

Name of Entity
Clay County Utility Authority

Record Type
Public Infrastructure

Proposal Status
Proposed

Contact
Jeremy Johnst...

Details SBD Processing Related

Entity Information

Owner
Dennis Ragosta (/lightning/r/Name/0058y000028sFBAAY/view)

Proposal Name
INF-05685

Name of Entity
Clay County Utility Authority

Proposal Status
Proposed

Stage
Proposed

Contact
Jeremy Johnston (/lightning/r/Contact/0038y000009K6KsAAK/view)

Secondary Contact Name
Dennis Ragosta

Second Contact Title
Public and Governmental Affairs Liaison

Second Contact Phone
(904) 219-4116 (tel:9042194116)

Azure Folder Name
INF-05685a9G8y000000438

County
Clay (/lightning/r/County__c/a02F4000001X3K2EAK/view)

RAO
No

Permits Secured
Yes

Program Requirements

Detailed Description
Once completed, the First Coast Expressway will transform the central portion of Clay County into a hub for both residential and economic development. CCUA currently serves approximately 55,000 Equivalent Residential Connections (ERCs), but anticipates to serve an additional 50,000 ERCs over the next 20-25 year brought on by the new corridor. To serve this growth, CCUA is expanding the Peters Creek and Governor's Park facilities.

Public Use or Benefit Public
Yes

CCUA will expand the existing Peters Creek secondary treatment plant from 0.25 million Gallon per Day (MGD) facility to a 1.5 MGD regional facility that is expandable in the future. The facility will be a zero-discharge plant, meeting the highest levels of environmental stewardship, and providing highly treated reclaimed water for irrigation purposes to the surrounding expanding commercial and residential community. Concurrently, CCUA is building a new regional reclaimed storage and pumping facility at the Governor's Park Facility. The two facilities will be linked by approximately 7 miles of pipeline and serve as a regional water reclamation system to serve this tremendous growth.

While CCUA has allocated the total funds for facility upgrades in our 5-Year Capital Improvement Plan (CIP), surging labor and supply costs have caused original project costs to significantly increase. If granted funds, the asking amount would be used directly towards construction costs at our Peters Creek Reclamation Facility addressing future economic development utility needs in this portion of Clay County.

Location
3616 Rosemary Hill Road, Green Cove Springs, Clay County, FL 32043.

Public Owned
Yes

Single Entity
No

Description of Econ Benefits
Water reclamation facility upgrades at Peters Creek, in conjunction with upgrades to our Governors Park facility, will help meet economic development growth needs brought on by the First Coast Expressway. This first expansion is projected to serve over 7,000 ERCs. Future expansions at these sites will serve approximately 50,000 ERCs which are expected to be built in the next 20 to 25 years. In partnership with the Clay County Economic Development Corporation, an estimate of 2,000 jobs will be created due to First Coast Expressway. Development will be serviced by CCUA's Peters Creek and Governor's Park facilities .

As the population growth outpaces the national average and with staggeringly low unemployment rates, businesses are relocating to the Jacksonville MSA to take advantage of the less restrictive labor market. Increasing capacity in this area will allow businesses to locate into and be served in the Peter's Creek Industrial Park. NAICS coding for potential industry created jobs are as followed: 23, 31, 32, 33, 42, 44, 45, 48, 49, 54, 55, 56. Additional identified NAICS codes have been attached in a supporting document.

Option to Purchase

Property Owner
n/a

Future Land & Zoning
Current land use and zoning designation is 9101-Utilities. The proposed project will conform to existing codes.

Program Specifics

Project Ready to Commence
Yes

Permits Needed
1) FDEP: Modification to existing Peters Creek Wastewater Plant Capacity Permit
2) Clay County: Site Plan Review
3) Water Management District: Environmental Resource Permit
4) FDEP: Collection/Transmission System Permit for large diameter piping
5) FDEP: Individual or Standard General ERP
6) FWC: Gopher Tortoise Relocation Permit

Permit contact information has been provided in an attached document.

Project Not Ready To Commence Details

Permits Details

Proposed start Date
3/7/2023

Proposed duration
665

Amendment Needed
No

Project Local Match
Yes

Amendment Needed Details

Project Local Match Details
CCUA was created as an Independent Special District by the Florida Legislature in 1994. As the largest public water supplier in the county, CCUA provides water, wastewater, and reclaimed water services to Unincorporated Clay County. The total match amount funds of \$5,000,000.00 has been allocated in CCUA's 5-Year CIP.

Program Budget

Requested Total
\$5,000,000.00

Upload Files

Previously Uploaded

- OtherPeters Creek Specific NAICS Codes.docx
- undefinedClay EDC Letter of Support.jpg
- undefinedGeneral Appropriations Act FY23-24 CCUA Peters Creek Reclamation Facility.docx
- undefinedPeters Creek - Rep. Bobby Payne Letter of Support.pdf
- undefinedPeters Creek Full Construction Scope with budget.pdf
- undefinedPeters Creek Permit Information .docx
- undefinedPeters Creek Reclamation Facility Amended CIP Cost with Executive Summary.pdf
- undefinedPeters Creek Service Area Map.pdf
- undefinedPeters Creek WRF Ponds Reclaimed Storage & Pipeline Map.pdf
- undefinedSenator Bradely-Peters Creek Support Letter.pdf

Contract Management

Contract Number

Activity

Filters: All time • All activities • All types

Refresh • Expand All • View All/runtime_sales_activities/activityViewAll.app?parentRecordId=a9G8y000000438EAA)

Upcoming & Overdue

- Initial Review and Routing of Proposal (/lightning/r/00T8y00000ARFggEAH/view) Jul 18
- SBD Program Managers has an upcoming task

No past activity. Past meetings and tasks marked as done show up here.

