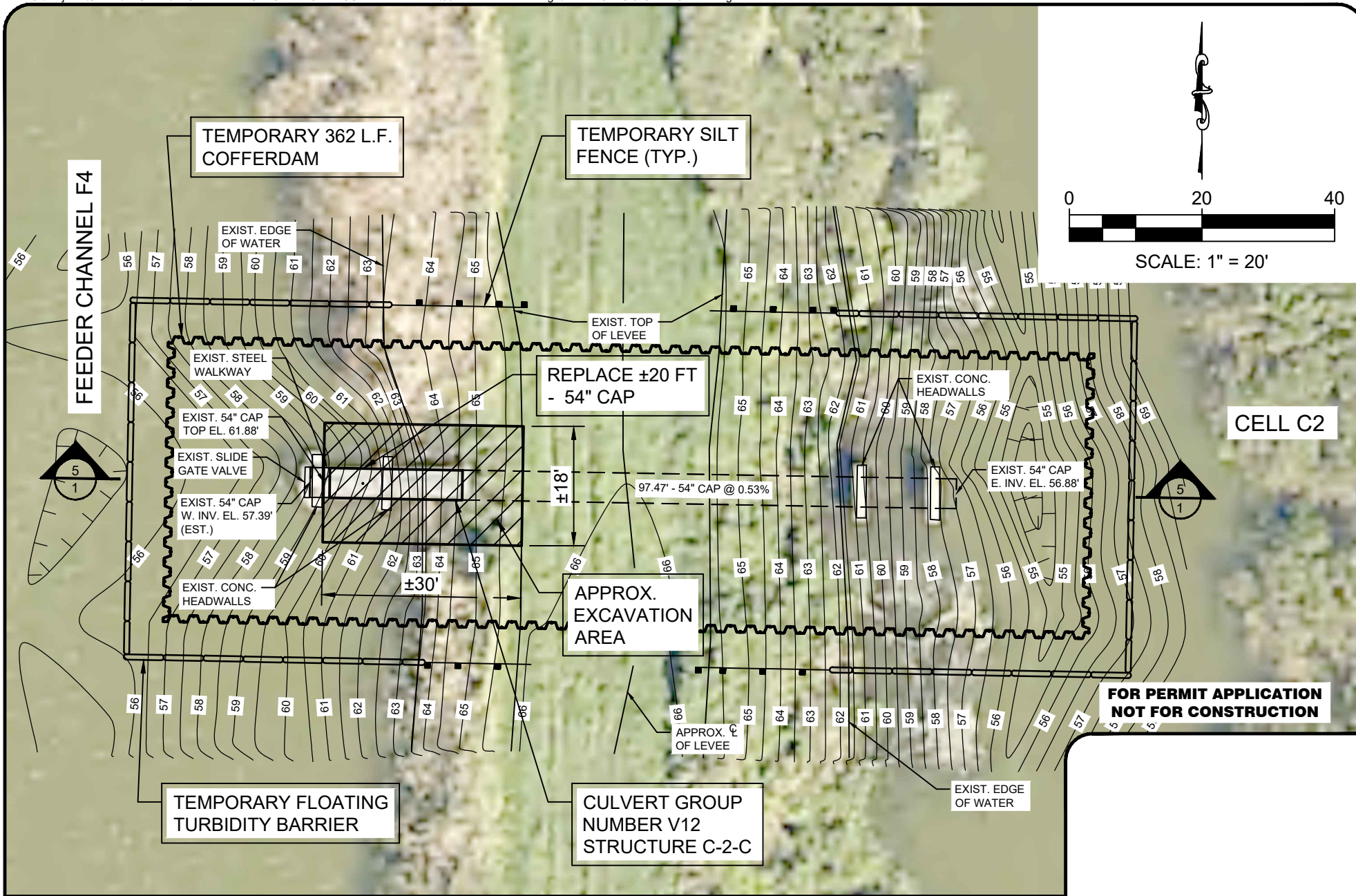
UPPER OCKLAWAHA RIVER BASIN
APOPKA MFW C-2-C & C-2-D CULVERT REPAIR
LAKE COUNTY, FLORIDA

**ST. JOHNS RIVER
WATER MANAGEMENT DISTRICT**
P.O. BOX 1429, PALATKA, FLORIDA 32178

OVERALL SITE PLAN

SHEET NUMBER:
2

CAITLYN O. DRANE P.E. # 85256
DATE: APRIL 25, 2023



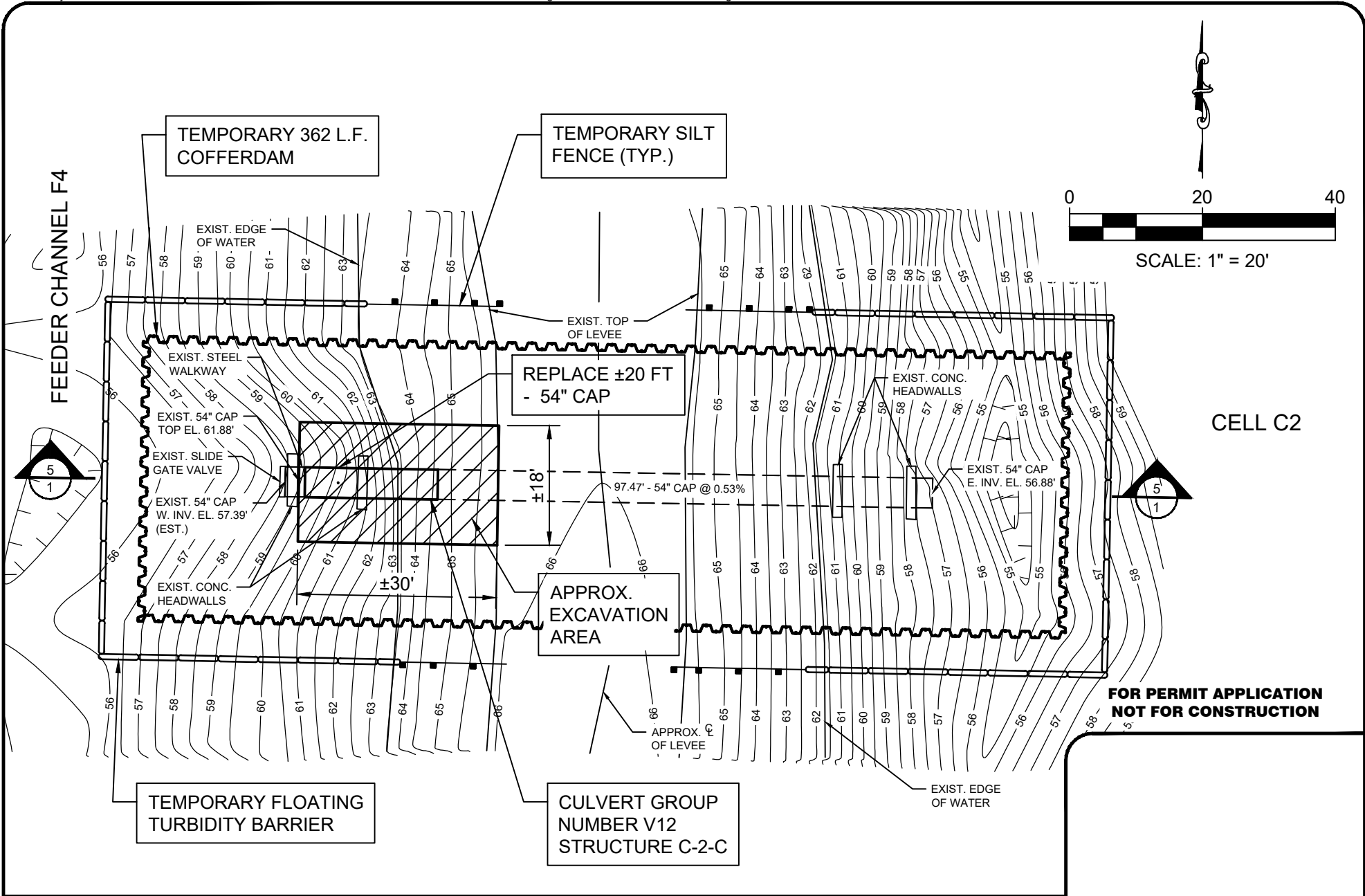
UPPER OCKLAWAHA RIVER BASIN
 APOPKA MFW C-2-C & C-2-D CULVERT REPAIR
 LAKE COUNTY, FLORIDA

ST. JOHNS RIVER
WATER MANAGEMENT DISTRICT
 P.O. BOX 1429, PALATKA, FLORIDA 32178

3 - STRUCTURE C-2-C SITE PLAN
 (WITH AERIAL)

SHEET NUMBER:
3

CAITLYN O. DRANE P.E. # 85256
 DATE: APRIL 25, 2023



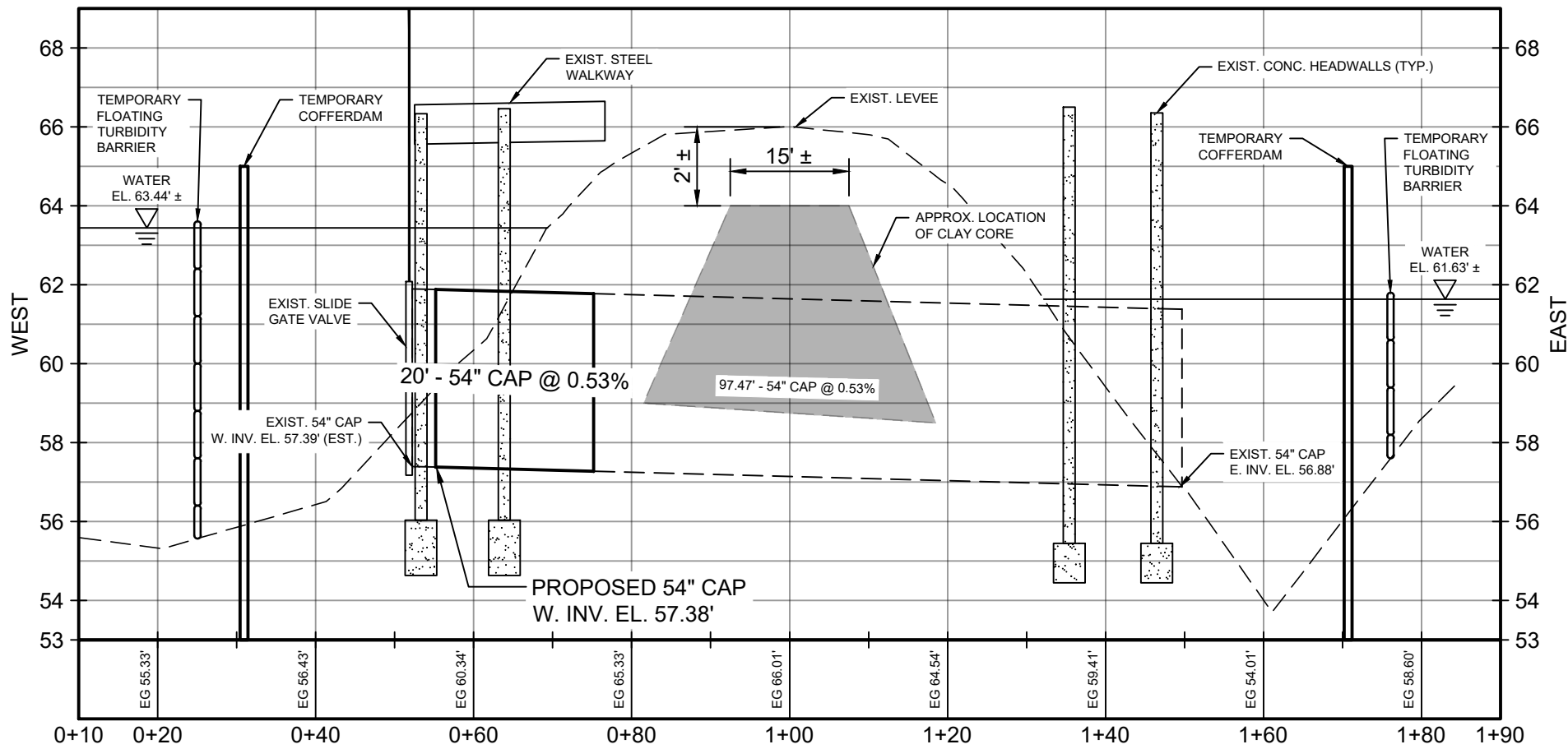
UPPER OCKLAWAHA RIVER BASIN
 APOPKA MFW C-2-C & C-2-D CULVERT REPAIR
 LAKE COUNTY, FLORIDA