SECTION 5 - NATURAL RESOURCES/ENVIRONMENT/GROWTH MANAGEMENT/TRANSPORTATION

Charlotte County Utilities Fiber Optics (HF 1605).....		
300,000 Citrus County - Southwest Regional Water Reclamation Facility Reclaim Project (HF 0685).....	1,990,500	
Clay County Utility Authority Peters Creek Water Reclamation Facility (HF 2045).....	500,000	
Clay County Utility Authority Swimming Penn Creek Water Main Interconnect (HF 2035).....	500,000	
Cooper City SW 49th Street Culvert Rehabilitation and Replacement Project (HF 0691).....	450,000	
Coral Gables Force Main Replacement Program (HF 1922).....		
700,000 Crescent City - Prospect Street Water Main Replacement (HF 2247).....	1,750,000	
Crescent City - South Main Street Water Main Replacement Project (HF 2248).....	450,000	
Crestview - Benjamin St. Septic to Sewer (HF 0106).....		
300,000 Crestview Septic to Sewer Conversion of Failing Septic Tanks (HF 0045).....	445,750	
Dade City Wastewater Treatment Plant Relocation & Upgrade Phase 1 Planning and Design (HF 2280).....	1,563,500	
Dania Beach SW 52 Street Stormwater Improvement Project (HF 2074).....	475,000	
Daytona Beach Enhancement and Extension of Public Water and Related Systems (HF 2289).....	2,087,500	
Deltona Fisher Wastewater Treatment Facility Plant Conversion (HF 1759).....	800,000	
Deltona Theresa Basin Flood Control Study (HF 1116).....		
300,000 Doral Stormwater Improvements (HF 1893).....	500,000	Dunedin Wastewater Treatment Plant Ocean Outfall Pipe Rehabilitation (HF 0868).....
	400,000	
Dunnellon Moose Family Center Lodge 2308 Septic to Sewer (HF 1291).....	30,000	
Englewood Water District - South Water Reclamation Facility Electrical Upgrade Project (HF 0673).....	1,500,000	
Escambia County - Gulf Beach Highway Drainage Outfall at Sunset/Patton/Elite/Winthrop (HF 0727).....	440,000	
Florida City Sewer Improvements (HF 0917).....	1,120,000	
Florida Governmental Utility Authority - Lehigh Acres Utility System Wastewater Treatment Plant No. 1 Nanofiltration (HF 1991).....	470,588	
Florida Governmental Utility Authority - North Fort Myers Utility System Lift Station Bypass Pumps (HF 1621).....	575,000	Florida Governmental
Utility Authority - North Fort Myers Utility System Lift Station No. 1 Replacement (HF 1622). 725,000 Fort Myers - Water Treatment Plant Expansion (HF 2209).....	1,250,000	
Fort Pierce Inlet - Indian River Lagoon Seagrass Restoration (HF 2010).....	1,426,310	
Frostproof Wastewater Extension Septic to Sewer Fir Avenue (HF 0064).....	992,310	
Grand Ridge Wastewater Extension to I-10 (HF 0665).....	832,500	Greenacres Swain
Boulevard Sewer Extension Phase 1 (HF 0470).....	400,000	
Haines City Lift Station Resiliency and Emergency Operational Improvements-Phase 1 (HF 1811).....	750,000	Haines City Sewer
Lift Station-22 Replacement and Associated Force-main Upgrades (HF 1810).....	2,500,000	
Hamilton County Waste Water Treatment Plant Lift Station - US Hwy 129 & CR 158 (HF 1658).....	750,000	
Hendry County Port LaBelle Utility System Wastewater Treatment Expansion (HF 1470).....	500,000	
Hialeah Gardens South District Drainage Improvements (HF 1339).....	350,000	
Holy Hill Sewer Service Extension (HF 2204).....	680,000	Homosassa River
Restoration Project, Inc. (HF 0675).....	4,000,000	

Potential NAICS Codes – Peters Creek Industrial Park

23

236210, 23622, 237110, 237120, 237130, 237310, 237990, 238110, 238120, 238190, 238210, 238220, 238310, 238910, 238990

31-33

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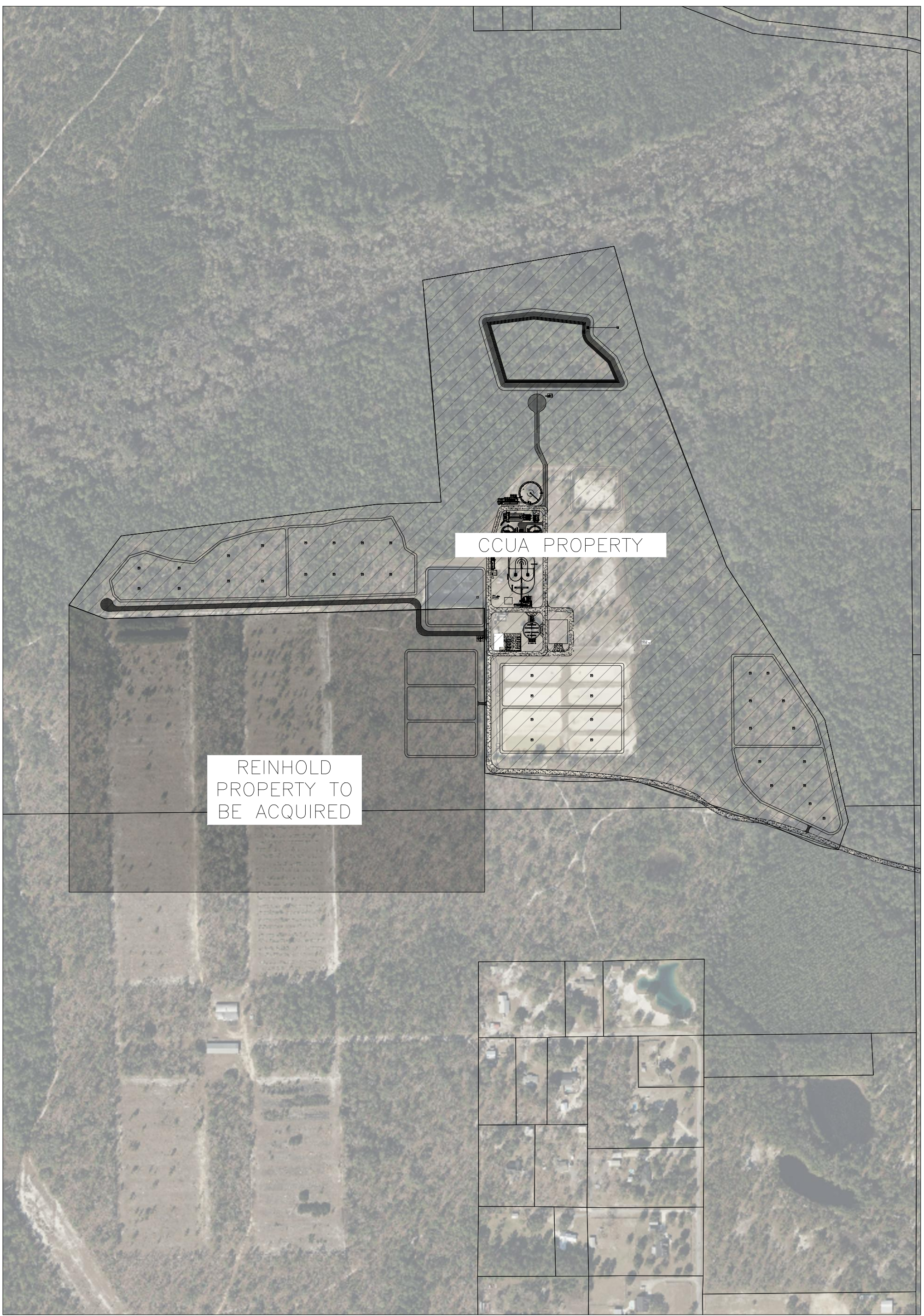
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CCUA PROPERTY

REINHOLD
PROPERTY TO
BE ACQUIRED

PLAN

SCALE: 1" = 100'