ST. JOHNS RIVER
WATER MANAGEMENT DISTRICT
 P.O. BOX 1429, PALATKA, FLORIDA 32178

STRUCTURE C-2-C SITE PLAN

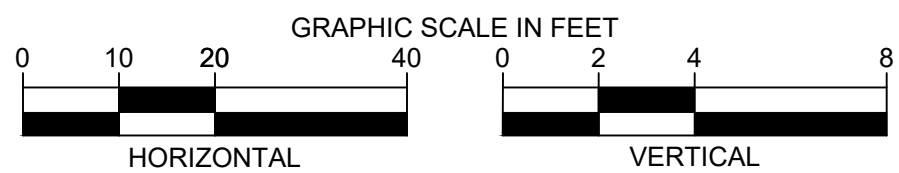
SHEET NUMBER:
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CAITLYN O. DRANE P.E. # 85256
 DATE: APRIL 25, 2023



5
1
C-2-C PROFILE

**FOR PERMIT APPLICATION
NOT FOR CONSTRUCTION**



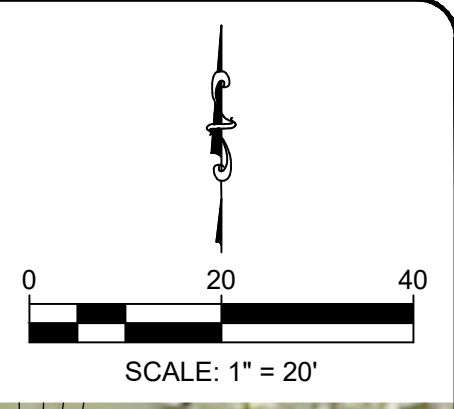
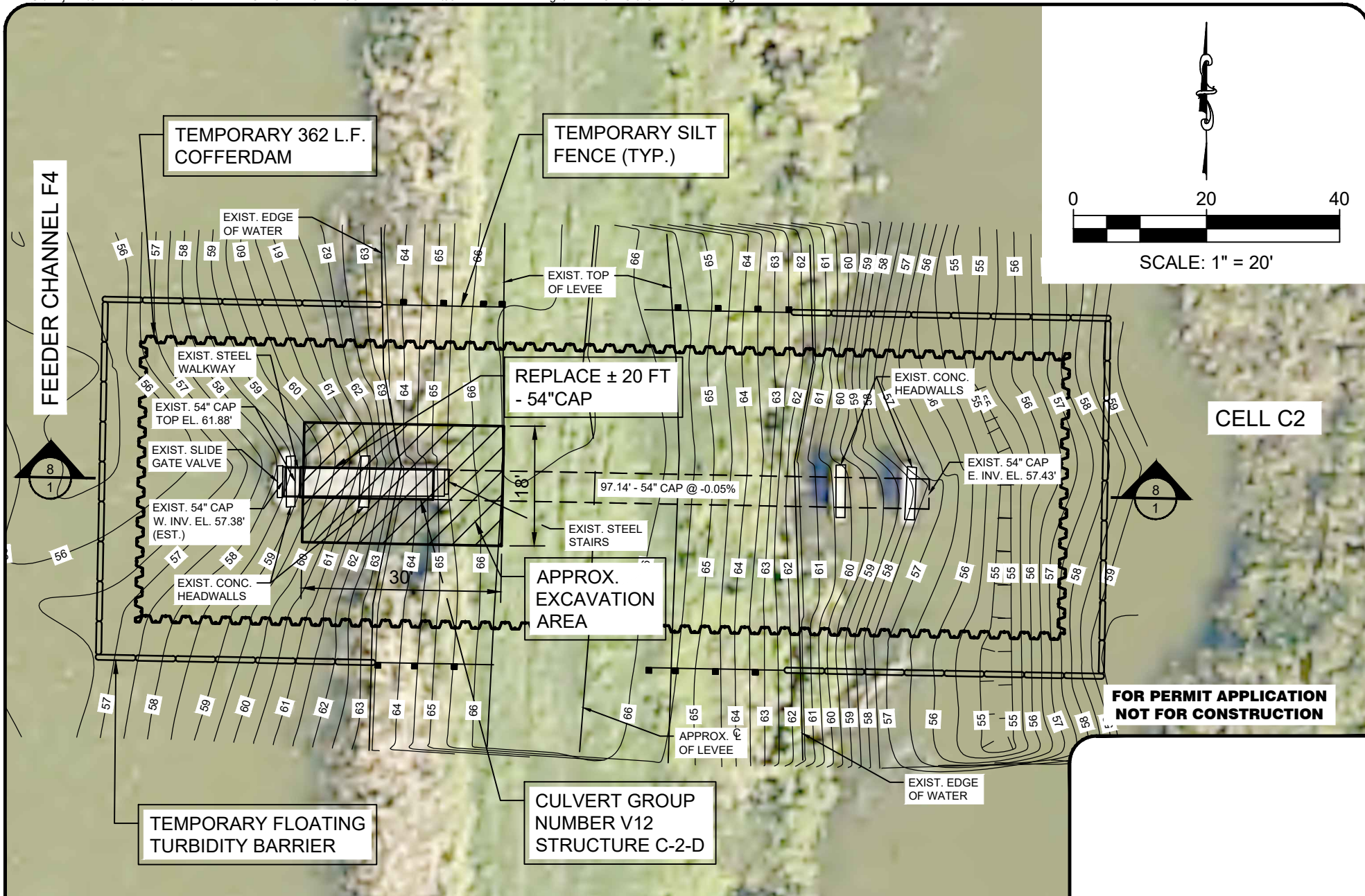
UPPER OCKLAWAHA RIVER BASIN
APOPKA MFW C-2-C & C-2-D CULVERT REPAIR
LAKE COUNTY, FLORIDA

**ST. JOHNS RIVER
WATER MANAGEMENT DISTRICT**
P.O. BOX 1429, PALATKA, FLORIDA 32178

C-2-C PROFILE

SHEET NUMBER:
5

CAITLYN O. DRANE P.E. # 85256
DATE: APRIL 25, 2023



**FOR PERMIT APPLICATION
NOT FOR CONSTRUCTION**

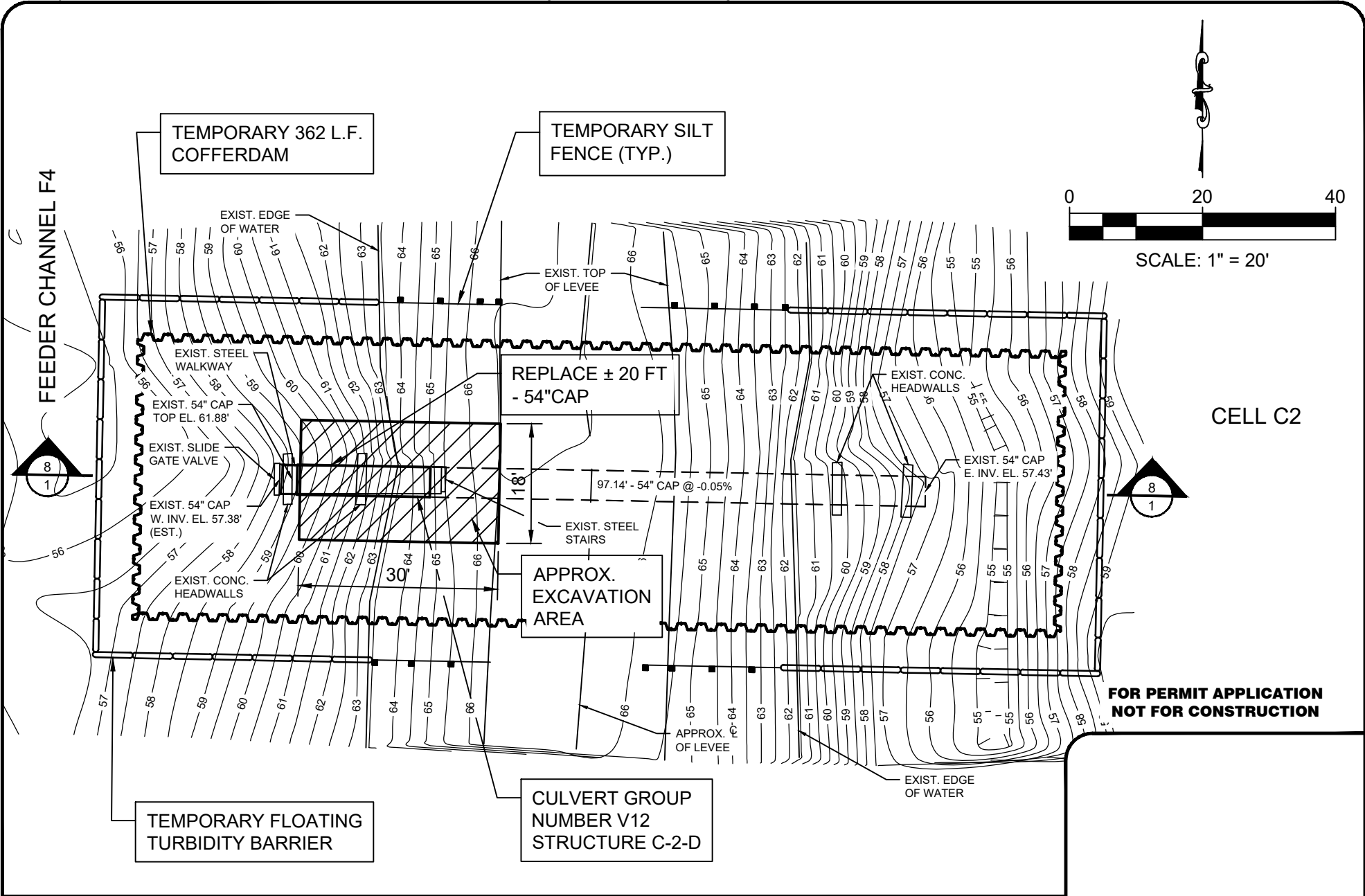
UPPER OCKLAWAHA RIVER BASIN
APOPKA MFW C-2-C & C-2-D CULVERT REPAIR
LAKE COUNTY, FLORIDA