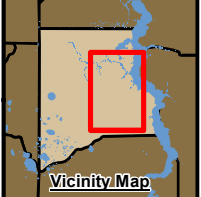
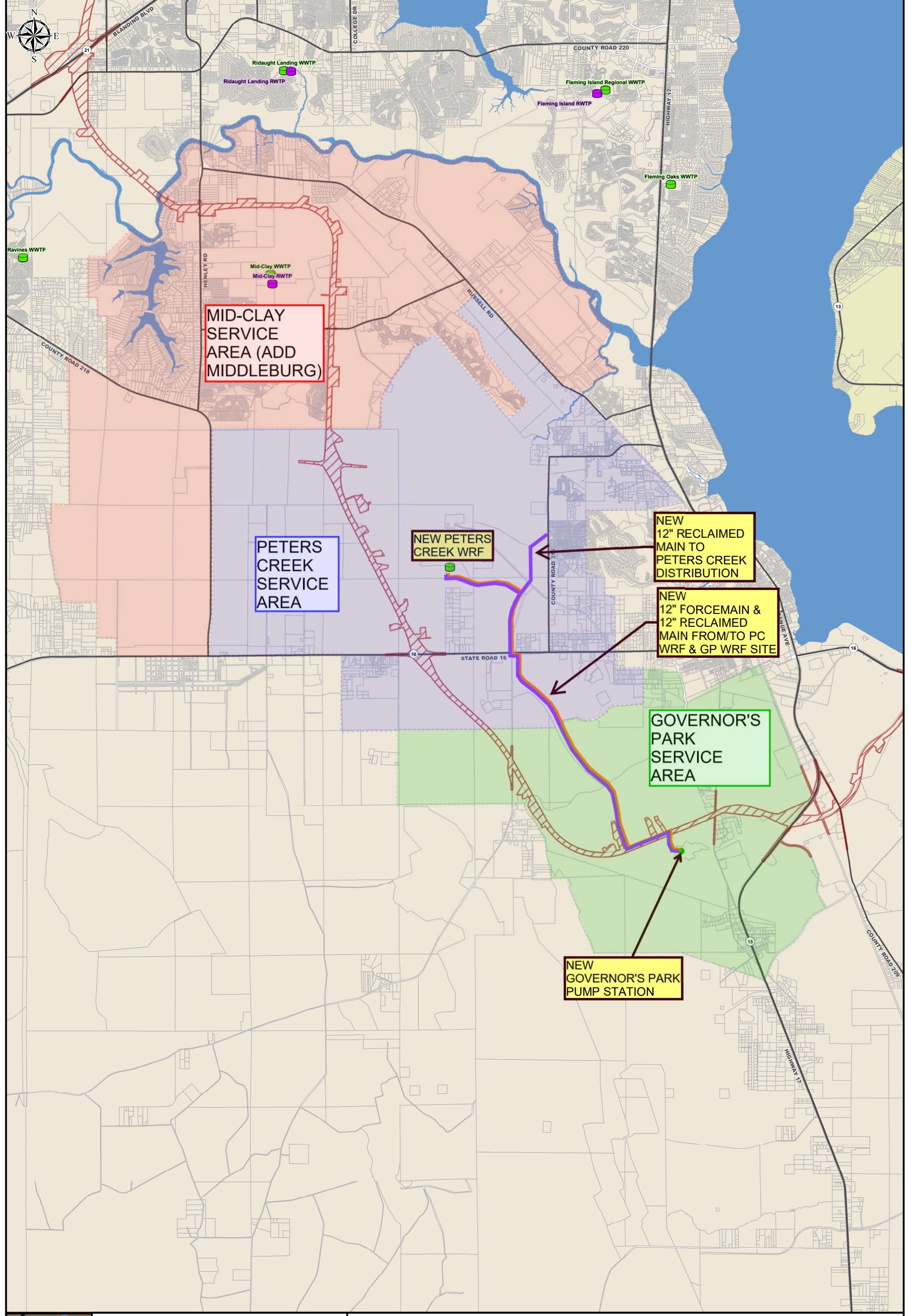
GRAPHIC SCALE



PETERS CREEK WATER RECLAMATION FACILITY
CLAY COUNTY UTILITY AUTHORITY
OCTOBER 2022

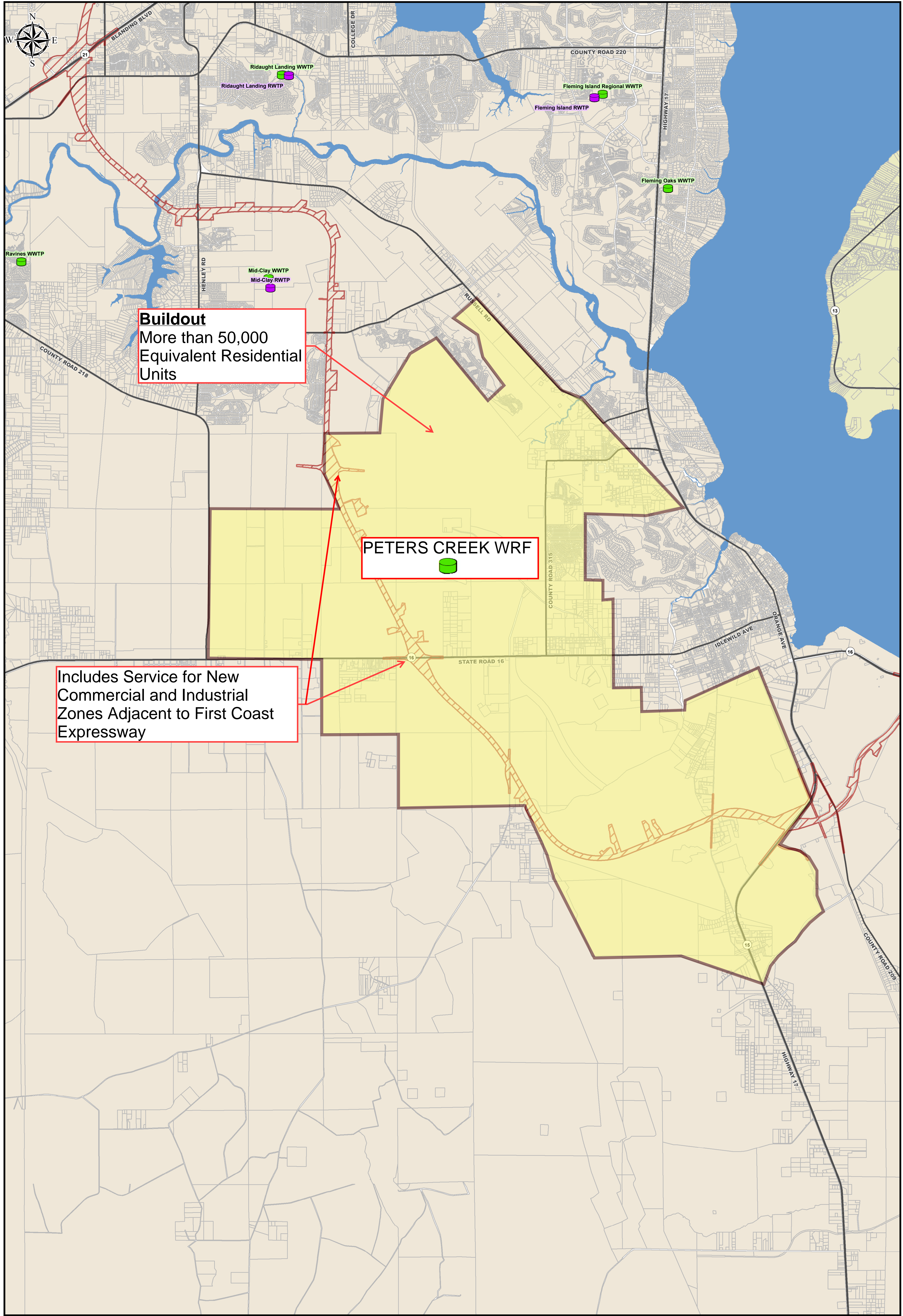


ARDURRA



Clay County Utility Authority
 3176 Old Jennings Road
 Middleburg, Florida 32068-3907
 Phone (904) 272-5999

Project:
WRF Service Areas
Info: Department: ENG
 Prepared by: DJD
 Date: 1/25/2022



Buildout
 More than 50,000
 Equivalent Residential
 Units

PETERS CREEK WRF

Includes Service for New
 Commercial and Industrial
 Zones Adjacent to First Coast
 Expressway



Clay County Utility Authority
 3176 Old Jennings Road
 Middleburg, Florida 32068-3907
 Phone (904) 272-5999

Project:
Peters Creek WRF Service Territory

Info:
 Department: ENG
 Prepared by: DJD
 Date: 07/28/2022
 Scale: 1 inch = 3,000 feet

EXECUTIVE SUMMARY

AGENDA ITEM:

Proposed award of contract to Wharton-Smith, Inc, with deductive change order based on voluntary reductions for the Peters Creek Water Reclamation Facility Expansion and Pipelines Project
CCUA Bid No. 22/23-A05
CCUA Project No.: 2211-0042/2022-106
CCUA Financial Job No.: 22003SP

Date: March 3, 2023

BACKGROUND:

Staff advertised the subject project on CCUA's Bonfire Procurement Platform and Florida Times Union on October 27, 2022. An Onsite Pre-Bid Meeting was held on November 8, 2022 and was attended by four (4) Contractors. On December 21, 2022, Bid Opening, CCUA received (1) one bid from Wharton-Smith, Inc. in the amount of \$65,573,000 for the WRF.