**ST. JOHNS RIVER
WATER MANAGEMENT DISTRICT**
P.O. BOX 1429, PALATKA, FLORIDA 32178

STRUCTURE C-2-D SITE PLAN
(WITH AERIAL)

SHEET NUMBER:
6

CAITLYN O. DRANE P.E. # 85256
DATE: APRIL 25, 2023



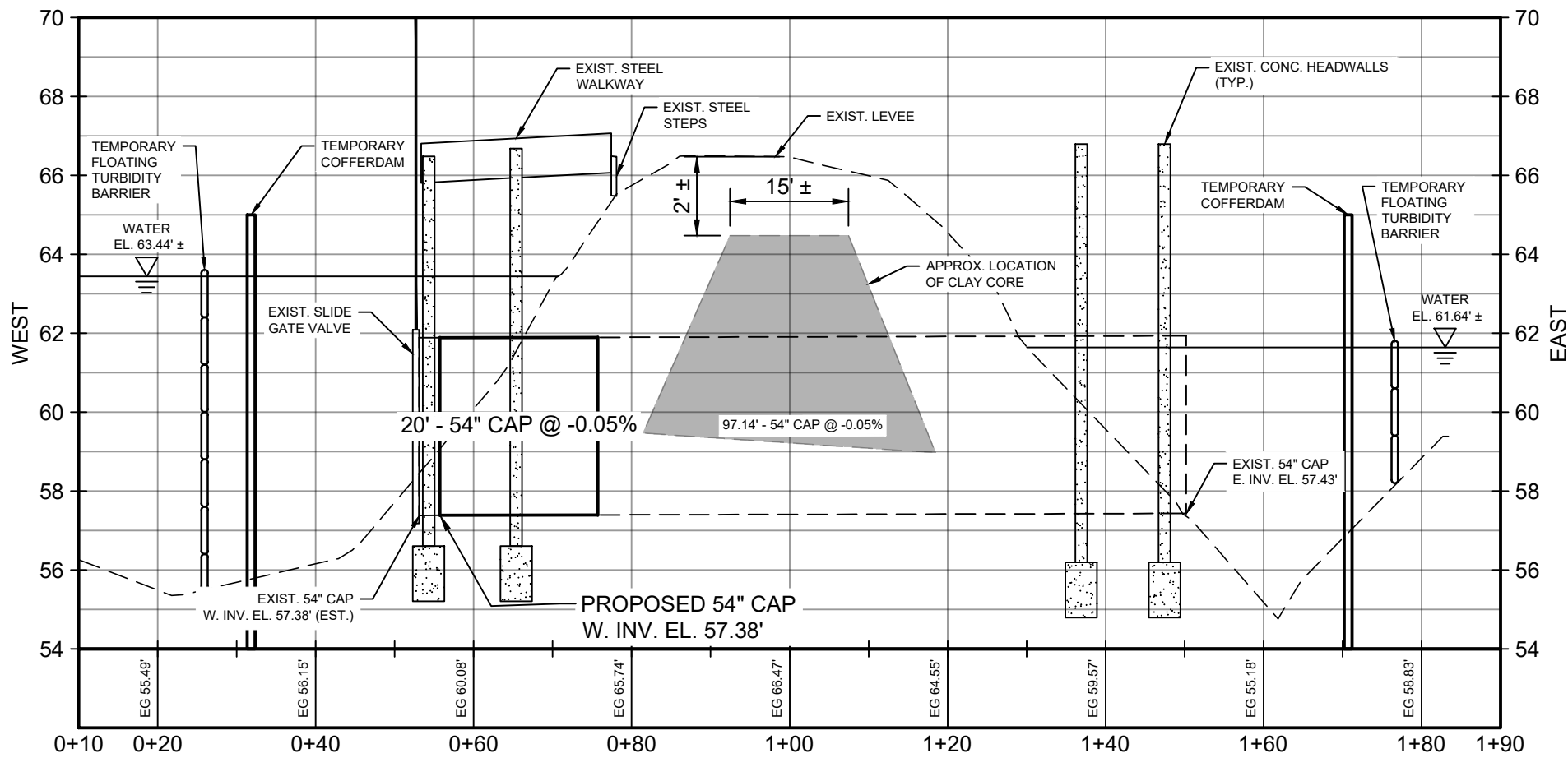
UPPER OCKLAWAHA RIVER BASIN
 APOPKA MFW C-2-C & C-2-D CULVERT REPAIR
 LAKE COUNTY, FLORIDA

ST. JOHNS RIVER
WATER MANAGEMENT DISTRICT
 P.O. BOX 1429, PALATKA, FLORIDA 32178

STRUCTURE C-2-D SITE PLAN

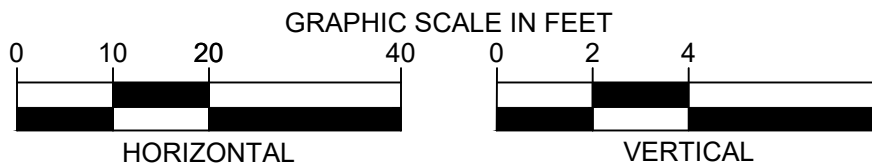
SHEET NUMBER:
7

CAITLYN O. DRANE P.E. # 85256
 DATE: APRIL 25, 2023



8
1
C-2-D PROFILE

**FOR PERMIT APPLICATION
NOT FOR CONSTRUCTION**



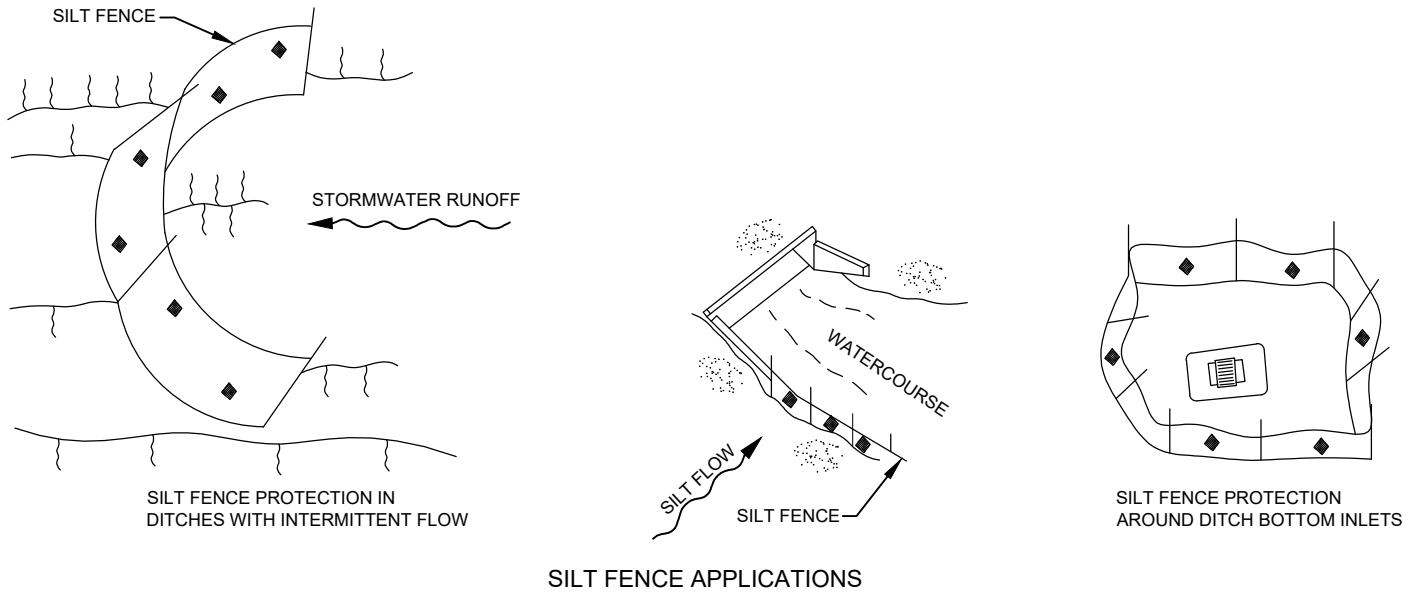
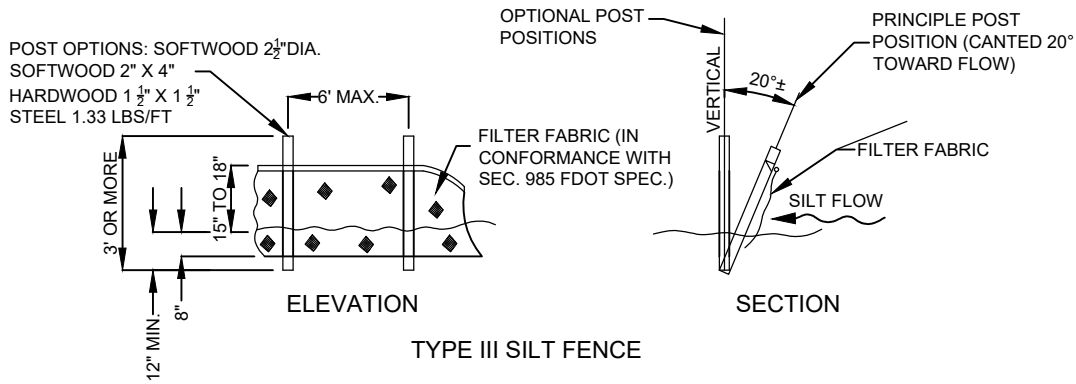
UPPER OCKLAWAHA RIVER BASIN
APOPKA MFW C-2-C & C-2-D CULVERT REPAIR
LAKE COUNTY, FLORIDA