The bid amount for this project significantly exceeded the Engineer of Record's (EOR's) Opinion of Probable Construction Cost (OPCC) which was \$36,400,000. Staff and the EOR did not understand the basis for the significant difference between the OPCC and the bid received. Because of this difference as well as there being a single bidder, staff requested the Board of Supervisors defer action at the January 3, 2023, Board meeting. Staff also requested authorization to speak with the single bidder to understand the basis for the bid and discuss the potential for voluntary reductions.

Staff briefed the Board of Supervisors regarding status of the project discussions at the February 21, 2023, Board meeting. Staff indicated we will bring forth a recommended scope of work, price, and contract incorporating the voluntary reductions agreed to with the single bidder. Staff is presenting the results of this effort today for the Board of Supervisors consideration. Wharton-Smith, Inc. bid based on voluntary reductions is now stated at \$55,088,600.00

BUDGET:

Staff continues to work through the Capital Improvement Program (CIP) contingencies and project delays to accommodate the Peters Creek and Governor's Park Projects. Staff identified \$20,609,249.82 in CIP contingency and \$75,249,273.06 in potential projects in the current and next fiscal year that could be delayed to accommodate construction of these projects. Staff itemized the intended project budgets and contracts below. Staff will present an updated CIP at an upcoming Board of Supervisors meeting.

//DP (Author)
//DP, PS, AB (Review)
//PS (Final)

Capital Improvement Program (CIP) Budgets:	
Peters Creek WRF Phase II:	\$ 43,819,540.00
Peters Creek WRF Land Acquisition:	\$ 3,000,000.00
Project Transfers from Delayed Projects:	\$ 41,524,718.08
Total CIP Project Budget:	\$ 88,344,258.08
Current and Proposed Contracts:	
Original Design and Bidding Services with Ardurra:	\$ 3,564,608.00
Previous Change Orders for Interim Modifications:	\$ 76,960.80
Design and Bidding Amendment #3 with Ardurra:	\$ 690,013.00
Peters Creek Pre-purchase of Equipment:	\$ 15,492,603.20
Peters Creek WRF Expansion with Wharton Smith:	\$ 55,088,600.00
Governor's Park Site Civil with PSCC:	\$ 1,905,000.00
Governor's Park LS and RWPS with Sawcross, Inc.:	\$ 7,683,000.00
Governor's Park Pre-Purchase Equipment:	\$ 609,643.08
Sub-Total Design and Construction Services Contracts:	\$ 85,110,428.08
Total Construction Contingency:	\$ 3,233,830.00
Total Design and Construction Services Contracts:	\$ 88,344,258.08

RECOMMENDATION:

Staff respectfully requests the Board of Supervisors' approve of the award of contract to Wharton-Smith, Inc, with deductive change order based on voluntary reductions for the Peters Creek Water Reclamation Facility Expansion and Pipelines Project Bid No. 22/23-A05. Additionally, staff requests approval of the attached Contract Documents and bid opening minutes.

ATTACHMENTS:

Florida Times Union Advertisement
Pre-Bid Meeting Attendance
Bid Opening Attendance
Defer Action Memorandum for CUA Bid No. 2022/2023-A05
Ardurra, Inc. updated SOW and Standard Form of Agreement
Concept Drawings – Appendix E to the Bid Specifications
Wharton-Smith, Inc. signed Voluntary Reduction Letter

//DP (Author)
//DP, PS, AB (Review)
//PS (Final)

**Wharton-Smith, Inc. signed
Voluntary Reduction Letter**

Clay County Utility Authority

Peters Creek WRF Expansion and pipeline

Project Bid No. 2022/2023-A05



Voluntary Reduction Proposal

February 28, 2023

Presented by Wharton-Smith



Wharton-Smith Contact:
Mike Alexakis – Area Manager Water
malexakis@whartonsmith.com

EXECUTIVE SUMMARY

February 28, 2023

Mr. Paul Steinbrecher, PE
Chief Engineer
Clay County Utility Authority
3176 Old Jennings Road
Middleburg, Florida 32068

Re: Peters Creek WRF Expansion and Pipeline Project Bid No. 2022/2023-A05
Voluntary Reduction Proposal

Dear Mr. Steinbrecher,

Wharton-Smith, Inc. submitted a bid to CCUA on December 21, 2022 for the Peters Creek Water Reclamation Facility Expansion and Pipeline project. The bid amount was \$65,537,000. Due to budgetary issues, Wharton-Smith, Inc, CCUA and Ardurra Group, Inc. entered into negotiations to provide Voluntary Reduction services to reduce the contract amount.

This letter summarizes the scope changes and break down of costs for each Voluntary Reduction item. Based on the Voluntary Reduction work performed, a total of \$10,448,400 will be deducted from the contract. The new total contract amount to Wharton-Smith, Inc. for this project will be \$55,088,600. Please note the project price will not change as long as the scope remains per the list below and as shown on the attached conceptual level drawings provided by Ardurra Group, Inc.

List of scope clarifications:

Voluntary Reduction item #01 - \$2,965,313

Description – Relocation of wet weather pond and reject pond outside of Reinhold property.

Design update and scope change – Reject Pond to enlarge due west. Reject pond liner included in the base bid contract. Wet weather ponds to be relocated west of reject pond.

Voluntary Reduction item #02 - \$2,818,962

Description – Elimination of RIBS, reduction of storm piping, reduction in road work scope, storm water pond changes

Design update and scope change

Existing and new RIB work and all associated piping is removed from the Contract. The existing storm water pond will be reconstructed, and the new north pond is removed from the scope. Storm water piping reduced with the majority of the pipe consisting of 18". A small run less than 100' may need to be upsized to 36" and a structure may need to be added in the existing storm water pond. The reconstructed storm water pond will be deeper per the new attached drawings.

The east plant road is being eliminated with a turnaround added at the north end between the clarifiers and the filters for truck access. The plant entrance road will be reduced to a gravel driveway. Asphalt will commence at the plant entrance for the remaining road. The road going to the wet weather pond and access roadways around the main loop shall be gravel per the drawings herein.

Voluntary Reduction item #03 - \$513,661

Description – Elimination of storm water pump station and wet weather pump station

Design update and scope change

All work associated with the storm water pump station and wet weather pump station is being removed from the contract. This includes underground utility, concrete, mechanical, and electrical work.

Voluntary Reduction item #04 - \$118,230

Description – Reclaimed water pump station building modifications

Design update and scope change

The reclaimed water pump station shall consist of a precast electrical building or pre-engineered metal building with two (2) pre-installed HVAC units sized 3 tons each. The electrical building shall be standard construction and sized as 12' x 40' x 10'. The building shall be large enough for analyzer panels and instruments to be installed within.

The reclaimed water pump station slab shall be outside without any weather proofing. It is assumed that structurally the area will remain the same so that the slab can accommodate a masonry structure in the future by others if desired.

Voluntary Reduction item #05 - \$667,027

Description – Main electrical building changes and elimination of operations building

Design update and scope change

The operations building shall be removed from the scope of work inclusive of the parking lot. The electrical equipment housed in the operations building shall be installed in the existing three-sided structure by the digesters on the second phase of the project. No changes shall be made to the existing three-sided electrical room. The electrical gear shall be top fed for this area.

The main electrical building shall be eliminated. In its place, we are to construct a 2,000 square foot pre-engineered metal building similar to the construction at the Potable Reuse Facility at MidClay WRF with final finish colors selected by CCUA. The new "Operations/Maintenance/Main electrical building" shall consist of an adequately sized electrical room for all necessary electrical gear, (1) common room to include 12' of basic counter space for lab equipment and servers/SCADA equipment and operator desk space, (2) bathrooms, (1) shower, and basic space for metal lockers. For ease of construction the building shall be hot dip galvanized. Finishes shall be similar to MidClay WRF. A fire suppression system has not been included.

Metal Building colors and wainscot fascia will need to be from the standard color selections by the Owner. Acoustic ceiling panels will be used in all areas except the electrical room. Floors shall either be concrete or VCT. Standard modern tiling will be utilized in bathroom and shower areas. Final layout shall be per the drawings within this deliverable.

Voluntary Reduction item #06 – \$1,165,300

Description – Oxidation Ditch manufacturer change and coating change for ground storage tank

Design update and scope change

Precon Corp shall be the manufacturer of the oxidation ditch, clarifiers, and ground storage tank. The specifications shall be altered to incorporate the manufacturer exceptions. Coatings are also eliminated within the RCW ground storage tank.

Voluntary Reduction item #07 - \$135,761

Description – Resize NaOCl structure

Design update and scope change

The NaOCl building is going to be sized for the current needs of (2) storage tanks. The precast building for the chemical skid will be eliminated. The metal building/shed roof over the chemical tanks shall be sized to incorporate the chemical feed skid as well. Building shall be hot dip galvanized and building colors shall be selected from the standard color chart.

Voluntary Reduction item #08 - \$500,000

Description – Allowance reductions

Design and scope change

The gopher tortoise allowance shall be reduced by \$400,000 due to the reduction in scope. This work will be conducted by the Engineer of Record. Wharton-Smith, Inc. will maintain responsibility to coordinate this item. The geotechnical testing allowance shall be reduced by \$100,000 due to the reduction in scope reflecting the reduced scope for effluent management.

Voluntary Reduction item #09 - \$123,434

Description – Canopies

Design and scope change

All metal canopies are being removed from the contract with the exception of the canopy over the polymer storage.

Voluntary Reduction item #10 - \$100,000

Description – Fence reduction

Design and scope change

The perimeter plant fence shall be installed within the new perimeter of the site near the ground storage tank and the weather pond. The fence will not encompass the old location of the RIBS on the southeast side of the site or at the north where the storm water pond was to be constructed.

Voluntary Reduction item #11 - \$184,922

Description – Pipeline material reduction

Design and Scope change

Coordination of scope between bidder and pre-purchased material has resulted in savings of pipe material. The minimum separation between the parallel pipelines shall be 8' edge to edge instead of 3' as currently shown in the documents.

Voluntary Reduction item #12 - \$218,040

Description – Elimination of Odor Control system

Design and Scope change

The odor control system is removed from the scope in its entirety. The headworks will include appurtenances for later addition when needed.

Changes and reductions outside of Contract

Voluntary Reduction item #13 - \$1,631,050

Description and change – This is pipe material associated with Voluntary Reductions 1, 2, and 3 above. This material was to be procured by CCUA directly. Additionally, Wharton-Smith, Inc. has coordinate material supply lists and streamlined material procurement between all parties.

Voluntary Reduction item #14 - \$224,135

Description and change – This is the value of the submersible pumps associated with the storm water pond and wet weather pond. CCUA will not be purchasing this equipment at this time.

Voluntary Reduction item #15 - \$84,500

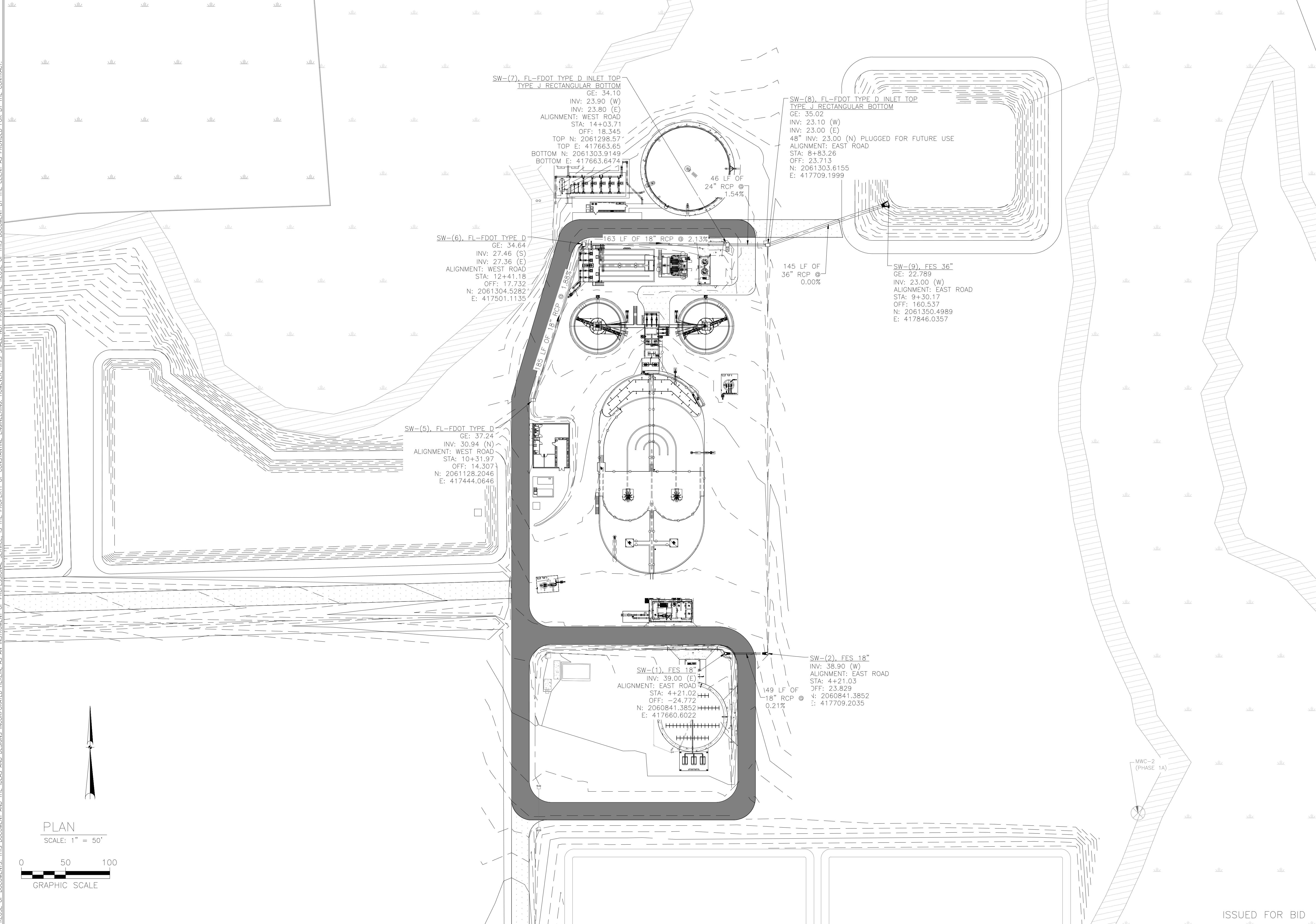
Description and change – It is expected that there is a total of \$1.3 million of material procurements within Wharton-Smith, Inc. Contract that will be purchased directly by CCUA. This value reflects the tax savings.

We appreciate this opportunity to serve CCUA. As always, I am available to discuss at your earliest convenience.

Very respectfully,

Mike Alexakis
Area Manager, Central and North Florida Water
Wharton-Smith, Inc.

H:\PROJECT FILES\100435 CLAY COUNTY UTILITY AUTH\100435.07 PETERS CREEK WRF\3 DESIGN\ISSUED FOR BID\10_XREF\NOT USED\BC-EDF-SITE_WRF_NEW.DWG
 REUSE OF DOCUMENTS: THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF CONSTANTINE ENGINEERS. HOWEVER, THIS SHALL NOT PROHIBIT THE REUSE OF THIS DOCUMENT BY THE CLIENT AS PROVIDED FOR BY THE CONTRACT.

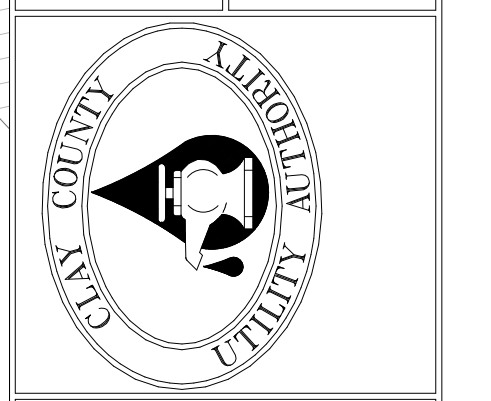


ENGINEER SEAL	
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NO.	DATE	DESIGNED BY:	DRAWN BY:	REVISION	CHECKED BY:	APPROVED BY:

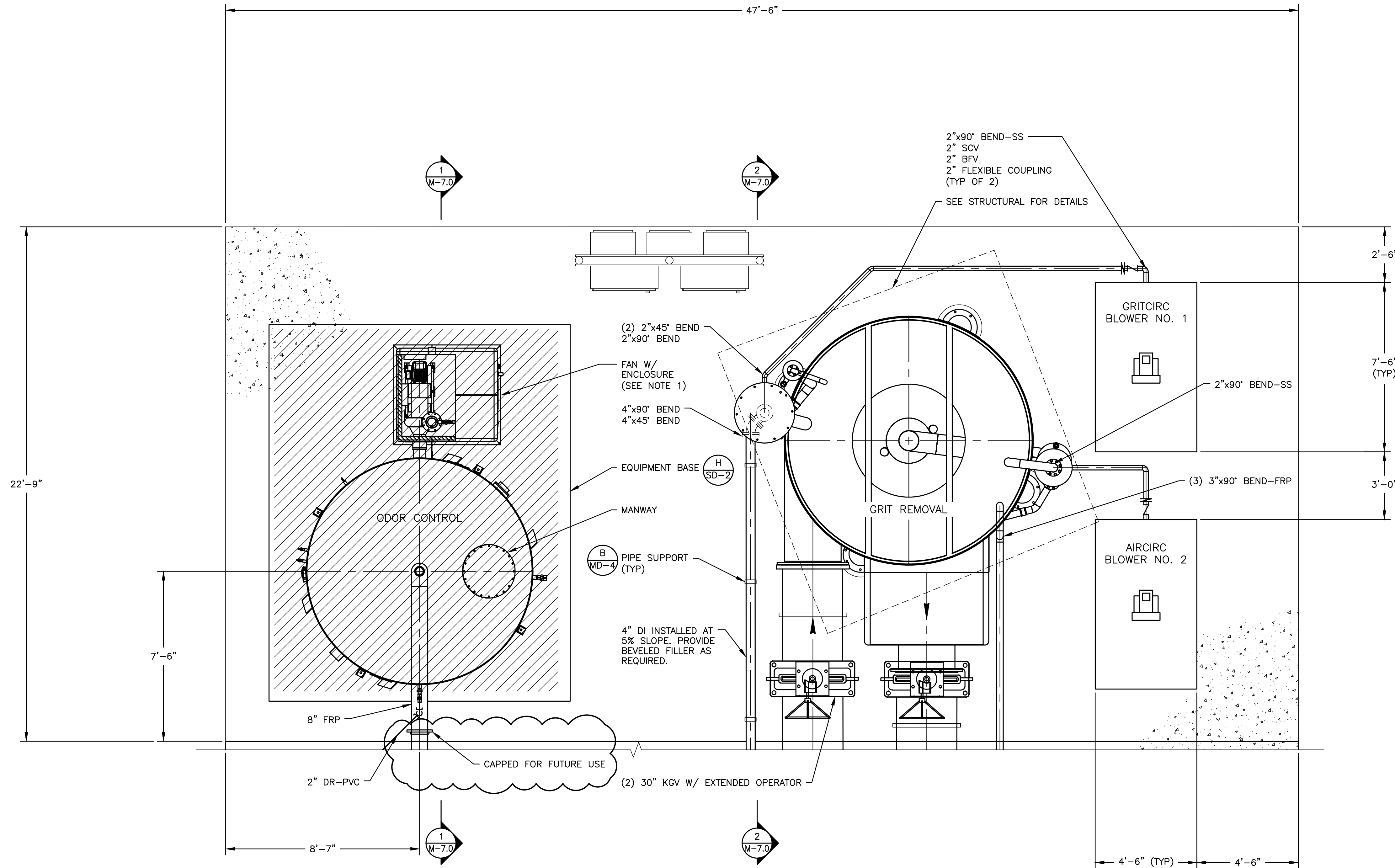
**SCOPE REDUCTION
PRELIMINARY PLAN**

**PETERS CREEK
WATER RECLAMATION FACILITY
EXPANSION PROJECT**



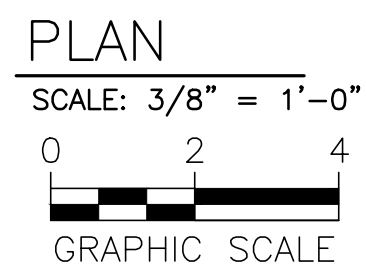
ARDURRA
 COLLABORATE. INNOVATE. CREATE.
 100 CENTER CREEK RD. SUITE 108
 ST. AUGUSTINE, FL 32084
 (904) 562-1185
 FL. CERTIFICATE OF AUTHORIZATION # 2610

FILE	SEE LEFT
	VERIFY SCALE
	BAR IS ONE INCH ON ORIGINAL DRAWING
DATE	OCT 2022
PROJ.	100435.07
DWG	



LEGEND:
 DELETE WORK PER VOLUNTARY REDUCTION

NOTES:
 1. SEE ODOR CONTROL SPECIFICATION FOR MINIMUM CLEARANCE IN FAN ENCLOSURE.



ENGINEER SEAL

NO.	DATE	DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
		KWS	KWS	X	X

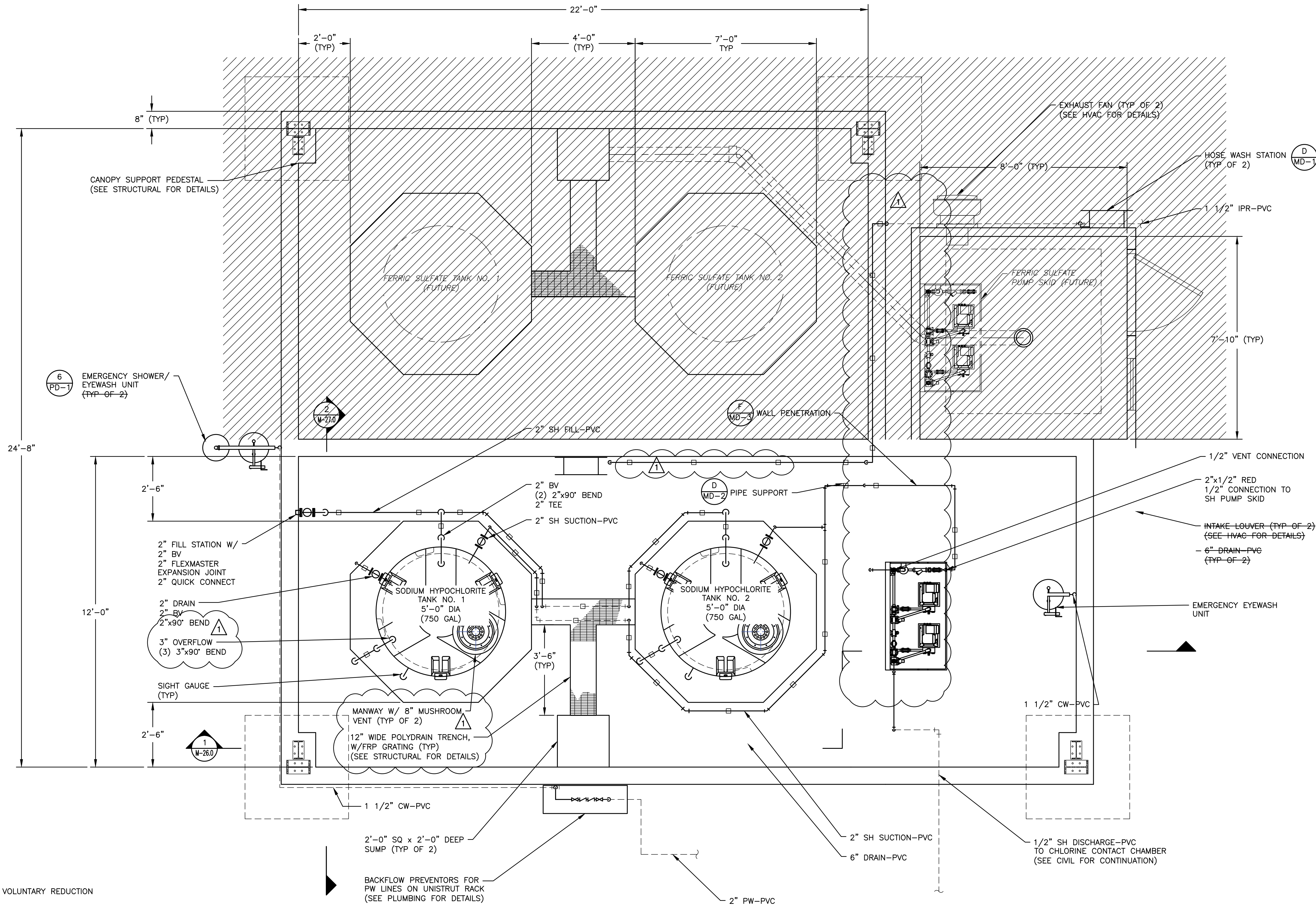
ODOR CONTROL & GRIT REMOVAL PLAN

PETERS CREEK
 WATER RECLAMATION FACILITY
 EXPANSION PROJECT



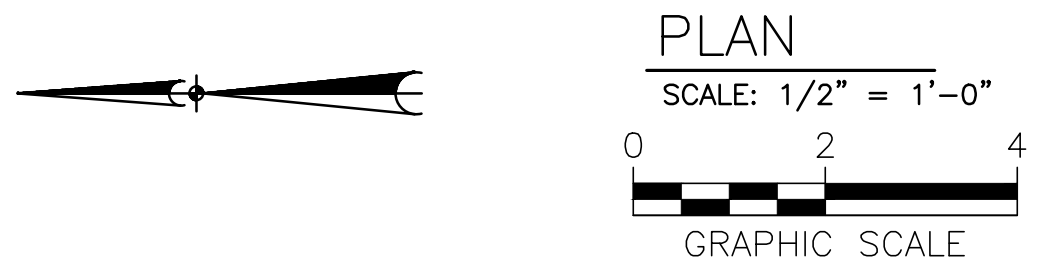
ARDURRA
 COLLABORATE. INNOVATE. CREATE.
 100 CENTER CREEK RD, SUITE 108
 ST. AUGUSTINE, FL 32084
 (904) 562-2185
 FL. CERTIFICATE OF AUTHORIZATION # 2610

FILE SEE LEFT
 VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING
 DATE OCT 2022
 PROJ. 100435.07
 DWG. M-6.0



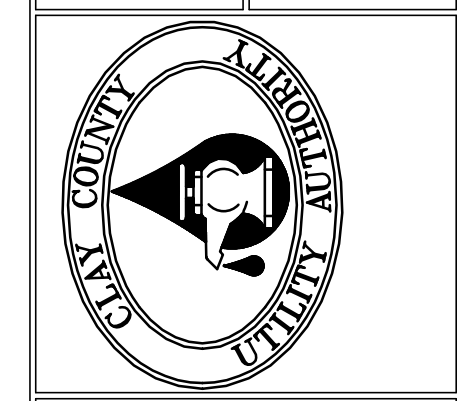
LEGEND:
 DELETE WORK PER VOLUNTARY REDUCTION

- NOTES:**
- ALL PVC PIPING SHALL BE SCHEDULE 80.
 - ALL CHEMICAL AND SAMPLE CARRIER PIPING BELOW GRADE SHALL BE NYLON REINFORCED TUBING BY PACIFIC ECHO, OR EQUAL. THE NYLON TUBING CARRIER PIPING SHALL BE INSTALLED INSIDE A 3" SCHEDULE 80 PVC CONTAINMENT PIPE. 3 FEET OF EXTRA TUBING BEYOND THE LENGTH OF PVC SHALL BE PROVIDED ON BOTH SIDES. HOSE BARBS SHALL BE PROVIDED AT EACH END OF TUBING TO TRANSITION TO PVC AS NEEDED.
 - ALL SMALL DIAMETER PIPING 6-INCH OR LESS SHALL BE SLEEVED UNDER STRUCTURES USING THE NEXT PIPE DIAMETER SIZE UP. THE PIPE SLEEVE SHALL RUN 3 FEET BEYOND THE STRUCTURE ON BOTH SIDES.



ENGINEER SEAL	
DAR	
AG	
REVISED PER ADDENDUM NO. 8	
11/22	
NO. 1 DATE	DESIGNED BY: AG
REVISION	DRAWN BY: AG
CHECKED BY: X	APPROVED BY: X

CHLORINATION SYSTEM PLAN
 PETERS CREEK WATER RECLAMATION FACILITY EXPANSION PROJECT



ARDURRA
 COLLABORATE. INNOVATE. CREATE.
 100 CENTER CREEK RD, SUITE 108
 ST. AUGUSTINE, FL 32084
 (904) 562-2185
 FL CERTIFICATE OF AUTHORIZATION # 2610

FILE	SEE LEFT
	VERIFY SCALE
	BAR IS ONE INCH ON ORIGINAL DRAWING
DATE	OCT 2022
PROJ.	100435.07
DWG.	M-25.0

Agency information related to permits

1. FDEP-Modification to Capacity Permit: Dung Vo, P.E., 904-256-1618, dung.vo@FloridaDEP.gov
2. FDEP-Collection/Transmission System Permit and ERP: Jennifer Lyles, 904-256-1666, jennifer.lyles@floridaDEP.gov
3. SJRWMD-ERP: Cammie Dewey, 407-659-4839, cdewey@sjrwmd.com
4. FWC Gopher Tortoise Relocation Permit: Species Conservation Planning Section, 850-921-1031, gtpermits@myfwc.com (staff was given this general contact)



CLAY FLORIDA

Economic Development Corporation
POSSIBILITY FLOWS | JUST SOUTH OF JACKSONVILLE

BOARD OF DIRECTORS

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Reinhold Corporation

Vice-Chairman:

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HCA Florida OP Hospital

PRESIDENT
Crawford Powell

December 20, 2022

Jeremy Johnston, P.E.
Clay County Utility Authority
3176 Old Jennings Road
Middleburg, FL 32068

Dear Mr. Johnston,

Clay County Economic Development Corporation (Clay EDC) wishes to express our support for necessary utility infrastructure development in strategic locations which will facilitate job creation for our community. Clay County currently has a 0.1% vacancy rate in 5.4 million square feet of industrial space. Concurrently, there is no more industrial space under construction. To support targeted advanced manufacturing job creation, there is a critical need for industrial space with necessary utility infrastructure at the site.

In the past two years, Clay EDC was unable to submit industrial sites or spaces on over 20 project inquiries. These inquiries could have yielded over 1,000 high wage jobs and several hundred millions of capital expenditure for the community. Concurrently, Clay EDC was forced to submit less than competitive sites on over 30 project inquiries with even greater perceived loss.

Florida Department of Transportation is currently spending over \$1.9B to construct the First Coast Expressway through Clay County. This project includes seven new interchanges in the county. The land surrounding those interchanges is primarily undeveloped and prime for industrial development.

The proposed Peter's Creek Industrial Park has quick and unencumbered access to the expressway. The 549-acre site is strategically selected for the land volume, location, proximity to utility infrastructure, and proximity to workforce. The Peter's Creek Treatment Facility is centered in the site. Expanding this facility to provide water capacity for industrial site development will yield tremendous jobs and capital expenditure for the community.

Clay County is one of the fastest growing counties by population percentage. As a suburb of Jacksonville, over 77% of the workforce commutes out of the county for employment. Clay County is #2 in Florida for highest average commute time (31 minutes). Local job centers will reduce this trend. Industrial sites or space is in high demand and desperately needed to support our targeted industries. Water service is a critical need for advanced manufacturing projects at these developments.

We sincerely thank you for your efforts and working to support the creation of local job centers for the community.

Sincerely,



Crawford Powell, President



Florida House of Representatives

Representative Bobby Payne District 19

District Office:
3841 Reid Street Suite 5
Palatka, FL 32177-2509
Phone: (386) 312-2272
(386) 329-3777

Tallahassee Office:
222 The Capitol
402 South Monroe Street
Tallahassee, FL 32399-1300
Phone: (850) 717-5019

COMMITTEES:
Ways & Means Committee, *Chair*
State Affairs Committee, *Vice Chair*
Redistricting Committee

August 16, 2022

Governor Ron DeSantis
Plaza Level, The Capitol
400 South Monroe Street
Tallahassee, Florida 32399-1100

Dear Governor DeSantis:

It is my pleasure to support Clay County Utility Authority's application for a Public Infrastructure Grant through the Florida Job Growth Grant Program. The proposal expands an existing reclamation facility to allow for new commercial and industrial development. The project will benefit economic development efforts in Clay County and does meet the criteria of the Job Growth Grant program.

The project would substantially increase water reclamation capabilities in an area located just west of the City of Green Cove Springs and adjacent to the new Florida First Coast Expressway. It is our understanding that through the Peters Creek Reclamation Facility, there would be an estimated 2,000 jobs created through this upgrade. As you know from 2000 to 2010, Clay County's population increased from 140,000 to 190,000 residents, an increase of 35%, more than double the growth rate of Florida's overall population growth. Growth in Clay is not expected to slow over the next several years and these enhancements will help CCUA further meet the projected growth. The facility would meet the needs of local businesses and the residential growth that is continuing to come to the area due to your ability to facilitate economic growth and leadership.

The local community is invested in this project and it would be fantastic to have additional state support through the Job Growth Grant program. I greatly appreciate your consideration of this project. Please feel free to reach out to me for any additional information.

Sincerely,

A handwritten signature in blue ink that reads "Bobby Payne".

State Representative Bobby Payne
District 19



THE FLORIDA SENATE

Tallahassee, Florida 32399-1100

SENATOR JENNIFER BRADLEY
5th District

COMMITTEES:
Community Affairs, *Chair*
Agriculture, *Vice Chair*
Appropriations Subcommittee on Agriculture,
Environment, and General Government
Education
Ethics and Elections
Judiciary
Reapportionment

SELECT SUBCOMMITTEE:
Select Subcommittee on Congressional
Reapportionment, *Chair*

JOINT COMMITTEES:
Joint Legislative Auditing Committee
Joint Select Committee on Collective Bargaining

August 12, 2022

Governor Ron DeSantis
Plaza Level, The Capitol
400 South Monroe Street
Tallahassee, Florida 32399-1100

Dear Governor DeSantis:

I am pleased to offer my support for the Clay County Utility Authority's application for a Public Infrastructure Grant through the Florida Job Growth Grant Program. The utility's proposal would expand an existing reclamation facility to allow for new commercial and industrial development. I believe the project would greatly benefit economic development efforts in Clay County and meets the criteria of the Job Growth Grant program.

This worthwhile project would increase water reclamation capabilities in an area located just west of the City of Green Cove Springs and adjacent to the new Florida First Coast Expressway. An estimated 2,000 in demand jobs is estimated to be created with this upgrade to the Peters Creek Reclamation Facility, allowing businesses to locate and be served in the the Peter's Creek Industrial Park. Additionally, the facility expansion will help meet the needs of residential growth in the area, as Northeast Florida continues to be a desirable destination for relocation thanks to our economic growth and your leadership.

I greatly appreciate your consideration of this worthwhile project. Please feel free to reach out to me for any additional information about this project.

Sincerely,

A handwritten signature in blue ink that reads "Jennifer Bradley".

Jennifer Bradley

cc: Secretary Dane Eagle

REPLY TO:

- ☐ 1279 Kingsley Avenue, Kingsley Center, Suite 117, Orange Park, Florida 32073 (904) 278-2085
- ☐ 324 Senate Building, 404 South Monroe Street, Tallahassee, Florida 32399-1100 (850) 487-5005

Senate's Website: www.flsenate.gov

WILTON SIMPSON
President of the Senate

AARON BEAN
President Pro Tempore