**ST. JOHNS RIVER
WATER MANAGEMENT DISTRICT**
P.O. BOX 1429, PALATKA, FLORIDA 32178

C-2-D PROFILE

SHEET NUMBER:
8

CAITLYN O. DRANE P.E. # 85256
DATE: APRIL 25, 2023



NOTES FOR SILT FENCES

1. TYPE III SILT FENCE TO BE USED AT MOST LOCATIONS. WHERE USED IN DITCHES, THE SPACING FOR TYPE III SILT FENCE SHALL BE IN ACCORDANCE WITH SECTION V OF THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL (JULY 2013).
2. TYPE IV SILT FENCE TO BE USED WHERE LARGE SEDIMENT LOADS ARE ANTICIPATED. SUGGESTED USE IS WHERE FILL SLOPE IS 1:2 OR STEEPER AND LENGTH OF SLOPE EXCEEDS 25 FEET. AVOID USE WHERE THE DETAINED WATER MAY BACK INTO TRAVEL LANES OR OFF THE RIGHT OF WAY.
3. DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.
4. WHERE USED AS SLOPE PROTECTION, SILT FENCE IS TO BE CONSTRUCTED ON 0% LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.
5. SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE, (LF).

TEMPORARY SILT FENCE DETAIL

**FOR PERMIT APPLICATION
NOT FOR CONSTRUCTION**

UPPER OCKLAWAHA RIVER BASIN
APOPKA MFW C-2-C & C-2-D CULVERT REPAIR
LAKE COUNTY, FLORIDA

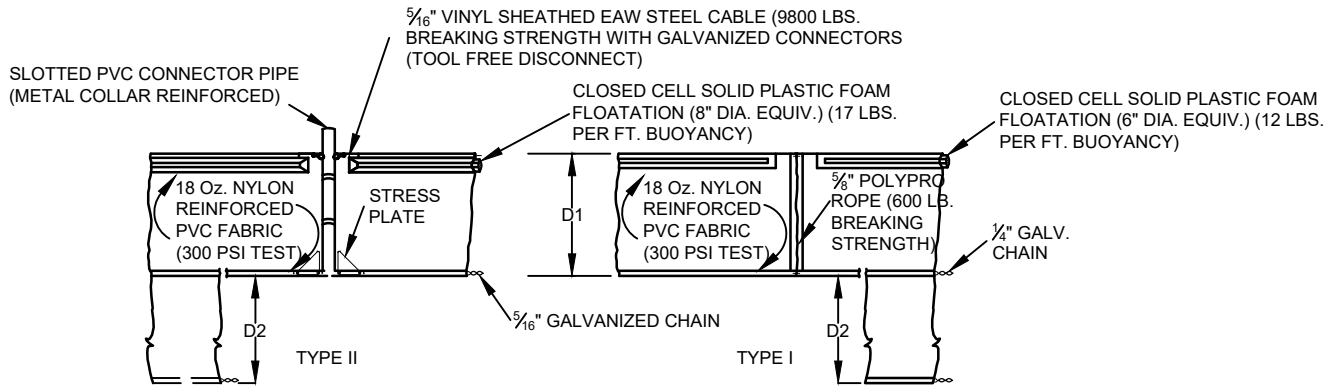
**ST. JOHNS RIVER
WATER MANAGEMENT DISTRICT**
P.O. BOX 1429, PALATKA, FLORIDA 32178

EROSION & SEDIMENT CONTROL PLAN

SHEET NUMBER:

9

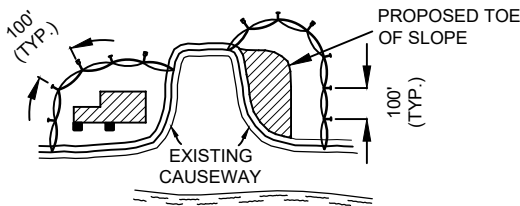
CAITLYN O. DRANE P.E. # 85256
DATE: APRIL 25, 2023



D1= 5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS).
 D2= 5' STD. (ADDITIONAL PANEL FOR DEPTHS > 5')
 CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAINS SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.

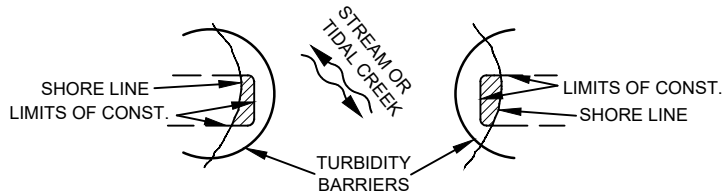
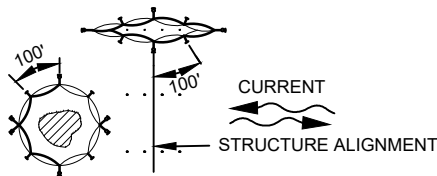
NOTICE: COMPONENTS OF TYPE I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGN. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.

FLOATING TURBIDITY BARRIERS



GENERAL NOTES:

1. FLOATING TURBIDITY BARRIERS ARE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR FLOATING TURBIDITY BARRIER, LF.
2. STAKED TURBIDITY BARRIERS ARE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED TURBIDITY BARRIER, LF.



NOTES:

1. TURBIDITY BARRIERS ARE TO BE USED IN ALL PERMANENT BODIES OF WATER REGARDLESS OF WATER DEPTH.
2. NUMBER AND SPACING OF ANCHORS DEPENDENT ON CURRENT VELOCITIES.
3. DEPLOYMENT OF BARRIER AROUND PILE LOCATIONS MAY VARY TO ACCOMMODATE CONSTRUCTION OPERATIONS.
4. NAVIGATION MAY REQUIRE SEGMENTING BARRIER DURING CONSTRUCTION OPERATIONS.
5. TURBIDITY BARRIERS SHALL CONFORM TO SECTION 104 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

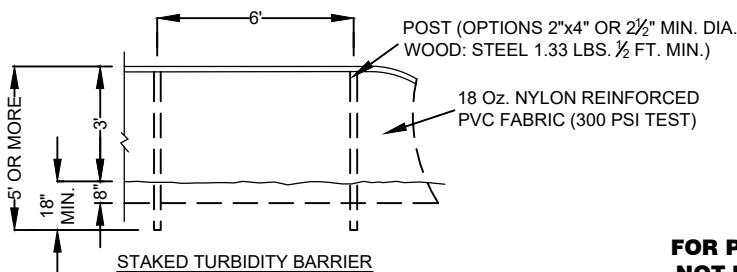
LEGEND

- PILE LOCATIONS
- ▨ DREDGE OR FILL AREA
- MOORING BUOY W/ANCHOR
- ANCHOR
- ◌ BARRIER MOVEMENT DUE TO CURRENT ACTION

NOTES:

TURBIDITY BARRIERS FOR FLOWING STREAMS AND TIDAL CREEKS MAY BE EITHER FLOATING, OR STAKED TYPES OR ANY COMBINATIONS OF TYPES THAT WILL SUIT SITE CONDITIONS AND MEET EROSION CONTROL AND WATER QUALITY REQUIREMENTS. THE BARRIER TYPE(S) WILL BE AT THE CONTRACTORS OPTIONS UNLESS OTHERWISE SPECIFIED IN THE PLANS, HOWEVER PAYMENT WILL BE UNDER THE PAY ITEM(S) ESTABLISHED IN THE PLANS FOR FLOATING TURBIDITY BARRIERS TO BE INSTALLED IN VERTICAL POSITION UNLESS OTHERWISE DIRECTED BY THE DISTRICT.

TURBIDITY BARRIER APPLICATIONS



**FOR PERMIT APPLICATION
 NOT FOR CONSTRUCTION**

UPPER OCKLAWAHA RIVER BASIN
 APOPKA MFW C-2-C & C-2-D CULVERT REPAIR
 LAKE COUNTY, FLORIDA

**ST. JOHNS RIVER
 WATER MANAGEMENT DISTRICT**
 P.O. BOX 1429, PALATKA, FLORIDA 32178

EROSION & SEDIMENT CONTROL PLAN

SHEET NUMBER:

10

CAITLYN O. DRANE P.E. # 85256
 DATE: APRIL 25, 2023

ATTACHMENT F-1 – REVISED NON-DISCLOSURE AGREEMENT
(REVISED) NON-DISCLOSURE AGREEMENT

The undersigned is an employee, subconsultant, subcontractor, representative or agent of _____ (Company) a potential bidder to the St. Johns River Water Management District (the District) Invitation to Bid 39428, Apopka Marsh Flow-Way Gated Culvert Structure (C-2-C and C-2-D) Slip Lining. Company is interested in bidding to enter into a contract with the District to perform certain rehabilitation work (the Work). Related to the Work, the District maintains certain documents (Documents) listed below.

1. Apopka C-2-C & C-2-D Culvert Repair Plans
2. Handrail Retrofit Drawings
3. Apopka MFW C-2-C & C-2-D Addendum #3 Plans prepared by the District, Dated 05/15/24.
4. Topographic & Bathometric Survey by the District, Dated 02/23/23 (included within the Addendum #3 Plan Set)
5. Lake Apopka Marsh Flow-Way Project Phase 1 Plans, Sheets 1, 11, 12, 41
6. Lake Apopka Marsh Flow-Way Structure Evaluation for Structure C-2-C, Inspection Date: 1/18/22, Prepared by Underwater Engineering Services, Inc.
7. Lake Apopka Marsh Flow-Way Structure Evaluation for Structure C-2-D, Inspection Date: 1/18/22, Prepared by Underwater Engineering Services, Inc.

The undersigned, in his or her capacity as an individual and as an employee, subconsultant, subcontractor, representative or agent of Company seeks to acquire said Documents from the District in order to prepare said bid and/or perform some part of the Work and signs this Non-Disclosure Agreement is a pre-requisite thereto.

In the course of reviewing the Documents, the undersigned will unavoidably come into contact with certain types of information which are protected from disclosure by Florida law. The undersigned acknowledges his/her familiarity with the applicable protections, including but not limited to his/her obligation to comply with the following:

1. Section 119.0725, Florida Statutes (2023), which requires all District contractors to protect as confidential the following:
 - (a) Coverage limits and deductible or self-insurance amounts of insurance or other risk mitigation coverages acquired for the protection of information technology systems, operational technology systems, or data of the District;
 - (b) Information relating to critical infrastructure;
 - (c) Cybersecurity incident information; and
 - (d) Network schematics, hardware and software configurations, or encryption information or information that identifies detection, investigation, or response practices for suspected or confirmed cybersecurity incidents, including suspected or confirmed breaches, if the disclosure of such information would facilitate unauthorized access to or unauthorized modification, disclosure, or destruction of:
 1. Data or information, whether physical or virtual; or
 2. Information technology resources, which include the District's existing or proposed information technology systems.
2. Section 119.071, Florida Statutes (2023), which requires all District contractors to protect as confidential the following:

