

CITY OF GREEN COVE SPRINGS CITY COUNCIL REGULAR SESSION

321 WALNUT STREET, GREEN COVE SPRINGS, FLORIDA
TUESDAY, FEBRUARY 02, 2021 – 7:00 PM



Anyone wishing to address the city council regarding any topic on this agenda is requested to complete a card available at the city clerk's desk. Speakers are respectfully requested to limit their comments to three (3) minutes.

The city council prohibits the use of cell phones and other electronic devices which emit an audible sound during all meetings with the exception of law enforcement, fire and rescue or health care providers on call. Persons in violation may be requested to leave the meeting

AGENDA

Invocation & Pledge of Allegiance to the Flag - **Pastor Pope, Springs Baptist Church**

Roll Call

Mayor to call on members of the audience wishing to address the Council on matters not on the Agenda.

AWARDS & RECOGNITION

1. Proclamation - Black History Month

PUBLIC HEARINGS

2. Second and Final Reading of Ordinance No. O-01-2021, an Ordinance amending Chapter 90 of the City Code Article II Electric Utility, Division 2. Service Applications and Contracts by amending Section 90-24 entitled "Utility Payment Extensions" **Marlena Guthrie**
3. First Reading of Ordinance No. O-16-2020, amending Section 101-5 to add new definitions and revise definitions for lot width and setback, establishing Section 101-160 concerning flag lot requirements, and amending Sections 113-131 and 113-132 to revise access requirements. **Michaels Daniels**

CONSENT AGENDA

All matters under the consent agenda are considered to be routine by the city council and will be enacted by one motion in the form listed below. There will be no separate discussion on these items. If discussion is desired, that item will be removed from the consent agenda and will be considered separately. Backup documentation and staff recommendations have been previously submitted to the city council on these items.

4. City Council approval of Minutes from 1/05/2021 and 1/19/2021 Regular Sessions. **Erin West**
5. City Council approval of funding, and authorization for the City Manager to execute, a task order in the amount of \$696,500.00 to Mittauer & Associates for FDEP Grant / Loan Administration,

Construction Material Review and Approval, Construction Inspection and Administration, SRF Davis-Bacon and American Iron and Steel monitoring requirements, providing Resident Construction Inspector, Start-Up Services, and As-Built / O&M Manual Development for the Phase II Harbor Road Advanced Wastewater Treatment Facility. **Scott Schultz**

6. City Council approval of Pay Application #5 to KBT Contracting Corp in the amount of \$59,234.40 for the ASACC Library Building project. **Steve Thomas**
7. Friends of Augusta Savage "BHM" Community Outreach **Kim Thomas**
8. City Council approval of, and authorization for the Mayor to execute, Disbursement Request #9 in the amount of \$19,500.00 to the Design Loan Agreement for the Florida Department of Environmental Protection (FDEP), Drinking Water State Revolving Fund (SRF) Loan Application DW 100102 for \$356,800.00, for the design of capital improvements to the City's Water System. This is the final invoice for the Magnolia Point Cul-de-Sac Pressure Improvement portion of the overall project. **Scott Schultz**
9. City Council approval of funding in the amount of \$32,910.15 to Gresco for underground boring conduit for the Electric Department. **Scott Schultz**
10. City Council approval to surplus aluminum roof from pipe storage building at the Harbor Road WWTF. **Scott Schultz**
11. City Council approval to surplus aluminum carport removed from the Old Police Department. **Scott Schultz**
12. City Council approval of Pay Request #5 in the amount of \$112,247.25 to General Underground for Bid Award LC 2020-06, Reynolds Water System Improvements in the amount of \$685,724.00 (Base Bid), and Alternate #1 (water & sewer extension to MOBRO) in the amount of \$314,275.00 for a total amount of \$1,000,449.00. **Scott Schultz**
13. Review of Revised Site Development Plan for Harbor Road Wastewater Treatment Facility **Michael Daniels, Scott Schultz**
14. City Council approval of a purchase order to Danella Construction in the amount of \$125,590 to install underground conduit for Electric system improvements. **Andy Yeager**
15. City Council approval of adjustments to the Electric Department Wages. **Steve Kennedy**

COUNCIL BUSINESS

16. FMPA - January 2021 **Bob Page**
17. City Manager and City Attorney Reports and/or Correspondence/Executive Summary Reports.
18. City Council Reports and/or Correspondence.

Adjournment

The City Council meets the first and third Tuesday of each month beginning at 7:00 p.m., unless otherwise scheduled. Meetings are held in City Hall at 321 Walnut Street. Video and audio recordings of the meetings are available in the City Clerk's Office upon request.

City may take action on any matter during this meeting, including items that are not set forth within this agenda.

Minutes of the City Council meetings can be obtained from the City Clerk's office. The Meetings are usually recorded, but are not transcribed verbatim for the minutes. Persons requiring a verbatim transcript may make arrangements with the City Clerk to duplicate the recordings, if available, or arrange to have a court reporter present at the meeting. The cost of duplication and/or court reporter will be at the expense of the requesting party.

Persons who wish to appeal any decision made by the City Council with respect to any matter considered at this meeting will need a record of the proceedings, and for such purpose may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is based. The City is not responsible if the in-house recording is incomplete for any reason.

ADA NOTICE

In accordance with Section 286.26, Florida Statutes, persons with disabilities needing special accommodations to participate in this meeting should contact the City Clerk's office no later than 5:00 p.m. on the day prior to the meeting.

PUBLIC PARTICIPATION:

Pursuant to Section 286.0114, Florida Statutes, effective October 1, 2013, the public is invited to speak on any "proposition" before a board, commission, council, or appointed committee takes official action regardless of whether the issue is on the Agenda. Certain exemptions for emergencies, ministerial acts, etc. apply. This public participation does not affect the right of a person to be heard as otherwise provided by law.

EXPARTE COMMUNICATIONS

Oral or written exchanges (sometimes referred to as lobbying or information gathering) between a Council Member and others, including staff, where there is a substantive discussion regarding a quasi-judicial decision by the City Council. The exchanges must be disclosed by the City Council so the public may respond to such exchanges before a vote is taken.

Proclamation

WHEREAS, Dr. Carter G. Woodson, founder of the Association for the Study of Negro Life and History, initiated Negro History (ASNLH) week in 1926, which grew into Black History Month during the 1970s; and

WHEREAS, The ASNLH was renamed in later years to The Association for the Study of African American Life and History (ASALH). The Association for the Study of African American Life and History organization announces the 2021 Black History Theme, “The Black Family: Representation, Identity, and Diversity”; and

WHEREAS, Black History Month is so designated to recognize, honor and record the historical contributions and achievements made by Blacks in the Armed Forces, Architecture, Arts, Business, Civil Rights, Economics, Education, Entertainment, Exploration, History, Law, Literature, Medicine, Music, Politics, Science and Sports; and

WHEREAS, February is nationally designated as Black History Month, and is annually set aside for all Americans to focus on the significant role African Americans have played in our Country’s history and in the shaping of our nation and culture; and

WHEREAS, the Green Cove Springs City Council wishes to maintain and promote harmonious inter-cultural relations and highlight the rich ethnic and cultural diversity throughout the City of Green Cove Springs and Clay County.

NOW, THEREFORE, BE IT PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AS FOLLOWS:

Section 1. The City Council hereby proclaims the month of February 2021 as “**Black History Month**” in the City Green Cove Springs and urges all citizens to join the Green Cove Springs City Council in celebrating February as Black History Month each year, and to share in the spirit of the Month and take part in related activities that reflect the goals of Black History Month.

Section 2. A true copy of this Proclamation shall be spread upon the Official Minutes of the City Council of the City of Green Cove Springs.

DONE AND PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, IN REGULAR SESSION THIS 2ND DAY OF FEBRUARY 2021.

CITY OF GREEN COVE SPRINGS, FLORIDA



B. Van Royal, Mayor

ATTEST:

Erin West, City Clerk



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: Regular Session **MEETING DATE:** February 2, 2021

FROM: Marlana Guthrie, Erin West

SUBJECT: Second and Final Reading of Ordinance No. O-01-2021, an Ordinance amending Chapter 90 of the City Code Article II Electric Utility, Division 2. Service Applications and Contracts by amending Section 90-24 entitled "Utility Payment Extensions" *Marlena Guthrie*

BACKGROUND

The City adopted Ordinance O-03-2016 in March of 2016, setting forth the rules and regulations for customers to obtain Utility Payment Extensions. Staff requests the changes to improve the program for customers. The changes will increase the length of time of the extension from one week to two weeks, removes the requirement for accounts to be in good standing and to have no active code violations. Staff requested these changes after observing those who needed the extension were having to use more than one per billing cycle to get them to their pay dates, and by lengthening the time for the extension this should give customers the full benefit of all three of their extension to use during the calendar year versus using them all during one billing cycle. We also know that the primary users of extensions are those whose accounts have delinquent payments so by removing this requirement we can benefit more customers.

FISCAL IMPACT

No anticipated fiscal impact.

RECOMMENDATION

Approval of Ordinance No. O-01-2021, an Ordinance amending Chapter 90 of the City Code Article II Electric Utility, Division 2. Service Applications and Contracts by amending Section 90-24 entitled "Utility Payment Extensions"

ORDINANCE NO. O-01-2021

AN ORDINANCE OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AMENDING CHAPTER 90 OF THE CITY CODE, ARTICLE II. ELECTRIC UTILITY, DIVISION 2. SERVICE APPLICATIONS AND CONTRACTS BY AMENDING SECTION 90-24 ENTITLED “UTILITY PAYMENT EXTENSIONS”, PROVIDING FOR REPEALER, SEVERABILITY, AND SETTING AN EFFECTIVE DATE.

WHEREAS, the City of Green Cove Springs wishes to amend its existing Utility Payment Extension policy.

NOW, THEREFORE BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA AS FOLLOWS:

SECTION 1. City Code Chapter 90-24, Utilities Payment Extension, is hereby amended, as follows:

- (a) The city’s utility payment extension offers qualifying customers the chance to extend their utility bill due date. Once the statement amount becomes past due, a payment extension may be granted to avoid service interruption. The customer must request a payment extension in writing prior to the disconnection date. Terms and conditions of a payment plan will be based on the following:
- (1) No Tampering/Fraud activity at any time.
 - (2) ~~Account in good standing~~ All existing extension(s) must be paid in full
 - (3) Account must be active for ~~90~~ 182 days
 - (4) No Insufficient or Non-Sufficient Funds “NSF” checks written to the city in the last 90 days
 - (5) ~~No pending city code enforcement proceedings or city code enforcement liens involving subject property.~~

If satisfactory arrangements are made with the City of Green Cove Springs Representative prior to disconnection, a ~~seven (7)~~ fourteen (14) calendar day extension from the disconnection date may be granted to the applicant. Customers shall be granted only one extension per cycle bill.

- (b) Payment extensions will be limited to three (3) within a 365-day period with at least 30 days between extensions. In order to obtain an extension, a customer must fill out a Utility Extension Request Form and submit to the Customer Service office at City Hall during regular business hours along with a photo ID. Exclusions and exceptions may be approved by the supervisor.

SECTION 2. REPEALER. Any Ordinances or parts thereof in conflict with the provisions of this Ordinance are hereby repealed to the extent of such conflict.

SECTION 3. SEVERABILITY. The various parts, sections and clauses of this

Ordinance are hereby declared severable. If any part, sentence, paragraph, section or clause is adjudged unconstitutional or invalid by a court of competent jurisdiction, the remainder of the Ordinance shall not be affected thereby.

SECTION 4. EFFECTIVE DATE. This Ordinance shall become effective upon passage.

INTRODUCED AND APPROVED AS TO FORM ONLY ON THE FIRST READING BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, ON THIS 19TH DAY OF JANUARY, 2021.

CITY OF GREEN COVE SPRINGS, FLORIDA

B. Van Royal, Mayor

ATTEST:

Erin West, City Clerk

PASSED ON SECOND AND FINAL READING BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, THIS 2ND DAY OF FEBRUARY, 2021.

CITY OF GREEN COVE SPRINGS, FLORIDA

B. Van Royal, Mayor

ATTEST:

Erin West, City Clerk

APPROVED AS TO FORM ONLY:

L. J. Arnold, III, City Attorney



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council **MEETING DATE:** February 2, 2021

FROM: Michael Daniels, AICP, Planning & Zoning Director

SUBJECT: First Reading of Ordinance No. O-16-2020, amending Section 101-5 to add new definitions and revise definitions for lot width and setback, establishing Section 101-160 concerning flag lot requirements, and amending Sections 113-131 and 113-132 to revise access requirements.

BACKGROUND

At the November 10th City Council meeting there was discussion regarding the development of residential lots that are commonly referred to as “flag lots”. Flag lots are parcels of land that are generally situated behind a lot or lots and do not meet the required lot width requirements at the required front yard setback. Approving this type of development conflicts with the lot width requirements of the underlying zoning districts. Beyond the code requirements, Planning staff has concerns about approving this type of development pattern for many reasons, particularly because of the potential concerns regarding access management and impact on emergency services. On the other hand, there are equity concerns when existing “flag lots” are rendered unusable for development purposes. As a result, in an effort to balance property rights concerns with public safety, City Council has directed staff to make revisions to the City’s Land Development Regulations to create flag lots as a lawful nonconforming use subject to specific restrictions in order to mitigate for potential public safety concerns. Staff has provided the following attachments for review purposes:

- Map of existing City Flag lots, 50% of the existing flag lot are developed.
- Proposed City Ordinance Revision provided in an underline and strike-thru version for your review.

Pursuant to the discussion at the Planning and Zoning Commission meeting on December 8th, staff has revised the ordinance to require the applicant to secure a special exception for the development of a flag lot, which was unanimously approved on a 4-0 vote on January 26, 2021.

HOUSING ELEMENT

GOAL 3: The City of Green Cove Springs shall make provisions for adequate and affordable housing that meets the physical and social needs of all segments of the current and future population of the City.

Objective 3.1: Adequate and Affordable Housing. The City shall continue to assist the private sector in providing dwelling units of various types, sizes, and costs to meet the housing needs of the current and future residents and residents with special housing needs

Policies 3.1.1: The City shall review, and revise if necessary, any ordinances, codes, regulations, and the permitting process to eliminate unnecessary requirements and requirements that may inhibit the provision of low and moderate income housing, and to streamline the development review process, while maintaining opportunity for public participation in the review process and insuring the health, welfare, and safety of the residents.

RECOMMENDATION

Staff recommends approval of the first reading of Ordinance No. O-16-2020, amending City Code Chapter 101, Article I; establishing Chapter 101, Article II, Division 3, Section 101-160 Flag Lots; and amending Chapter 113, Article II, Division 4 as to form and legality.

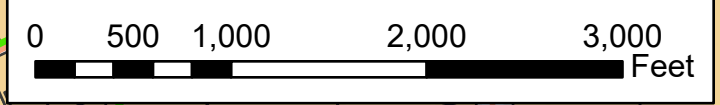
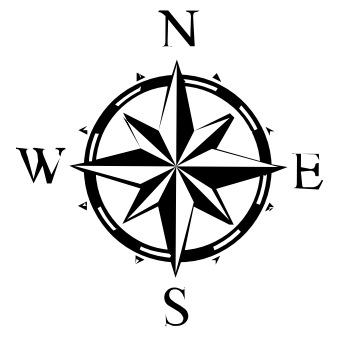
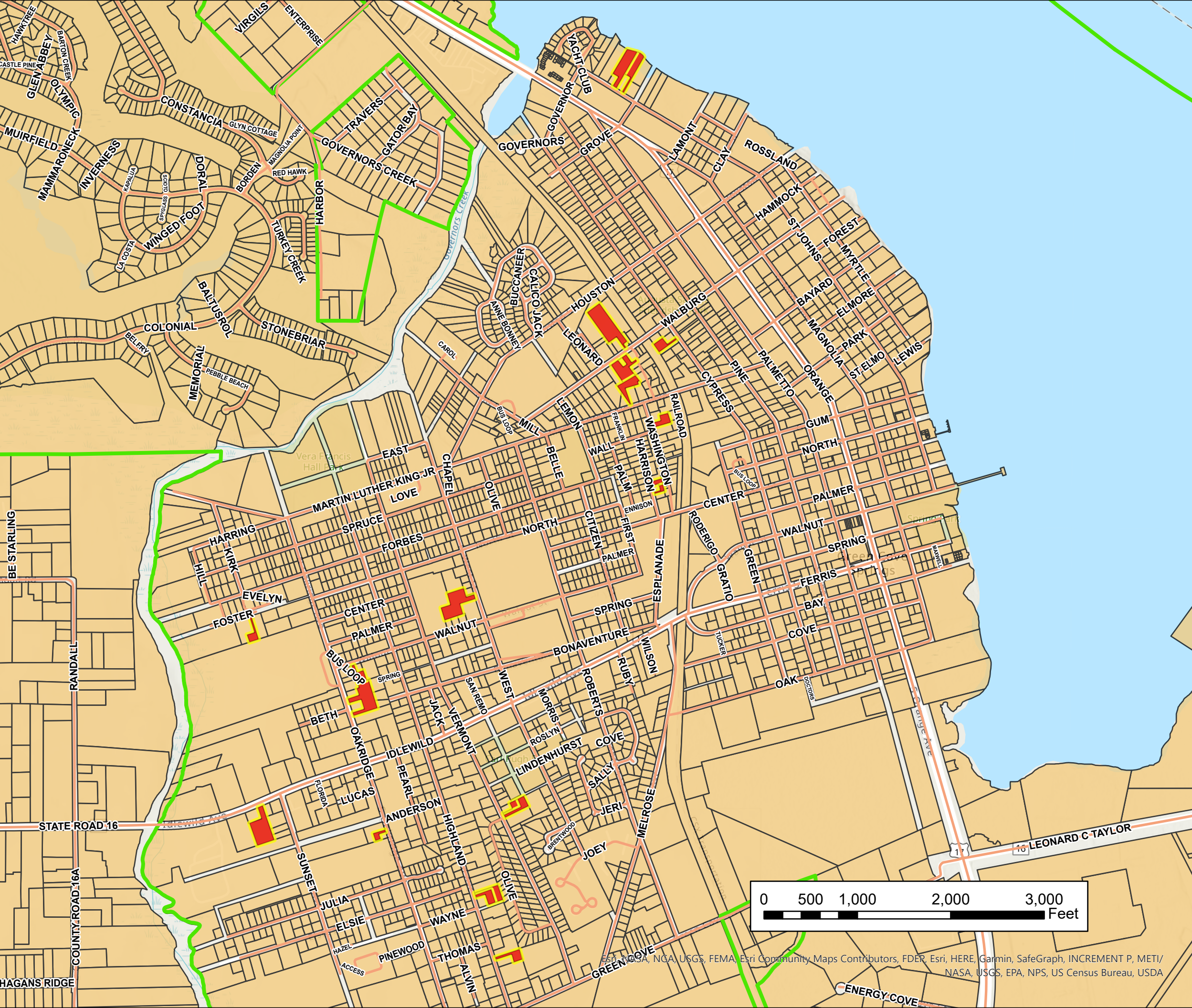
Motion: Approval of the first reading of Ordinance No. O-16-2020, amending City Code Chapter 101, Article I; establishing Chapter 101, Article II, Division 3, Section 101-160 Flag Lots; and amending Chapter 113, Article II, Division 4 as to form and legality.



Flag Lots

-  Flag Lot
-  Roads
-  Parcels
-  Municipal Boundary

Non-exhaustive visual representation of flag lots within the city.



Esri, NOAA, NGA, USGS, FEMA, Esri Community Maps Contributors, FDER, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/ NASA, USGS, EPA, NPS, US Census Bureau, USDA

Chapter 117 Lot Width Requirements by Zoning District

Item #3.

	<u>R-1</u>	<u>R-2</u>	<u>R-3</u>	<u>RPO</u>	<u>C-1</u>	<u>C-2</u>	<u>REC</u>	<u>CBD</u> ¹	<u>GCR</u> ² <u>RLD</u>	<u>GCR</u> ² <u>RMD</u>	<u>GCN</u>	<u>GCC</u>	<u>INS</u>	<u>M-1</u>	<u>M-2</u>
<u>LOT WIDTH</u> (Minimum feet):															
<u>Single-family dwelling unit, detached</u>	<u>70</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>			<u>70</u>	<u>50</u>	<u>50</u>	<u>50</u>			
<u>Single-family dwelling unit, attached</u>		<u>75</u> ¹¹	<u>75</u>	<u>75</u> ¹¹	<u>75</u> ¹¹	<u>75</u> ¹¹				<u>75</u> ¹¹	<u>75</u> ¹¹	<u>100</u>			
<u>Multi-family dwelling unit</u>			<u>100</u>									<u>100</u>			
<u>Mobile Home Park / Subdivision</u>			<u>100</u> ¹⁰												
<u>Nonresidential uses</u>				<u>50</u>	<u>NMR</u>	<u>NMR</u>		<u>NMR</u>			<u>NMR</u>	<u>NMR</u>	<u>NMR</u>	<u>100</u>	<u>100</u>

ORDINANCE NO. O-16-2020

AN ORDINANCE OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AMENDING CHAPTER 101, ARTICLE I, SEC. 101-5 TO ADD NEW DEFINITIONS FOR FLAG LOT; LOT LINE, FRONT; LOT LINE, SIDE; AND LOT LINE, REAR; AND REVISE DEFINITIONS FOR LOT WIDTH AND SETBACK; ESTABLISHING CHAPTER 101, ARTICLE II, DIVISION 3 SEC. 101-160 CONCERNING FLAG LOT REQUIREMENTS; AMENDING CHAPTER 113 ARTICLE II, DIVISION 4, SEC 113-131 AND 113-132 TO REVISE ACCESS REQUIREMENTS; AMENDING CHAPTER 117, ARTICLE II, DIVISION 2, SEC. 117-62, SPECIAL EXCEPTIONS, TO REQUIRE A SPECIAL EXCEPTION FOR THE DEVELOPMENT OF A FLAG LOT; AMENDING CHAPTER 117, ARTICLE II, DIVISION 3, SEC. 117-87, SPECIAL EXCEPTIONS, TO REQUIRE A SPECIAL EXCEPTION FOR THE DEVELOPMENT OF A FLAG LOT; AMENDING CHAPTER 117, ARTICLE II, DIVISION 4, SEC. 117-122, SPECIAL EXCEPTIONS, TO REQUIRE A SPECIAL EXCEPTION FOR THE DEVELOPMENT OF A FLAG LOT; AMENDING CHAPTER 117, ARTICLE IX, DIVISION 4, SEC. 117-541, SPECIAL EXCEPTIONS, TO REQUIRE A SPECIAL EXCEPTION FOR THE DEVELOPMENT OF A FLAG LOT; AMENDING CHAPTER 117, ARTICLE IX, DIVISION 5, SEC. 117-565, SPECIAL EXCEPTIONS, TO REQUIRE A SPECIAL EXCEPTION FOR THE DEVELOPMENT OF A FLAG LOT; PROVIDING FOR CONFLICTS, SEVERABILITY AND SETTING AN EFFECTIVE DATE.

WHEREAS, the City Code was adopted to promote the health, safety, morals and general welfare of the community;

WHEREAS, it is necessary to amend the land development regulations from time to time to update the permitted uses and permitted special exceptions within the zoning districts to fit the character of development in the City;

WHEREAS, it may be necessary to create development standards for specific uses; and

WHEREAS, the Green Cove Springs City Council has determined that this amendment is consistent with the Comprehensive Plan, is in the best interest of the public, and will promote the public health, safety and welfare of the City.

NOW, THEREFORE BE IT ENACTED BY THE CITY COUNCIL OF GREEN COVE SPRINGS, FLORIDA AS FOLLOWS:

Section 1. Code Amended. That Chapter 101 Article I Section 101-5 of the City Code is hereby amended to read as follows:

CHAPTER 101
Article I: - In General.

Sec. 101-5. - Definitions.

The following words, terms and phrases, when used in this subpart, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

A-weighted sound level means the sound pressure level in decibels as measured on a sound level meter using the A-weighting network. The level so read is designated dB(A).

Abandoned motor vehicle means a motor vehicle that is in a visible state of disrepair and incapable of being moved under its own power and which does not have a current vehicle registration certificate and license plate. This definition does not apply to a vehicle that is not visible from public or private streets.

Abandoned sign means a sign on which a business advertised on that sign is no longer licensed, no longer has a certificate of occupancy or is no longer an ongoing business at that location for a period of six months.

Abandoned sign face means the area of a sign on which graphics, letters, figures, symbols, trademark or written copy is placed advertising a business that is no longer licensed, no longer has a certificate of occupancy or is no longer an ongoing business at that location for a period of six months.

Abandonment means the intentional and willful termination, relinquishment or cessation of an existing use or occupation of property. Any termination, relinquishment or cessation for a six-month period shall be considered an intentional and willful abandonment.

Abut means to physically touch or border upon, or to share a common property line.

Abutting or adjacent property means property that is immediately contiguous to the property being considered under these land development regulations. Adjacent property may be contiguous, across a right-of-way, or close enough to be directly impacted by a use or proposed use on the property being considered under these land development regulations meaning the distance for adjacency varies with the degree of impact.

Access way means a paved area intended to provide ingress and egress of vehicular traffic from a public right-of-way to an off-street parking area or loading area.

Accessory sign means a permanent ground or building sign permitted under this subpart as incidental to an existing or proposed use of land, identifying or advertising a business, person, activity, goods, product, commodity, service or entertainment located on the premises where the sign is installed and maintained.

Accessory use or structure means any use or attached or detached structure clearly incidental, subordinate and related to the principal use or structure and located on the same lot with such principal use or structure not to exceed 50 percent of the principal use. Examples of accessory uses in a single-family residential zoning district include, but are not limited to, storage buildings and detached garages; provided, however, a recreational vehicle; motor vehicle; mobile home; trailer or semi-trailer; railroad car; bus, truck or automobile body, or other similar unit shall not be used as an accessory structure or converted into an accessory structure even when altered, stripped, or otherwise rebuilt.

Addition means an extension or increase in floor area or height of a building or structure.

Administrator means the planning and zoning director designated by the city manager for the administration and enforcement of land development regulations.

Adult arcade amusement center means a business that is located on the premises of a facility that is licensed by the state pursuant to F.S. ch. 550, and operates an adult arcade amusement machine that complies with F.S. § 849.161(1)(a)1 and is also defined in the county Ordinance Number 2012-02.

Adult arcade amusement machine means an electronic, mechanical, computer or other device which operates by the insertion of coin and may also operate by the use or insertion of other type of monetary consideration or requires the payment of monetary consideration, ticket, token, or card that activates the play of a game or multiple games which, by application of skill, may entitle the person operating the machine to receive points representing a unit of game play on the machine or coupons which may be exchanged for merchandise available for sale to the general public on the premises of the adult arcade amusement center or via catalogs or kiosks produced by an adult arcade amusement center, other than alcoholic beverages and cash, provided the value of the merchandise does not exceed the amount set forth in F.S. § 849.161(1)(a)1. The presence of a device as described herein that requires the payment of monetary consideration for its operation shall result in the presumption that such machine is an adult arcade amusement machine as defined herein.

Adult day care means any building, or part of a building, whether operated for profit or not, in which is provided through its ownership or management, for a part of a day, basic services to three or more persons who are 18 years of age or older, who are not related to the owner or operator, and who require such services. The adult day care center must maintain the required licensing from the state agency for health care administration and shall comply with the requirements of F.S. ch. 400, pt. V. The approval for this type of care shall be by special exception within each residential zoning category.

Adult living facility (ALF) means a type of residential care facility, as provided for in F.S. ch. 429, pt. I (F.S. § 429.01 et seq.).

Adversely affected person means any person who is suffering or will suffer an adverse effect to an interest protected or furthered by the local government comprehensive plan, including, but not limited to, interests related to health and safety; police and fire protection services; densities or intensities of development; transportation facilities; recreational facilities; educational facilities; health care facilities, equipment, or services; and environmental or natural resources. The alleged adverse effect may be shared in common with other members of the community at large, but it must exceed in degree the general interest in community good shared by all persons.

Adverse effect includes, but is not necessarily limited to, increases in flood elevations on adjacent properties attributed to physical changes in the characteristics of the official 100-year flood area due to development.

Advertising means sign copy intended to directly or indirectly promote the sale or use of a product, service, commodity, entertainment, or real or personal property.

Agent means a representative of an owner who performs any services for the owner with respect to the real estate of the owner.

Alley or service drive means a roadway dedicated to public use that affords only a secondary means of access to abutting property and is not intended for general traffic circulation.

Alter or alteration of a stormwater management system means any change or modification in work done other than that necessary to maintain the system's original design and function.

Alteration means any change in size, shape, occupancy, character or use of a building or structure.

Antenna means an arrangement of wires or metal rods used in transmitting or receiving electromagnetic waves.

Applicant means the record owner, or his authorized representative, of a tract of land which is the subject of a request for a change in zoning classification, an exception, a variance or an appeal.

Aquifer or aquifer system means a geologic formation, group of formations, or part thereof that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Area of shallow flooding means a designated AO zone on the city's flood insurance rate map (FIRM) with base flood depths from one to three feet where a clearly defined channel does not exist, where the path of flooding is unpredictable and indeterminate, and where velocity flow may be evident.

Area of special flood hazard means the area designated within the V zones on the FEMA (Federal Emergency Management Agency) maps.

Arterial streets means streets (roads) which conduct large volumes of traffic over long distances and are functionally classified as such on the state department of transportation current highway functional classification and systems map for the city, as amended, and in the city's comprehensive plan.

Attic means the space between the top story and a pitched roof.

Auditorium means the room, hall, building or part of a building used for public gatherings.

Automobile service station means an establishment whose principal business is the dispensing at retail of alternative fuels, diesel fuel, electric and gasoline and oil and where grease, batteries, tires and automobile accessories may be supplied and dispensed at retail, principally for automobiles and not for trucks (or in connection with a private operation where the general public is excluded from the use of the facilities), and where, in addition, the following services may be rendered and sales made, and no other:

- (1) Sales and servicing of spark plugs, batteries and distributors and distributor parts;
- (2) Tire servicing and repair, but not recapping or regrooving;
- (3) Replacement of water hoses, fan belts, brake fluid, light bulbs, fuses, floor mats, seat covers, windshield wipers and wiper blades, grease retainers, wheel bearings, mirrors, and the like;
- (4) Radiator cleaning and flushing; provision of water, antifreeze and the like;
- (5) Washing and polishing and sale of automotive washing and polishing materials;
- (6) Providing and repairing fuel pumps and lines;
- (7) Minor servicing and repair of carburetors;
- (8) Emergency wiring repairs;
- (9) Adjusting and emergency repair of brakes;
- (10) Minor motor adjustments not involving removal of the head or crankcase;
- (11) Greasing and lubrication;
- (12) Sales of cold drinks, package foods, tobacco and similar convenience goods for service station customers, but only as accessory and incidental to the principal business operation;
- (13) Provision of road maps and other informational material to customers; provision of restroom facilities;
- (14) Uses permissible at a service station do not include major mechanical and body work, straightening of frames or body parts, steam cleaning, painting, welding, storage of automobiles not in operating condition, operation of a commercial parking lot or commercial garage as an accessory use, or other work involving undue noise, glare, fumes, smoke or other characteristics to an extent greater than normally found in service stations;

- (15) A service station is not a repair garage, a body shop, or a truck stop;
- (16) Rental of luggage or utility trailers, trucks, but not rental of automobiles. All such allowed servicing shall be done in an enclosed building; however, minor adjustments and replacements of minor parts, e.g., replacing a windshield wiper blade, shall be permitted while a vehicle is being serviced at a pump island;
- (17) Work bays of up to three spaces are allowed.

Automobile wrecking or storage yard means the dismantling or disassembling of used motor vehicles or trailers, or the storage, sale or dumping of dismantled, partially dismantled, obsolete or wrecked motor vehicles, trailers or their parts.

Awning means an architectural projection that provides weather protection, identity or decoration and is wholly supported by the building to which it is attached and may also be retractable. An awning is comprised of a lightweight, rigid skeleton structure over which a rigid covering is attached.

Awning sign or canopy sign means any shelter, supported partially or entirely from the exterior wall of a building, which is used for advertising. Such sign may be constructed of canvas, plastic, metal, or other similar material.

Balcony means an exterior platform that projects from or into the facade of a building and is surrounded by a railing, handrail, or parapet.

Banner sign means any sign composed of lightweight material either enclosed or not enclosed in a rigid frame, secured or mounted so as to allow movement of the sign caused by movement of the atmosphere, possessing characters, letters, illustrations, or ornamentations applied to paper, flexible plastic, or fabric of any kind. National flags and flags of political subdivisions shall not be considered banners for the purpose of this Code.

Barbershop or beauty shop or salon means an establishment whose sole business is a combination of shaving or trimming the beards, cutting or dressing hair of the heads, or cosmetology services and manicuring the nails of its customers.

Bar, cocktail lounge, saloon, or tavern means any establishment devoted primarily to the retailing and on-premises drinking of malt, vinous, or other alcoholic beverages. All establishments requiring an SRX license shall conform to F.S. § 561.20(2)(a)(4) which requires that 51 percent of monthly receipts come from the sale of food and nonalcoholic beverages.

Base flood elevation means the elevation designated by FEMA (Federal Emergency Management Agency) as the level above the 100-year flood zone (see definition for Area of special flood hazard).

Basement means that portion of a building between floor and ceiling, which is partly below and partly above grade, but so located that vertical distance from grade to the floor below is less than the vertical distance from grade to ceiling; provided, however, that the distance from grade to ceiling shall be at least four feet, six inches.

Bed and breakfast means a limited occupancy visitor accommodation facility consisting of a residential building or group of residential buildings containing a total of not less than four and not greater than ten guest rooms and a manager's residence, where visitor occupancy is limited to a maximum of seven consecutive days, where such lodging and daily meals are provided for compensation, and said meals are served only to resident guests of the inn. Bed and breakfast inns are limited to the adaptive conversion and reuse of, or reproductions of, historically or architecturally unique residential structures, which are compatible with the surrounding neighborhood.

Bicycle and pedestrian ways means any road, path or way which is open to bicycle travel and traffic afoot and from which motor vehicles are excluded.

Billboard means a sign structure, including a building, for any sign advertising an establishment, merchandise, service or entertainment, which is sold, produced, manufactured and/or furnished at a place other than on the property on which such sign is located.

Blight, blighting influence or blighting factor means either that which endangers life or property by fire or other causes that which substantially impairs or arrests property values or the sound growth of the city and is a menace to the public health, safety, morals, or welfare in its present condition and use.

Block includes tier or group means a group of lots existing with well-defined and fixed boundaries, usually being an area surrounded by streets or other physical barriers and having an assigned number, letter, or other name through which it may be identified.

Boardinghouse means an establishment with lodging for four or more persons, where meals are regularly prepared and served for compensation and where food is placed upon the table family-style, without service or ordering of individual portions from a menu.

Boat slips at marinas means an accessory structure designed solely for the parking or storage of watercraft. Such slip can be no smaller than eight feet by 20 feet. Boat slips must be transient in nature and cannot have electrical or water hookups.

Body shop means any enclosed structure used for the alteration, repairs, restoration and refinishing of the body parts or appurtenances of a motor vehicle body.

Borrow pit means an excavation from which natural materials are removed for use elsewhere, leaving a hole (pit).

Boutique means any retail establishment selling clothing, specialty food goods, gifts, coffees and antiques, located in a freestanding building not more than two stories in height and not containing more than 2,000 square feet on either floor.

Breakaway wall means a wall that is not part of the structural support of the building and is intended through its design and construction to collapse under specific lateral loading forces without causing damage to the elevated portion of the building or to the supporting foundation system.

Break point means the location on a communication tower of a designed feature which, in the event of a tower failure, would result in the tower falling entirely within the boundaries of the property on which it is located.

Buildable area means the portion of developable land within a lot remaining after required yards, parking and landscaping areas have been provided. Buildings may be placed in any part of the buildable area, but limitations on percent of the lot which may be covered by buildings may require open space within the buildable area.

Building arcade means a covered walkway attached to a building and supported on the sides but not attached to the building by columns.

Building means any structure, either temporary or permanent, having a roof impervious to weather and used or built for the shelter or enclosure of persons, animals, chattels or property of any kind. This definition shall include tents, awnings, cabanas or vehicles such as manufactured or mobile homes situated on private property and serving, in any way, the function of a building, but does not include recreational vehicles such as campers, motor homes or pop-up trailers and screened enclosures not having a roof impervious to weather (recreational vehicles shall not be allowed for permanent habitable use).

Building front yard setback line means the rear edge of a required front yard as specified within these land development regulations.

Building height means the vertical distance from grade to the highest finished roof surface. The height of a building in stories does not include basements and cellars, except as specifically provided otherwise, and does not exceed 35 feet.

Building line means a line across a parcel of land that is the distance a structure must be set back from a lot boundary line, street center line or right-of-way, as defined in chapter 117, for the zoning district in which the parcel is located.

Building permit means, for purposes of this subpart, a development permit is that official city document which authorizes the commencement of construction or land alteration without need for further application or approval. Development permits include all types of construction permits (plumbing, electrical, foundation, mechanical, and so forth, in addition to the building permit itself), grading and clearing permits, septic tank permits, tree removal permits, sign permits, etc.

Building sign means a sign displayed upon or attached to any part of the exterior of a building, including walls, windows, doors, parapets, marquees and roof slopes.

Building story height means the vertical distance from top to top of two successive finished floor surfaces.

Business day means every working day of the official workweek, as designated by the city council, and does not include public holidays and weekends.

Cafe means a small informal restaurant, generally consisting of a seating capacity of 30 or less where food items, drinks and snacks are sold.

Capital budget means the portion of the city's annual budget which reflects capital improvements scheduled for a fiscal year.

Capital improvements means physical assets constructed or purchased to provide, improve or replace a public facility and which are large-scale and high in cost. The cost of a capital improvement is generally nonrecurring and may require multi-year financing. For purposes of these land development regulations, physical assets which have been identified as existing or projected needs in the individual comprehensive plan elements are considered capital improvements.

Canopy means a permanent roof-like shelter extending from part or all of a building face and constructed in conformity with the standard building code, as adopted by the city council and as amended from time to time.

Car wash means a facility where vehicles are cleaned, washed, waxed, vacuumed, or otherwise detailed. This includes, but is not limited to, a coin-operated, self-service, full-service, or an automatic car wash. A car wash can be freestanding or part of a service station. Car washes are restricted to use by vehicles of size and weight no greater than 22 feet long by 12 feet high and 8,000 pounds (gross weight), respectively.

Carport means an accessory structure or portion of a principal structure, consisting of a roof and supporting members such as columns or beams, unenclosed from the ground to the roof on at least one side, and designed or used for the storage of motor driven vehicles owned and used by occupants of the building to which it is accessory.

Certificate of completion means a written document required prior to occupancy, issued for a use upon a developer's compliance with the provisions of this Code and any applicable development agreement.

Certificate of compliance means a statement signed by an administrative officer, setting forth that a building, structure, or use complies with the zoning ordinance and building codes and that the same may be used for the purposes stated on the permit.

Certificate of occupancy means a document issued by the proper authority allowing occupancy or use of a building and certifying that the structure or use has been constructed or will be used in compliance with all applicable municipal codes and ordinances.

Change of occupancy means discontinuance of an existing use and the substitution of a different kind or class of use.

Child care center means a facility holding a license with the state, as per F.S. § 402.302, as amended, for the care, protection, and supervision of a child, for a period of less than 24 hours a day on a regular basis, which supplements parental care, enrichment, and health supervision for the child, in accordance with his individual needs, and for which a payment, fee, or grant is made for care.

Church means all houses of worship.

City engineer means the individual designated as such by the city council or city manager.

Clinic/office/lab, medical or dental, means an establishment where patients, who are not lodged overnight, are admitted for examination and treatment by one person or a group of persons practicing any form of the healing arts, whether such persons be medical doctors, chiropractors, osteopaths, chiroprudists, naturopaths, optometrists, dentists, or any such profession, the practice of which is regulated by the state.

Club, night, means a restaurant, dining room, or other facility serving alcoholic beverages wherein paid floor shows or other forms of paid entertainment are provided for customers as a part of the commercial enterprise.

Club, private, means an organization, whether incorporated or not, which is the owner, lessee, or occupant of a building or portion thereof used for club purposes, which is operated solely for a social, educational, recreational, patriotic, benevolent, athletic or fraternal purpose, but not for pecuniary gain, and if food and alcoholic beverages are sold, such sale is incidental to its operation. The affairs and management of the organization are conducted by a board of directors, executive committee, or similar body chosen by the members at an annual meeting. The organization has established bylaws and/or a constitution to govern its activities. The organization has been granted an exemption from the payment of federal income tax as a club under 26 USC 501. The term "private club" also includes the term "lodge."

Club, tennis, means any associated, chartered or incorporated club owning or leasing and maintaining any bona fide tennis club or four-wall indoor racquetball club consisting of not less than ten regulation size four-wall indoor racquetball courts, or ten of any combination of such courts, with clubhouse facilities, pro shop, locker rooms and attendant facilities, all located on a contiguous tract of land owned or leased by such club.

Collector street, major, means a major collector street carries medium volumes of traffic collected primarily from minor collector streets and delivering the traffic to arterial streets.

Collector street, minor, means a minor collector street carries relatively light volumes of traffic primarily from minor streets to major collector streets.

Combined use building means a use which contains a mixture of one or more residential units and commercial business uses within the same building.

Commercial vehicle means any motor vehicle licensed by the state as a commercial vehicle or any vehicle designed for a commercial or industrial function.

Communication antenna means an antenna designed to transmit or receive communications as authorized by the Federal Communications Commission. The term "communication antenna" shall not include CB, marine band, or class C commercial antennas less than 20 feet in height or direct broadcast antennas less than 12 feet and less than 39 inches in diameter.

Communication tower means a tower greater than 35 feet in height (including antenna) which supports communication (transmission or receiving) equipment. The term "communication tower" shall not include amateur radio operators' equipment, as licensed by the Federal Communications Commission (FCC). No tower shall exceed 200 feet in height (including antenna) when freestanding, or 20 feet over the building height, when placed on top of buildings.

Community residential home means a dwelling unit licensed to serve clients of the state department of health and rehabilitative services, and which provides a living environment for seven to 14 unrelated residents who operate as the functional equivalent of a family, including such supervision and care by supportive staff as may be necessary to meet the physical, emotional, and social needs of the residents.

Community theaters means a profit or nonprofit organization to produce live onstage performances for the cultural benefit of the city.

Completely enclosed building means a building separated on all sides from adjacent open space, or from other buildings or other structures, by a permanent roof and by solid exterior walls or solid party walls which are pierced only by windows and normal entrance or exit doors.

Comprehensive plan means the local government comprehensive plan, which was adopted by codes consistent with F.S. § 163.3161, as amended, and serves as the legal guideline for the future development of the local government.

Concurrency means a condition in which specified facilities and services have or will have the necessary capacity to meet the adopted level of service standard at the time of impact of the development project.

Condominium means a type of ownership in which buildings are divided into separate, individual units, such as apartments or office suites, which may be sold and owned separately, while common areas and some outdoor areas may be owned in common.

Cone of influence means an area around one or more major water wells, the boundary of which is determined by the city based on groundwater travel or drawdown depth.

Construction, actual or start, means and includes substantial improvement, and means the date the building permit was issued, provided the actual start of construction, repair, reconstruction, or improvement was within 180 days of the permit date. The actual start means the first placement of permanent construction of a structure (including a manufactured home) on a site, such as the pouring of slabs or footings, installation of piles, construction of columns, or any work beyond the stage of excavation or the placement of a manufactured home on a foundation. Permanent construction does not include land preparation, such as clearing, grading and filling, nor does it include the installation of streets and/or walkways, nor does it include excavation for a basement, footings, piers or foundations or the erection of temporary forms, nor does it include the installation on the property of accessory buildings, such as garages or sheds not occupied as dwelling units or not part of the main structure.

Contiguous means a sharing of a common border at more than a single point of intersection.

Convenience store means a retail, self-service store, usually open extended hours, that typically sells limited lines of food items, household goods, and snacks oriented to daily convenience, including fueling stations.

County health department means the health department of the county.

Court means an area open to the sky or having a glass roof and mostly or entirely surrounded by buildings, walls or other improvement of a similar nature.

Crown means the main mass of branching of a plant above the ground.

Cul-de-sac means a local street of relatively short length with one end open and the other end terminating in a vehicular turnaround.

Curb break means a driveway or other opening for vehicles entering a public street.

Curb level means the elevation of the street curb established by the city.

Decay-resistant woods means those woods that are known to be resistant to moisture and insect damage because of their natural properties, such as cypress, redwood and preservative-treated lumber.

Decibel (dB) means a unit describing the amplitude of sound, equal to 20 times the logarithm to the base ten of the ratio of the pressure of the sound measured to the reference pressure, which is 20 micronewtons per square meter.

Deck means a paved or wooden horizontal platform without a roof or covering of any description, and attached or unattached to a building.

Density or *gross density* means the total number of dwelling units divided by the total site area, exclusive of dedicated public rights-of-way, holding ponds, canals, drainage ditches, lakes and rivers except in previously platted subdivisions. Alleys are included in density calculations.

Department means the building, code enforcement, planning, and zoning department.

Detention means the collection and storage of surface water for subsequent gradual discharge.

Developable land means all of a parcel of land except:

- (1) Lands lying within proposed public rights-of-way;
- (2) Marshlands, swamps, floodplains or other environmentally sensitive lands where local, state or federal regulations otherwise prohibit development;
- (3) Bodies of water such as ponds, lakes and reservoirs, either natural or manmade; and
- (4) Alleyways, easements, streets, public rights-of-way and trails.

Developed area means that portion of a plot or parcel upon which a building, structure, paved ground surface area, gravel landscaping or other improvements have been placed.

Developer means any person, including a governmental agency, undertaking development as defined in F.S. ch. 163, part II and F.S. § 380.031, as amended, who engages in or proposes to engage in a development activity either as the owner or as the agent of an owner of property.

Development or *development activity* means any of the following activities:

- (1) Construction, clearing, filling, excavating, grading, paving, dredging, mining, drilling or otherwise significantly disturbing the soil of a site.
- (2) Building, installing, enlarging, replacing or substantially restoring a structure, impervious surface, or water management system, and including the long-term storage of materials.
- (3) Subdividing land into two or more parcels.
- (4) A tree removal for which authorization is required under this subpart.
- (5) Erection of a permanent sign unless expressly exempted by chapter 125.
- (6) Alteration of a historic property for which authorization is required under this subpart.
- (7) Changing the use of a site so that the need for parking is increased.
- (8) Construction, elimination or alteration of a driveway onto a public street.

Developer's agreement means a legislatively approved agreement or contract between the city and a developer that clearly establishes the developer's responsibility regarding project phasing, the provision of public and private facilities, and improvements and any other mutually agreed to conditions, requirements and terms that are in the best interests of the city and will promote the public interest and welfare of the city.

Development order means an order granting, denying, or granting with conditions an application for a development permit and includes any building permit, subdivision approval, rezoning, certification or designation, special exception, variance, special or temporary permit, or other official action of the appropriate city approval body or land development regulation administrator having the effect of permitting the development of land.

Diameter at breast height (DBH) means the average diameter of tree measured 4½ feet above ground level.

District means a section or sections of the city for which the zoning regulations governing the use of buildings and premises, the height of buildings, the size of yards, and the intensity of use are uniform.

Dock means a structure built on pilings over the water which is designed or used to provide anchorage for and access to one or more boats at anchorage. Necessary services such as water and other utilities are considered a part of a dock.

Drainage basin means the area defined by topographic boundaries which contributes stormwater to a drainage system, estuarine waters, or oceanic waters, including all areas artificially added to the basin.

Drainage detention structure means a structure which collects and temporarily stores stormwater for its gradual release. The stormwater may receive prior purpose treatment through physical, chemical, or biological processes with subsequent gradual release of the stormwater.

Drainage facilities means a system of manmade structures designed to collect, convey, hold, divert or discharge stormwater and includes stormwater sewers, canals, detention structures, and retention structures.

Drainage retention structure means a structure designed to collect and prevent the release of a given volume of stormwater by complete onsite storage.

Drive-in restaurant or refreshment stand means any place or premises where provision is made on the premises for the selling, dispensing or serving of food, refreshments or beverages to persons in automobiles and/or in other than a completely enclosed building on the premises, including those establishments where customers may serve themselves and may eat or drink the food, refreshments, or beverages in automobiles on the premises. A restaurant that provides drive-in facilities of any kind in connection with regular restaurant activities shall be deemed a drive-in restaurant. A barbecue stand or pit having the characteristics noted in this definition shall be deemed a drive-in restaurant. A drive-in restaurant, as defined herein, is not a restaurant.

Driveways means access ways that connect streets to drives or parking areas on individual parcels.

Drugs or drug sales means those substances that can affect a human's or animal's biological or neurological state and are sold by a pharmacy with a physician's prescription. This definition shall include medical marijuana being lawfully sold by an approved Medical Marijuana Treatment Center Dispensing Facility (MMTC).

Dwelling means a building or portion thereof designed or used exclusively for residential occupancy but not including campers, hotels, motels, motor homes (also referred to as trailer coaches), motor lodges, boardinghouses and lodginghouses, tents, tourist courts, tourist homes, dormitories, fraternity or sorority houses, hospitals, nursing homes or portable building.

Dwelling, mobile home, means a structure including the plumbing, heating, air conditioning, and electrical components contained therein, built on an integral chassis, transportable in one or more sections which structure is eight feet (2.4 meters) or more in width and over 40 feet in length, or which, when erected onsite, is 320 or more square feet designed to be used as a dwelling unit with or without a permanent foundation when connected the required utilities. If fabricated after June 15, 1976, each section should bear a HUD label certifying that it is built in compliance with the Federal Manufactured Home Construction and Safety Standards, 42 USC 5401 and 24 CFR 3282 and 3283. This use does not include manufactured buildings meeting the criteria contained in the definition of the term "single-family dwelling." This use includes manufactured single-family units certified by the state department of community affairs to be in compliance with the Florida Manufactured Building Act of 1979, F.S. ch. 553, pt. IV. This definition does not include recreational vehicle, manufactured home or modular home.

Dwelling, multiple-family, for the purposes of these LDRs, means a dwelling containing two or more individual dwelling units for families living independently of each other, within individual dwelling units, with separate cooking and toilet facilities within the units, often stacked one above the other in a vertical configuration, sharing common vertical walls and/or horizontal floors and ceilings. Each individual unit being two stories or more with independent entrances. The term "multiple-family dwelling" includes apartments, condominiums, group homes, row houses, townhomes and housing for the aged (which does not provide for routine nursing and/or medical care).

Dwelling, single-family, attached, means two dwelling units, each owned in fee and located on individual lots but joined along a single lot line, each of which is totally separated from the other by an un-pierced wall extending from ground to roof.

Dwelling, single-family, detached, means a residential building containing not more than one dwelling unit to be occupied by one family, not physically attached to any other principal structure. For regulatory purposes, the term "single-family detached dwelling" does not include mobile homes, recreational vehicles or other forms of temporary or portable housing. Manufactured buildings constructed for use as single-family dwelling units (manufactured home dwellings) are treated similarly to single-family detached dwellings.

Dwelling, townhouse, means a type of multifamily dwelling, in which five or more individual dwelling units are attached by one or more vertical party walls, with the habitable spaces of different dwelling units arranged on a side-by-side, rather than a stacked, configuration, and each individual unit being two stories or more. Each individual townhouse dwelling unit has its own front and rear access to the outside.

Dwelling unit (D.U.) means a single housing unit providing complete, independent living facilities for one housekeeping unit, including permanent provisions for living, sleeping, eating, cooking and sanitation.

Easement means the right to use the land of another for a limited purpose, all other rights and title remaining in the owner.

Electronic equipment means any electronic or mechanical device intended and used for a single player at a time provided by or on behalf of an operator of an electronic game promotion that is used or adapted for use to conduct and/or reveal the results of a game promotion or sweepstakes or drawing by chance conducted in connection with the sale of a consumer product or service that displays results by simulating a game or games ordinarily played on a slot machine.

Electronic game promotion center means any place or premises where an electronic game promotion is conducted and is permitted.

Electronic game promotion means a sweepstakes or other game promotion which utilizes electronic equipment and a drawing by chance conducted in connection with the sale of a consumer product or service which utilizes electronic equipment.

Elevation means height in feet above mean sea level as established by the National Geodetic Vertical Datum (NGVD) of 1929 and or NAVD 88.

Elevated building means a non-cellar building built to have the lowest floor elevated above the ground level by means of fill, solid foundation perimeter walls, pilings, columns (posts and piers), shear walls, or breakaway walls.

Emergency work means any work performed for the purpose of preventing or alleviating physical trauma or property damage threatened or caused by an existing or imminent peril.

EMF means electromagnetic field.

Engineer means a professional engineer registered to practice engineering by the state and who is in good standing with the state board of professional engineers.

Encroachment means a protrusion into a vehicular access way, pedestrian way, or landscaped area.

Environmentally sensitive lands means areas designated on the future land use map as conservation.

Erected means and includes built, constructed, reconstructed, moved upon, or any physical operation on the premises required for building; or excavations, fill, drainage, demolition of an existing structure, in conjunction with erection.

Essential services means public utility facilities either underground or overhead and related to the transmission or distribution systems of water, sanitary or storm sewerage, telephone, gas, electricity, solid waste disposal, cable or community television and public safety, including poles, wires, mains, hydrants, drains, pipes, conduits, police or fire call boxes, traffic signals and other similar equipment necessary for the furnishing of adequate service, but not including buildings, provided that:

- (1) This section shall be deemed to permit the location in a district of such major installations as electrical or gas generating plants, sewage treatment plants, water pumping or aeration facilities and other similar major installation, unless such facilities were constructed or construction was started prior to the adoption of this zoning ordinance; that:
- (2) This section shall not be deemed to permit the erection of structures for commercial activities such as sales of related merchandise or collection of bills in districts from which such activities would otherwise be prohibited. Construction of appropriate buildings with appropriate screening and/or landscaping shall be compatible with surrounding neighborhood.

Existing means the condition immediately before development or redevelopment commences.

Exterior walls. Exterior walls of a principal structure shall be constructed of finished materials such as stucco, natural brick or stone, finished concrete, wood or other similar material on all sides.

Facility means a building, appurtenant structures, surrounding land area, the system or location used by a single business private entity or governmental unit or sub-unit to provide for the collection, treatment or disposal of solid waste, potable water, drainage and sewage.

Family means one person or a group of two or more persons living together and interrelated by bonds of consanguinity, marriage, civil union, or legal adoption, or a group of persons not more than three in number who are not so interrelated, occupying the whole or part of a dwelling as a separate housekeeping unit with a single set of culinary facilities. An unrelated roomer, boarder, or tenant is not a member of a family.

Fence means any barrier, defined herein, as something which hinders and/or restricts that is naturally grown or constructed.

Fenestration means the placement of window openings in a building wall, one of the important elements in controlling the exterior appearance of a building.

Fill means any materials deposited for the purpose of raising the level of natural land surface.

Flammable liquids means liquids having a flash point below 200 degrees Fahrenheit, closed cup tester. Class 1 flammable liquids (e.g., gasoline) have a flash point of 25 to 69 plus degrees Fahrenheit.

Flashing sign means any illuminated sign on which the artificial source of light is not maintained stationary or constant in intensity and color at all times when such sign is illuminated. Illuminated signs which indicate the time and/or temperature shall not be considered flashing signs, provided that the total area of the sign so used shall not exceed ten square feet in size. For the purposes of this definition, any moving illuminated sign affected by intermittent lighting shall be deemed a flashing sign.

Flat or wall sign means any sign erected parallel to the face or the outside wall of any building that is supported throughout its length by the wall of the building.

Flood means the unusual and rapid accumulation or runoff of surface water of any source.

Flood elevation of record means the maximum flood elevation for which historical records exist.

Flood insurance rate map (FIRM) means an official map of a community issued by FEMA (the Federal Emergency Management Agency), on which the Federal Insurance Administration has delineated both the areas of special flood hazard and the risk premium zones applicable to the community.

Flood insurance study means a study provided by FEMA (the Federal Emergency Management Agency) containing flood profiles as well as the flood boundary floodway map and the water surface elevation of the base flood, and is the official such report for the city.

Flood protection elevation means the elevation of the base flood plus two feet in the V zones as defined by FEMA (the Federal Emergency Management Agency).

Flood zones means areas where there is wetland vegetation, the areas of transition between wetland vegetation and upland areas, and those areas outlined in the federal insurance floodprone maps.

Floodplain means land which will be inundated by floods known to have occurred or reasonably characteristic of what can be expected to occur (during a 100-year flood event) from the overflow of inland or tidal waters and the accumulation of runoff of surface waters from rainfall or identified by FEMA (the Federal Emergency Management Agency) as an A zone on flood insurance rate maps or flood hazard boundary maps.

Floodway means the channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than one foot.

Floor area, except as may be otherwise specifically indicated in relation to particular districts and uses, shall be construed as the sum of the gross horizontal areas of the several floors of a building measured from the exterior faces of the exterior walls or from the centerline of walls separating two buildings, excluding attic areas with a headroom of less than seven feet, unenclosed stairs or fire escapes, elevator structures, cooling towers, areas devoted to air conditioning, ventilating or heating or other building machinery and equipment, parking structures, and basement space where the ceiling is not more than an average of 48 inches above the general finished and graded level of the lot.

Floridan aquifer system means the thick carbonate sequence which includes all or part of the Paleocene to early Miocene Series and functions regionally as a water-yielding hydraulic unit. Where overlaid by either the intermediate aquifer system or the intermediate confining unit, the Floridan contains

water under confined conditions. Where overlaid directly by the surficial aquifer system, the Floridan may or may not contain water under confined conditions, depending on the extent of low permeability materials in the surficial aquifer system. Where the carbonate rocks crop out, the Floridan generally contains water under unconfined conditions near the top of the aquifer system, but, because of vertical variations in permeability, deeper zones may contain water under confined conditions. The Floridan aquifer is the deepest part of the active groundwater flow system. The top of the aquifer system generally coincides with the absence of significant thicknesses of clastics from the section and with the top of the vertically persistent permeable carbonate section. For the most part, the top of the aquifer system coincides with the top of the Suwannee Limestone, where present, or the top of the Ocala Group. Where these are missing, the Avon Park Limestone or permeable carbonate beds of the Hawthorn Formation form the top of the aquifer system. The base of the aquifer system coincides with the appearance of a regionally persistent sequence of anhydride beds that lie near the top of the Cedar Keys Limestone.

Food and grocery stores means stores primarily engaged in retailing a general line of food items, such as canned and frozen foods, fresh fruits and vegetables, and fresh and prepared meats, fish, and poultry. Included in this industry are delicatessen-type establishments primarily engaged in retailing a general line of food and which typically also offer other home care and personal care products and which are substantially larger and carry a broader range of merchandise than convenience stores.

Foster home means any establishment that provides care for children unrelated to the operator in adherence to current regulations established by the state department of children and families and which receives a payment, fee or grant for any of the children receiving care, wherever operated and whether or not operated for a profit.

Foundation systems means those structural members of a building consisting of piers, sills, girders, joists, concrete slabs or any other members designed and used to support a building upon, in or under the ground.

Freestanding sign means a sign supported by a sign structure secured in the ground and which is essentially structurally independent of any building, structure or vehicle, excluding a monument sign.

Frontage. The linear length of a property line of any one premises abutting a street or public right-of-way and parallel to and along each public right-of-way it borders.

Frontage, street, means all the property on one side of a street between two streets, which intersects such street (crossing or termination), measured along the line of the street, or if the street is dead ended, then all of the property abutting on one side between a street, which intersects such street and the dead end of the street.

Functionally dependent facility means a facility which cannot be used for its intended purpose unless it is located or carried out in close proximity to water such as a docking facility necessary for the loading or unloading of cargo or passengers, boat building, boat repair, or fishery processing facilities. The term "functionally dependent facility" does not include long term storage, manufacture, sales or service facilities.

Garage apartment means a single dwelling unit located over a private detached garage and containing square footage no greater than that of the garage.

Garage, parking, means a building or portion thereof designed or used for temporary parking of motor vehicles.

Garage, private, means a structure designed or used for inside private parking of private passenger vehicles by the occupants of the main building. A private garage attached to or a part of the main structure is considered part of the main building. An unattached private garage is considered an accessory building.

Garage, public, means a building, or portion thereof, other than a private garage, designed or used for equipment servicing, repairing, hiring, selling or storing of motor-driven vehicles, but not including the storage of wrecked or junked vehicles.

Garage, repair means a building or portion thereof, other than a private residential garage, designed or used for repairing, equipping or servicing of motor vehicles.

Garage, storage, means a building or portion thereof designed and used exclusively for the storage of motor vehicles, and within which temporary parking may also be permitted.

Garbage means every refuse accumulation of animal, fruit or vegetable matter that attends the preparation, use in cooking and dealing in or storage of meats, fish, fowl, fruit or vegetables; any matter of any nature whatsoever which is subject to decay and the generation of noxious or offensive gases or odors, or which, during or after decay, may serve as breeding or feeding material for flies, or other germ-carrying insects; and any bottles, cans or other containers, utilized in normal household use which, due to their facility to retain water, may serve as breeding places for mosquitoes or other insects.

Grade, average, means the elevation determined by averaging the highest and lowest elevations of a parcel, building site or other defined area of land.

Grade, finish, means the ground elevation at any point after final grading immediately adjacent to a building or structure.

Grading means the filling, excavation or other movement of earth for any purpose.

Grandfathered means or describes the status accorded certain properties, use, and activities that are legally existing prior to the date of adoption of the zoning ordinance or provisions of the zoning ordinance that is allowed to remain, as long as it is continuously used and not expanded.

Gross floor area means the sum of the gross horizontal areas of the several floors of a building measured from the exterior face of exterior walls, or from the centerline of a wall separating two buildings, but not including interior parking spaces, loading space for motor vehicles, or any space where the floor-to-ceiling height is less than six feet.

Gross vehicle weight rating (GVWR) means the value specified by the manufacturer as the recommended maximum loaded weight of a single motor vehicle. In cases where trailers and tractors are separable, the gross combination weight rating (GCWR), which is the value specified by the manufacturer as the recommended maximum loaded weight of the combination vehicle, shall be used.

Ground cover means low growing plants planted in such a manner as to form a continuous cover over the ground, such as Liriope, English Ivy, or like material.

Ground sign means a sign that is movable or permanently erected on a freestanding frame, mast, or pole and not attached to any building with a surface area of less than 100 square feet per side, exclusive of base, but including ornamentation.

Groundwater means water in saturated zones or stratum beneath the surface of land or water, whether or not it is relatively stationary or flowing through channels.

Group living facility means an establishment where lodging is provided:

- (1) For four or more persons who are not a family or for three or more roomers or boarders;
- (2) For residents rather than transients;
- (3) On a weekly or longer basis; and
- (4) In which residents may share common sleeping or kitchen facilities.

The term "group living facility" includes dormitories, fraternities, sororities, roominghouses or boardinghouses, convents or monasteries, orphanages, and housing for other institutional groups. For purposes of these land development regulations, community residential homes and one-, two-, or multiple-family dwellings which constitute separate housekeeping establishments for individual families are not considered group living facilities.

Group ownership (condominium) means any type of property ownership where common land is held by some other person, association, or corporation other than the dwelling unit owner.

Guest house or guest cottage means a dwelling unit in a building separate from and in addition to the main residential building on a lot, intended for intermittent or temporary occupancy by a nonpaying guest; provided, however, that such quarters shall have separate utility meters.

Guyed tower means a communication tower that is supported, in whole or in part, by guy wires and ground anchors.

Habitable room means a space in a structure for living, sleeping, eating or cooking. Bathrooms, toilet compartments, closets, halls, storage or utility spaces and similar areas are not considered habitable spaces.

Habitable story means any story used or to be used for living purposes which includes working, sleeping, eating, cooking, recreation, or a combination thereof. A story used only for storage purposes and having only non-load-bearing walls (e.g., breakaway lattice-work, wall, or screen) is not a habitable story.

Handicap requirements means providing provisions for any person who has anatomical or physiological deficiency restricting or preventing movement without the aid of a mechanical device, wheelchair, walker, cane or canes, crutch, invalid tricycle or any similar device. Any person unable to climb stairs, any blind person and any other person with any physical handicap interfering with the person's ability to walk or travel on a surface other than a level surface.

Hazardous waste means solid waste, or a combination of solid wastes which, because of its quantity, concentration, or physical, chemical, or infectious characteristics, may cause, or significantly contribute to, an increase in mortality or an increase in serious irreversible or incapacitating reversible illness or may pose a substantial present or potential hazard to human health or the environment when improperly transported, disposed of, stored, treated or otherwise managed.

Home for the aged means a facility for the care of the aged with routine nursing or medical care provided known as a nursing home as defined by F.S. ch. 400.

Home improvement center means an establishment whose principal business is the retail sale of merchandise customary to the repair, maintenance and improvement of residential and business structures, including repairs, maintenance and improvements of the properties on which these structures are located. For the purpose of this zoning ordinance, a home improvement center shall not be deemed a business which sells merchandise in large quantities to builders and/or contractors. All materials shall be stored in a completely enclosed structure.

Home occupation means any occupation performed in a dwelling unit in which there is no stock kept or sold on the premises. No person is employed unless he is a member of the immediate family residing upon the premises. No mechanical equipment is used except as is necessary for purely domestic or household purposes. There is no sign other than an unlighted name plate not more than one foot square in area, or a display that will indicate from the exterior of the building that it is being used for any purpose other than a dwelling.

Hospital means a building or group of buildings having facilities for overnight care of one or more human patients, providing services to in-patients and medical care to the sick and injured, and which may include as related facilities: laboratories, out-patient services, sanitarium, sanatorium, preventorium,

clinic, rest home, nursing home, convalescent home and any other place for the diagnosis, treatment or other care of ailments, and shall be deemed to be limited to places for the diagnosis, treatment or other care of ailments training facilities, central service facilities, and staff facilities; provided, however, that any related facility shall be incidental and subordinate to principal hospital use and operation. Only those buildings licensed as a hospital under the laws of the state shall be included within this definition.

Hospital, general medical and surgical only, means a hospital other than for mental patients, contagious or infectious diseases, or liquor or drug addicts.

Hotel/motel/motor lodge means a structure or group of attached or detached buildings containing individual sleeping units, with automobile storage or parking spaces provided. It is kept, used, maintained, advertised as or held out to the public to be a place where sleeping accommodations are supplied for pay to guests or tenants. Sleeping accommodations and any dining room, restaurant or cafe is in the same building or in an accessory building.

Housing for the elderly means a facility defined as an adult congregate living facility or an adult day care center under F.S. ch. 400 in the nature of multiple-family housing, with no provision for routine nursing or medical care. Where this zoning ordinance permits housing for the elderly, such housing shall be used only for this purpose; if housing for the elderly is changed to multiple-family use, then the provisions of this subpart shall be met before such multiple-family use is permitted.

Illuminated sign means a sign which contains a source of light or which is designed or arranged to reflect light from an artificial source including indirect lighting, neon, incandescent lights, backlighting, and shall also include signs with reflectors that depend upon automobile headlights for an image.

Impervious surface means a surface that has been compacted or covered with a layer of material so that it is highly resistant to infiltration by water. The term "impervious surface" includes, but is not limited to, semi-impervious surfaces such as compacted clay, as well as most conventionally surfaced streets, driveways, roofs, sidewalks, parking lots and other similar surfaces.

Improvement means any manmade, immovable item which becomes part of, is placed upon, or is affixed to real estate.

Infestation means the presence within or around a dwelling of any insects, rodents or other pests.

Junk yard means a place, structure or lot where junk, waste, discarded, salvaged or similar materials such as old metals, wood, slush, lumber, glass, paper, rags, cloth, bagging, cordage, barrels, containers, etc., are brought, bought, sold, exchanged, baled, packed, disassembled, sorted or handled, including used lumber and building material yards, house wrecking yards, heavy equipment wrecking yards, and yards or places for the storage, sale or handling of salvaged house wrecking or structural steel materials. This definition shall not include automobile wrecking and automobile storage yards, or pawnshops and establishments for the sale, purchase or storage of secondhand cars, clothing, salvaged machinery, furniture, radios, stoves, refrigerators or similar household goods and appliances, all of which shall be usable, nor shall it apply to the processing of used, discarded or salvaged materials incident to manufacturing activity. However, establishments for the sale, purchase or storage of secondhand refrigerators, stoves, plumbing fixtures and similar merchandise shall be considered a junk yard for the sole purpose of requiring that such establishments display their merchandise behind a visual barrier as required for junk yards by this zoning ordinance.

Kennel means any place or premises where four or more household pets over four months of age are kept for pay or for sale. This definition shall not apply to veterinarians operating under license from the state who board household pets on the same premises in conjunction with their practice incidental to observation and treatment.

Landscape development means trees, shrubs, ground cover, vines, or grass installed in planting areas for the purpose of fulfilling the requirements of this subpart.

Landscape dividing strip means a landscape area containing ground cover, shrubs and trees, or other landscaping used to partition parking areas into individual bays.

Laundry, self-service, means a business that renders a retail service by renting to the individual customer equipment for the washing, drying, and otherwise processing laundry, with the equipment serviced by and its use and operation supervised by an attendant.

Linear park means linear open spaces that can follow canals, rivers, shorelines, power transmission line rights-of-way, streets and highways or even bicycle paths. Names frequently given to this concept include parkways, boulevards or greenbelts. Regardless of the form they take, linear parks are intended to make movement from one part of the city to another more pleasant. Because of linear form, they are particularly conducive to recreational activities such as hiking, bicycling, horseback riding or driving for pleasure.

Loading space, off-street, means an on-the-property space, logically and conveniently located for pickups or deliveries or for loading and unloading of vehicles scaled to delivery vehicles expected to be used, and accessible to such vehicles when required off-street parking spaces are filled. Such space shall measure not less than 12 feet by 25 feet excluding surfaced area necessary for access and maneuvering.

Long-term rental means any residential rental that is rented for a period of six months or longer.

Lot means any discrete piece, parcel, plot, or tract of land shown on a recorded plat or any piece of land specifically described in a deed appearing in the public records occupied. For the purpose of this chapter, the term "lot" shall be taken to mean any number of contiguous lots or portions thereof, upon which one or more main structures for a single use are erected or are to be erected or which has the potential for occupancy by a building together with its accessory buildings, including the open space required under this chapter and includes the following:

- (1) Corner lot. Any lot situated at the junction of and abutting on two or more intersecting streets, roads, or highways, unless the angle of intersection is more than 135 degrees.
- (2) Double frontage. An interior lot having frontage on two parallel or approximately parallel streets, roads, or other thoroughfares streets, other than a corner lot.
- (3) Interior lot. A lot other than a corner lot having frontage on one street.

Lot coverage means the number determined by dividing that area of a lot which is occupied or covered by the total horizontal projected surface of all buildings, including covered porches, and accessory buildings, driveways, and paved, bricked, or wooden walkways, pool decks and patios, by the lot area.

Lot depth means the distance measured in the mean direction of the side lines of the lot from the midpoint of the front line to the midpoint of the opposite rear line of the lot.

Lot, Flag means a parcel of land that is situated generally behind a lot or lots fronting on the street; does not meet the required lot width requirements at the required front yard setback as per the Density Control Regulations as set forth for each specified zoning district in Chapter 117 of the City Land Development Code but does maintain a narrow street frontage along the width of the access strip.

Lot lines mean the lines bounding a lot, dividing one lot from another.

Lot line, front means that property line that abuts a public street. If a lot abuts on two or more streets, the front lot line shall be that property line abutting a street that has been so designated by the owner at the time of an application for a building permit, provided such lot is not thereby made nonconforming.

Lot line, side means any property line which is not a front lot line or a rear lot line. A side lot line separating a lot from another lot or lots is an interior side lot line.

Lot line, rear means that property line that is most distant from and is, or is most nearly, parallel to the front lot line.

Lot of record means a lot whose existence, location and dimensions have been legally recorded as part of a subdivision or registered in a deed or on a plat which has been legally recorded in the office of the clerk of the circuit court of the county prior to the effective date of this zoning ordinance. If a portion of a lot or parcel has been conveyed at the time of the adoption of the land development code, the remaining portion of said lot or parcel shall be considered a lot of record.

Lot width means the horizontal distance between the side lot lines of a lot at the depth of the required front yard setback where the lot abuts a street, or at the front lot line where no front yard setback is required ~~the mean horizontal distance between side lot lines as measured at right angles to the depth.~~

Lowest floor means the lowest enclosed floor of a structure, including a basement, but not including the floor of an area enclosed only with insect screening or wood lattice as permitted by the flood damage prevention regulations in this subpart.

Maintenance means that action taken to restore or preserve the original design and function.

Major thoroughfare means a multi-lane divided roadway with more than one lane in each direction.

Manufactured housing means it is mass-produced in a factory and is designed and constructed for transportation to a site. It is installed onsite and available for use as a dwelling when connected to required utilities. It can be constructed either as an independent, individual building or as a module for combination with other elements to form a building on the site.

Marina means a waterfront facility providing one or more of the following:

- (1) Docking and/or wet or dry storage of boats for a fee;
- (2) Sales of marine supplies, parts and fuel;
- (3) Boat sales, rental and/or charter;
- (4) Boat service and repair.

Marina accessory uses means uses normally ancillary and subordinate to a marina, including, but not limited to, live aboard facilities, if permitted, restaurants, gift shops, offices, self-service laundries, water taxi dockage and other commercial activities such as the ship's store, which shall be designed and situated within the marina facility to serve the boating community.

Marquee sign means a roof-like structure, often bearing a signboard, projecting over an entrance, as to a theater or hotel.

Massing means the overall bulk, size, physical volume, or magnitude of a structure or project.

Maximum lot/site coverage means the highest allowed percentage of a lot to be covered by structures.

Medical marijuana treatment center dispensing facility (MMTC) means a retail facility established by a licensed medical marijuana treatment center that sells or dispenses medical marijuana, products containing marijuana, or related supplies, but does not engage in any other activity related to the preparation, wholesale storage, distribution, transfer, cultivation, or processing of any form of marijuana, marijuana products, or related supplies.

Mini-warehouses means and includes personal property storage establishments in which storage space for personal property is provided and offered to the public for monetary compensation. Storage of

goods shall be limited to personal property or business with no retail sales, repairs or manufacturing service establishments, offices, and apartments (no commercial distribution, assembly of finished goods or warehousing allowed).

Minor replat means the subdivision of a single lot or parcel of land into two lots or parcels, or the subdivision of a parcel into two or more lots solely for the purpose of increasing the area of two or more adjacent lots or parcels of land, where there are no roadway, drainage or other required improvements, and where the resultant lots comply with the standards of this subpart.

Mixed-use building means a use which contains a mixture of one or more residential units and commercial businesses within the same building.

Mobile home park means a parcel of land set aside and rented by any person for the parking and accommodation of mobile homes which are to be occupied for sleeping or eating in exchange for a consideration or benefit to the owner of the mobile home park. This includes all land, buildings, structures or facilities used by occupants of mobile homes on such premises.

Modular home means any single-family residential dwelling unit constructed in a controlled factory environment in accordance with the provisions of the state minimum building, plumbing, electrical, fire, accessibility and energy codes, and which has building plans. A modular home can be shipped as a vehicle with wheels or may be delivered on a truck and may or may not be required to be constructed on an integral chassis. Modular homes are governed by F.S. §§ 553.35 through 553.41, regulated by the state department of community affairs and bear such an insignia over the electrical panel cover.

Modular office buildings/manufactured building means a closed structure, building assembly, or system of assemblies, which may include structural, electrical, plumbing, heating, ventilating, or other service systems manufactured in manufacturing facilities for installation or erection, with or without specified components, as a finished building or part of a finished building, which shall include, but not be limited to, residential, commercial, institutional, storage, or industrial structures. Manufactured building may also mean, at the option of the manufacturer, any building of open construction made or assembled in manufacturing facilities away from the building site for installation, or assembly and installation, on the building site.

Monopole tower means a communication tower consisting of a single pole, constructed without guy wires and ground anchors.

Motor vehicle means any vehicle which is propelled or drawn on land by a motor, such as, but not limited to, passenger cars, trucks, truck-trailers, semi-trailers, campers, go-carts, amphibious craft on land, dune buggies, or racing vehicles, but not including motorcycles.

Natural systems means systems which predominantly consist of or are used by those communities of plants, animals, bacteria and other flora and fauna which occur endogenously on the land, in the soil or in the water.

New construction means structures or substantial improvements for which the start of construction occurred on or after the effective date of the ordinance from which this subpart is derived, and any alteration, repair, reconstruction or improvements to a structure which is in compliance with these flood damage prevention regulations.

Noise control officer (NCO). The chief of police, or person designated by the chief of police, shall be the noise control officer.

Noise sensitive zone means those zones that are created from time to time by resolution of the city council upon a finding that the subject area contains a land use which is sensitive to or subject to adverse reactions from noise.

Nonconforming development means development that does not conform to the land use regulations in chapter 117 and/or the development design and improvement standards in chapter 113.

Nonconforming sign means any sign or structure related thereto within the city which was lawfully erected and maintained prior to the effective date of the ordinance from which this subpart is derived which is prohibited by or fails to conform to all applicable regulations, requirements, and restrictions of this subpart; except that signs that are within ten percent of the height and size limitations of this Code, and that in all other respects conform to the requirements of this subpart, shall be deemed to be in conformity with this subpart.

Nonconforming use of building means use of a building or portion thereof, or land or portion thereof, which does not conform with the land use regulations of the district in which the building is located, the use of which was legally established and existed prior to the effective date of such use regulation.

Nursing home means a public or private home, institution, building, residence or other place, profit or nonprofit, which undertakes through its ownership or management to provide for a period exceeding 24 hours, maintenance, personal care, or nursing for three or more persons not related by blood or marriage to the operator, who by reason of illness or physical infirmity or advanced age are unable to care for themselves; provided that this definition includes homes offering services for less than three persons when the homes are held out to the public to be establishments which regularly provide nursing and custodial services. Only those homes, buildings or places licensed under F.S. ch. 400, pts. I, II and IV, as nursing homes, adult congregate living facilities, and adult day care centers, respectively, shall be included within this definition.

Nuisance trees means trees that are exempted from the tree protection requirements of this subpart as defined in chapter 113.

100 percent clear zone means the requirement that in the event of a tower failure, the entire height of the tower would fall completely within the boundaries of the property on which it is located.

Occupied means arranged, designed, built, altered, converted to, or intended to be used or occupied.

Office, business or professional, means an office for such operations as accounting services, auditing and bookkeeping services, employment service agencies (permanent job placement), insurance offices, manufacturer's representative, mortgage broker, real estate offices, stockbroker's office, telephone answering and referral service, travel agency, and the like; or an office for the use of persons generally classified as professionals such as architects, attorneys, clinics, chiropractors, dentists, doctors, engineers (including surveyors), interior designers, land planners, licensed masseurs, medical and dental laboratories, ophthalmologists, osteopaths, psychiatrists, psychologists and other mental health services, veterinarians (but not including treatment or boarding of animals on the premises), and the like.

Open patio means an outdoor area or structure that, for the purposes of this subpart, adjoins or is adjacent to a restaurant, saloon, tavern, bar, cafe, cocktail lounge, delicatessen, food service type establishment or the like.

Open space means areas defined as undeveloped lands suitable for passive recreation without structures or buildings either in its natural state or landscaped with vegetation and/or grasses.

Operator means any person who has charge, care or control of a building or part thereof, in which dwelling units or rooming units are let.

Outdoor advertising display means any letter, figure, character, mark, plane, point, marquee sign, design, poster, pictorial, picture, stroke, stripe, line, trademark, reading matter or illuminated service, which shall be so constructed, placed, attached, painted, erected, fastened or manufactured in any manner whatsoever, so that the display shall be used for the attraction of the public to any place, subject, person, firm, corporation, public performance, article, machine or merchandise, whatsoever, which are displayed in any manner whatsoever out-of-doors.

Outdoor entertainment means the provision of onsite amplified or non-amplified music, song, and/or spoken word for the enjoyment of patrons associated with a permitted business use or activity. Outdoor entertainment may be permanent or restricted.

Outdoor seating means secondary seating solely to serve patrons with food/beverage, stored and/or prepared in the adjacent establishment.

Outdoor storage means the storage, keeping, maintaining or allowing the existence of merchandise, building materials, wood, junk, trash, debris or other similar items outside of a completely enclosed building.

Owner means a person who, or entity which, alone, jointly or severally with others, or in a representative capacity (including, without limitation, an authorized agent, attorney, executor, personal representative or trustee) has legal or equitable title to any property in question, or a tenant, if the tenancy is chargeable under his lease for the maintenance of the property.

Package store/liquor store means a place where alcoholic beverages with an alcoholic content in excess of 14 percent are dispensed or sold in containers for consumption off the premises.

Parcel means a unit of land within legally established property lines. If, however, the property lines are such as to defeat the purposes of this subpart or lead to absurd results, a parcel may be as designated for a particular site by the building official.

Parking area means a paved ground surface area used for the temporary parking and maneuvering of vehicles by employees or customers, either for compensation, or to provide an accessory service to a commercial, industrial, institutional or residential use.

Parking bays means a parking area subdivided into uninterrupted rows of parking spaces which are generally separated by only single or double painted lines.

Parking lot means an area or plot of land used exclusively for the storage or parking of motor vehicles, but no vehicles are equipped, repaired, rented or sold.

Parking space means a ground surface area used for the temporary storage of a single vehicle to serve a primary use. Groups of spaces and abutting access ways are called parking bays.

Parking space, off-street, means marked or unmarked parking located within a parcel and outside a private or public right-of-way supportive of needs of adjacent facility or facilities, adequate for parking a standard size motor vehicle with room for opening doors on both sides. Such space shall also be surfaced with erosion-resistant material in accordance with city specifications.

Parking space, on-street, means marked or unmarked parking located within a private or public right-of-way and outside of a parcel adequate for parking a standard size motor vehicle.

Patio home means a single-family attached/detached home; this style may be one- or two-story with windows facing protected enclosed spaces, the court or enclosed patio provides additional living space in complete privacy. Front and rear yard setbacks give the opportunity for additional fenced or walled private patio.

Paved ground surface area means any paved ground surface area (excepting public rights-of-way) constructed from concrete, asphalt, brick pavers, millings, or other surface material intended to withstand vehicular traffic without erosion and which does not include grass, dirt, wood chips, limerock and the like used for the purpose of driving, parking, storing or display of vehicles, boats, trailers and mobile homes, including new and used car lots and other open-lot uses. Parking structures, covered drive-in parking areas to the drip line of the covering or garages, shall not be considered as paved ground surface areas. Any off-street parking or loading space required under this subpart shall be considered as paved ground surface area for purposes of this subpart whether or not the off-street parking or loading space is paved.

Pergola means an arbor or a passageway of columns supporting a roof of trelliswork on which climbing plants are trained to grow. Pergolas are usually a separate structure from the main building.

Permanent means designed, constructed and intended for more than short-term use.

Person means any individual, association, partnership or corporation, and includes any officer, employee, department, agency, or instrumentality of the United States, the state, or any political subdivision thereof.

Pet, household, means any domestic live creature normally owned or kept as a pet, including cats, dogs, rabbits, reptiles, various small animals (such as hamsters and white mice) and birds, but excluding livestock and any breed of animals, such as, but not limited to, horses, cattle, swine, sheep, goats, chickens, geese, and ducks. Outdoor pens, cages, yards, etc., shall not exceed accommodations for more than a total of four.

Planning and architectural review board means the city planning advisory board as legally constituted for the city when so designated by the city council.

Planning and zoning director means the official designated by the city manager as the individual responsible for the administration of the city planning and zoning regulation matters.

Planned unit development means the development of land under unified control that is planned and developed as a whole in a single or programmed series of operations with uses and structures substantially related to the character of the entire development. A planned unit development must also include a program for the provision, maintenance and operation of all areas, improvements, facilities and necessary services for the common use of all occupants thereof.

Planting area means any area designed for landscape planting having a minimum of ten square feet of actual plantable area and a minimum inside dimension of 18 inches on any side.

Porch, enclosed and open, means an enclosed porch is a roofed space attached to the outside of the outer wall of the building, open on one or more sides, which has railings or screened enclosures. An open or unenclosed porch is a roofed space attached to an outer wall of a building open on one or more sides without railing, glass, canvas, screen or similar materials on the open sides.

Portable sign means any sign which is not permanently affixed to a building, structure or the ground, or which is attached to a vehicle or, whether on its own trailer, wheels, or otherwise, is designed or intended to be transported from one place to another. It is characteristic of a portable sign that the space provided for advertising messages may be changed at will by the replacement of lettering or symbols.

Portable storage unit means any container designed for the storage of personal property which is typically rented to owners or occupants of property for their temporary use and which is delivered and removed by truck or other means of conveyance.

Post, pedestal or column sign, means every sign mounted on a post, pedestal or column, with surface area of less than 140 square feet per side, exclusive of post, pedestal or column.

Poultry means any chickens, turkeys, ducks, geese, guineas or other fowl.

Premises means an improved area of land, a lot, plot or parcel of land with its appurtenances and buildings which, because of its unity of current use, may be regarded as the smallest conveyable unit of real estate, exclusive of easements where the premises is the dominant parcel.

Primary front facade means the facade of a building fronting onto a public or private street or pedestrian access way.

Professional office and services means a business that offers any type of personal service to the public in an approved zoning classification and building which requires as a condition precedent to the rendering of such service by obtaining of a license or other legal authorization. By way of example, and

without limiting the generality of this definition, professional services includes services rendered by certified public accountants, public accountants, engineers, chiropractors, dentists, osteopaths, chiropodists, architects, veterinarians, attorneys at law, physical therapists and life insurance agents.

Projection sign means any sign affixed to the wall of any building or structure and extending beyond the building wall, structure, building line or property line more than 12 inches, and a surface area of less than six square feet.

Protected tree means any tree that has a diameter at breast height of more than eight inches, and which is not otherwise exempted from this subpart. For the purpose of this subpart, all mangroves are hereby declared to be protected trees. In addition, all palms with at least 4½ feet of clear trunk between the ground level and the lowest branch are declared to be protected trees.

Public administrative and service facilities means any publicly-owned property and structures necessary to provide services to the surrounding area such as fire and police protection or other normal community service.

Rate means volume per unit of time.

Real estate sign means any temporary sign erected by the owner, or his exclusive agent, advertising that the real property upon which the sign is located, or any portion thereof, is for sale or for rent and not located within the public right-of-way.

Reconstruction means rehabilitation or replacement of a structure or structures which either have been removed or damaged, or altered to an extent of 70 percent or more of the assessed valuation of such structure or structures or 70 percent of the combined assessed valuation of such structure and land as shown on the most recent tax roll of the county.

Recreational vehicle means a vehicular portable structure built on a chassis with its own wheels, either self-propelled or towed by another vehicle designed to be used as a temporary dwelling for travel, vacation, camping or recreational purposes and including travel trailers, camping trailers, pickup campers, converted buses, motor homes, tent trailers, pop-up trailers, boats and boat trailers, and similar devices being more specifically described as:

- (1) Camping trailer means a canvas, folding structure, mounted on wheels and designed for travel, recreation and vacation uses.
- (2) Motorized home means a portable dwelling designed and constructed as an integral part of a self-propelled vehicle.
- (3) Pickup coach means a structure designed primarily to be mounted on a pickup or truck chassis and with sufficient equipment to render it suitable for use as a temporary dwelling for travel, recreational and vacation uses.
- (4) Self-contained travel trailer means a travel trailer which may operate independently of connections to electricity, water and sewers for a period of from one to seven days. Such a travel trailer has its own battery and/or LP gas to operate lights, refrigerator, stove, and heater; a large water tank with pressure systems; and a holding tank with a toilet.
- (5) Travel trailer means a vehicular, portable structure built on a chassis, standing on wheels, whether self-propelled or requiring a separate vehicle for power designed to be used for temporary or recreational living or sleeping purposes for travel, recreational, and vacation uses, permanently identified as travel trailer by the manufacturer on the trailer and, when factory equipped for the road, having body width not exceeding eight feet, and provided its gross weight does not exceed 4,500 pounds, or its body length does not exceed 29 feet.

Remove means to relocate, cut down, damage, poison, or in any other manner destroy, or cause to be destroyed, a tree.

Resort condominium means any unit or group of units in a condominium, cooperative, or timeshare plan which is rented less than six months or rented more than three times in a calendar year for periods of less than 30 days or one calendar month, whichever is less, or which is advertised or held out to the public as a place regularly rented for periods of less than 30 days or one calendar month, whichever is less.

Resort dwelling means any single-family dwelling that is rented less than six months or rented more than three times in a calendar year for periods of less than 30 days or which is advertised or held out to the public as a place regularly rented to guests.

Restaurant means an establishment where food is generally ordered from a menu, prepared, and served for pay, primarily for consumption on the premises in a completely enclosed room, under the roof of the main structure, or with secondary seating typically in an adjacent patio or open patio area. All establishments requiring an SRX license shall conform to F.S. § 561.20(2)(a)(4) which requires 51 percent of monthly receipts come from the sale of food and nonalcoholic beverages.

Roof line means a horizontal line intersecting the highest point or points of a roof.

Roof sign means a sign erected over or on, and wholly or partially dependent upon, the roof of any building for support, or attached to the roof in any way.

Rubbish means combustible and noncombustible waste materials, except garbage including the residue from the burning of wood, coal, coke or other combustible material, paper, rags, cartons, boxes, wood, excelsior, rubber, leather, tree branches, yard trimmings, tin cans, metal mineral matter, glassware, and scrap lumber or other building debris.

Runoff coefficient means ratio of the amount of rain which runs off a surface to that which falls on it; a factor from which runoff can be calculated.

School means an institution for the teaching of children or adults, including primary and secondary schools, colleges, professional schools, dance schools, business schools, trade schools, art schools, and similar facilities.

Screen enclosure means a structural network of metal or wood members with open mesh panels for both walls and roof.

Sediment means the mineral or organic particulate material that is in suspension or has settled in surface waters or groundwaters.

Self-support tower means a communication tower that is constructed without guy wires and ground anchors including lattice towers.

Service station, with major mechanical repairs, means a building or lot which, in addition to providing the sale of gasoline, diesel or other alternative fuels and normal accessories, provides in an enclosed structure major mechanical and body work, straightening of frames or body parts, steam cleaning, painting, minor welding and storage of automobiles not in operating condition.

Service station, without major mechanical repairs, means a building or lot that has as its primary purpose the sale of gasoline, diesel or other alternative fuels and normal accessories for passenger vehicles, and which may also provide not more than three work bays for minor repairs and maintenance to automobiles.

Setback means the required minimum distance ~~between the building line~~ buildings and structures and the related front, side or rear lot line over which no part of any building or structure may extend, except as otherwise provided.

Shared parking means parking that is utilized by two or more uses taking into account the variable peak demand times of each use; the uses can be located on more than one parcel.

Shingle sign means a projection or wall sign with a surface area of less than six square feet, constructed of metal or other noncombustible material attached securely to a building.

Ship's store means a facility that may provide bait, tackle, nautical supplies, snacks, soft drinks, beer and a variety of sundry items.

Shopping center, mall, or urban center means a group of retail stores or service establishments planned and developed as a unit by one operator, owner, organization, or corporation for sale or for lease on the site upon which they are built.

Sign means any letter, number, symbol, figure, character, mark, plane, point, design, stroke, strike, line, illuminated surface, light, string of lights, graphic, picture, mural, or any random or ordered variation of colors or dimensional textures, which shall be so constructed, placed, attached, painted, erected, or fastened in any manner whatsoever so that the same shall be used or intended to either convey information or attract the attention of the public to any place, item or idea, and which is visible by a pedestrian at ground level on any street, or water's edge of the St. Johns River, Governors Creek, or any adjoining premises; provided, however, that nothing in this definition shall be construed to make unlawful:

- (1) One or more dimensional architectural components or dimensional architectural details constructed as an integral part of a building and not used or intended to convey any information or depict any item or idea; or
- (2) Any such dimensional architectural component or dimensional architectural detail being consistently colored a color that is different from the color of such building or the color of another such component or detail (for example: roof versus fascia, fascia versus soffit, soffit versus wall, wall versus trim, trim versus window, window versus door).

Signs consisting of a group of detached letters, or two or more panels on the same support presented as a single advertisement, shall be considered as one sign.

Sign face area means the area of any regular geometric shape which contains the entire surface area of a sign upon which alphabetic or pictorial symbols or representations may be placed.

Site means generally, any tract, lot or parcel of land or combination of tracts, lots, or parcels of land that are in one ownership, or in diverse ownership but contiguous, and which are to be developed as a single unit, subdivision, or project.

Site plan means a scaled plan of the property to be developed, showing the locations of all structures and buildings, required yards, required parking, surface drive areas, loading spaces, stacking spaces, planting areas (both buffer yards and interior), dumpsters, exterior mechanical equipment, storm drainage retention areas, and all trees three inches or larger DBH, by species and DBH (both to be removed and to be retained), and any other necessary details required for review. Site plan shall comply with the requirements of article II of this chapter; this includes compliance with the checklist of requirements for submittal and approval of a site plan.

Sound level means the A-weighted sound pressure level obtained by the use of a sound level meter and frequency weighting network, such as A, B or C as specified in American National Standards Institute specification for sound level meters (ANSI S1.4-1971, Type 2 or the latest approved version thereof). If the frequency weighting employed is not indicated, the A-weighting shall apply.

Sound level meter means an instrument which includes a microphone, amplifier, RMS detector, response dampening circuit, output meter, and A-weighting network used to measure sound pressure levels.

Sound pressure level means 20 times the logarithm to the base ten of the ratio of the RMS sound pressure to the reference of 20 micronewtons per square meter. RMS sound pressure means the square root of the time averaged square of the sound pressure.

Soundproofed means sound baffled sufficiently to render all noise within the structure inaudible from adjoining properties and public rights-of-way.

Special exception means a use that would not be appropriate generally or without restriction throughout the zoning division or district, but which, if controlled as to number, area, location, or relation to the neighborhood, would promote the public health, safety, welfare, morals, order, comfort, convenience, appearance, prosperity or general welfare. Such uses may be permitted in such zoning division or district as exceptions, subject to the provisions of this chapter and in accordance with the procedures as set forth in section 101-352.

Start of construction means the first placement of permanent construction of a building (including a manufactured home) on a site, such as the pouring of slabs or footings, installation of piles, construction of columns, or any work beyond the stage of excavation or the placement of a manufactured home on a foundation.

Stormwater means the flow of water which results from, and that occurs immediately following, a rainfall.

Stormwater management system means the system, or combination of systems, designed to treat stormwater, or collect, convey, channel, hold, inhibit, or divert the movement of stormwater on, through and from a site.

Stormwater runoff means that portion of the stormwater that flows from the land surface of a site either naturally, in manmade ditches, or in a closed conduit system.

Story means that portion of a building included between the surface of any floor and the surface of the next floor above it, then the space between such floor and the ceiling next above it or roof next above.

Story, half. means a story under a gabled, hipped or gambrel roof, the wall plates of which on at least two opposite exterior walls are not more than three feet above the finished floor of the story.

Story height means the vertical distance from top to top of two successive finished floor surfaces.

Street means a public thoroughfare that affords principal means of access to abutting property.

Street line means the line between the street and abutting property. The term "street line" also is referred to as right-of-way line.

Structural alterations means any change, except for repair or replacement, in the supporting members of a building, such as bearing walls, columns, beams or girders, floor joists or roof joists.

Structure means anything which is built, constructed or erected, the use of which requires permanent location in or upon the ground, an edifice of any kind, or any piece of work artificially built up or composed of parts joined together in some definite manner, or attachment to something having permanent location on the land. The term "structure" shall be construed as if followed by the words "or part thereof" and includes a building and any tents, lunch wagons, diners, camp cars or trailers on wheels or other supports, intended for business use or for use as living quarters.

Structural alterations means any change, except the repair or replacement, in the supporting members of a building, such as bearing walls, columns, beams or girders or the rearrangement of any interior partitions affecting more than five percent of the floor area of the building.

Subdivision means a division of a lot, tract or parcel of land or water into more than two lots, plats, sites or other subdivisions of land or water for the purpose, whether immediate or future, of sale, rent, lease, building development, anchorage, right-of-way dedication, or other use.

Substantial improvement means expansion of a building by more than 25 percent or more than 4,000 square feet, whichever is less (refers to section 101-158(d)(1)a).

Supplied means paid for, furnished or provided by or under control of the owner or operator.

Surface water means water above the surface of the ground whether or not flowing through definite channels. This includes any natural or artificial pond, lake, reservoir, or other area which ordinarily or intermittently contains water and which has a discernible shoreline; or any natural or artificial stream, river, creek, channel, ditch, canal, conduit, culvert, drain, waterway, gully, ravine, street, roadway, swale or wash in which water flows in a definite direction, either continuously or intermittently, and which has a definite channel, bed or banks. All wetlands are classified as surface water.

Swimming pool means a structure of concrete, masonry or other approved material and finish, located either indoors or outdoors, used or designed to be used for bathing or swimming purposes, having a water holding capacity of more than two feet deep, and filled with a controlled water supply, together with buildings, appurtenances and equipment used in connection therewith.

Temporary housing means tents, plastic or tar paper lean-to and similar structures of a temporary nature not meeting any of the requirements of this subpart.

Tree protection zone means a circular zone around each protected tree. If the drip line is less than six feet from the trunk of the tree, the zone shall be that area within a radius of six feet around the tree. If the drip line is more than six feet from the trunk of the tree, but less than 20 feet, the zone shall be that area within a radius of the full drip line around the tree. If the drip line is 20 feet or more from the trunk of the tree, the zone shall be that area within a radius of 20 feet around the tree.

Use means the purpose for which land or water or a structure thereon or therein is designated, arranged or intended to be occupied or utilized or for which it is occupied or maintained.

Use of land means use of land, water, water surface, and land under water to the extent covered by zoning districts, and over which the city has jurisdiction.

Vacant land means any lot or parcel of land which is completely open, has no use associated with or upon it and is not utilized as the required yard area for any adjoining uses.

Variance means a modification or relaxation from the literal interpretation of the provisions or terms of the zoning ordinance where such variance will not be contrary to the public interest and where owing to conditions peculiar to the property and not the result of the actions of the applicant, a literal enforcement of the ordinance would result in unnecessary and undue hardship. As used in this subpart, a variance is authorized for height, area and size of structure, size of lot, yards and open spaces, establishment or expansion of a use within an approved zoning district. A variance shall not be granted because of the presence of nonconformities within a zoning district or uses in an adjoining zoning district.

Vehicle means a form of transportation, including motorized and non-motorized vehicles designed and required to be licensed for use upon a highway in the state.

Vehicle use area means an area used for circulation, parking, and/or display of motorized vehicles, except junk or automobile salvage yards.

Vine means any of a group of woody or herbaceous plants that may climb by twining, by means of aerial rootlets or by means of tendrils, or which may simply sprawl over the ground or other plants.

Visual barrier means any manmade or natural structure, including, but not limited to, a fence, wall, bush, tree or other item which prevents or restricts visual access, passage, interchange or freedom of movement.

Wall height means the vertical distance to the top, measured from the foundation wall or from a girder or other intermediate support of such wall.

Wetland is as defined in F.S. ch. 373.

Yard means a required open space other than a court on the same lot with a building, unoccupied and unobstructed from the ground upward, except by trees, or shrubbery, driveways, parking areas and related curbing or signage, or as otherwise allowed in this subpart; provided, however, that fences, walls, poles, posts, and other customary yard accessories, ornaments, and furniture may be allowed in any yard subject to height limitations and requirements limiting obstruction of visibility.

Yard, front, means an open unoccupied space across the full width of the lot extending from the front building line (front building line includes open porches) to the front line of the lot. On corner lots, the front yard is the lesser of the width/depth dimension.

Yard, rear, means an open unoccupied space extending across the full width of the lot and measured between the rear line of the lot and the rear building line of the main building.

Yard, side, means an open unoccupied space on the same lot with a building between the building line and the side line of the lot extending through from the front building to the rear yard or to the rear line of the lot where no rear yard is required. Width of a required side yard shall be measured in such a manner that the yard established is a strip of the minimum width required by district regulations with its inner edge parallel with the side lot line.

Yard, waterfront, means a lot where any of its boundary lines abut or are contiguous to any body of water, natural or artificial, not including a swimming pool. The waterfront yard shall be measured from the portion of said lot which borders the water, regardless of how any structure is situated on the lot.

Zero lot line means the location of a building on a lot in such a manner that one or more of the building's sides rest directly on a side lot line.

Section 2. Code Amended. That Chapter 101 Article II, Division 3. Section 101-160 of the City Code is hereby established to read as follows:

CHAPTER 101

Article II: - Administration.

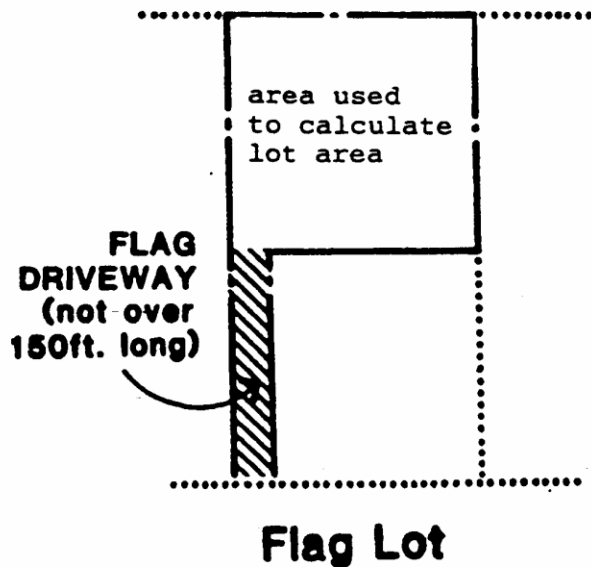
Division 3. – Hardship Relief.

Sec. 101-160. - Flag Lots.

(a) In any district where residential dwellings are permitted, one residential single family detached dwelling unit may be erected on a flag lot, meeting the definition set forth in Section 101-5 of the City Code on any lot in existence prior to the date of this ordinance; under the following conditions:

- (1) The owner of the lot on the effective date specified in Sec. 101-160 (a) above, and all successive property owners including the current property owner, did not own any adjoining property.
- (2) The lot shall abut for at least 25 feet on a street with no potential alternative access points.
- (3) Limitation on Number. A Flag lot shall only be permitted for one residential single family detached dwelling unit.

- (4) Compliance with all required density controls specified in the underlying Zoning District as set forth in Chapter 117 (except for lot width) of the City Code is required.
- (5) Calculation of Lot Area. The lot area occupied by the flag driveway shall not be counted as part of the required minimum lot area (see illustration below).
- (6) Driveway Length. No flag driveway shall be longer than 150 feet.
- (7) Addressing: All addresses for residential lots utilizing a flag lot design must be displayed at their closest point of access to a public street for emergency responders.
- (+)(8) Plan Review: A utility plan and driveway plan shall be submitted for review and approval with the building permit application.
- (9) *The underlying zoning district must allow a flag lot as a special exception..*



(b) Lots not meeting the requirements set forth in Sec. 101-160 (a) shall meet the lot width requirements as set forth in the underlying Zoning District.

Section 3. Code Amended. That Chapter 113 Article II, Division 4. Section 113-131 and Section 113-132 of the City Code are hereby amended to read as follows:

CHAPTER 113

Article II: - Transportation Systems.

Division 4. – Vehicular Access.

Sec. 113-131. - Access – Generally.

All proposed developments shall meet the development standards for vehicular access and circulation in this division and all other requirements as set forth in the City's Land Development Code.

Section 113-132. - Number of access points.

(a) All developments shall have access to a public right-of-way. ~~No building shall be erected on a lot which does not abut for at least 25 feet on a public street or other legal access.~~ Development shall meet the Density Control Requirements for the underlying Zoning District as set forth in Chapter 117, Land Use Regulations of the City Code.

(b) Notwithstanding the provisions in subsection (a) of this section, a nonresidential development or a multifamily residential development on a corner lot may be allowed two points of access. However, no more than one access shall be onto an arterial.

(c) Commercial and industrial lots shall have one access point for the first 100 feet of frontage or portion thereof and shall be entitled to one access point for every additional 100 feet of frontage.

(d) The maximum width for an access point shall be 36 feet for commercial and 60 feet for industrial.

Section 4. Code Amended. That Chapter 117 Article II, Division 2. Section 117-62 of the City Code is hereby amended to read as follows:

CHAPTER 117

Article II: - Residential.

Division 2. – Residential Low Density Land Use, R-1 Zoning Category.

Sec. 117-62. – Special exceptions.

The following are special exceptions in the residential low density land use, R-1 zoning category:

- (1) Home occupations.
- (2) Adult day care in compliance with requirements of the state, as per F.S. ch. 400, part V, as amended, and child care, in compliance with the requirements of the state, as per F.S. § 402.302, as amended.
- (3) Churches with their attendant education and recreational buildings and off-street parking areas.
- (4) Accessory buildings with heights in excess of 12 feet. The height of the accessory structure shall not exceed the height of the principal structure and must have architectural finishes compatible with the principal structure.
- (5) Single Family Residential Development on a flag lot as defined in section 101-5 and subject to the conditions set forth in Section 101-60.

Section 5. Code Amended. That Chapter 117 Article II, Division 3. Section 117-87 of the City Code is hereby amended to read as follows:

CHAPTER 117**Article II: - Residential.****Division 3. – Residential Medium Density Land Use, R-2 Zoning Category.**

Sec. 117-87. – Special exceptions.

The following are special exceptions in the residential medium density land use, R-2 zoning category:

- (1) Special exceptions permitted in the residential low density category (R-1 zoning category).
- (2) Pre-schools.
- (3) Single-family attached dwellings, up to four units, subject to the approval of the site plan.

(4) Single Family Residential Development on a flag lot as defined in section 101-5 and subject to the conditions set forth in Section 101-60.

Section 6. Code Amended. That Chapter 117 Article II, Division 3. Section 117-122 of the City Code is hereby amended to read as follows:

CHAPTER 117**Article II: - Residential.****Division 4. – Residential High Density Land Use, R-3 Zoning Category.**

Sec. 117-122. – Special exceptions

The following are special exceptions in the residential medium density land use, R-3 zoning category:

- (1) Special exceptions permitted in the residential medium density category, R-2 zoning;
- (2) Off-street parking lots;
- (3) Nursing homes and convalescence facilities;
- (4) Mobile home parks or subdivisions, provided:
 - a. Piers with adequate foundations shall be located a minimum of ten feet on center under the chassis of each unit;
 - b. Organic material shall be removed from under each unit;
 - c. Appropriate skirting shall be used around all coaches;
 - d. A minimum of three tie-downs shall be provided for each unit with adequate anchoring, however, all tie-downs shall be provided on the unit shall be anchored;
 - e. Each street shall be paved surface of a minimum of 22 feet in width curb-to-curb;
 - f. Engineering design of all construction shall be approved by the city public works director;
 - g. Individual laundry facilities shall be located within the main unit or within an approved utility structure;
 - h. All utilities shall be provided underground;

- i. For a mobile or modular home subdivision, the design standard set forth in the city's subdivision regulations shall apply;
 - j. The park or subdivision complies with all state and federal laws.
- (5) Group care homes.
- (6) Multifamily dwelling units with out garages.
- (7) Single Family Residential Development on a flag lot as defined in section 101-5 and subject to the conditions set forth in Section 101-60.

Section 7. Code Amended. That Chapter 117 Article IX, Division 4. Section 117-541 of the City Code is hereby amended to read as follows:

CHAPTER 117

Article IX: - Gateway Corridor.

Division 4. – Gateway Corridor Neighborhood Zoning Category

Sec. 117-541. – Special exceptions.

Special exceptions are as follows:

- (1) Convenience retail stores with gas pumps;
- (2) Establishment of facilities for the retail sale of beer and wine off-premises;
- (3) Hospitals;
- (4) Restaurants with drive-through facilities;
- (5) Automotive service establishments:
 - a. Retail and service establishments for automotive service and repair and automobile parts store.
 - b. The permitted uses in section 117-540 (excluding automobile sales) are subject to the following limitations:
 - 1. Sale, repair (excluding automobile sales), service, and storage shall be conducted within a completely enclosed building.
 - 2. The building footprint used for the uses in this section shall not be larger than 2,500 square feet.
 - 3. Lot size of no more than 21,000 square feet shall be used for the uses in this section.
 - 4. Outdoor storage area is limited to 20 percent of the lot size, but no more than 40 percent of the building footprint of the principal structure.
 - 5. Outdoor storage area must be located in a fenced area with a visual barrier of not less than 85 percent opacity.

(6) Single Family Residential Development on a flag lot as defined in section 101-5 and subject to the conditions set forth in Section 101-60.

Section 8. Code Amended. That Chapter 117 Article IX, Division 4. Section 117-565 of the City Code is hereby amended to read as follows:

CHAPTER 117

Article IX: - Gateway Corridor.

Division 5. – Gateway Corridor Commercial Zoning Category

Sec. 117-565. – Special exceptions.

The following uses are special exceptions in the gateway corridor commercial zoning category:

- (1) Establishments or facilities for automobile parts, sales and services without use of an outdoor intercom or public address system or speakers, and no vehicle display racks that tilt vehicles in any way to show underside, unless they are located inside a show room.
- (2) Establishments or facilities for the retail sale and service of all alcoholic beverages for on-premises consumption.
- (3) Single-family detached dwelling units meeting the density requirements of the gateway corridor neighborhood zoning category.
- (4) Multifamily dwelling units without garages.
- (5) Single Family Residential Development on a flag lot as defined in section 101-5 and subject to the conditions set forth in Section 101-60.

Section 9. Conflicts. If any portion of this Ordinance is in conflict with any other ordinance, then the provisions of this Ordinance shall govern.

Section 10. Severability. If any section, sentence, clause or phrase of this Ordinance is held to be invalid or unconstitutional by any court of competent jurisdiction, then said holding shall in no way affect the validity of the remaining portions of this Ordinance.

Section 11. Effective Date. Upon its adoption by the City Council, this ordinance shall become effective.

INTRODUCED AND APPROVED AS TO FORM ONLY ON THE FIRST READING BY THE CITY COUNCIL OF GREEN COVE SPRINGS, FLORIDA, ON THIS 2nd DAY OF, FEBRUARY 2020.

CITY OF GREEN COVE SPRINGS, FLORIDA

By: _____
B. Van Royal, Mayor

ATTEST: _____
Erin West, City Clerk

PASSED ON SECOND AND FINAL READING BY THE CITY COUNCIL OF GREEN COVE SPRINGS, FLORIDA, THIS 16th DAY OF, FEBRUARY 2020.

CITY OF GREEN COVE SPRINGS, FLORIDA

By: _____
B. Van Royal, Mayor

ATTEST: _____
Erin West, City Clerk

APPROVED AS TO FORM:

L. J. Arnold III, City Attorney

CITY OF GREEN COVE SPRINGS CITY COUNCIL REGULAR SESSION

321 WALNUT STREET, GREEN COVE SPRINGS, FLORIDA
TUESDAY, JANUARY 05, 2021 – 7:00 PM



MINUTES

Invocation & Pledge of Allegiance to the Flag - **Pastor Swain, Lake Asbury Baptist**

Roll Call

COUNCIL MEMBERS PRESENT: Mayor Van Royal, Vice Mayor Ed Gaw, Council Member Connie Butler, Council Member Matt Johnson, Council Member Steven Kelley

STAFF MEMBERS PRESENT: L.J. Arnold, III, City Attorney, Steve Kennedy, City Manager, Mike Null, Assistant City Manager, Erin West, City Clerk

Mayor to call on members of the audience wishing to address the Council on matters not on the Agenda.

1. Fran Gilhooly 1000 Pinewood Ct. GCS asks Council Member Butler if she received her email concerning seniors being taken advantage of. Council Member Butler advises Ms. Gilhooly and asks Ms. Gilhooly about contacting the Board of County Commissioners also.
2. Hope Chessel 1310 North Street GCS thanks the Council for letting the citizens take over the city for a Cove Christmas.

AWARDS & RECOGNITION

Motion to approve the Martin Luther King, Jr Day and Arbor Day Proclamations.

Motion made by Council Member Butler, Seconded by Council Member Kelley.

Voting Yea: Mayor Royal, Vice Mayor Gaw, Council Member Butler, Council Member Johnson, Council Member Kelley

1. Proclamation – Martin Luther King, Jr Day
Mayor Royal reads the Proclamation and advises it will be presented at the Martin Luther King, Jr event on Monday, January 18, 2021.
2. Proclamation - Arbor Day
Mayor Royal reads the Proclamation and presents it to the Green Cove Springs Garden Club President, Connie Gladding.

Assistant City Manager, Mike Null introduces the new Electric Director, Andy Yeager.

PUBLIC HEARINGS

3. Second and Final Reading of Ordinance No. O-15-2020 Amendment regarding Condominium and Townhouse Requirements and requiring approval of a Special Exception for Multifamily Dwellings in excess of 35' in height in the R-3 High Density Residential Zoning District. *Michael Daniels*

City Attorney Arnold reads Ordinance No. O-15-2020 by title.

Development Services Director, Michael Daniels speaks concerning the Ordinance and advises there has been no public input.

Mayor Royal opens the public hearing.

Following no public comment, the public hearing is closed.

Council discussion follows.

Motion to approve on second and final reading Ordinance No. O-15-2020, amending City Code Chapter 117, Article I and II.

Motion made by Council Member Kelley, Seconded by Council Member Butler.

Voting Yea: Mayor Royal, Vice Mayor Gaw, Council Member Butler, Council Member Johnson, Council Member Kelley

Mr. Daniels speaks to the Council concerning the passing of Chad Williams, Zoning Chief for Clay County in early December.

CONSENT AGENDA

All matters under the consent agenda are considered to be routine by the city council and will be enacted by one motion in the form listed below. There will be no separate discussion on these items. If discussion is desired, that item will be removed from the consent agenda and will be considered separately. Backup documentation and staff recommendations have been previously submitted to the city council on these items.

Mayor Royal pulls Item 12 and Vice Mayor Gaw pulls Item 5.

Motion to approve Consent Agenda Items 4 through 14 minus Items 5 and 12.

Motion made by Council Member Johnson, Seconded by Council Member Kelley.

Voting Yea: Mayor Royal, Vice Mayor Gaw, Council Member Butler, Council Member Johnson, Council Member Kelley

4. City Council approval of Minutes from 11/10/2020 and 12/08/2020 Regular Sessions. *Erin West*
5. City Council approval for the Water and Wastewater Departments to piggyback the City of Atlantic Beach RFP 21-01 Annual Contract for Environmental Laboratory Services with AEL for Water & Wastewater laboratory services for FY 21 in the amount of \$55,000.00. *Scott Schultz*

Vice Mayor Gaw advises he pulled this item for education purposes and questions how the City piggybacks on other cities contracts.

Assistant Water Utilities Director, Scott Schultz explains how piggybacking works.

Motion to approve Consent Agenda Items 5 and 12.

Motion made by Council Member Kelley, Seconded by Vice Mayor Gaw.

Voting Yea: Mayor Royal, Vice Mayor Gaw, Council Member Butler, Council Member Johnson, Council Member Kelley

6. City Council approval to purchase a 2021 F 250 work truck from Duval Ford in the amount \$ 38,123.00 and surplus truck # 274 which is a 2005 F 350 with 48,500 miles on it. **Steve Thomas**
7. City Council approval of, and authorization for the Mayor to execute, Disbursement Request #8 in the amount of \$12,500.00 to the Design Loan Agreement for the Florida Department of Environmental Protection (FDEP), Drinking Water State Revolving Fund (SRF) Loan Application DW 100102 for \$356,800.00, for the design of capital improvements to the City's Water System **Scott Schultz**
8. City council approval of Forfeiture Funds being used for services from Arnold Law. **Derek Asdot**
9. City Council approval of funding, and authorization for the City Manager to execute, a Task Order in the amount of \$49,500.00 to Mittauer & Associates for surveying, topographic analysis, permitting, design and construction management for water and sewer force main extension on County Road 209 South. **Scott Schultz**
10. City Council approval of Contractors Pay Request #6 in the amount of \$10,635.12 to Jax Utilities Management for Bid Award LC 2020-07, US 17 / SR 16 Force Main Modifications in the amount of \$412,915.00. **Scott Schultz**
11. City Council approved a Change order # 2 to KBT Contracting Corp on September 15,2020 to build out the Classroom area at Augusta Savage Arts and Community Center for the food bank in the total amount of \$ 148,100.00 Attached is pay # 3 final pay application for your approval in the amount of \$ 95,129.15. **Steve Thomas**
12. City Council approval of a bid proposal from Jax Utilities Management, Inc, to Construct the new parking area and the drive through at the ASACC facility in the amount of \$219,195.54. **Steve Thomas**

Assistant City Manager, Mike Null explains when the agenda packet was sent, the piggyback bid number was not available. The bid number is 2017/2018-114 which is the Clay County Greenline Repair and/or New Construction Bid valid through June 12, 2021.

Motion to approve Consent Agenda Items 5 and 12.

Motion made by Council Member Kelley, Seconded by Vice Mayor Gaw.

Voting Yea: Mayor Royal, Vice Mayor Gaw, Council Member Butler, Council Member Johnson, Council Member Kelley

13. City Council approval of a purchase order to Area Communications in the amount of \$523,630 to install underground fiber from Chapman Substation to the core City to support Electric Department SCADA operations and provide improvements to the current City fiber infrastructure. **Mike Null**
14. City Council approval for funding in the amount of \$28,466.00 to Xylem, Inc., for the purchase of two submersible pumps for the Winn Dixie lift station. **Scott Schultz**

COUNCIL BUSINESS

15. FMPA - January 2021 **Bob Page**

Mr. Page gave an overview of January and discussion followed.

16. City Manager and City Attorney Reports and/or Correspondence/Executive Summary Reports.
The City Manager and City Attorney made comments regarding various city activities, events, operations, and projects.

City Manager, Steve Kennedy advises there have been 16 Citizens Advisory Committee (CAC) applications turned in and wording will be added to the upcoming utility bills. Mr. Kennedy asks the Council if they would like to set a meeting to discuss the Rivers House or wait until the CAC is complete. The Council advises to wait until the CAC is complete.

Discussion of the activities set for the Martin Luther King, Jr event being held on January 18, 2021.

17. City Council Reports and/or Correspondence.

The City Council made comments regarding various city activities, events, operations, and projects.

Vice Mayor Gaw advises the first Food Truck Friday is set for March 12, 2021 and would like to have discussion on the next agenda.

Adjournment

There being no further business to come before the City Council, the meeting was adjourned at 8:15 p.m.

CITY OF GREEN COVE SPRINGS, FLORIDA

B. Van Royal, Mayor

Attest:

Erin West, City Clerk

CITY OF GREEN COVE SPRINGS CITY COUNCIL REGULAR SESSION

321 WALNUT STREET, GREEN COVE SPRINGS, FLORIDA
TUESDAY, JANUARY 19, 2021 – 7:00 PM



MINUTES

Invocation & Pledge of Allegiance to the Flag – **Pastor Brown, Cornerstone Church**

Roll Call

COUNCIL MEMBERS PRESENT: Mayor Van Royal, Vice Mayor Ed Gaw, Council Member Connie Butler, Council Member Matt Johnson, Council Member Steven Kelley

STAFF MEMBERS PRESENT: L.J. Arnold, III, City Attorney, Steve Kennedy, City Manager, Mike Null, Assistant City Manager, Erin West, City Clerk

Mayor to call on members of the audience wishing to address the Council on matters not on the Agenda.

1. Dave Fieber 114 Ceja Way, St. Augustine. Mr. Fieber is the President of the Green Cove Rotarys. Thank you for allowing us to have the Pickleball Tournament at the gym. They were able to raise \$3,000 after cost for their Clay High School Scholarship program.

AWARDS & RECOGNITION

1. Promotion of Brandi Acres from Communications Officer to Communications Supervisor. *Derek Asdot*
Chief Asdot speaks about Brandi's promotion and presents her a certificate.
Brandi's husband places her pin.

PRESENTATION

2. Kimberly Cobb-Ray - NEFL Community Action Agency
Kimberly Cobb-Ray with the NEFL Community Action Agency completes a presentation and explains to the Council what the agency does.
Council discussion follows with Vice Mayor Gaw wanting to staff to follow up with Ms. Cobb-Ray on late fees.

PUBLIC HEARINGS

3. First Reading of Ordinance No. O-01-2021, an Ordinance amending Chapter 90 of the City Code Article II Electric Utility, Division 2. Service Applications and Contracts, creating Section 90-24 entitled "Utility Payment Extensions" *Marlena Guthrie*

City Attorney Arnold reads Ordinance No. O-01-2021 by title and advises the word creating should be amending. The error will be fixed on the final reading.

Finance Director, Marlena Guthrie explains the Ordinance and the adjustments.

Mayor Royal opens the public hearing.

Following no public comment, the public hearing is closed.

Council discussion follows.

Motion to approve as form only Ordinance No. O-01-2021, an Ordinance amending Chapter 90 of the City Code Article II Electric Utility, Division 2. Service Applications and Contract, creating Section 90-24 entitled “Utility Payment Extensions”

Motion made by Council Member Kelley, Seconded by Council Member Butler.

Voting Yea: Mayor Royal, Vice Mayor Gaw, Council Member Butler, Council Member Johnson, Council Member Kelley

CONSENT AGENDA

All matters under the consent agenda are considered to be routine by the city council and will be enacted by one motion in the form listed below. There will be no separate discussion on these items. If discussion is desired, that item will be removed from the consent agenda and will be considered separately. Backup documentation and staff recommendations have been previously submitted to the city council on these items.

Mayor Royal pulls Item 4.

Motion to approve Consent Agenda Items 4 through 12 minus Item 4.

Motion made by Council Member Johnson, Seconded by Council Member Kelley.

Voting Yea: Mayor Royal, Vice Mayor Gaw, Council Member Butler, Council Member Johnson, Council Member Kelley

4. City Council approval of the 2021 Food Truck Friday Schedule and Request for City Support.
Kimberly Thomas

Mayor Royal advises that, prior to Vice Mayor Gaw being on Council, Mr. Gaw approached Mr. Royal about getting involved with Food Truck Friday. This item was pulled due to Mayor Royal and Vice Mayor Gaw being affiliated with FTF and the concern of voting on this item.

City Attorney Arnold advises if Mayor Royal and Vice Mayor Gaw he sees no issue with them voting on the item if it is purely a charitable donation and they are not worried about the money. Mayor Royal and Vice Mayor Gaw advise they will abstain from this vote.

Motion to approve Consent Agenda Item 4.

Motion made by Council Member Kelley, Seconded by Council Member Johnson.

Voting Yea: Council Member Butler, Council Member Johnson, Council Member Kelley

Voting Abstaining: Mayor Royal, Vice Mayor Gaw

5. City council approval of Training Funds being used for Block 1 of 4 for JJ Mares for Law Enforcement Basic Recruit Program. *Derek Asdot*
6. City Council approval of the use of training funds for Record Technician, Karla Olivierre-Holness, to attend an online training class: Florida Sunshine Law for Law Enforcement. *Derek Asdot*

7. City Council approval of the 4th Annual GCSPD Golf Tournament. *Derek Asdot*
8. City Council approval of Engineering Service Agreements for upcoming State Revolving Fund and other construction projects to Mittauer & Associates and CPH Incorporated from Bid # LC2020-21, Engineering Services DEP /SRF. *Scott Schultz*
9. City Council approval of, and authorization for the Mayor, City Attorney and City Clerk to execute, the Clean Water State Revolving Fund (SRF), Construction Loan Agreement WW100420, Grant Agreement SG 100421 for Phase II Construction of the Consolidated Advanced Wastewater Treatment Plant (AWWTP) in the amount of \$12,000,000.00 with a principal forgiveness (grant) amount of \$4,452,835.00 providing for an actual repayment amount of \$7,547,165.00. *Scott Schultz*
10. City Council approval to surplus old post lamps from Spring Park. *Scott Schultz*
11. City Council approval to surplus old roofing tiles from Qui-Si-Sana Hotel. *Scott Schultz*
12. Council approval Air-Max as the City's HVAC vendor for new installations and service to be excepted from informal and formal bidding processes for consistency. *Mike Null*

COUNCIL BUSINESS

13. City Manager and City Attorney Reports and/or Correspondence/Executive Summary Reports. The City Manager and City Attorney made comments regarding various city activities, events, operations, and projects.
14. City Council Reports and/or Correspondence. The City Council made comments regarding various city activities, events, operations, and projects.

Adjournment

There being no further business to come before the City Council, the meeting was adjourned at 8:45 p.m.

CITY OF GREEN COVE SPRINGS, FLORIDA

B. Van Royal, Mayor

Attest:

Erin West, City Clerk



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Meeting **MEETING DATE:** February 2, 2021

FROM: Scott Schultz, Asst. Water Utilities Director

SUBJECT: City Council approval of funding, and authorization for the City Manager to execute, a task order in the amount of \$696,500.00 to Mittauer & Associates for FDEP Grant / Loan Administration, Construction Material Review and Approval, Construction Inspection and Administration, SRF Davis-Bacon and American Iron and Steel monitoring requirements, providing Resident Construction Inspector, Start-Up Services, and As-Built / O&M Manual Development for the Phase II Harbor Road Advanced Wastewater Treatment Facility.

BACKGROUND

FDEP-SRF funded projects have very strict monitoring and administration requirements. On a project this size all of the many materials and equipment require engineering review and approval. Daily, continuous, project construction inspection and administration is required. As-builts and operation & maintenance manuals have to be developed and compiled at the close of construction.

FISCAL IMPACT

\$696,500.00 from the Wastewater CIP Budget

RECOMMENDATION

Approve funding, and authorize the City Manager to execute, a task order in the amount of \$696,500.00 to Mittauer & Associates for FDEP Grant / Loan Administration, Construction Material Review and Approval, Construction Inspection and Administration, SRF Davis-Bacon and American Iron and Steel monitoring requirements, providing Resident Construction Inspector, Start-Up Services, and As-Built / O&M Manual Development for the Phase II Harbor Road Advanced Wastewater Treatment Facility.

PROFESSIONAL ENGINEERING SERVICES AGREEMENT

WORK ORDER NO.: _____

PURCHASE ORDER NO.: _____

PROJECT NAME: DEP SRF Harbor Road WWTF Expansion, Phase 2
M&A Project 8905-56-1 (Bidding & Construction Administration)

CITY: CITY OF GREEN COVE SPRINGS, a political subdivision of the State of Florida

PROJECT MANAGER: Jason R. Shepler, P.E. (Vice President of Environmental Services)

CONSULTANT: Mittauer & Associates, Inc.

CONSULTANT'S ADDRESS: 580-1 Wells Road | Orange Park, Florida 32073

Execution of the Work Order by the CITY shall serve as authorization for the CONSULTANT to provide for the above project, professional services as set out in the Scope of Services attached as Exhibit "B", to that certain Agreement dated 2nd day of August, 2016 between the CITY and the CONSULTANT and further delineated in the specifications, conditions and requirements stated in the following listed documents which are attached hereto and made a part hereof.

ATTACHMENTS (Check all that apply):

- DRAWINGS/PLANS/SPECIFICATIONS
- DETAILED SERVICES AND TASKS FOR PROJECT OR STUDY
- SPECIAL CONDITIONS
- _____

The CONSULTANT shall provide said services pursuant to this Work Order, its attachments and the above-referenced Agreement, which is incorporated herein by reference as if it had been set out in its entirety. Whenever the Work Order conflicts with said Agreement, the Agreement shall prevail.

TIME FOR COMPLETION: The work authorized by this Work Order shall be commenced upon receipt of a Purchase Order by the CONSULTANT. The CONSULTANT shall provide the following deliverables at denoted times:

- Services to be provided concurrent with Phase 2 construction activities.

METHOD OF COMPENSATION:


- (a) This Work Order is issued on a:
- "Lump Sum Basis"
 "Hourly Rate Basis" with a "Not-to-Exceed" amount
 "Hourly Rate Basis" with a "Limitation of Funds" amount
- (b) If the compensation is based on a "Lump Sum Basis," then the CONSULTANT shall perform all work required by this Work Order for the sum of Six Hundred Ninety-Six Thousand and Five Hundred DOLLARS (\$696,500.00). In no event shall the CONSULTANT be paid more than the "Lump Sum Fee" Amount.
- (c) If the compensation is based on an "Hourly Rate Basis" with a "Not-to-Exceed" Amount, then the CONSULTANT shall perform all work required by this Work Order for a sum not exceeding _____ DOLLARS (\$_____). The CONSULTANT'S compensation shall be based on the actual work required by this Work Order.
- (d) If the compensation is based on an "Hourly Rate Basis" with a "Limitation of Funds" Amount, then the CONSULTANT is not authorized to exceed the "Limitation of Funds" amount of _____ DOLLARS (\$_____) without prior written approval of the CITY. Such approval, if given by the CITY, shall indicate a new "Limitation of Funds" amount. The CONSULTANT shall advise the CITY whenever the CONSULTANT has incurred expenses on this Work Order that equals or exceeds eighty percent (80%) of the "Limitation of Funds" amount. The CITY shall compensate the CONSULTANT for the actual work performed under this Work Order.

The CITY shall make payment to the CONSULTANT in strict accordance with the payment terms of the above-referenced Agreement.

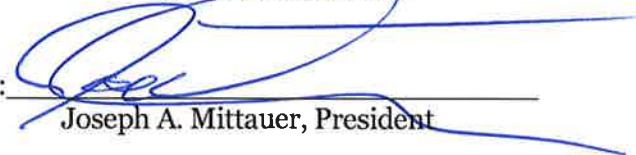
It is expressly understood by the CONSULTANT that this Work Order, until executed by the CITY, does not authorize the performance of any services by the CONSULTANT and that the CITY, prior to its execution of the Work Order, reserves the right to authorize a party other than the CONSULTANT to perform the services called for under this Work Order if it is determined that to do so is in the best interest of the CITY.

IN WITNESS WHEREOF, the parties hereto have made and executed this Work Order on this _____ day of _____, 2020, for the purposes stated herein.

MITTAUER & ASSOCIATES, INC.



Witness

By: 

Joseph A. Mittauer, President

CITY OF GREEN COVE SPRINGS, FLORIDA

Witness

By: _____
Steve Kennedy, City Manager

Date: _____

Encl.: ATTACHMENT A – SCOPE OF SERVICES

PROFESSIONAL ENGINEERING SERVICES AGREEMENT
ATTACHMENT A - SCOPE OF SERVICES

WORK ORDER NO.: _____

PURCHASE ORDER NO.: _____

PROJECT NAME: DEP SRF Harbor Road WWTF Expansion, Phase 2
M&A Project 8905-56-1

The scope of services includes the following components:

ITEM A - ADMINISTRATION SERVICES

The Engineer shall prepare an FDEP Grant/Loan Application for the Construction Phase. The Engineer shall also complete the Engineer's Certification of Disbursement Release and coordinate other documentation needs to coincide with the Contractor's monthly pay request applications and assist the Client's reimbursement process. Other administrative services associated with the FDEP grant will be performed by the Client, the Client's Attorney or the Client's Accounting Firm.

ITEM B - CONSTRUCTION BIDDING SERVICES

The Engineer shall assist the Client in advertising the project for construction bids, based upon award to a single contractor, by preparing an invitation to bid, selling bid documents to prospective bidders, maintaining a record of prospective bidders to whom Bidding Documents have been issued, issuing addenda as appropriate to clarify, correct or change the bid documents, and preparing a tabulation of bids.

ITEM C - CONSTRUCTION ADMINISTRATION

The Engineer shall provide standard Engineering Construction Administration Services including the preparation of construction contract documents; attending a preconstruction conference; reviewing the Contractor's material shop drawings; making periodic visits to the site to observe the progress of the various aspects of the Contractor's work; reviewing and approval of the Contractor's application for payment; processing change orders, if required; reviewing the Contractor's completion documents and record drawings; and performing a final inspection of the work.

ITEM D – SRF MONITORING REQUIREMENTS (DAVIS-BACON AND AMERICAN-IRON-STEEL MONITORING)

The Engineer will coordinate with the selected contractor(s) to review and comment on weekly payrolls to ensure they meet or exceed minimum Davis-Bacon wage requirements, and conduct up to three random site interviews to confirm employee payment amounts. The Engineer will build a file of the materials for record-keeping by the Client and review by the FDEP SRF Personnel.

The Engineer will coordinate with the selected contractor(s) to review and comment on shop drawings and/or other submittals for compliance with the FDEP SRF American Iron and Steel (AIS) requirements. The Engineer will build a file of the approved AIS materials for record-keeping by the Client and review by the FDEP SRF Personnel.

ITEM E - RESIDENT PROJECT REPRESENTATIVE SERVICES

The Engineer shall provide the services of a Resident Project Representative (RPR) at the site up to five (5) days per week in order to provide a more continuous observation of the Contractor's work. The construction contract duration is anticipated to extend for up to 20 continuous months.

ITEM F - START- UP SERVICES & OPERATION/MAINTENANCE MANUAL

The Engineer shall provide start-up services on the project including field time by the Engineer and assisting the Client's employees during the transition to the new facilities.

The Engineer will incorporate selected manufacturer's information and update the Client's operation and maintenance manual for the new system components.



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: Regular Meeting **MEETING DATE:** February 2, 2021
FROM: Steve Thomas
SUBJECT: City Council approval of Pay Application #5 to KBT Contracting Corp in the amount of \$59,234.40 for the ASACC Library Building project. *Steve Thomas*

BACKGROUND

City Council approved entering into a contract with KBT Contracting Corp on 6/16/2020 in the amount of \$476,826.00 to build the new library building at Augusta Savage Arts & Community Center. Attached is Pay Application #5 in the amount of \$59,234.40 for Council Approval.

FISCAL IMPACT

Funds are available in the approved FY 21 CIP for the library project.

RECOMMENDATION

Approve the payment of Pay Application #5 to KBT Contracting Corp in the amount of \$59,234.40 for the new library building.

APPLICATION AND CERTIFICATION FOR PAYMENT

TO Owner: City of Green Cove Springs
321 Walnut Street
Green Cove Springs, FL 32043

FROM CONTRACTOR: KBT Contracting Corp

APPLICATION NO: 5 Distribution to:
 OWNER
 ARCHITECT
 CONTRACTOR
 Lender

PERIOD FROM: 12/1/2020
 TO: 1/22/2021

CONTRACT NO: LC 2020-09

CONTRACT DATE: 6/16/2020

CONTRACT FOR: Augusta Savage Arts & Community Center Library

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

The undersigned Contractor to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner and that current payment shown is now due.

- 1. ORIGINAL CONTRACT SUM \$476,826.00
- 2. Net change by Change Orders \$1,428.00
- 3. CONTRACT SUM TO DATE (Line 1 ± 2)..... \$478,254.00
- 4. TOTAL COMPLETED & STORED TO DATE \$364,595.20
 (Column G on G703)
- 5. Retainage:
 - a. 10 % of Completed Work \$ \$36,459.52
 - b. % of Stored Materials \$ 0
- 6. TOTAL EARNED LESS RETAINAGE \$328,135.68
- 7. LESS PREVIOUS CERTIFICATES FOR PAYMENT \$268,901.28
- 8. CURRENT PAYMENT DUE \$59,234.40
- 9. BALANCE TO FINISH, INCLUDING RETAINAGE.. (Line 3 less Line 6) \$148,690.32

CONTRACTOR: KBT Contracting Corp
 By: [Signature] Date: 1/22/2021

State of: Florida County of: Duval
 Subscribed and sworn to before me this 22 day of January, 20 21
 Notary Public: Dawn Marie Lane Johnson
 My Commission expires: Aug 16, 2024



ARCHITECT'S CERTIFICATE FOR PAYMENT
 In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the OWNER that to the best of the Architects' knowledge, information and belief the Work has progressed as indicated the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$59,234.40
 (Attach explanation if amount certified differs from the amount applied for.)

ARCHITECT or CONSTRUCTION MANAGER:
 By: [Signature] Date: 1-25-2021

This Certificate is not negotiable. the AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$1,428.00	
Total approved this month		
TOTALS	\$1,428.00	\$0.00
NET CHANGES by Change Order		

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed Certification is attached.
 In tabulation below, amounts are stated to the nearest dollar.
 Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 5
 APPLICATION DATE: 1-Dec-20
 PERIOD FROM: 22-Jan-21
 TO:
 ARCHITECT'S PROJECT NO: Bid No. LC2020-09

Augusta Savage Arts & Community Center Library

A ITEM No.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D + E + F)	H BALANCE TO FINISH C - G	I RETAINAGE
			Previous Applications	% G / C					
1	Mobilization	\$20,000.00	\$20,000.00		\$11,920.50		\$20,000.00	\$0.00	\$2,000.00
2	General Conditions	\$47,682.00	\$30,993.30				\$42,913.80	\$4,768.20	\$4,291.38
3	Slab with Termite	\$40,255.00	\$40,255.00				\$40,255.00	\$0.00	\$4,025.50
4	Plumbing	\$31,021.00	\$21,714.70		\$3,101.20		\$24,815.90	\$6,205.10	\$2,481.59
5	Electrical	\$40,850.00	\$28,595.00		\$8,170.00		\$36,765.00	\$4,085.00	\$3,676.50
6	HVAC	\$32,500.00	\$26,000.00		\$3,250.00		\$29,250.00	\$3,250.00	\$2,925.00
7	Sound System	\$6,467.00			\$646.70		\$646.70	\$5,820.30	\$64.67
8	Data Controls	\$15,567.00	\$15,567.00				\$15,567.00	\$14,010.30	\$155.67
9	Fire Alarm	\$16,867.00	\$1,686.70				\$1,686.70	\$15,180.30	\$168.67
10	Exterior Wall Frame, Sheeting	\$21,000.00	\$21,000.00				\$21,000.00	\$0.00	\$2,100.00
11	Interior framing, Insulation	\$11,771.00	\$11,771.00				\$11,771.00	\$0.00	\$1,177.10
12	Truss installation, decking	\$45,984.00	\$45,984.00				\$45,984.00	\$0.00	\$4,598.40
13	Entry Columns and trims	\$5,817.00	\$5,817.00				\$5,817.00	\$0.00	\$581.70
14	Windows	\$3,534.00	\$3,534.00				\$3,534.00	\$0.00	\$353.40
15	Roofing	\$12,829.00	\$12,829.00				\$12,829.00	\$0.00	\$1,282.90
16	Soffits	\$3,950.00	\$3,950.00				\$3,950.00	\$0.00	\$395.00
17	Exterior Doors	\$6,200.00	\$6,200.00				\$6,200.00	\$0.00	\$620.00
18	Stucco	\$16,032.00	\$3,206.40		\$12,825.60		\$16,032.00	\$0.00	\$1,603.20
19	Exterior Painting	\$3,000.00			\$2,700.00		\$2,700.00	\$300.00	\$270.00
20	Gutters	\$7,839.00					\$0.00	\$7,839.00	\$0.00
21	Fire Barrier Drywall	\$5,617.00	\$5,617.00				\$5,617.00	\$0.00	\$561.70
22	Drywall	\$15,777.00	\$3,155.40		\$12,621.60		\$15,777.00	\$0.00	\$1,577.70
23	Acoustical Ceiling	\$6,656.00			\$5,990.40		\$5,990.40	\$665.60	\$599.04
24	Wall Tiles	\$4,800.00					\$0.00	\$4,800.00	\$0.00
25	Interior Doors	\$24,570.00	\$4,914.00				\$4,914.00	\$19,656.00	\$491.40
26	Millwork	\$7,808.00					\$0.00	\$7,808.00	\$0.00
27	Interior Painting	\$5,100.00			\$4,590.00		\$4,590.00	\$510.00	\$459.00
28	Flooring	\$9,283.00					\$0.00	\$9,283.00	\$0.00
29	Appliances	\$1,000.00					\$0.00	\$1,000.00	\$0.00
30	Specialties (Ballet bars, mirrors, lockers, fire extinguishers)	\$5,850.00					\$0.00	\$5,850.00	\$0.00
31	Labor to install client supplied specialties	\$1,200.00					\$0.00	\$1,200.00	\$0.00
32	Change Order #1	\$1,428.00					\$0.00	\$1,428.00	\$0.00
		Totals	\$478,254.00	\$298,779.20	\$65,816.00	\$0.00	\$364,595.20	\$113,658.80	\$36,459.52

Item #6.

WAIVER AND RELEASE OF LIEN UPON PROGRESS PAYMENT


The undersigned lienor, in consideration of the sum of \$59,234.40, hereby waives and releases its lien and right to claim a lien for labor, services or materials furnished through 1/22/2021 to City of Green Cove Springs on the job of Augusta Savage Arts and Community Center Library to the following described property:

1107 Martin Luther King Jr. Blvd.
Green Cove Springs, FL

This waiver and release does not cover any retention or labor, services or materials furnished after the date specified.

DATED on January 22, 2021


Lienor's Name KBT Contracting Corp
Address 5105 Blanding Blvd.
Jacksonville, FL 32210

By 
Printed Name Rebecca Timmons
Title President

STATE OF Florida
COUNTY OF Duval

BEFORE ME, the undersigned officer, personally appeared Rebecca E. Timmons as President of KBT Contracting Corp, who is personally known to me and who did not take an oath, and who is known to be the person described in and who executed the foregoing instrument, and acknowledged to and before me that he/she executed said instrument in the capacity and for the purposes therein expressed.

Signature of Notary: 

Stamp: 



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: Regular Meeting **MEETING DATE:** February 2, 2021
FROM: Kimberly Thomas, Executive Assistant to the City Manager
SUBJECT: Friends of Augusta Savage "BHM" Community Outreach

BACKGROUND

Henrietta Francis on behalf of the Friends of Augusta Savage has requested the use of Vera Francis Hall Park for "Giving Back to our Community with a FarmShare Food give away for the elderly and underserved families in our community" to be held on February 27th. She is requesting co-sponsorship from the City by donation of 10 – 12 tents/chairs, cones for directional purposes, Poss. Sound System (unsure this is needed and would require staff person), Trash cans, Bathrooms open and stocked, Flyer created and distributed where available, assistance with social media advertising, and Security & Rental fees waived.

RECOMMENDATION

City Council approval of Friends of Augusta Savage "BHM" Community Outreach

City of Green Cove Springs Special Event Application



Item #7.

Instructions: The information requested in this application will help staff approve your event and ensure adequate facilities are provided. Each section must be completed in its entirety. This application should be submitted to the Development Services Department a **minimum** of 10 days in advance for a minor event and 30 days in advance for a major event. Staff will determine whether the event is major or minor.

EVENT SUMMARY

Event Title Friends of Augusta Savage "BHM" Community Outreach
Description Giving Back to our community
 A Farmshare Food give away for the elderly, shut-in and underserved families in our community.

- Event Purpose**
- | | | |
|--|--|---|
| <input type="checkbox"/> Promotional Event | <input type="checkbox"/> Concert/Performance | <input type="checkbox"/> Festival |
| <input type="checkbox"/> Fundraiser | <input type="checkbox"/> Parade/Procession/March | <input type="checkbox"/> Walk/Run |
| <input type="checkbox"/> Outdoor Market | <input type="checkbox"/> Community Gathering | <input checked="" type="checkbox"/> Other |

If other, please describe: Community Outreach

Estimated Attendance Peak _____ Average Per Day _____ Total 300

Event Website _____

Date/Time

Day of Event: 02/27/2021 Set-Up: 8:00 AM PM
 Start/End Time: 8am - 3pm Breakdown: 3:00 AM PM

Provide the address and a general description of the venue and space to be utilized there.

Location _____
 Vera Hall Francis Park
 1503 Martin Luther King, Jr., Blvd
 Green Cove Springs, Florida 32043
Area of Event Site (SqFt or Acres): _____

APPLICANT

Host Organization (if any)

Name	Friends of Augusta Savage Arts & Community, Inc.
Address	2439 Bonnie Lakes Drive, Green Cove Springs, Florida 32043
Phone Number	(904) 652-5491
Email	possible_francis@yahoo.com

Contact Person

Name	Henrietta Davis-Francis
Address	2439 Bonnie Lakes Drive
Phone Number	(904) 652-5491
Email	possible_francis@yahoo.com

VENUE SPECIFICS

Please provide a **site sketch** for the venue which shows: (1) ingress and egress to the site, (2) any requested closure of public roads or public parking spaces, (3) designated event parking, (4) location of first aide, (5) location of garbage and recycling cans to be provided, (6) location of restrooms (on-site and portable, including those which are ADA accessible) and handwashing stations, (7) location of vendors, (8) location of entertainment, and (9) location of any other event infrastructure.

YES NO

Are you requesting the closure of any roads or public parking spaces in conjunction with this event? If yes, please provide details. _____

NOTE: Road closures must be approved by City Council.

Are you requesting any aide from the City for this event (police presence, barricades for road closures, etc.)? If yes, please provide details. 12 tables/chairs, Cones for directional purposes, trash cans, bathrooms open and stocked, flyer created and distributed where available, security & rental fees waived, access to social media for advertising.
NOTE: Assistance is subject to availability and staff approval; payment for services may be required. If approved, assistance will be coordinated by the applicant with the appropriate department.

Will there be any tents / canopies used as part of the event? If yes, please indicate how many and what size(s). _____

NOTE: All tents must be properly anchored. Tents may require additional review, associated fees, and permitting. Staff will help you determine if a tent permit is required.

SUBMISSION INFORMATION

Applications should be submitted to the Development Services Department. E-mail your completed application to planning@greencovesprings.com or mail / hand deliver your completed application to:

City of Green Cove Springs
Development Services Department
321 Walnut Street
Green Cove Springs, FL 32043

Minor events are decisioned by the Site Development Review Team (SDRT). Major events must be approved by City Council. After an initial approval of a major event, additional information may be required, as written in City Code Sec. 117-791 of the city code.

Upon approval by SDRT (and when necessary, City Council) and payment of fees, staff will issue an event permit.

FEES

Minor Event: \$50

Major Event: \$500 + \$100 for each additional 1,000 persons over 5,000

The applicant will pay the appropriate fee based on estimated total attendance but must provide attendance figures after the event to verify fees paid.

AFFIDAVIT OF APPLICANT

I certify that I am at least eighteen (18) years old, that I am empowered to execute this application on behalf of the host organization. and that the information on this application is true and complete to the best of my knowledge. I agree to hold harmless, indemnify and defend the City of Green Cove Springs, its officers and employees from any liability costs and attorney fees, which may arise from the Special Event.

I understand that this Special Event application does not guarantee approval of my event or reservation of the event location. I understand that failure to provide information and/or failure to obtain permits by established deadlines will result in cancellation of such Special Event.

I agree to comply with all City ordinances and regulations in connection with this Special Event. I understand that the violation of any City ordinances and/or regulations during the event will result in immediate termination at the City’s discretion and ineligibility for future Special Events.

I understand it is my responsibility to (1) ensure all vendors are properly licensed with the appropriate authorities and (2) return the site to its original condition after the event. Food vending is subject to inspection by the Department of Business and Professional Regulations, Division of Hotels and Restaurants (DBPR). Event coordinators are responsible for notifying DBPR that they intend to conduct an event with food vendors. Call DBPR – (850) 487.1395 for details. Alcoholic beverages may not be consumed as part of the event without the appropriate State and City approvals

I understand temporary signs and banners are not allowed in the City Limits of Green Cove Springs unless in areas designated by the City Manager or for events which are City Sponsored. Signage otherwise would be limited to the duration of the event.

I agree to pay the City for any services required in staging this Special Event. I understand that a Final Permit authorizing the conduct of the event will not be issued until all permit fees are paid and all required information has been provided.

If the event is cancelled after receipt of the permit, I understand a refund is not guaranteed. Any changes in venue or event dates must be submitted to the Development Services Department to be routed for review; approval of changes is not guaranteed.

Applicant Signature

Applicant Printed Name

Applicant Title(if any)

Date

Henrietta Davis-Francis

President

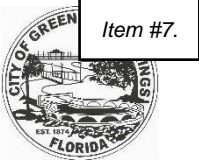
January 25, 2021

CITY OF GREEN COVE SPRINGS

321 Walnut Street, Green Cove Springs, FL 32043
 Phone: (904) 297-7500, x-3320; Fax: (904) 284-8118

PARK RESERVATION APPLICATION

GCS Police Department
 904-297-7300 ext. 3
 Call for any concerns with
 reservations, after normal
 working hours!



Name: Henrietta Davis-Francis Daytime Phone No.: (904) 652-5491
 Organization: Friends of Augusta Savage Cell Phone No.: (904) 652-5491
 Address: 2439 Bonnie Lakes Drive Driver's License No.: F652-324-48-770-0
 City, State, Zip: Green Cove Springs, Fla. 32043 E-mail: possible_francis@yahoo.com

PARK FEE SCHEDULE

SPRING PARK:

- Gazebo (G) \$400.00 (No more than a 5-hour time block reservation)
- Pool Pavilion (PP) \$400.00 (No more than a 5-hour time block reservation)
Rental requires a \$250 Refundable Clean-up Deposit
- Large Pavilion (LP) 5 tables – seats approx. 50-60 \$200.00
- Small Pavilion (SP) 6 tables – seats approx. 36 \$100.00
- Large Picnic Shelter (LPS) 3 tables – seats approx. 18 \$ 75.00
- Small Picnic Shelter (SPS-A) 1 table \$ 50.00
- Small Picnic Shelter (SPS-B) 1 table \$ 50.00
- Pool (P) **Seasonal** \$200.00 (No more than a 2-hour time block reservation)
Reservations times: 9am – 11am or 7pm – 9pm
Rental requires a \$75 Refundable Clean-up Deposit & includes 2 Lifeguards)

VERA FRANCIS HALL PARK:

- Amphitheater (A) \$400.00
- Picnic Shelter (PS-A) 2 tables – seats approx. 12 \$ 75.00
- Picnic Shelter (PS-B) 2 tables – seats approx. 12 \$ 75.00
- Softball Field \$200.00 (All Reservations)

<u>GCS</u>	<u>Clay County</u>	<u>Outside</u>
<u>Residents</u>	<u>Residents</u>	<u>Clay County</u>

AUGUSTA SAVAGE ARTS & COMMUNITY CENTER:

Rental of the Thomas Hogan Memorial Gymnasium requires a \$150.00 refundable deposit. Four (4) Hour Minimum Rental / Maximum capacity = 300 persons (Unavailable during operating hours = 11am-7pm) Open flames such as candles or burners are not allowed. No bottles or glass containers of any kind, except for punch bowls and utensils are permitted in the facility.

- | | | | |
|--|-----------------------------|----------|----------|
| <input type="checkbox"/> T. Hogan Memorial Gymnasium (without carpet protection for Gym floor) | \$300.00 | \$350.00 | \$450.00 |
| <input type="checkbox"/> T. Hogan Memorial Gymnasium (with carpet protection for Gym floor) | \$500.00 | \$550.00 | \$650.00 |
| <input type="checkbox"/> Softball Field | \$200.00 (All Reservations) | | |

ALL RESERVATION FEES ARE NON-REFUNDABLE

RESERVATION DATE: 02/27/2021

HOURS REQUESTED: FROM: 8:00am TO: 3:00 Item #7.
(including set-up and clean-up time)

PURPOSE FOR RESERVATION: Birthday Party Church Function Family Reunion
 Wedding Other: Community Outreach

ESTIMATED NO. OF GUESTS EXPECTED: 300

RESERVATIONS. A Reservation Application Form and Hold Harmless and Indemnification Agreement must be completed and submitted along with the deposit and rental fee, paid in full, before any reservation is confirmed. No one under 21 may sign the form. Reservations must be made at least seven (7) calendar days, but no more than six (6) months, in advance.

RENTAL PAYMENT. Payment for the facilities shall be made by check, money order, or cash and is due at the time the reservation is made. Payment made by check or money order should be made payable to the "City of Green Cove Springs." Returned checks are subject to a fee of \$25.00 plus all bank charges. All rental fees and security deposit must then be made in cash. Final fees are computed from the time of initial set-up through final clean-up. If any additional fees are due and are not paid within 48 hours, funds will be deducted from the deposit.

REFUNDS: All Park Rental Fees are **NON-REFUNDABLE**. However, reservations may be rescheduled upon written request provided the requested shelter / facility is/are not already reserved.

REFUNDABLE DEPOSITS: All refunds will be processed and mailed to the address on the first page of this form within 10 business days after City approval.

AMPLIFICATION REQUESTED? YES _____ NO X

If YES, City Staff may authorize any of the following types of amplification: CD player, boom box/radio, karaoke machine, or electronic music player/speaker, i.e., Cell Phone, iPad, iPod, Tablet.

If YES, and your amplification is not one of the above options that City Staff may approve, then approval from the City Manager is required in the form of a **WRITTEN AND SIGNED** request stating what type of equipment will be used, what time frame the equipment will be used, and for what purpose. This is required to be submitted along with the required forms necessary to confirm any park reservation.

For more information relating to allowable noise levels and prohibitions, please refer to City Code Section 62-114 and 62-144:

- (a) Prohibitions. It shall be unlawful for any person to: (i) make, continue, or cause to be made or continued any noise disturbance, or any sound which is plainly audible, in violation of any of the specific prohibitions contained in this section; or (ii) otherwise violate any of the specific prohibitions contained in this section.
 - (1) Amplified sound produced by electronic audio equipment, musical instruments, and similar devices. No person shall operate, play, or permit the operation or playing of any radio, stereo, tape player, television, electronic audio equipment, musical instrument, or other sound amplifier in such a manner as to:
 - a. Be plainly audible at a distance of 200 feet or more from the real property boundary of the source of the sound;
 - b. Create across a real property boundary a noise disturbance in a residence, office, store, or other building;
 - c. If the source of the sound is in a building containing more than one residential unit, create a noise disturbance in another residential unit through a floor, ceiling, or wall separating residential units; or
 - d. Violate the maximum sound levels contained in [section 62-144](#).

I HEREBY MAKE APPLICATION TO THE CITY OF GREEN COVE SPRINGS FOR A RESERVATION FOR THE ABOVE REQUESTED PARK. I AGREE TO ALL TERMS AND CONDITIONS LISTED IN THIS PARK RESERVATION APPLICATION AND RENTAL AGREEMENT. I ALSO AGREE TO THE CONDITIONS LISTED IN THE HOLD HARMLESS AND INDEMNIFICATION AGREEMENT.

Do not write below – For the City of Green Cove Springs

Deposit Fee: \$ _____ Date: _____ Check # _____ Cash: _____ Card: _____ Received by: _____

Rental Fee: \$ _____ Date: _____ Check # _____ Cash: _____ Card: _____ Received by: _____

Return of Security Deposit: Date: _____ Check # _____ Cash: _____ Card: _____ Received by: _____

Comments and Conditions: _____

PARK RULES AND REGULATIONS
Spring Park & Vera Francis Hall Park

The following is a summarization of Park Rules and Regulations. Please refer to City Code Section 62 for full details.

1. Vehicles, trailers, caterer’s trailers, etc. are NOT permitted in the Park. Parking at Spring Park is available in the lots between Spring Street and Ferris Street and Walnut Street and Palmer Street. ALL vehicles, trailers, caterer’s trailers or other vehicles must remain on paved right-of-ways. Any damage to the irrigation system or the electrical system will be billed to the applicant. C.C. 62-152
2. No aircraft, glider or parachuting is permitted. C.C. 62-109
3. No person in any park or recreational area shall carry, fire or discharge any rocket, torpedo or other fireworks of any description without a permit from the City Council. C.C. 62-110
4. No alcoholic beverages are allowed in the Park. C.C. 62-138
5. No horseback riding is allowed in the Park. No animals are allowed in the Park except as designated and regulated by the City. C.C. 62-140
6. No riding toys, bicycles, tricycles, wagons, motorcycles, skateboards, in-line skates, rollerblades, scooters (foot or electric) or similar devices are allowed in the Park. C.C. 62-152
7. No fires are allowed unless in a designated area. Cooking, barbequing, grilling or like activities are allowed only in designated areas. No bonfires, campfires, etc. are permitted. Thoroughly douse all coals used in barbeque grills/pits with water and make sure they are completely out before leaving the Park. C.C. 62-141
8. Do not catch, trap, hunt, chase, tease, shoot, or throw objects at any animal, bird, turtle, fish, or any other reptile. The ONLY exception is poisonous snakes. Do not disturb any nests, eggs, young reptiles, or birds. C.C. 62-142
9. No person shall sell, keep or offer for sale any merchandise or disburse any handbills, leaflets, flyers, cards, sheets, pamphlets, etc. in the Park without permission from the City Manager or his/her designee. C.C. 62-112
10. Use of loud speakers or any amplifying equipment must be authorized by the City Manager or his/her designee prior to the event. C.C. 62-144
11. Complaints received about abnormally high noise levels could lead to your event being shut down. C.C. 62-144
12. Do not throw any debris of any kind in the Spring, the Spring Run, Governors Creek or the St. Johns River. Do not wade, swim, dive or fish in the Spring or the Spring Run. C.C. 62-145, 62-146, 62-150
13. Please remove all debris (decorations, eating utensils, food, paper, plastic bags, plastic drink holders/carriers, etc.) before leaving the Park so as not to endanger wildlife in the Park, Governors Creek or the St. Johns River. Dispose of them in a trash receptacle. Trash receptacles and dumpsters are located throughout the Park. C.C. 62-147
14. Do not tape, nail or tack up signs, decorations, photographs, or drawings in the Park. Please use string or plastic ties. C.C. 62-148
15. The park is not a campground. Overnight camping/sleeping is not permitted. C.C. 62-149
16. NO abusive language is permitted in the Park.
17. Glass bottles and containers are prohibited on the pier, in the pool areas, and other locations where posted. C.C. 62-158
18. Written requests for reservations must be submitted to the Office of the City Clerk no less than seven (7) calendar days in advance of the event. Reservations will be granted on a first-come-first-served basis. C.C. 62-161

PLEASE USE CAUTION AROUND THE WATER’S EDGE. POISONOUS SNAKES, ALLIGATORS AND SNAPPING TURTLES ARE KNOWN TO LIVE IN GOVERNORS CREEK, THE ST. JOHNS RIVER AND THE SPRING RUN.

DEFACING THE PARK IS A MISDEMEANOR VIOLATION PUNISHABLE BY A FINE NOT TO EXCEED \$500 OR BY IMPRISONMENT IN THE COUNTY JAIL NOT TO EXCEED SIXTY (60) DAYS OR BOTH.

POOL RULES AND REGULATIONS
Spring Park Pool and Splash Pad

1. No more than 75 pool patrons in the pool at any given time.
2. Lifeguards must be present at all times.
3. Lifeguards must be able to clearly see the bottom of the pool at all times.
4. Due to lightening and/or thunder, pool patrons must vacate the pool and pool deck for thirty (30) minutes. Time will be extended an additional thirty (30) minutes from the last time it is seen or heard.
5. No refunds of pool entrance fees due to pool closing for inclement weather.
6. Rental fees for the City Pool are not refundable. However, you may reschedule as long as the schedule permits.
7. The only flotation devices allowed are noodles, floats no larger than 2 feet by 3 feet, and 24-inch rings. No inflatable ride-on or body size floats are allowed.
8. Food and drinks must be eaten inside the Concession room only. **NO GLASS CONTAINERS OR ALCOHOL. NO EXCEPTIONS!!!**
9. Follow the Lifeguard instructions at all times. They are in place for your personal safety.

**Augusta Savage Arts and Community Center
 Thomas Hogan Memorial Gymnasium
 Rental Agreement
 321 Walnut Street
 Green Cove Springs, FL 32043
 Phone: (904) 297-7500 ext. 3320**



TERMS AND CONDITIONS

THOMAS HOGAN MEMORIAL GYMNASIUM (THMG) RENTAL FEES AND DEPOSIT. The rental fee and deposit amounts are listed below.

- ❖ **Rental Time:** A **MINIMUM** of four (4) hours that includes set-up and clean-up time.
- ❖ **Rental Fee:**

	GCS Residents	Clay County Residents	Outside Clay County
T. Hogan Memorial Gymnasium (without carpet protection for Gym floor)	\$300.00	\$350.00	\$450.00
T. Hogan Memorial Gymnasium (with carpet protection for Gym floor)	\$500.00	\$550.00	\$650.00
- ❖ **Extra hours:** \$75.00 for each additional hour exceeding the four (4) hour minimum.
- ❖ **Security Deposit:** \$150.00 security deposit – refundable upon final inspection of facilities by City Staff (within 15 days of event).

EVENTS. Only one (1) event scheduled in the THMG per day. Use of the THMG includes two (2) restrooms, back storage room (including tables, chairs, mops, brooms, and buckets), and parking lot.

SECURITY DEPOSIT. Deposit shall be paid in full at the time the reservation is made. Reservation is not valid without a deposit. 100% of the deposit will be refunded for cancellations made at least seven (7) days prior to a reserved event. No refunds of the deposit or rental fee will be made for cancellations after that time. Failure to hold an event is the same as a late cancellation. Pending damages and/or extra hours, any return of the deposit will be made within 15 days after the event.

FACILITY CONDITIONS. The Augusta Savage Arts and Community Center is a “Smoke and Alcohol Free” facility. The following activities are prohibited in the facilities or on the grounds:

- ❖ No alcoholic beverages.
- ❖ No smoking.
- ❖ No kitchen facilities are available. **ALL** food must be pre-made.
- ❖ No gambling events.
- ❖ No functions after 12 midnight.

Engaging in any of the prohibited activities will result in immediate termination of the event and forfeiture of deposit and fees.

ADMISSION FEES, SELLING OF FOOD, TAXABLE ITEMS, ETC. AND/OR SOLICITATION OF FUNDS. Admission fees, selling of food, taxable items, etc. and/or solicitation of funds may be permitted providing the organization/renter is properly licensed in accordance with state and local laws and ordinances. C.C. 62-112

CARE OF EQUIPMENT AND FACILITY. Cover all tables with a tablecloth if food or drinks are served. Users will provide tablecloths at their own expense for this purpose. **DO NOT PUT ANYTHING ON WALLS, CEILING OR LIGHTS!!** No decorative or other materials may be physically attached in any way to any part of the facilities.

CLEAN UP AND DAMAGE. Clean the facility and grounds at the end of the event. This includes sweeping all floors; clearing from all tables any disposable contents; and cleaning all spills. Remove all trash and litter from inside facility, parking lot and grounds and place all trash and litter in the outside dumpster. Return all tables, chairs and equipment to their storage locations. Incidental damage to the facilities, parking lot, grounds, equipment may result in the withholding of all or part of deposit. Intentional or excessive damage may require additional monies to be paid to the City of Green Cove Springs to cover the cost of repairs.

EQUIPMENT SET-UP. The renter is responsible for set-up and re-storing of the tables, chairs, and other equipment used for event.

CERTIFICATE OF INSURANCE REQUIREMENTS. See the attached Hold Harmless and Indemnification Agreement.

SUITABILITY OF PREMISES. It is the responsibility of the renter(s) to inspect the premises to ensure that they are adequate for use. The City of Green Cove Springs does not guarantee that all electrical, plumbing or mechanical fixtures, components or devices, will be operational and shall be held harmless from damages or disruptions caused by such failures. The City of Green Cove Springs will do its best to keep such systems operational. If, at any time, you need assistance during your event, please contact the Green Cove Springs Police Department at (904) 297-7300 (after hours or weekends):

RESERVATION CANCELLATION AND FUTURE COMMUNITY CENTER USE. The Rental Agreement is subject to cancellation and future use of the facilities will be denied if any of the above conditions are not met.

DISCLAIMER. Granting permission to rent and use the ASACC facility does not constitute an endorsement by the City of Green Cove Springs for a group or its beliefs and/or practices.

**HOLD HARMLESS AND INDEMNIFICATION AGREEMENT
FOR SPECIAL EVENT
(CITY PARKS)**



This Hold Harmless and Indemnification Agreement, referred to as the "Agreement", is executed in duplicate originals by Henrietta Davis-Francis, ("Indemnitor"), in favor of the City of Green Cove Springs, a Florida municipal corporation, ("City") on this 25th day of February, 2021.

RECITALS

WHEREAS, the City is the owner of Spring Park, the City Pool, Vera Francis Hall Park, and Augusta Savage Arts & Community Center or other City owned property, referred to collectively as "Parks"; and

WHEREAS, the Indemnitor has requested that the City make available:

- Spring Park, 200 Spring Street,
- Pool, 229 Walnut Street,
- Vera Francis Hall Park, 1400 Martin Luther King Jr., Blvd., or
- Augusta Savage Arts & Community Center, Thomas Hogan Memorial Gymnasium, 415 Lemon Street.
- Other described as: _____

; and

WHEREAS, the Indemnitor and its guests, referred to collectively as Invited Parties, are using a portion of the City Parks, described as: Friends of Augusta Savage BHM Community Outreach referred to as the "Designated Area" for the purposes of a Farmshare Food Give Away, referred to as the "Event" to be held on 02/27/2021 [date], and the City has agreed to permit that use of the Designated Area on the condition that the Indemnitor covenants and agrees to the terms and conditions of this Agreement and all other Rules and Regulations attached hereto and by reference made a part hereof.

THEREFORE, in consideration of the City allowing the Indemnitor to conduct the Event in the Designated Area, and for \$ _____ and other good and valuable consideration, the receipt and sufficiency of which are acknowledged by the City, the Indemnitor covenants and agrees as follows:

1. The Indemnitor shall indemnify, defend and hold free and harmless the City, its volunteers, employees, agents, attorneys, insurance carriers, subsidiaries and affiliates, and the tenants, visitors and occupants of City Parks, referred to as the Releasees, and each of their respective guests, agents, servants, employees, officers and directors from and against any and all actions, claims, liabilities, assertions of liabilities, losses, costs and expenses whatsoever, including but not limited to attorney's fees, which in any manner may arise or be alleged to have arisen or resulted or alleged to have resulted from the presence, activities, events and omissions of any nature whatsoever of the Indemnitor, the Invited Parties, their agents, servants, employees, and their respective guests and invitees, and any other attendees of the Event, whether invited or uninvited, on or adjacent to City Parks and surrounding City-owned lands on the above dates in connection with the use and occupancy of the Designated Area for the Event including, without limitation, any claim or claims for bodily injury or death of any persons whatsoever and for any loss or damage whatsoever, for any loss of the means of support and for any loss or damage whatsoever to property.
2. The Indemnitor, on behalf of itself, its employees, agents, the Invited Parties, and any and all parties who utilize the Designated Area for the purposes of the Event, referred to collectively as the Releasors, releases, acquits and forever discharges the City, Releasees, their successors, assigns, agents, attorneys, insurance carriers, affiliates, subsidiaries, agents and employees of and from any and all known and unknown causes of action, damages, liabilities, costs, expenses and claims and demands of whatsoever kind or nature which the Releasors now have or may ever have against the City, Releasees, their successors, assigns, affiliates, subsidiaries, agents and employees on account of any and all known and unknown

present or future injuries, losses and damages sustained or received or which may be sustained by the Releasors or the property of the Releasors occurring on, at or about City Parks and surrounding City-owned lands, parking structures, parking areas, driveways, roads and appurtenant facilities, resulting during the time that the Releasors are occupying or using the Designated Area and surrounding City-owned lands for the purposes of the Event.

3. Notwithstanding that the Indemnitor shall have full responsibility for the conduct and management of the Event in a safe, lawful and non-disruptive manner, the Invited Parties shall obey all requests of the City Manager or his/her designee as to any matter regarding the conduct of the Event, including, without limitation, the number of persons attending and the ending time for the Event.

4. This Agreement contains the entire Agreement between the parties, and the terms of this Agreement are contractual and not a mere recital.

5. The Indemnitor represents to the City that no alcoholic beverages will be sold, provided, or consumed by the Indemnitor or the Invited Parties at the Event without specific authority granted by the City Council.

6. The Indemnitor represents and warrants to the City that it has the full right, power, and authority to execute this Agreement.

7. Notwithstanding any terms of this Agreement to the contrary, nothing contained herein shall be construed or interpreted to waive the City's sovereign immunity or to increase the dollar limit of the City's liability beyond that which is set forth in Section 768.28, Florida Statutes, as amended.

8. The City may cancel this Agreement upon giving the Indemnitor seven (7) days written notice.

The Indemnitor has executed this Agreement on the date first written above.

Indemnitor (Print): Henrietta Francis

City of Green Cove Springs:

By: _____

By: Steve Kennedy
Steve Kennedy, City Manager

Witness:

Attest:

By: _____
Printed Name: _____

By: _____
Kimberly Thomas, Executive Assistant

Approved as to form only:

By: L.J. Arnold, III

L. J. Arnold, III, City Attorney



GREEN COVE SPRINGS POLICE DEPARTMENT
Application for Off-Duty Service



This application is required to engage the off-duty services of police officers for public safety, health and welfare services in addition to those already provided to the public. It is understood that this is a non-binding agreement. A minimum of 10 days notice should be given when requesting services. The Green Cove Springs Police Department may cancel this service without advance notice or cause at any time. The Green Cove Springs Police Department will attempt to place officers during the requested dates and hours. Because of emergencies, inability to find a police officer to work this request, may not be filled when requested. The Green Cove Springs Police Department will not permit an officer to work in the capacity of "bouncer" at a bar or other establishment where liquor is served. There is a three (3) hour minimum for all off-duty employment. A supervisor may or may not be required and will be determined on an individual basis.

Rate per hour: Officer \$30.00
 Supervisor \$35.00

Scheduling fee rate \$30.00 X the corresponding number of hours in the chart below:

<u>hours scheduled</u>	<u>hours paid</u>
1hr – 12 hrs	= 0 hrs
13 hrs -50 hrs	= 3 hrs
51 hrs – 75 hrs	= 5 hrs
76 hrs – 150 hrs	= 10hrs
151 hrs – up	= 15hrs

Business Name: Friends of Augusta Savage Fax Number: _____

Applicant: Henrietta Davis-Francis Phone Number: (904)652-5491

Address of Event: Vera Hall Francis Park

Mailing Address: 1503 Martin Luther King, Jr., Blvd, GCS, Fla 32043

Contact Person At Event: Henrietta Davis-Francis Phone Number: (904) 652-5491

Type of Event: Community Outreach

Will alcohol be served at the event? No Number of expected participants: 300

What are the officer(s) duties: To provide provide police presence to maintain orderly conduct.

Do you require a uniformed officer? Yes How many? 1

Starting Date: 02/27/2021 Ending Date: 02/27/2021

Starting Time: 10:00am Ending Time: 1:00pm

Other Comments: _____

Applicant Signature: _____ Date: 01/25/2021

Official Use Only

Law Enforcement Review: _____

Approval: Yes No By: _____ Date: _____



“Giving Back to our Community with a FarmShare food give away for the elderly and under-served families in our community.”

“Black History Month”

Friends of Augusta Savage host a Farm Share Food Distribution Community Outreach Event

**Vera Francis Hall Park
1400 MLK Blvd., GCS
Saturday, February 27th
10:00 am—1:00 pm**

*****This is a Drive-Thru Only Distribution***
(For the first 300 families)**

**For more information contact:
Henrietta Davis-Francis, President
at 904-662-5491 or
possible_francis@yahoo.com**





STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Session **MEETING DATE:** February 2, 2021

FROM: Scott Schultz, Asst. Water Utilities Director

SUBJECT: City Council approval of, and authorization for the Mayor to execute, Disbursement Request #9 in the amount of \$19,500.00 to the Design Loan Agreement for the Florida Department of Environmental Protection (FDEP), Drinking Water State Revolving Fund (SRF) Loan Application DW 100102 for \$356,800.00, for the design of capital improvements to the City's Water System. This is the final invoice for the Magnolia Point Cul-de-Sac Pressure Improvement portion of the overall project.

BACKGROUND

On June 16, 2016 the City Council approved the Rate Study conducted by Staff and Mittauer & Associates.

On March 21, 2017, Council approved a Task Order with Mittauer & Associates for \$50,000.00 for development of a Water Master Plan.

On June 19, 2018, the City Council approved the Water Master Plan conducted by Staff and Mittauer. The Master Plan included a thorough review of the existing Water Capital Improvement Program (CIP) and resulted in an update to the CIP. As a result of the updated CIP, Staff requested an update to the Water portion of the Rate Study to evaluate financing options and alternatives to CIP financing.

On September 4, 2018, City Council approved a Task Authorization with Mittauer & Associates for \$12,000.00 to update the Water Rate Study.

At the March 5, 2019 City Council meeting Staff and Mittauer presented the updated Water Rate Study which was subsequently approved by the City Council. The City Council directed staff to return with an Ordinance authorizing the borrowing of funds to complete the immediate and future CIP needs. Staff was also directed to draft an RFP to secure a loan for the "Priority 1" immediate need CIP projects.

The Priority 1, Reynolds Water System Improvements, total design and construction estimate is \$1,370,000.00

The Priority 2, Harbor Road, Bonaventure and Magnolia Point Cul-de-sac, total design and construction estimate is \$4,850,000.00.

The Priority 3, Reynolds High Service Pumps & Well 2 design and construction estimate is \$2,500,000.00.

The Priority 4, asbestos concrete (AC) pipe replacement. Design and construction estimate is \$6,620,000.00

The Priority 5, Governors Creek Water Main, design, and construction estimate is \$360,000.00

Design and permitting for Priorities 3-5 cost estimate is \$1,424,000.00

- Total 2019 Water CIP Cost Estimate is \$17,124,000.00

Council approved Ordinance No. O-07-2019 on First Reading as to Form Only on 3/19/19 which authorized staff to borrow up to \$18,000,000.00 for capital improvements to the City's Water System.

Council approved Ordinance No. O-07-2019 on Second and Final Reading on 4/2/19 which authorized staff to borrow up to \$18,000,000.00 for capital improvements to the City's Water System

On 6/18/19 Council approved staff to submit and authorized the mayor to execute a Request for Inclusion (RFI) to the FDEP-SRF Program for \$356,800.00 in funding to design certain capital improvements to the City's Water System to be prepared to move into construction as the needs arise.

On 10/15/2019 Council approved of and authorized the Mayor to execute associated documents for the actual loan application. The FDEP-SRF Program has tentatively approved a 10-year loan with a principal amount of \$356,800.00 with a "loan forgiveness" of 50% which would make the actual loan amount approximately \$178,400.00 (there are some loan fees). Final principal forgiveness and loan percentage rate will be determined at completion of loan processing.

On 1/21/2020 Council approved and the mayor executed the actual loan agreement.

FISCAL IMPACT

\$19,500.00 from the Water Department CIP Budget

RECOMMENDATION

Approve of, and authorize the City Manager to execute, Disbursement Request #9 in the amount of \$19,500.00 to the Design Loan Agreement for the Florida Department of Environmental Protection (FDEP), Drinking Water State Revolving Fund (SRF) Loan Application DW 100102 for \$356,800.00, for the design of capital improvements to the City's Water System. This is the final invoice for the Magnolia Point Cul-de-Sac Pressure Improvement portion of the overall project.

Disbursement Request Package
State Revolving Fund Programs

Item #8.

1. Project Sponsor City of Green Cove Springs, Florida
2. Project Number DW100102
3. Disbursement Request Number 9
4. Invoice Period 11/28/2020 through 1/1/2021
5. Type of Request: Partial Final
6. Federal Employer Identification Number 59-6000328
7. Mail EFT Send Remittance to:

(This must match an address setup in MyFloridaMarketPlace.com as the Vendor address).

Wells Fargo Bank N.A. Account#: 2000007820388 | ABA#: 121000248

Account Name: City of Green Cove Springs Utility Fund Savings

City Address: 321 Walnut Street, Green Cove Springs, FL 32043

Disbursement Details

(Rounded to the nearest dollar)

	Amount This Request	Total Cumulative
1. Planning and Specialized Studies (attach invoices)	\$	\$
2. Design (attach invoices)	\$ 19,500.00	\$ 197,500.00
3. Construction and Demolition (attach pay estimates)	\$	\$
4. Technical Services during Construction (attach invoices)	\$	\$
5. <u>Other (must be specified in agreement)</u>	\$	\$
6. _____	\$	\$
7. Total cumulative to date		\$ 197,500.00
8.. Disbursements previously requested		\$(178,000.00)
9. Amount requested for disbursement	\$ 19,500.00	\$ 19,500.00
	(Total of lines 1 through 6)	(Line 7 minus Line 8)

**** SUBMIT ONE ORIGINAL COPY OF THIS FORM AND SUPPORTING DOCUMENTATION TO: ****

SRF_Reporting@dep.state.fl.us

**Authorized Representative's Certification
of Disbursement Request and Davis-Bacon Certification**

I, B. Van Royal, Mayor ,
(name of Authorized Representative designated in the agreement)

on behalf of City of Green Cove Springs, Florida , do hereby certify that:
(name of Project Sponsor)

1. The disbursement amount requested on page 1 of this form is for allowable costs for the project described in the agreement.
2. Materials, labor, equipment, and/or services representing costs included in the amount requested have been satisfactorily purchased, performed or received, and applied toward completing the project; such costs are documented by invoices or other appropriate documentation which are filed in the Project Sponsor's permanent records.
3. The Project Sponsor is required to pay such costs under the terms and provisions of contracts relating directly to the project, and the Project Sponsor is not in default of any terms or provisions of the contracts.
4. All funds received to date have been applied toward completing the project.
5. All permits and approvals required for the construction which is underway have been obtained.
6. If applicable for construction projects, I certify to the best of my knowledge and belief that the above referenced project complies with Davis-Bacon and Related Acts such that all of the laborers and mechanics employed by contractors and subcontractors during the referenced period on the contractors pay applications submitted with this disbursement request were paid wages at rates not less than those listed on the prevailing wage rate contained in the contract documents and that all applicable provisions of the Davis-Bacon and Related Acts have been met.

I also certify that interviews and periodic reviews of a representative sample of the weekly payroll data have been performed to verify that contractors and subcontractors are paying the appropriate wage rate.

I understand that falsifying information on this certification may be grounds for termination of the SRF loan agreement.

(Signature of Authorized Representative)

Mayor

(Title)

February 2, 2021

(Date)

Period of Certification:
11/28/20 through 1/1/21
DEP Agreement No. DW100102

MITTAUER &
 ASSOCIATES, INC.
 580-1 WELLS ROAD
 ORANGE PARK, FL 32073
 904-278-0030



Invoice 21009

Item #8.

BILL TO

City of Green Cove Springs
 321 Walnut Street
 Green Cove Springs, FL
 32043
 Attn: Mike Null

DATE 01/05/2021	PLEASE PAY \$19,500.00	DUE DATE 01/25/2021
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M&A PROJECT NO.
 8905-55-1

DESCRIPTION	AMOUNT
MAGNOLIA POINT CUL-DE-SAC WATER SERVICE IMPROVEMENTS DEP AGREEMENT NO. DW100102 CITY OF GREEN COVE SPRINGS, FLORIDA P.O. NO. 2721878	

Engineering services concerning the Magnolia Point Cul-de-Sac Water Service Improvements project for the City of Green Cove Springs including completion of design, permitting, and SRF approval during the period ending January 1, 2021.

- LUMP SUM CONTRACT AMOUNT: \$95,500.00
- Item A. Basic Engineering Services - Design Phase, \$47,500
 - Item B. Topographic Surveying, \$22,500
 - Item C. Permitting Services, \$3,000
 - Item D. Geotechnical Services, \$11,500
 - Item E. Subsurface Utility Engineering, \$7,500
 - Item F. SRF Administrative Services \$3,500
 - Item F. Meetings, included above

AMOUNT PREVIOUSLY INVOICED: \$76,000.00

Amount Earned This Period 19,500.00

Thank you for your business.

TOTAL DUE	\$19,500.00
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THANK YOU.

Summary of Work
DEP SRF Water System Improvements - Design Phase
DEP Agreement No. DW100102
City of Green Cove Springs, FL
M&A Project Nos. 8905-51-1, 8905-53-1 & 8905-55-1
February 2, 2021

Summary of work for Green Cove Springs Disbursement Request #9 to accompany Mittauer & Associates Invoice No. 21009, consists of:

Invoice No. 21009 Magnolia Point Cul-de-Sac Water Service Improvements – 100% completion of design, permitting and SRF approval. Overall, the project services are 100% complete.



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Meeting **MEETING DATE:** February 2, 2021
FROM: Scott Schultz, Asst. Water Utilities Director
SUBJECT: City Council approval of funding in the amount of \$32,910.15 to Gresco for underground boring conduit for the Electric Department. *Scott Schultz*

BACKGROUND

Staff solicited quotes for underground boring conduit for various upcoming projects. Gresco provided the lowest qualifying quote. Note that quotes may have different lengths as standard reel sizes vary from manufacturer to manufacturer.

FISCAL IMPACT

\$32,910.15 from the Inventory Account, to be applied to projects as utilized.

RECOMMENDATION

Approve funding the amount of \$32,910.15 to Gresco for underground boring conduit for the Electric Department.

Customer: Green Cove Springs
Attn: Sam Lopez
Phone: (904) 297-7062

Quote Number: CONDUIT 1/14/21
Quote Date: 1/14/2021

Gresco Rep: Ryan Padgett
Email: Ryan.Padgett@gresco.com
Phone: 352-748-9550

QTY.	DESCRIPTION	PRICE	LINE TOTAL	LEAD TIME
3000'	2SDR11-3000R SDR11 2" Orange or Gray Qty- 1 (3000' Reels)	\$ 0.74	\$ 2,220.00	3-4 WEEKS
			\$ 0.00	
2298'	4SDR11-GRAY766R SDR11 4" Orange or Gray Qty- 3 (766' Reels)	\$ 2.68	\$ 6,147.15	3-4 WEEKS
			\$ 0.00	
4050'	6SDR11-450GRAY-F SDR11 6" Orange or Gray Qty- 9 (450' Reels)	\$ 6.06	\$ 24,543.00	3-4 WEEKS
			\$ 0.00	
			\$ 0.00	
			\$ 0.00	
			\$ 0.00	
			\$ 0.00	
Note: All prices quoted are based upon quantities listed above. Any changes to the quantity may be subject to a requote.				
TOTAL		TOTAL	\$ 32,910.15	
9,348				

Quote #1, lowest

Freight: Freight Included
Terms: Net 30 Days
Taxes: Extra, Where Applicable



TRI-STATE UTILITY PRODUCTS, INC.
 160 GARRETT DRIVE
 HAVANA, FLORIDA 32333
 PHONE: 850-539-8088
 FAX: 850-539-8087

Item #9.

QUOTATION NUMBER

2006758-0000-02

GRCOVE

BILL TO: CITY OF GREEN COVE SPRINGS
 321 WALNUT STREET
 GREEN CV SPGS FL 32043

SHIP TO: CITY OF GREEN COVE SPRINGS
 900 W. GUM ST.
 GREEN CV SPGS FL 32043

CUSTOMER P.O. NO. BORE CONDUIT

CUSTOMER P.O. NO. BORE CONDUIT

QUOTATION**QUOTATION*****QUOTATION*****QUOTATION*****QUOTATION***

QUOTATION NUMBER	SLSMN.	QUOTATION DATE	ORDERED BY	CUSTOMER P.O. NUMBER	DATE
2006758-0000-02	212	01/14/21	231	BORE CONDUIT	

INSTRUCTIONS		PAGE NO.
		P 1

QUANTITY			DISP.	ITEM CODE AND DESCRIPTION	U/M	MULT.	UNIT PRICE	AMOUNT
ORDERED	B.O./RET.	SHIPPED						
5400				*6" GRAY SDR11 BORE CONDUIT 12 X 450' (4-5 WEEKS)	EA		6.3340	34203.60
3300				*4" GRAY SDR 11 BORE CONDUIT 6 X 550' (4-5 WEEKS)	EA		2.8130	9282.90
4600				*2" ORANGE SDR 11 BORE CONDUIT 2 X 2300' (4-5 WEEKS)	EA		0.7850	3611.00

Quote #2

Omission of quotation number or reference to an expired quotation will result in application of standard price at time of shipment. Standard terms and conditions of sale to apply. Deviations pertaining to the quantities, prices, or duration of the above quotation are not valid unless confirmed in writing by TRI-STATE UTILITY PRODUCTS, INC.

SUB TOTAL	47,097.50
MISC. CHARGE	
TELE. CHARGE	
FREIGHT TOTAL	
FED./OTHER TAX	0.00
STATE TAX	0.00
PAYMENT REC'D.	0.00

Thank You

TRI-STATE UTILITY PRODUCTS, INC.

ALL PRICES ARE BASED ON	ACCEPTANCE BY	AND ARE FIRM THRU
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TOTAL AMOUNT DUE	47,097.50
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BY _____



Item #9.

1563 JESSIE ST
 JACKSONVILLE FL 32206-6041
 Phone: 904-380-3400
 Fax: 904-356-9199

To: City of Green Cove Springs Warehouse
 900 W Gum St
 GREEN COVE SPRINGS FL 32043
 Attn: Sam Lopez
 Phone: 904-529-2213
 Email:
 Fax: 000-000-2217

Date: 01/14/2021
Project Name:
GB Quote #: 0237035056
 Purchase Order Nbr:
 Release Nbr:
 Additional Ref#:
 Revision Nbr: 2
 Valid From: 01/14/2021
 Valid To: 01/31/2021
 Contact: JAMES ANTRELL
 Email: scott.cantrell@graybar.com

Proposal

We appreciate your request and take pleasure in responding as follows

Notes: * Ship 4-5 weeks ARO * Price firm 1.31.21 * Quote #S011421GC1000

Item	Quantity	Supplier	Catalog Nbr	Description	Price	Unit	Ext.Price
100	5400	FOUR STAR INDUSTRIES	6" SDR 11 G6" SDR 11 GRAY EMPTY DELIVERE		\$6.40	1	\$34,560.00
GB Part#: NOF FS4 FOUR STAR ***Item Note:*** * 12x450'							
200	3300	FOUR STAR INDUSTRIES	4" SDR 11 GRAY EMPTY DELIVERED		\$2.80	1	\$9,240.00
GB Part#: NOF FS4 FOUR STAR ***Item Note:*** * 6x550'							
300	4600	FOUR STAR INDUSTRIES	2" SDR 11 ORANGE EMPTY DELIVERED		\$0.76	1	\$3,496.00
GB Part#: NOF FS4 FOUR STAR ***Item Note:*** * 2x2300'							

Quote # 3

Total in USD (Tax not included): \$47,296.00

This equipment and associated installation charges may be financed for a low monthly payment through Graybar Financial Services (subject to credit approval). For more information call 1-800-241-7408 to speak with a leasing specialist.

This Graybar quote is based on the terms of sale in the EV2370 Master Agreement which can be found by clicking the link found at https://www.omniapartners.com/hubs/PUBLIC%20SECTOR/Supplier%20Information/Graybar/EV2370_Graybar_MAD_2017_12_20.pdf



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Meeting **MEETING DATE:** February 2, 2021
FROM: Scott Schultz, Asst. Water Utilities Director
SUBJECT: City Council approval to surplus aluminum roof from pipe storage building at the Harbor Road WWTF. *Scott Schultz*

BACKGROUND

The pipe storage building at the Harbor Road WWTF is being demolished as part of the new consolidated Advanced WWTF. The roof is in very good shape and has surplus value.

FISCAL IMPACT

Funds received will be returned to the Wastewater Department Budget / Fund

RECOMMENDATION

Approve the surplus of aluminum roof from pipe storage building at the Harbor Road WWTF.



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Meeting **MEETING DATE:** February 2, 2021
FROM: Scott Schultz, Asst. Water Utilities Director
SUBJECT: City Council approval to surplus aluminum carport removed from the Old Police Department. *Scott Schultz*

BACKGROUND

The aluminum carport was removed from the Old Police Department prior to demolition. The plan was to re-utilize the building. After considering several different uses / sites, the building does not fit into current processes.

FISCAL IMPACT

Funds received will be returned to the Police Department Budget.

RECOMMENDATION

Approve the surplus of aluminum carport removed from the Old Police Department.



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Meeting **MEETING DATE:** February 2, 2021
FROM: Scott Schultz, Asst. Water Utilities Director
SUBJECT: City Council approval of Pay Request #5 in the amount of \$112,247.25 to General Underground for Bid Award LC 2020-06, Reynolds Water System Improvements in the amount of \$685,724.00 (Base Bid), and Alternate #1 (water & sewer extension to MOBRO) in the amount of \$314,275.00 for a total amount of \$1,000,449.00.

BACKGROUND

On June 16, 2016 the City Council approved the Rate Study conducted by Staff and Mittauer & Associates.

On March 21, 2017, Council approved a Task Order with Mittauer & Associates for \$50,000.00 for development of a Water Master Plan.

On June 19, 2018, the City Council approved the Water Master Plan conducted by Staff and Mittauer. The Master Plan included a thorough review of the existing Water Capital Improvement Program (CIP) and resulted in an update to the CIP. As a result of the updated CIP, Staff requested an update to the Water portion of the Rate Study to evaluate financing options and alternatives to CIP financing.

On September 4, 2018, City Council approved a Task Authorization with Mittauer & Associates for \$12,000.00 to update the Water Rate Study.

At the March 5, 2019 City Council meeting Staff and Mittauer presented the updated Water Rate Study which was subsequently approved by the City Council. The City Council directed staff to return with an Ordinance authorizing the borrowing of funds to complete the immediate and future CIP needs. Staff was also directed to draft an RFP to secure a loan for the "Priority 1" immediate need CIP projects.

The Priority 1, Reynolds Water System Improvements, total design and construction estimate is \$1,370,000.00

The Priority 2, Harbor Road, Bonaventure and Magnolia Point Cul-de-sac, total design and construction estimate is \$4,850,000.00.

The Priority 3, Reynolds High Service Pumps & Well 2 design and construction estimate is \$2,500,000.00.

The Priority 4, asbestos concrete (AC) pipe replacement. Design and construction estimate is \$6,620,000.00

The Priority 5, Governors Creek Water Main, design, and construction estimate is \$360,000.00

Design and permitting for Priorities 3-5 cost estimate is \$1,424,000.00

Total 2019 Water CIP Cost Estimate is \$17,124,000.00

Council approved Ordinance No. O-07-2019 on First Reading as to Form Only on 3/19/19 which authorized staff to borrow up to \$18,000,000.00 for capital improvements to the City's Water System.

Council approved Ordinance No. O-07-2019 on Second and Final Reading on 4/2/19 which authorized staff to borrow up to \$18,000,000.00 for capital improvements to the City's Water System

On April 2, 2019 staff was directed to draft an RFP to secure a loan for the "Priority 1" immediate CIP projects. The Priority 1, Reynolds Water System Improvements, total design and construction estimate is \$1,370,000 plus costs and fees related to the issuance of the loan.

On April 2, 2019, Council adopted Ordinance No. O-07-2019 authorizing the borrowing of up to \$18,000,000 for capital improvements to the City's water system. Staff was also directed to draft an RFP to secure a loan for the "Priority 1" immediate CIP projects. The Priority 1, Reynolds Water System Improvements, total design and construction estimate is \$1,370,000 plus costs and fees related to the issuance of the loan.

During the May 21, 2019 meeting, Council authorized staff to award the loan for improvements to the City's water distribution system in Reynolds Park to Synovus Bank. Synovus Bank was chosen to finance the Water Utility Revenue Note, Series 2019 with a fixed 2.63% interest rate for 10 years without premium or prepayment penalty. This loan is secured solely by a pledge of the net revenues of the City's Water Utility System. The net revenues pledge for the Water Utility Revenue Note, Series 2019 will be obligated for the ten year term of the loan. The maturity date for this loan is April 1, 2029.

A formal bid was conducted by city staff and Mittauer for the Reynolds Water System Improvements. Included as an alternate was the extension of water & sewer services to MOBRO which came up at the end of the design and was added.

City staff and the engineer of record have reviewed the received bids and certified General Underground as the qualified bidder.

Through value engineering and project optimization the total amount for the Reynolds improvements was \$684,724.00, far below the \$1,350,000.00 estimate. This enabled staff to include financing for the extension of water services to and across the MOBRO property to them water. MOBRO will be contributing approximately \$150,000.00 of the \$314,275.00 cost of the extension for water and sewer services. The system has been sized for future expansion east on State Road 16.

City Council approved Bid Award LC 2020-06, Reynolds Water System Improvements in the amount of \$685,724.00 (Base Bid), and Alternate #1 (water & sewer extension to MOBRO) in the amount of \$314,275.00 for a total amount of \$1,000,449.00 to general Underground on 5/19/2020.

FISCAL IMPACT

\$112,247.25 to the Water Fund CIP Budget

RECOMMENDATION

Approve Pay Request #5 in the amount of \$112,247.25 to General Underground for Bid Award LC 2020-06, Reynolds Water System Improvements in the amount of \$685,724.00 (Base Bid), and Alternate #1 (water & sewer extension to MOBRO) in the amount of \$314,275.00 for a total amount of \$1,000,449.00.



MITTAUER
& ASSOCIATES, INC.
CONSULTING ENGINEERS &
PROJECT FUNDING SPECIALISTS

580-1 WELLS ROAD
ORANGE PARK, FL 32073
PHONE: (904) 278-0030
FAX: (904) 278-0840
WWW.MITTAUER.COM

January 25, 2021

VIA EMAIL

Mr. Scott Schultz, Assistant Water Utilities Director
City of Green Cove Springs
321 Walnut Street
Green Cove Springs, FL 32043

RE: Contractor's Pay Request No. 5
Reynolds Water System Improvements
City Contract No. LC 2020-06
City of Green Cove Springs, Florida
Mittauer & Associates, Inc. Project No. 8905-49-1

Dear Mr. Schultz:

We have reviewed Pay Request No. 5 from General Underground, LLC and find it acceptable. We have, accordingly, indicated our approval and are forwarding an electronic copy to you for approval and payment. This pay request totals \$112,247.25.

Please do not hesitate to call should you have any questions.

Sincerely yours,
Mittauer & Associates, Inc.

Jason R. Shepler, P.E.
Vice President of Environmental Services

JRS/pj
Enclosure
cc: General Underground, LLC

RECEIVED
 JAN 25 2021
 Mittauer & Assoc., Inc.

APPLICATION AND CERTIFICATION FOR PAYMENT

TO OWNER: City of Green Cove Springs LC 2020-06

Reynolds Water System Improvements

FROM CONTRACTOR: General Underground
 PO BOX 870
 Chiefland, FL 32644

VIA ENGINEER: Mittauer & Associates
 580-1 Wells Rd
 Orange Park, FL 32873

AIA DOCUMENT G702

PAGE 1 OF 1

APPLICATION NO: 5

PERIOD TO: 1/22/2021

PROJECT NUMBER: LC 2020-06

Distribution to:	
X	OWNER
X	ENGINEER
X	CONTRACTOR

CONTRACT FOR:

CONTRACT DATE: 5/19/2020

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

1. ORIGINAL CONTRACT SUM	\$ \$	997,499.00
2. Net change by Change Orders	\$ \$	-
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$ \$	997,499.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$ \$	791,239.00
5. RETAINAGE:		
a. 5% of Completed Work (Column D + E on G703)	\$	39,561.95
b. % of Stored Material (Column F on G703)	\$	-
Total Retainage (Lines 5a + 5b or Total in Column I of G703)	\$	39,561.95
6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$	751,677.05
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$	639,429.80
8. CURRENT PAYMENT DUE	\$	112,247.25
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$	245,821.95

CONTRACTOR: General Underground

By: [Signature] Date: 1/22/2021

State of: GA
 Subscribed and sworn to before me this 22 day of JANUARY, 2021.
 Notary Public: SAVANNAH A. BROWN
 My Commission expires: August 14, 2024
 Bonded thru Budget Notary Services



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ 112,247.25

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ENGINEER: [Signature] Date: 1/26/21

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$ -	\$ -
Total approved this Month	\$ -	\$ -
TOTALS	\$ -	\$ -
NET CHANGES by Change Order	\$0.00	

Progress Estimate - Unit Price Work		Contractor's Application				Application Number:		5		
For LC 2020-06		Reynolds Water System Improvements City of Green Cove Springs, Florida				General Underground LLC		Application Date: 1/22/2021		
Application Period:		12/1/2020-1/22/2021								
Bid Item No.	Description	Item Quantity	Contract Information			Estimated Value of Work		Materials Presently Stored (not in C)	Total Completed and Stored to Date	Balance to Finish
			Units	Unit Price	Total Value of Item (\$)	Quantity Installed	Installed to Date			
1	Mobilization (5%)	1	LS	\$ 30,000.00	\$ 30,000.00	1	\$ 30,000.00	1	\$ 30,000.00	\$ -
2	General Conditions (15%)	1	LS	\$ 40,000.00	\$ 40,000.00	0.9	\$ 36,000.00	0.9	\$ 36,000.00	\$ 4,000.00
3	Water Main, Conventionally Installed									
a)	6" PVC Water Main	50	LF	\$ 50.00	\$ 2,500.00	0	\$ -	0	\$ -	\$ 2,500.00
b)	8" PVC Water Main	1,900	LF	\$ 38.00	\$ 72,200.00	1839	\$ 69,882.00	1839	\$ 69,882.00	\$ 2,318.00
c)	10" PVC Water Main	1,700	LF	\$ 45.00	\$ 76,500.00	1755	\$ 78,975.00	1755	\$ 78,975.00	\$ (2,475.00)
d)	12" PVC Water Main	1,000	LF	\$ 60.00	\$ 60,000.00	916	\$ 54,960.00	916	\$ 54,960.00	\$ 5,040.00
4	Water Main, Horizontally Directional Drilled									
a)	12" Fusible PVC	700	LF	\$ 85.00	\$ 59,500.00	720	\$ 61,200.00	720	\$ 61,200.00	\$ (1,700.00)
5	Ductile Iron Fittings-Mortar Lined	13,300	LBS	\$ 1.00	\$ 13,300.00	2134	\$ 2,134.00	2134	\$ 2,134.00	\$ 11,166.00
6	Gate Valve and Box									
a)	6" Gate Valve & Box	1	EA	\$ 1,200.00	\$ 1,200.00	0	\$ -	0	\$ -	\$ 1,200.00
b)	8" Gate Valve & Box	3	EA	\$ 1,350.00	\$ 4,050.00	2	\$ 2,700.00	2	\$ 2,700.00	\$ 1,350.00
c)	10" Gate Valve & Box	2	EA	\$ 2,200.00	\$ 4,400.00	3	\$ 6,600.00	3	\$ 6,600.00	\$ (2,200.00)
d)	12" Gate Valve & Box	2	EA	\$ 3,000.00	\$ 6,000.00	2	\$ 6,000.00	2	\$ 6,000.00	\$ -
7	Connection to Existing Main									
a)	6" x 6" x 6" TEE, MJ w/ 6" Cut-in Sleeve, MJ	1	EA	\$ 2,500.00	\$ 2,500.00	0	\$ -	0	\$ -	\$ 2,500.00
b)	10" x 8" SS Tapping Sleeve & Valve	2	EA	\$ 5,000.00	\$ 10,000.00	1	\$ 5,000.00	1	\$ 5,000.00	\$ 5,000.00
c)	10" x 10" SS Tapping Sleeve & Valve	2	EA	\$ 6,000.00	\$ 12,000.00	1	\$ 6,000.00	1	\$ 6,000.00	\$ 6,000.00
d)	12" x 10" SS Tapping Sleeve & Valve	1	EA	\$ 6,500.00	\$ 6,500.00	0	\$ -	0	\$ -	\$ 6,500.00
e)	12" x 12" SS Tapping Sleeve & Valve	1	EA	\$ 8,000.00	\$ 8,000.00	1	\$ 8,000.00	1	\$ 8,000.00	\$ -
f)	14" x 8" SS Tapping Sleeve & Valve	2	EA	\$ 5,500.00	\$ 11,000.00	2	\$ 11,000.00	2	\$ 11,000.00	\$ -
g)	8" Line Stop & (2) 8" DI Plugs, MJ	3	EA	\$ 6,000.00	\$ 18,000.00	0	\$ -	0	\$ -	\$ 18,000.00
h)	10" Line Stop & (2) 8" DI Plugs, MJ	2	EA	\$ 7,750.00	\$ 15,500.00	0	\$ -	0	\$ -	\$ 15,500.00
i)	12" Line Stop & (2) 8" DI Plugs, MJ	1	EA	\$ 8,000.00	\$ 8,000.00	0	\$ -	0	\$ -	\$ 8,000.00
j(1)	6" Insert-a-Valve w/ 6" DI Plugs, MJ Team Insert-a-Valve	2	EA	\$ 10,000.00	\$ 20,000.00	0	\$ -	0	\$ -	\$ 20,000.00
j(2)	6" Insert-a-Valve w/ 6" DI Plugs, MJ Alternate Insert-a-Valve (Hydra-Stop or Equal)	2	EA	\$ 7,500.00	\$ 15,000.00	0	\$ -	0	\$ -	\$ 15,000.00
8	Remove & Replace Water Services									
a)	2" Water Service w/ Meter & Box (Short)	5	EA	\$ 2,500.00	\$ 12,500.00	8	\$ 20,000.00	8	\$ 20,000.00	\$ (7,500.00)
b)	2" Water Service w/ Meter & Box (Long)	5	EA	\$ 2,750.00	\$ 13,750.00	3	\$ 8,250.00	3	\$ 8,250.00	\$ 5,500.00

9	Temporary Sample Tap	8	EA	\$ 800.00	\$ 6,400.00	8	\$ 6,400.00	8	\$ 6,400.00	\$ -
10	Fire Hydrant Assembly	8	EA	\$ 4,500.00	\$ 36,000.00	8	\$ 36,000.00	8	\$ 36,000.00	\$ -
11	Removal Existing Fire Hydrant Assembly	6	EA	\$ 2,000.00	\$ 12,000.00	0	\$ -	0	\$ -	\$ 12,000.00
12	2" Flushing Hydrant with Plugged Dead End	1	EA	\$ 3,224.00	\$ 3,224.00	0	\$ -	0	\$ -	\$ 3,224.00
13	Removal & Replacement of Unsuitable Soils	500	CY	\$ 10.00	\$ 5,000.00	0	\$ -	0	\$ -	\$ 5,000.00
14	Removal & Replacement of :									
a)	Asphalt Pavement	1500	SY	\$ 30.00	\$ 45,000.00	0	\$ -	0	\$ -	\$ 45,000.00
b)	4" Concrete Sidewalk	50	SY	\$ 50.00	\$ 2,500.00	0	\$ -	0	\$ -	\$ 2,500.00
c)	6" Concrete Driveway	50	SY	\$ 50.00	\$ 2,500.00	0	\$ -	0	\$ -	\$ 2,500.00
d)	Asphalt Drainage Flume	1	LS	\$ 3,500.00	\$ 3,500.00	0	\$ -	0	\$ -	\$ 3,500.00
15	Take Existing Water Main Out of Service									
a)	6" Water Main (grout fill)	850	LF	\$ 12.00	\$ 10,200.00	0	\$ -	0	\$ -	\$ 10,200.00
b)	12" Water Main (grout fill)	250	LF	\$ 40.00	\$ 10,000.00	0	\$ -	0	\$ -	\$ 10,000.00
16	Audiovisual Documentation	1	LS	\$ 7,500.00	\$ 7,500.00	1	\$ 7,500.00	1	\$ 7,500.00	\$ -
17	Grassing / Restoration	1	LS	\$ 17,000.00	\$ 17,000.00	0	\$ -	0	\$ -	\$ 17,000.00
BASE TOTAL				\$ 683,224.00		Installed Quantity	\$ 456,601.00	Total Remaining	\$ 226,623.00	
ADDITIVE ALTERNATE NO.1 UNIT PRICE BASIS FOR TOTAL ALLOWANCE										
17	Grassing / Restoration (Seed / Mulch) (4,700 LF of 20' Wide Utility Easement Limits)	1	LS	\$ 5,000.00	\$ 5,000.00	0	\$ -	0	\$ -	\$ 5,000.00
18	Topographic Route Surveying (20' Wide Utility Easement Limits)	4,700	LF	\$ 3.25	\$ 15,275.00	4700	\$ 15,275.00	4700	\$ 15,275.00	\$ -
19	Clearing & Grubbing	2	AC	\$ 3,000.00	\$ 6,000.00	2	\$ 6,000.00	2	\$ 6,000.00	\$ -
WATER MAIN EXTENSION ALLOWANCE (1900 LF OF 10" WM)										
3c	10" PVC Water Main, Conventional	700	LF	\$ 44.00	\$ 30,800.00	14	\$ 616.00	14	\$ 616.00	\$ 30,184.00
4b	10" Fusible PVC Water Main, HDD	1,200	LF	\$ 44.00	\$ 52,800.00	1817	\$ 79,948.00	1817	\$ 79,948.00	\$ (27,148.00)
5	Ductile Iron Fittings-Mortar Lined	2,500	LBS	\$ 1.00	\$ 2,500.00	581	\$ 581.00	581	\$ 581.00	\$ 1,919.00
6c	10" Gate Valve & Box	4	EA	\$ 2,500.00	\$ 10,000.00	3	\$ 7,500.00	3	\$ 7,500.00	\$ 2,500.00
9	Temporary Sample Tap	2	EA	\$ 750.00	\$ 1,500.00	2	\$ 1,500.00	2	\$ 1,500.00	\$ -
10	Fire Hydrant Assembly	2	EA	\$ 5,000.00	\$ 10,000.00	2	\$ 10,000.00	2	\$ 10,000.00	\$ -
FORCEMAIN EXTENSION ALLOWANCE (4700 LF OF 6" FM)										
3e	6" PVC Force Main, Conventional	2,700	LF	\$ 33.00	\$ 89,100.00	35	\$ 1,155.00	35	\$ 1,155.00	\$ 87,945.00
4c	6" Fusible PVC Force Main, HDD	2,000	LF	\$ 33.00	\$ 66,000.00	4620	\$ 152,460.00	4620	\$ 152,460.00	\$ (86,460.00)
5	Ductile Iron Fittings-Epoxy Lined	2,500	LBS	\$ 1.00	\$ 2,500.00	503	\$ 503.00	503	\$ 503.00	\$ 1,997.00
6a	6" Gate Valve & Box	4	EA	\$ 1,200.00	\$ 4,800.00	3	\$ 3,600.00	3	\$ 3,600.00	\$ 1,200.00
7k	Connect to Existing 12" FM 12" x 6" Cut-in TEE, MJ with 12" Cut-in Sleeve	1	LS	\$ 3,000.00	\$ 3,000.00	1	\$ 3,000.00	1	\$ 3,000.00	\$ -
20	Air Release Valve and Box	2	EA	\$ 7,500.00	\$ 15,000.00	7	\$ 52,500.00	7	\$ 52,500.00	\$ (37,500.00)
Additive Alt 1 Total				\$ 314,275.00		Installed Quantity ALT 1	\$ 334,638.00	Total Remaining ALT 1	\$ (20,363.00)	
GRAND TOTAL				\$ 997,499.00		Total Installed QTY	\$ 791,239.00	Total Remaining Qty	\$ 206,260.00	



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council **MEETING DATE:** February 2, 2021
FROM: Michael Daniels, AICP, Planning & Zoning Director
SUBJECT: Review of Revised Site Development Plan for Harbor Road Wastewater Treatment Facility

PROPERTY DESCRIPTION

APPLICANT: Scott Shultz, City of GCS **OWNER:** City of Green Cove Springs

PROPERTY LOCATION: 1277 / 1289 Harbor Rd

PARCEL NUMBER: 015719-000-00

FILE NUMBER: 202001054

CURRENT ZONING: INS – Institutional

FUTURE LAND USE DESIGNATION: INS – Institutional

SURROUNDING LAND USE

NORTH: Clay County Property - Enterprise Way Industrial Park **SOUTH:** Single Family Residential - Gator Bay Subdivision

EAST: Commercial - Railroad Tracks and Magnolia Layne Shopping Center **WEST:** Single Family Residential - Magnolia Point Subdivision

BACKGROUND

DEVELOPMENT DESCRIPTION:

The existing site houses the Harbor Road Wastewater Facility, Water Treatment Facility and Electric Facility. The site has a heavily vegetated berm along northeastern portion of the property adjacent to Harbor Road. In addition, there is also a vegetative buffer on the south edge of the property abutting the Gator Bay Subdivision. In August 2018, City Council approved a phased master plan for the Harbor Road Wastewater Treatment Facility. The City Council Staff Report and the Phased Site Plan for the site are attached. A request to revise the approved site plan was submitted in October/November 2020. The following revisions are proposed

- The vegetative buffer and berm on the southern edge of the property have been revised. The original plan showed a 16-foot wide berm with a 4-foot slope and to maintain the existing fencing, which is predominantly 8' chain link. The revised plan replaces the berm with an eco-stone privacy fence as shown in the attachments. The eco-stone privacy fence shall be 8 feet in height. The privacy fence will provide a clear delineation between the city's property and neighboring properties, and it will allow for more area for treatment of stormwater within the facility. The buffer will also be heavily vegetated with canopy trees exceeding the buffer requirement of one tree per 50 lineal feet.

- The Line Crew Building and offices have been revised from the approved plan to be expanded and moved closer to Harbor Road impacting the berm and tree canopy. As a result, additional landscaping, totaling 26 shade trees have been installed in the buffer area between Harbor Road and the Line Crew building.
- The total impervious area has been increased to an additional 26,627 square feet to accommodate additional pavement.

PROPOSED PLAN

The plan includes the following improvements:

- A total of 67,250 square feet of impervious area has been added to the site but offset by demolished impervious for a net addition of 26,627 SF
- A 6,460 square foot Line Crew building with a 1,500 square foot office
- A 2,160 square foot Operations Building
- Clarifier #1 and #2
- Oxidation Ditch
- A Chemical Feed and storage facility
- A Chlorine Contact Chamber

Parking

The plan shows 15 parking spaces plus 2 handicapped parking spaces. Per code they are required to have 1 space per 5,000 square feet of storage area and 1 space per 250 square feet of office area.

Drainage Retention

The Florida Department of Environmental Protection is the reviewing agency for stormwater retention due to the fact that the project is a Wastewater Treatment Facility. Six additional stormwater retention ponds have been added to the plan to address stormwater runoff.

Traffic and Access

Access will be provided off Harbor Road. There will be minimal traffic to this location.

Landscape, Buffer and Lighting Plan

The City is required to plant an additional 267 inches of trees to be replaced as shown on the site plan. The City is providing an additional 330” (55 shade trees at 6” caliper). A landscape buffer consisting of existing and planted trees as well as a berm are provided along Harbor Road. An 8’ Eco Stone Privacy Fence and landscape buffer is provided along the southern boundary adjacent to the Gator Road Subdivision.

Planning and Zoning Commission

The Commission unanimously approved the Site Development Plan on a 4-0 vote.

STAFF RECOMMENDATION

Staff recommends approval of 202001054, to approve the revised Site Development Plan for improvements to the Wastewater Treatment Plant at 1277/1289 Harbor Road.

MOTION: To approve case #: 202001054, the revised site development plan for improvements to the Wastewater Treatment Plant at 1277/1289 Harbor Road.

DEP SRF HARBOR ROAD WRF EXPANSION PHASE 2

FOR CITY OF GREEN COVE SPRINGS, FLORIDA

M & A Project No. 8905-56-1

D R A W I N G I N D E X

SHEET No.	SHEET TITLE	SHEET No.	SHEET TITLE
G1	COVER SHEET	D16.1	LINE CREW BUILDING - FLOOR PLAN
G2	GENERAL NOTES, LEGEND & ABBREVIATIONS	D16.2	LINE CREW BUILDING - ELEVATIONS
C1.1	EXISTING CONDITIONS & DEMOLITION PLAN	D16.3	LINE CREW BUILDING - ELEVATIONS & SCHEDULE
C1.2	SITE MASTER PLAN & LANDSCAPE PLAN	D16.4	LINE CREW BUILDING - FOUNDATION PLAN & DETAILS
C1.3	SITE PLAN - HORIZONTAL CONTROL	D16.5	LINE CREW BUILDING - WALL SECTIONS
C1.4	GRADING & DRAINAGE PLAN	D16.6	LINE CREW BUILDING - WALL SECTIONS & DETAILS
C1.5	YARD PIPING PLAN	D16.7	LINE CREW BUILDING - FOUNDATION DETAILS
C1.6	ENLARGED DEMO & YARD PIPING PLAN	D16.8	LINE CREW BUILDING - REFLECTED CEILING, FLOOR FINISH PLANS & DETAILS
C2.1	SITE DETAILS	D16.9	LINE CREW BUILDING - PLUMBING PLAN, NOTES, DETAILS & SCHEDULE
C2.2	SITE DETAILS	D16.10	LINE CREW BUILDING - HVAC/MECHANICAL PLAN
C2.3	GRADING & DRAINAGE DETAILS	D16.11	LINE CREW BUILDING - ELECTRICAL PLAN & SCHEDULES
C2.4	CANTILEVER GATE & FENCING DETAILS	D16.12	LINE CREW BUILDING - LIFE SAFETY & FRAMING PLAN
C2.5	SAND DRYING BED FACILITY & DETAILS	E1	ELECTRICAL - LEGENDS, INDEX, LUMINAIRE SCHEDULE & ABBREVIATIONS
D1	PROCESS FLOW SCHEMATIC - HYDRAULIC PROFILE	E2	ELECTRICAL - POWER CONDUIT AND CABLE SCHEDULE
D2.1	INFLUENT STRUCTURE - UPPER & LOWER MECHANICAL PLAN	E3A	ELECTRICAL - PANEL SCHEDULES
D2.2	INFLUENT STRUCTURE - MECHANICAL SECTIONS	E3B	ELECTRICAL - PANEL SCHEDULES & LOAD CALCULATIONS
D2.3	INFLUENT STRUCTURE - MECHANICAL SECTIONS	E4B	ELECTRICAL - 480V ONE-LINE DIAGRAM
D2.4	INFLUENT STRUCTURE - MECHANICAL SECTIONS	E5	ELECTRICAL - ELECTRICAL ELEVATIONS
D2.5	INFLUENT STRUCTURE - STRUCTURAL PLANS	E6	ELECTRICAL - ELECTRICAL SITE PLAN - EXISTING CONDITIONS
D2.6	INFLUENT STRUCTURE - UPPER STRUCTURAL PLAN & DETAILS	E7.2	ELECTRICAL - ELECTRICAL SITE PLAN - PHASE 2
D2.7	INFLUENT STRUCTURE - STRUCTURAL SECTIONS	E8.1	ELECTRICAL - ELECTRICAL DETAILS
D2.8	INFLUENT STRUCTURE - ELEVATIONS	E8.2	ELECTRICAL - ELECTRICAL DETAILS
D2.9	INFLUENT STRUCTURE - STAIRS	EC1.1	ELECTRICAL - CONTROL CABLE SCHEDULE - SHEET 1
D3.1	OXIDATION DITCH - PLAN & ELEVATION	EC1.2	ELECTRICAL - CONTROL CABLE SCHEDULE - SHEET 2
D3.2	OXIDATION DITCH - MECHANICAL DETAILS	EC1.3	ELECTRICAL - CONTROL CABLE SCHEDULE - SHEET 3
D3.3	OXIDATION DITCH - ELEVATION & DETAILS	EC2	ELECTRICAL - PROCESS SCHEMATIC
D3.4	OXIDATION DITCH - STRUCTURAL SECTIONS & DETAILS	EC3	ELECTRICAL - FIBER SCHEMATIC
D3.5	OXIDATION DITCH - STRUCTURAL SECTIONS & DETAILS	EC5	ELECTRICAL - TYPICAL RTU EXAMPLE
D3.6	OXIDATION DITCH - STRUCTURAL SECTIONS & DETAILS	EC6.0	ELECTRICAL - RTU 90
D3.7	OXIDATION DITCH - STAIRS	EC6.1	ELECTRICAL - RTU 90 CONTINUED
D4.1	CLARIFIER FLOW SPLITTER - PLAN	EC7.0	ELECTRICAL - RTU 95
D4.2	CLARIFIER FLOW SPLITTER - SECTIONS & DETAILS	EC7.1	ELECTRICAL - RTU 95 CONTINUED
D4.3	CLARIFIER FLOW SPLITTER - STRUCTURAL PLANS & SECTIONS	EC8	ELECTRICAL - MCC SECTIONS, INSTRUMENT & SERVER RACKS
D4.4	CLARIFIER FLOW SPLITTER - STRUCTURAL SECTIONS & ELEVATIONS	ED2.1	ELECTRICAL - INFLUENT STRUCTURE
D4.5	CLARIFIER FLOW SPLITTER - STAIRS	ED3.1	ELECTRICAL - OXIDATION DITCH
D5.1	CLARIFIERS - MECHANICAL PLAN	ED4.1	ELECTRICAL - CLARIFIER FLOW SPLITTER
D5.2	CLARIFIERS - MECHANICAL PLAN & SECTION	ED5.1	ELECTRICAL - CLARIFIERS NO. 1 & 2
D5.3	CLARIFIERS - SECTIONS & DETAILS	ED6.1	ELECTRICAL - RAS/WAS PUMPS
D5.4	CLARIFIERS - SECTIONS & DETAILS	ED7.1	ELECTRICAL - FILTERS PLAN
D5.5	CLARIFIERS - STAIRS & WALKWAY	ED8.1	ELECTRICAL - CHLORINE CONTACT CHAMBER PLAN
D6.1	RAS/WAS PUMP STATION - PLAN & SECTION	ED11.1	ELECTRICAL - CHEMICAL FEED & STORAGE FACILITIES
D6.2	RAS/WAS PUMP STATION - BUILDING	ED12.1	ELECTRICAL - IN-PLANT PUMP STATION
D7.1	FILTERS - PLAN	ED13.2	ELECTRICAL - AEROBIC DIGESTER NO. 1 & NO. 2
D7.2	FILTERS - SECTIONS & DETAILS	ED13.3	ELECTRICAL - AEROBIC DIGESTER NO. 3 & NO. 4
D7.3	FILTERS - STRUCTURAL PLAN	ED14.1	ELECTRICAL - OPERATIONS BUILDING - LIGHTING
D7.4	FILTERS - STRUCTURAL SECTIONS	ED14.2	ELECTRICAL - OPERATIONS BUILDING - POWER
D8.1	CHLORINE CONTACT CHAMBER - PLAN	ED16.1	ELECTRICAL - ENLARGED ELECTRICAL BUILDING
D8.2	CHLORINE CONTACT CHAMBER - SECTIONS	ES1	ELECTRICAL - SITE SECURITY PLAN
D8.3	CHLORINE CONTACT CHAMBER - SECTIONS & DETAILS	ES2	ELECTRICAL - SECURITY DETAILS
D9.1	RECLAIMED WATER STORAGE TANK - PLAN	ES3	ELECTRICAL - SECURITY DETAILS
D9.2	RECLAIMED WATER STORAGE TANK - SECTIONS	ES4	ELECTRICAL - SECURITY DETAILS
D11.1	CHEMICAL FEED & STORAGE FACILITIES - PLAN	L1.3	LANDSCAPE PLAN
D11.2	CHEMICAL FEED & STORAGE FACILITIES - ELEVATIONS	L2.3	LANDSCAPE DETAILS
D11.3	CHEMICAL FEED & STORAGE FACILITIES - FOUNDATION PLAN & ROOF FRAMING PLAN		
D11.4	CHEMICAL FEED & STORAGE FACILITIES - SECTIONS & DETAILS		
D11.5	CHEMICAL FEED & STORAGE FACILITIES - SECTIONS & DETAILS		
D12.1	IN-PLANT PUMP STATION - PLAN & SECTION		
D12.2	IN-PLANT PUMP STATION - TYPICAL DETAILS		
D13.1	AEROBIC DIGESTER No. 1 & 2 - DEMOLITION		
D13.2	AEROBIC DIGESTER No. 1 & 2 - MODIFICATIONS		
D13.3	AEROBIC DIGESTER No. 3 & 4 - MODIFICATIONS		
D13.4	AEROBIC DIGESTERS - SECTIONS & DETAILS		
D14.1	OPERATIONS BUILDING - FLOOR PLAN		
D14.2	OPERATIONS BUILDING - ELEVATIONS		
D14.3	OPERATIONS BUILDING - LIFE SAFETY, FOUNDATION & ROOF PLANS		
D14.4	OPERATIONS BUILDING - SECTIONS & DETAILS		
D14.5	OPERATIONS BUILDING - STRUCTURAL DETAILS		
D14.6	OPERATIONS BUILDING - REFLECTED CEILING, FLOOR FINISH PLANS & DETAILS		
D14.7	OPERATIONS BUILDING - PLUMBING PLAN, NOTES, DETAILS & SCHEDULE		
D14.8	OPERATIONS BUILDING - HVAC/MECHANICAL PLAN		
D15.1	MISCELLANEOUS DETAILS - YARD PIPING DETAILS		
D15.2	MISCELLANEOUS DETAILS - MECHANICAL DETAILS		
D15.3	MISCELLANEOUS DETAILS - STRUCTURAL DETAILS		
D15.4	MISCELLANEOUS DETAILS - STRUCTURAL DETAILS		
D15.5	HANDRAIL & PORTABLE HOIST DETAILS		



VAN ROYAL
MAYOR

EDWARD GAW
VICE MAYOR

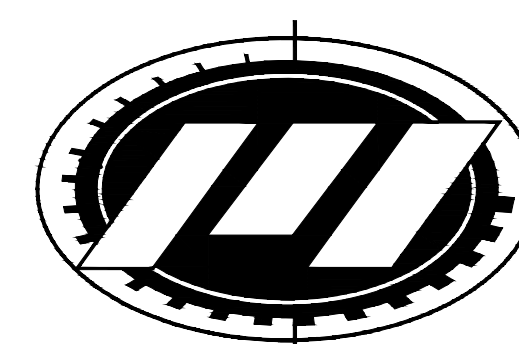
CONNIE BUTLER
COUNCIL MEMBER

MATT JOHNSON
COUNCIL MEMBER

STEVEN KELLEY
COUNCIL MEMBER

STEVEN KENNEDY
CITY MANAGER

MIKE NULL
PUBLIC WORKS DIRECTOR

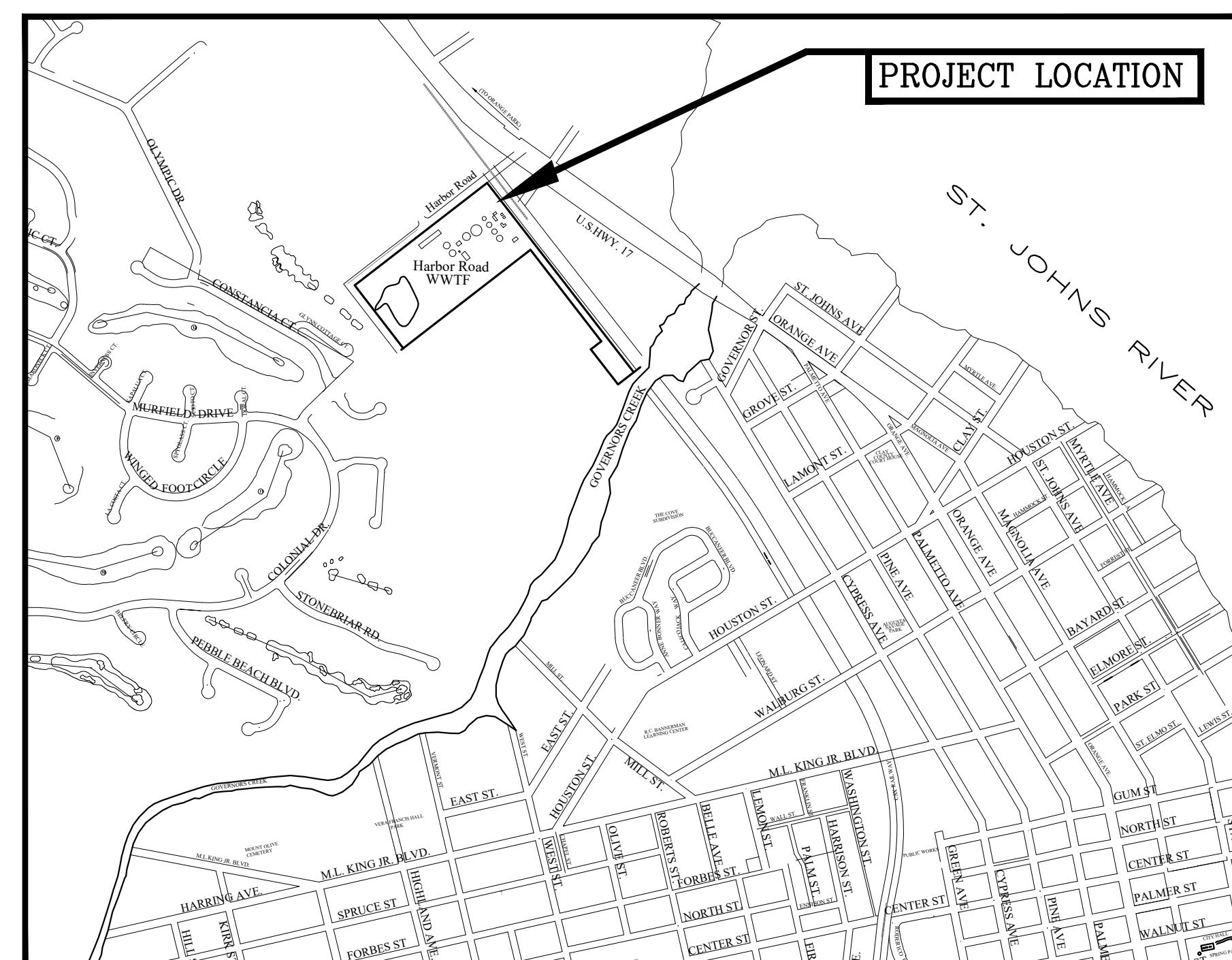
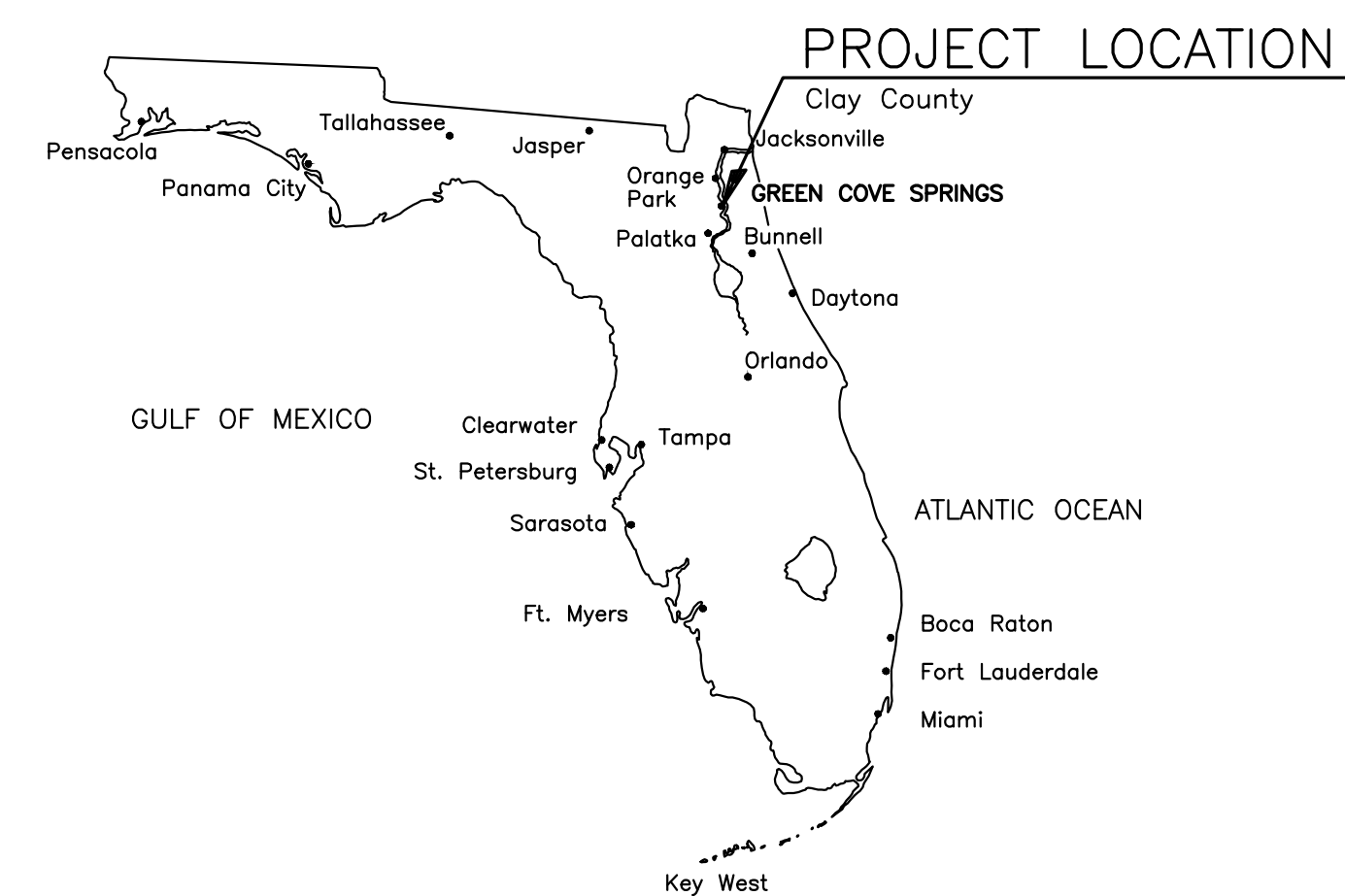


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CITY SITE PLAN SUBMITTAL

12/14/20



VICINITY MAP

GENERAL NOTES

A. GENERAL CONSTRUCTION NOTES

- Existing underground utilities have been shown from the best available information. Contractor shall field determine the location, size, and depth of all existing utilities. Contractor shall provide complete piping system including all fittings necessary to interconnect piping systems and to avoid conflicts with existing and proposed pipes/structures.
- It shall be the sole responsibility of the Contractor to locate and avoid all utilities, structures and obstructions both above and below the ground surface. All damages resulting from the Contractor's failure to comply with this requirement shall be repaired at the Contractor's expense.
- Contractor is responsible for supporting/protecting all existing improvements (i.e., utilities, utility poles, structures, pavement, sidewalks, monitoring wells, foundations, etc.) which may be damaged/undermined as a result of his operations. Contractor may be required to shore, sheet, brace, or support work to protect existing improvements. All costs associated with supporting/protecting existing improvements shall be borne by the Contractor.
- All existing facilities (e.g., pipes, roadways, sidewalks, landscaping, structures, etc.) not indicated to be disturbed/restored which are disturbed/damaged as a result of Contractor's operations shall be restored to a condition equal to or better than that which existed prior to construction, at Contractor's expense.
- Horizontal and vertical controls are subject to adjustments in the field if necessary to avoid utility conflicts upon approval of the Engineer or his representative. Contractor shall not adjust location of pipe or other facilities (either vertically or horizontally) without approval of Engineer or his representative.
- Contractor shall provide constant slope between indicated pipe invert elevations unless otherwise directed by Engineer.
- All pipe shall be properly restrained using mechanical type joint restrainers (see specifications). No thrust blocking will be allowed unless specifically indicated on drawings or directed by Engineer. All exposed piping 3" in diameter and smaller shall be properly wrapped with foam insulation to prevent freezing.
- All pipe shall have the following minimum cover unless otherwise directed by Engineer:

Pipe Type	Minimum Cover
PVC (< 3-inch)	30-inches
PVC (> 3-inch)	36-inches
DIP (All Sizes)	30-inches
Steel (All Sizes)	30-inches
- All aboveground piping shall be properly supported and/or secured to tanks, buildings, or other structures using S.S. straps and fasteners.
- Contractor shall be responsible for maintaining service to the existing treatment plant facilities. He shall perform all bypass pumping necessary to keep the plant operating properly during construction. He shall coordinate all diversions of flow, draining of tanks, demolition of existing facilities, etc. closely with Owner to avoid potential treatment violations and operating problems. Contractor may be required to perform some work during low demand hours (e.g. 12:00 a.m. to 5:00 a.m.). All arrangements for bypass pumping, diversion of flow, draining of tanks, demolition, etc. shall be subject to approval of Owner and Engineer. All costs associated with bypass pumping and other temporary facilities shall be borne by the Contractor.
- Contractor shall provide all fill required to achieve proposed grades at his expense.
- During any construction activity, including stabilization and revegetation of disturbed surfaces, the Contractor is responsible for the design, selection, permitting, implementation, and operation of all temporary construction phase erosion and sediment control measures required to retain on-site sediment and prevent violations of the State of Florida water quality standards. The Contractor shall use appropriate best management practices described in the *State of Florida Erosion and Sediment Control Designer and Reviewer Manual, June 2007, with revisions*. All turbidity/silt barriers must be in place downgradient from the construction zone prior to the start of any construction activity in general accordance with the plans and details provided in these documents. The barriers shall remain in place until all the disturbed areas have been properly stabilized.
- All grassed areas disturbed by construction shall be resodded unless otherwise directed by Engineer or his representative.
- The Contractor shall employ a land surveyor, registered in the State of Florida to reference and restore property corners and land markers which may be disturbed as a result of Contractor's operations.
- The Contractor shall be responsible for laying out the work and for establishing project temporary bench marks; elevation lines and grades; and right-of-way and property boundary limits for construction.
- Owner has the option of claiming any equipment/materials identified for removal by the Contractor. Contractor shall deliver any removed equipment/materials claimed by Owner to an onsite location as directed by Owner. Any equipment/materials identified for removal which are not claimed by the Owner shall become the property of the Contractor and shall be disposed of by the Contractor at his expense.
- Project Benchmark: See Sheet No. C1.1 for location and description of Benchmark.

B. GENERAL STRUCTURAL NOTES

- All construction shall be in accordance with the local Building & Zoning Department requirements and the 2017 Florida Building Code with all Revisions. All design shall be in accordance with the 2017 Florida Building Code with all Revisions, ACI318, ACI350 and ASCE 7-16.

Live Loads (minimum):
 Roofs & Canopies - 20 psf
 Storage Spaces - 150 psf
 Stairs & Walkways - 100 psf

Dead Loads: Actual Material Weights
 Aux. Load = 0 psf
 Collateral Load = 5 psf

Geotechnical:
 Design Load Bearing Value of Soil - 2,000 psf

Flood Zone: X; Map No. 12019C0170E

Windload Design Criteria
 Items per Florida Building Code Section 1603.1.4:
 Basic Wind Speed: (Vult) = 135 MPH
 (Vasd) = 105 MPH
 Building Risk Category: III
 Wind Exposure Category: C
 Mean Roof Height: N/A
 Roof Slope: N/A
 Internal Pressure Coefficients: +/- 0.00 (Open Tanks)
 +/- 0.18 (Electrical Bldg., Operations, Line Crew Bldg.)
 +/- 0.56 (Chemical Feed Bldg.)

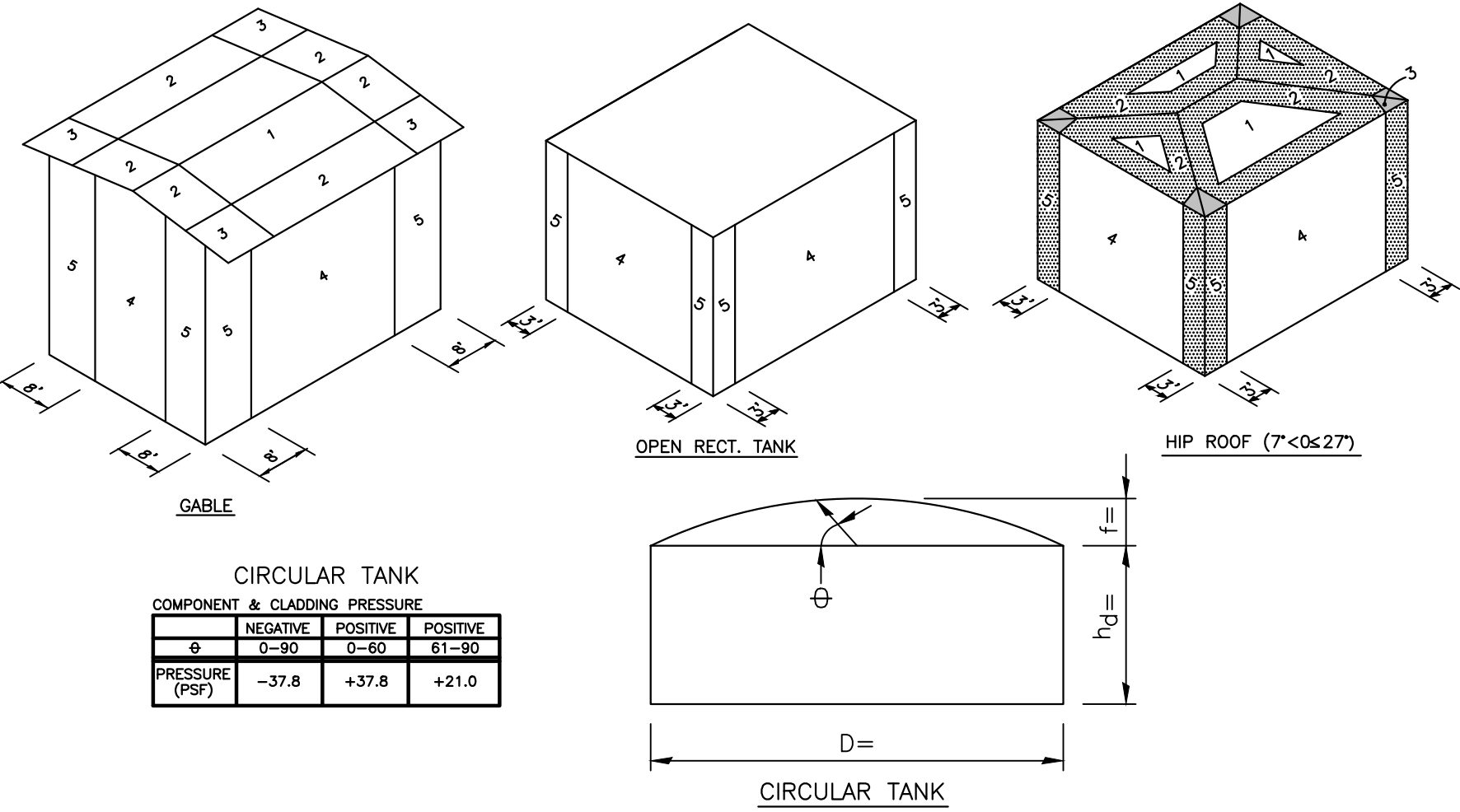
B. GENERAL STRUCTURAL NOTES (continued)

COMPONENT & CLADDING PRESSURE

GABLE ROOF			
ZONE	EFFECTIVE AREA (SF)	POSITIVE	NEGATIVE
1	10	26.20	-41.50
2	20	25.68	-44.49
	50	25.15	-45.58
	100	24.63	-42.68
3	10	26.20	-76.20
	50	25.15	-73.53
	100	24.63	-70.10
4	10	45.40	-114.60
	20	25.68	-110.59
	50	25.15	-108.43
	100	24.63	-100.85
5	10	41.50	-76.20
	20	39.22	-74.49
	50	36.52	-62.87
	100	34.24	-58.29
	500	29.05	-45.72

OPEN RECT. TANK			
ZONE	EFFECTIVE AREA (SF)	POSITIVE	NEGATIVE
1	10	N/A	-42.4
	20	N/A	-49.0
	50	N/A	-46.2
	100	N/A	-43.3
2	10	N/A	-82.3
	20	N/A	-87.7
	50	N/A	-72.5
	100	N/A	-67.9
3	10	35.8	-35.8
	20	34.6	-34.6
	50	33.0	-33.0
	100	31.6	-31.6
4	10	42.90	-42.90
	20	39.95	-45.26
	50	37.46	-43.30
	100	35.8	-35.8
5	10	35.8	-65.7
	20	33.2	-68.0
	50	29.6	-54.3
	100	27.4	-50.3
	500	21.5	-39.5

HIP ROOF			
ZONE	EFFECTIVE AREA (SF)	POSITIVE	NEGATIVE
1	10	26.20	-41.50
	20	25.68	-46.87
	50	25.15	-39.84
	100	24.63	-39.01
2	10	26.20	-76.20
	20	25.68	-73.53
	50	25.15	-70.10
	100	24.63	-67.06
3	10	45.40	-114.60
	20	25.68	-110.59
	50	25.15	-108.43
	100	24.63	-94.07
4	10	45.40	-114.60
	20	25.68	-103.16
	50	25.15	-98.35
	100	24.63	-87.00
5	10	41.50	-76.20
	20	39.22	-74.49
	50	36.52	-62.87
	100	34.24	-58.29
	500	29.05	-45.72



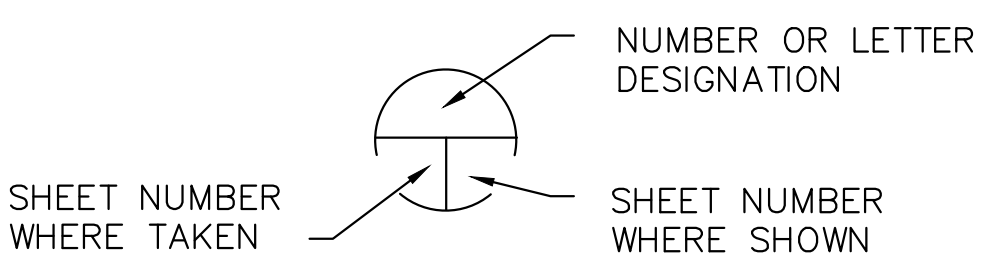
- All structural concrete shall have a min. compressive strength of 4,000 psi after 28 days unless otherwise noted.
- All reinforcing steel shall conform to ASTM A615 Grade 60, except bars to be welded shall conform to ASTM A706.
- For size and location of embedded items and openings, the Contractor must refer to mechanical, structural, piping and vendors drawings.
- Equipment anchor bolts and rods shall be set from templates made to fit holes in equipment according to approved manufacturers shop drawings.
- Contractor shall verify all dimensions and existing conditions at the site before proceeding with construction.
- Unless otherwise shown on drawings, min. cover for reinforcing steel shall be as follows:
 Concrete Cast Against Earth - 3"
 Slabs on Grade - Centered
 All Other - 2"
 Note: 6 mil polyethylene membrane required under all building base slabs.
- All reinforcing shall be fabricated and held securely in position with standard accessories in accordance with ACI 315 "Details and Detailing Concrete Reinforcement", latest edition.
- Splices in reinforcing, where permitted, shall be as noted, or as follows:
 9.1. Welded Wire Fabric - Two Mesh or 12" (min.)
 9.2. Temperature Reinforcing - 44 bar diameters but not less than 12"
 9.3. All Other Bars - Class "B" lap.
 9.3.1. For Top Bars (12" or more concrete below steel) multiply table lengths by 1.3
 9.3.2. For lightweight concrete multiply table lengths by 1.3.

Class B Lap Length in Inches (fy=60ksi)			
Bar Size	fc = 3,000 psi	fc = 4,000 psi	fc = 5,000 psi
#3	22	19	17
#4	29	25	23
#5	36	31	28
#7	43	38	34
#8	63	54	49
#9	72	62	56
#10	81	70	63

- Splices in top reinforcing shall be made at midspan, bottom reinforcing at support, or as noted on drawings.
- Provide 3/4" chamfer on all exposed edges of concrete.
- Provide 1/2" premolded expansion joint material where slab on grade is cast around columns or against walls.
- All masonry shall utilize standard precast masonry units and be laid true and plumb.
- All concrete lintels shall be reinforced with 2-#5 bars top and bottom as a minimum and have a masonry end bearing each end of 2" per foot of span with a minimum of 8."
- Compaction: unless otherwise noted, the required percentage of maximum compaction shall be as follows: (per modified proctor max. Dry density)
 Under Structures and Slabs - 95%
 Under Paved Areas (subgrade) - 98%
 Under Paved Areas (below 12") - 95%
 Landscaped Areas and Other - 90%
 Adjacent to Walls and Above Footing - 92%
 The more stringent requirement shall govern between any conflict of these compaction requirements & those listed within the specifications.
- Coating: Apply asphalt point coating between different metals and for aluminum set against concrete.
- The design of all structural concrete for tanks conforms to ACI 350: Code Requirements for Environmental Engineering Structures.
- Location of construction joints, proposed by the Contractor, shall be submitted to the Engineer for approval prior to initiating any construction or fabrication which could be affected by the location. All construction joints below either the plant liquid or ground level shall incorporate a properly designed and fabricated PVC waterstop.
- All structural anchoring systems shall be hot-dipped galvanized or S.S. as noted or specified.

LEGEND

PROPOSED	EXISTING	DESCRIPTION
8"S	8"SAN	SANITARY SEWER
8"FM	4"FM	SANITARY FORCE MAIN
CO	MH	SANITARY MANHOLE
8"W	6"W	CLEANOUT
		WATER MAIN
		VALVE
		FIRE HYDRANT
		WATER SERVICE (SIZE VARIES)
		TELEPHONE PEDESTAL
		MAIL BOX
18"SD	18"RCF	STORM DRAIN PIPE
		STORM DRAIN INLET/MES
84.0	84	GRADE CONTOURS
63.00	63.0	SPOT ELEVATIONS
PP		POWER POLE/ W/ANCHOR
		WIRING PULL BOX
		ELECTRICAL METER
		ELECTRICAL CABINET
		TRANSFORMER
		BOLLARD
		UTILITY POLE, LIGHT POLE
		BURIED TELEPHONE
		FIBER CABLE
		CABLE TELEVISION
		OVER HEAD ELEC
		SWALE
		RIGHT-OF-WAY
		FENCING
		BUILDING OR STRUCTURE
		ASPHALT PAVED DRIVE
		CONCRETE SLAB OR SIDEWALK
		DEMOLISH, REMOVE & DISPOSE OF
		LIMITS OF WOODS
		TREE
		TEST PIT (SEE S.U.E. REPORT)



DETAIL/SECTION KEY

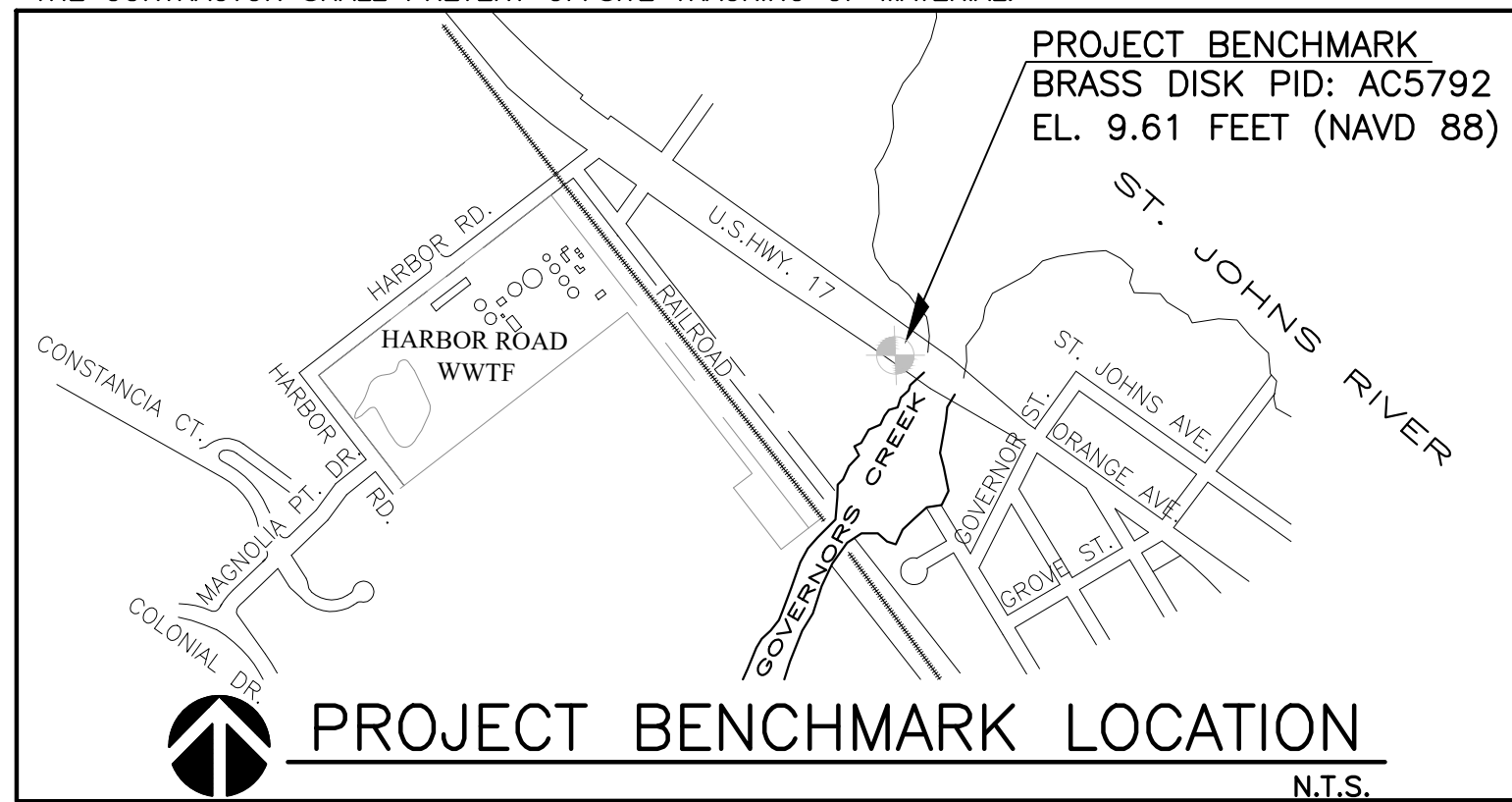


ABBREVIATIONS

ABBREVIATION	DESCRIPTION
ABS	ACRYLONITRILE BUTADIENE STYRENE
ABV	ABOVE
ACP	ASBESTOS CEMENT PIPE
AFF	ABOVE FINISH FLOOR (REF. ELEV.)
AFR	ABOVE FINISHED GRADE (REF. ELEV.)
ALUM	ALUMINUM
ALT	ALTERNATE
APRX	APPROXIMATE(LY)
ARCH	ARCHITECT(URAL)
ARV	AIR RELEASE VALVE
ASPH	ASPHALT
ASSY	ASSEMBLY
BUR	BURIED ELECTRIC
BF	BOTTOM FACE
BFO	BURIED FIBER OPTIC
BM	BENCH MARK
BY	BOTTOM
BTUM	BUTYLENE OR BITUMASTIC
B	BASELINE
BLD	BUILDING
BLK	BLOCK
BM	BENCH MARK
BOC	BACK OF CURB
BO	BOTTOM
BT	BURIED TELEPHONE-CABLE
BT	BALL VALVE
BW	BOTH WAYS
C	COND
CAP	CAPACITY
CAV	CABLE TELEVISION
CCUA	CLAY COUNTY UTILITY AUTHORITY
CFM	CUBIC FEET PER MINUTE
CG	CUBIC FEET PER SECOND
CI	CAST IRON
CIP	CAST IRON PIPE, CAST-IN-PLACE
CH	CENTER LINE
OHE	OVER HEAD ELECTRIC
CLF	CHAIN LINK FENCE
CLR	CLEAR OR CLEARANCE
CONC	CONCRETE
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CON	CORNER
CO	CLEAN OUT
CONC	CONCRETE
CONT	CONTINUOUS
COORD	COORDINATE
CPVC	CHLORINATED POLYVINYL CHLORIDE
CUL	CULVERT
CHK	CHECK VALVE
CY	CUBIC YARD
C/C	CENTER TO CENTER
DEM	DEMOLITION
DI	DIAMETER
DIA	DIAMETER
DIM	DIMENSION
DIP	DUCTILE IRON PIPE
DOT	DEPARTMENT OF TRANSPORTATION
DR	DRAIN
DW	DRIVEWAY
DWG	DRAWING
E	EAST
ECC	ECCENTRIC
E	EACH
ELEV	ELEVATION
ELEC	ELECTRIC
EMER	EMERGENCY
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQUIP	EQUIPMENT
ESMT	EASEMENT
EST	ESTIMATE(D)
EW	EACH WAY
EXP	EXPANSION
EXIST	EXISTING
EXT	EXTERIOR
FB	FLOOR BRAN
FD	FOUNDATION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
FF	FINISH FLOOR
FH	FIRE HYDRANT
FIN	FINISHED
FIN GR	FINISHED GRADE
FL	FLANGE(D)
FM	FEET MAIN
FS	FEET PER MINUTE
FPS	FEET PER SECOND
FF	FEMALE PIPE THREAD
FIB	FIBERGLASS REINFORCED PLASTIC
FT	FOOT OR FEET
F/F	FACE TO FACE
G	GAS MAIN
GAL	GALLON(S)
GALV	GALVANIZED
GIP	GALVANIZED IRON PIPE
GRD	GROUND
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GPS	GALLONS PER SECOND
GR	GRADE
GS	GALVANIZED STEEL
GSP	GALVANIZED STEEL PIPE
GW	GATE VALVE(NESS)
HB	HOSE BIBB
HOPE	HEIGHT-DENSITY POLYETHYLENE
HGT	HEIGHT
HR	HAND RAIL
HOA	HAND-OFF-AUTO SWITCH
HORIZ	HORIZONTAL
HP	HORSEPOWER
HUR	HOUR
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
H	HIGH WATER LEVEL
HIGHWAY	HIGHWAY
ID	INSIDE DIAMETER
INS	INSIDE FACE
INCH	INCH(ES)
INF	INFLENT
INT	INTERSECTION
INTR	INTERIOR
INV	INVERT
IR	IRON PIPE
IPS	INTERNATIONAL PIPE STANDARD; IRON PIPE SIZE
JB	JUNCTION BOX
JO	JOINT
K	KIP(1,000 LB)
KVA	KILOVOLT-AMPERE
KWH	KILOWATT
L	LEFT
LAB	LABORATORY
LAV	LAVATORY
LB	POUND
LP	LINEAR FEET
LP	LIGHT POLE
LR	LONG RADIUS
LS	LUMP SUM
LWL	LOW WATER LEVEL
MANT	MAINTAIN OR MAINTENANCE
MAN	MANUALLY
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MES	MECHANICAL END SECTION
MECH	MECHANICAL
MFR	MANUFACTURE
MG	MILLION GALLON(S)
MGD	MILLION GALLONS PER DAY
MNH	MANHOLE
MIN	MINIMUM; MINUTE(S)
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
MON	MONUMENT
MPH	MILES PER HOUR
MPT	MALE PIPE THREAD
MTD	MOUNTED
NW	NORTHWEST
N	NORTH
NC	NORMALLY CLOSED
NE	NORTHEAST
NIC	NOT IN CONTRACT; NOT INCLUDED
NO	NORMALLY OPEN
NOM	NOMINAL
No	NO
NPT	NATIONAL PIPE THREAD
NPW	NON-POTABLE WATER
NTS	NOT TO SCALE
NW	NORTHWEST
N/A	NOT APPLICABLE
OA	OVERALL DIMENSION
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OH	OVER HEAD
OHE	OVER HEAD ELECTRIC
OPT	OPTIONAL
OP&M	OPERATION AND MAINTENANCE
PAVT	PAVEMENT
PC	POINT OF CURVE
PF	PLAN
PI	POINT OF INTERSECTION
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
POB	POINT OF BEGINNING
PP	POUNDS PER DAY
PPD	POUNDS PER DAY
PPM	PARTS PER MILLION
PPRES	PRESSURE
PRV	PRESSURE REDUCING VALVE
PIS	PUMP STATION
PS	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSIG	POUNDS PER SQUARE INCH GAGE
PT	POINT OF TANGENCY
PV	POLYVINYL CHLORIDE
PVC	POLYVINYL CHLORIDE
PW	POWER
Q	QUANTITY
R	RADIUS
RA	REINFORCED CONCRETE PIPE
RD	REDUCER
REBAR	REINFORCING STEEL BARS
REF	REFERENCE
REINF	REINFORCE(D)(ING)(MENT)
REQD	REQUIRED
REST	RESTRAINED
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RR	RAILROAD
RT	RIGHT
RW	RAW WATER
RWM	RAW WATER MAIN
R/W	RIGHT-OF-WAY
S	SEWER; SOUTH
SAN	SANITARY SEWER
SCHED	SCHEDULE
SE	SECTION
SECT	SECTION
SF	SQUARE FOOT OR FEET
SHT	SHEET(D)(ING)
SUV	SLEEP JOINT
SU	SLEEVE
SP	SERVICE POLE, DROP POLE
SPEC	SPECIFICATION
SQ	SQUARE
SR	STATE ROAD
SS	SANITARY SEWER, STAINLESS STEEL
ST	STATION
STA	STANDARD
STDL	STANDARD
STEL	STRUCTURAL
STRUC	STRUCTURAL

EROSION & SEDIMENTATION CONTROL NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING, ACQUIRING AND ADHERING TO THE NOTICE OF INTENT TO USE GENERAL PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH SECTION 02370 OF THE SPECIFICATIONS.
- DURING ANY CONSTRUCTION ACTIVITY, INCLUDING STABILIZATION AND REVEGETATION OF DISTURBED SURFACES, THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, SELECTION, IMPLEMENTATION AND OPERATION OF ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED TO RETAIN SEDIMENT ON-SITE AND PREVENT VIOLATIONS OF THE WATER QUALITY STANDARDS IN CHAPTER 62-3 AND 62-4, F.A.C. THE CONTRACTOR SHALL USE APPROPRIATE BEST MANAGEMENT PRACTICES DESCRIBED IN THE STATE OF FLORIDA EROSION & SEDIMENT CONTROLS DESIGNER & REVIEWER MANUAL, LATEST EDITION (E&SC).
- THE ESCAPE OF SEDIMENT FROM THE WORK SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES. IF IMPLEMENTATION DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, THE CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES TO CONTROL OR TREAT THE SEDIMENT SOURCE AS NEEDED UNTIL EFFECTIVE EROSION CONTROL AND SEDIMENT CONTROL IS ACHIEVED. THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL REMOVE ANY SILTATION DEPOSITS AND CORRECT ANY EROSION PROBLEMS AS DIRECTED BY THE ENGINEER OF RECORD WHICH RESULTS FROM THE CONSTRUCTION OPERATIONS.
- DURING CONSTRUCTION THE CONTRACTOR SHALL CONSTRUCT EROSION & SEDIMENT INLET PROTECTION AT ALL STORM DRAIN INLETS, SEE DETAILS ON SHEET C2.1.
- EXCEPT WHERE SPECIFIC REQUIREMENTS ARE NOTED, EROSION & SEDIMENTATION CONTROLS SHOWN ON THESE PLANS ARE SCHEMATIC IN NATURE. THE CONTRACTOR SHALL MODIFY OR SUPPLEMENT THESE CONTROLS, AS NECESSARY, TO DEVELOP A SITE AND PROJECT SPECIFIC STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP SHALL MEET THE REQUIREMENTS OF THE FIELD CONDITIONS ENCOUNTERED AND CONFORM TO THE CONTRACTOR'S PROPOSED MEANS AND METHODS WHILE REMAINING COMPLIANT WITH ALL PERMITTING.
- THE CONTRACTOR'S CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MINIMUM OF 6-INCHES OF GRAVEL THE WIDTH OF THE DRIVE AND FOR A DISTANCE OF 25- FEET BEGINNING AT THE PROPERTY LINE AND EXTENDING ON THE PROJECT PROPERTY.
- THE CONTRACTOR SHALL ADHERE TO THE FOLLOWING GENERAL CONSTRUCTION SEQUENCE:
 - ERECT ALL EROSION & SEDIMENT CONTROLS.
 - PREPARE AND PROTECT STAGING AREAS AND CONSTRUCTION AREAS.
 - CONSTRUCT STORMWATER POND.
 - SOD AND STABILIZE POND BANKS.
- CONTRACTOR SHALL PROVIDE & INSTALL ADDITIONAL EROSION CONTROLS AS NECESSARY TO REMAIN IN COMPLIANCE WITH ALL LOCAL, STATE & FEDERAL REGULATIONS.
- MAINTAIN ALL TEMPORARY EROSION CONTROLS FOR THE DURATION OF THE WORK AND REPAIR AS NECESSARY.
- CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROLS BY SUBSTANTIAL COMPLETION OF THE PROJECT. ALL DISTURBANCE/DAMAGE INCURRED DURING REMOVAL SHALL BE REPAIRED.
- ALL AREAS DISTURBED BY CONSTRUCTION AND NOT OTHERWISE RECEIVING PERMANENT IMPROVEMENTS, SHALL BE STABILIZED WITH SOD IN ACCORDANCE WITH THE SPECIFICATIONS.
- STOCKPILES OF MATERIALS SHALL NEITHER IMPEDE NOR DISTURB NATURAL DRAINAGE PATTERNS. THE CONTRACTOR SHALL USE DIVERSION SWALES AND SEDIMENT BASINS AS NECESSARY TO REDIRECT DRAINAGE PATTERNS IF NECESSARY TO PREVENT SEDIMENTATION FROM ADVERSELY IMPACTING PROPERTY OFFSITE.
- TEMPORARILY SEED AND MULCH ALL DISTURBED AREAS WITHIN 14 DAYS; SOD AS REQUIRED TO CONTROL EROSION THROUGH FINAL INSPECTION AND TO PRODUCE A UNIFORM STAND OF GRASS COVER.
- THE CONTRACTOR SHALL PREVENT OFFSITE TRACKING OF MATERIAL.

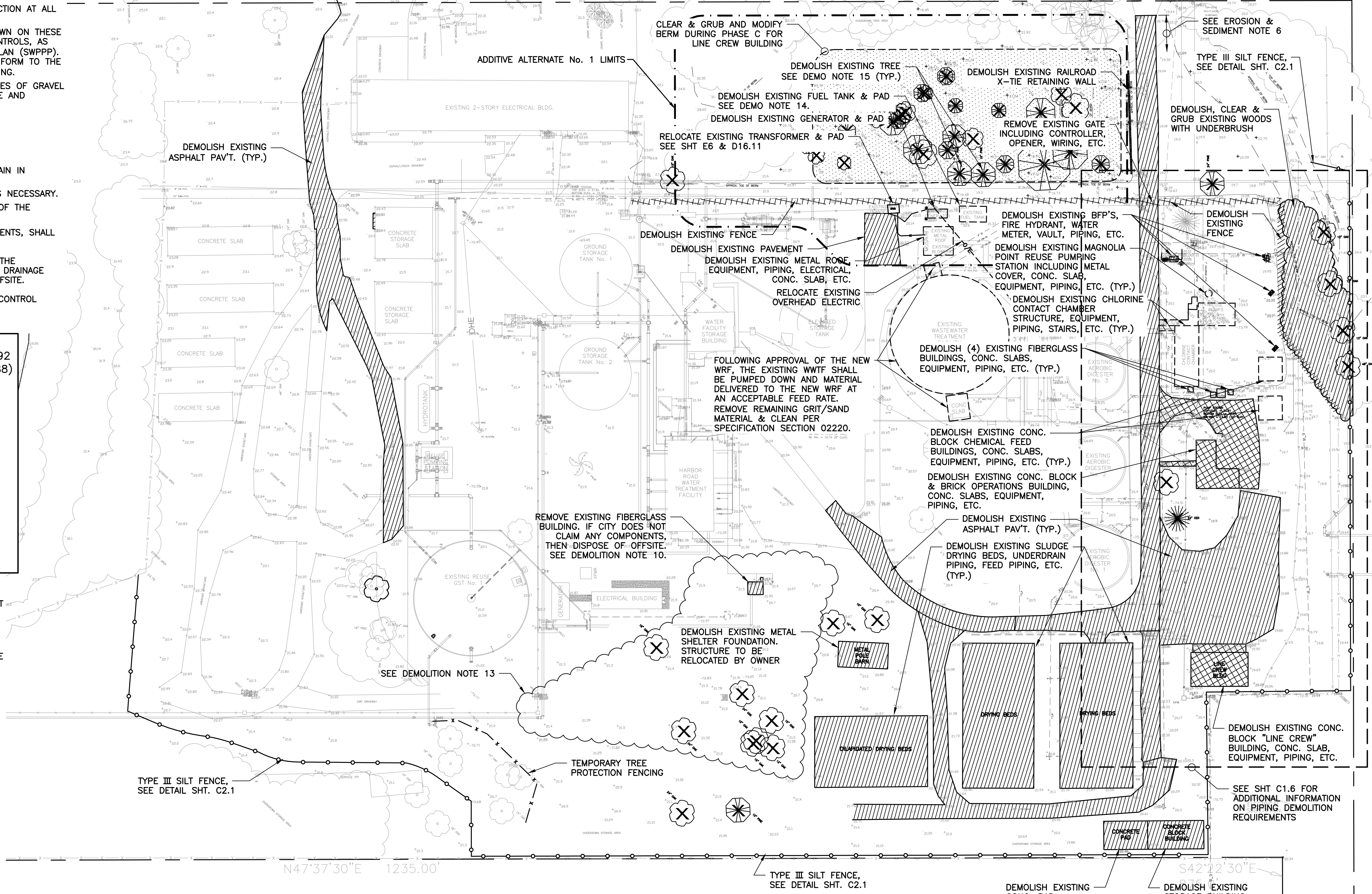


SURVEY NOTES:

- THIS SURVEY DOES NOT PURPORT TO BE A BOUNDARY SURVEY. ALTHOUGH SHOWN FROM THE BEST INFORMATION AVAILABLE, RIGHT-OF-WAY, EASEMENTS AND PROPERTY LINES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
- TOPOGRAPHIC SURVEY DATA PROVIDED BY MITTAUER & ASSOCIATES, INC. UNDERGROUND UTILITIES SHOWN ARE FOR REFERENCE ONLY AND HAVE NOT BEEN FIELD LOCATED.
- THIS PROJECT LIES WITHIN FLOOD ZONE 'X' AS SHOWN ON FEMA FLOOD PANEL No.: 12019C0190E, DATED 3/17/2014.
- FOR TEMPORARY BENCHMARKS AT PROJECT AREA SEE SHEET C1.1.
- ELEVATIONAL DATA IS REFERENCED TO 1988 NAVD.
- ALL PROPERTY CORNERS, PINS, MONUMENTS AND MARKERS DISTURBED BY THE WORK SHALL BE RESTORED BY A LICENSED PLS AT THE CONTRACTORS EXPENSE.

LEGEND:

- PHASE A DEMOLITION LIMITS
- PHASE B DEMOLITION LIMITS
- PHASE C DEMOLITION LIMITS



MITTAUER & ASSOCIATES, INC.
CONSULTING ENGINEERS

580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
TEL. (904) 278-0030 FAX. (904) 278-0840

CITY OF GREEN COVE SPRINGS
DEP SRF Harbor Road WRF Expansion Phase 2
Existing Conditions & Demolition Plan
Clay County, Florida

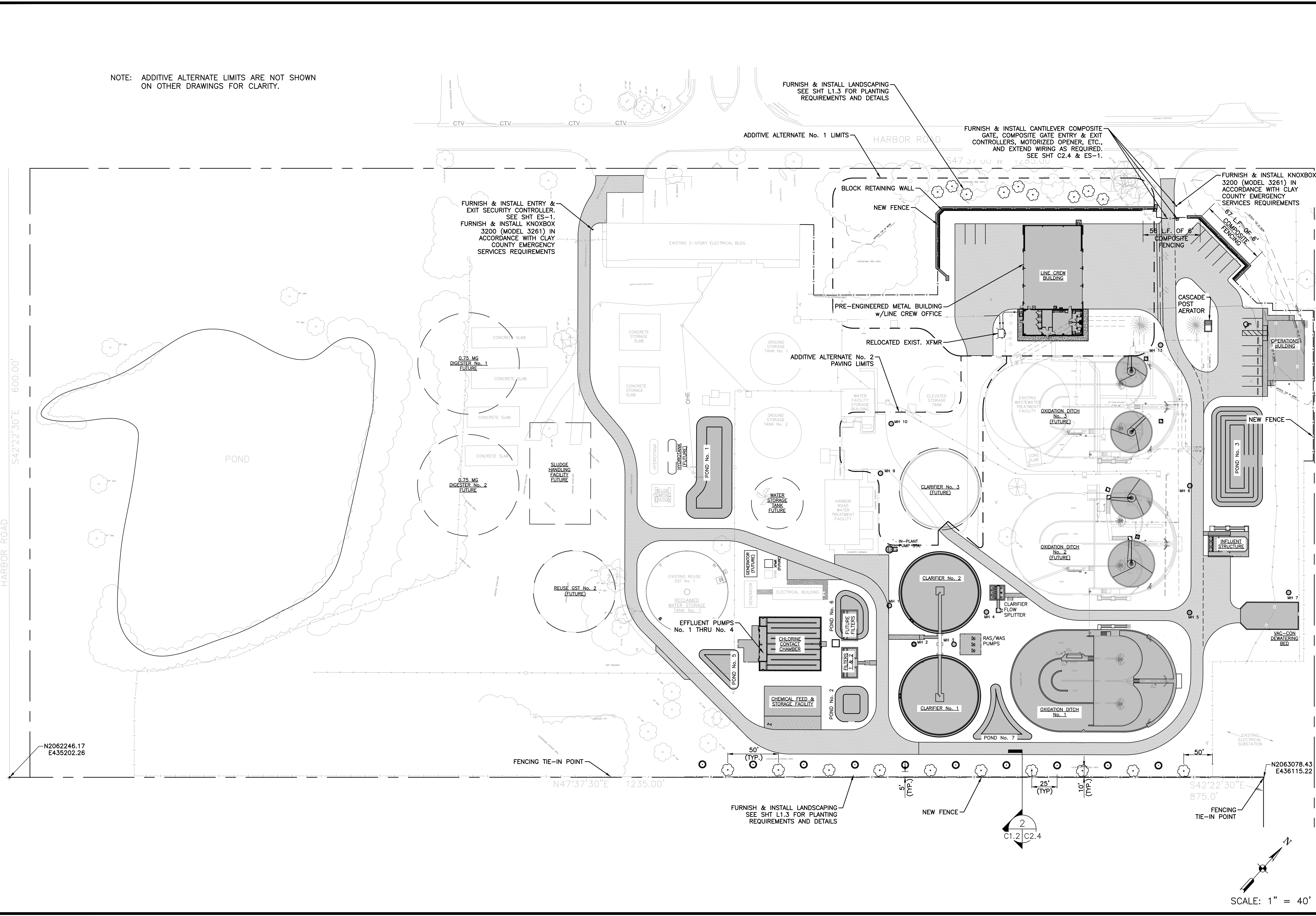
JOB NO. 8905-56-1
SHEET NO. C1.1

NO.	DATE	BY	REVISION DESCRIPTION

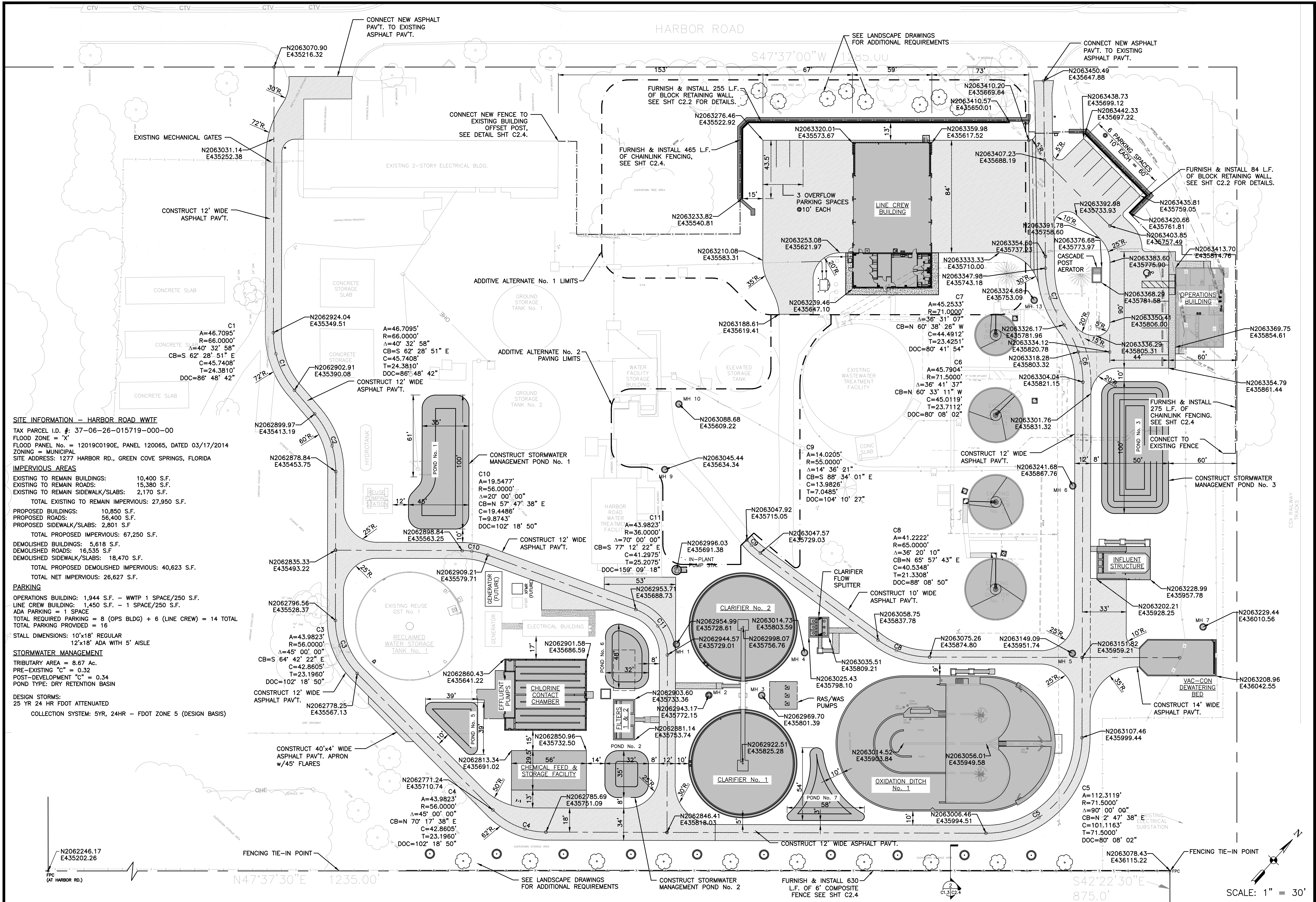
DESC: MPT
DRAWN: KDH/USA
PROJ. MGR: JRS
DATE: 11/16/20
SCALE: 1" = 40'

SCALE: 1" = 40'

NOTE: ADDITIVE ALTERNATE LIMITS ARE NOT SHOWN ON OTHER DRAWINGS FOR CLARITY.



<p>MITTALNER & ASSOCIATES, INC. CONSULTING ENGINEERS</p> <p>580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073 TEL. (904) 278-0030 FAX. (904) 278-0840</p>		<p>REVISION DESCRIPTION</p>
<p>DESC: MPT DRWN: KDH/USA PROJ: JRS MGR: JRS</p>	<p>DATE: 11/16/20</p>	<p>NO. DATE BY</p>
<p>CITY OF GREEN COVE SPRINGS DEP SRF Harbor Road WRF Expansion Phase 2 Site Master Plan & Landscape Plan Clay County, Florida</p>		
<p>JOB NO. 8905-56-1 SHEET NO. C1.2</p>		<p>SCALE: 1" = 40'</p>



SITE INFORMATION - HARBOR ROAD WWT
 TAX PARCEL I.D. #: 37-06-26-015719-000-00
 FLOOD ZONE = 'X'
 FLOOD PANEL No. = 12019C0190E, PANEL 120065, DATED 03/17/2014
 ZONING = MUNICIPAL
 SITE ADDRESS: 1277 HARBOR RD., GREEN COVE SPRINGS, FLORIDA

IMPERVIOUS AREAS

EXISTING TO REMAIN BUILDINGS:	10,400 S.F.
EXISTING TO REMAIN ROADS:	15,380 S.F.
EXISTING TO REMAIN SIDEWALK/SLABS:	2,170 S.F.
TOTAL EXISTING TO REMAIN IMPERVIOUS:	27,950 S.F.
PROPOSED BUILDINGS:	10,850 S.F.
PROPOSED ROADS:	56,400 S.F.
PROPOSED SIDEWALK/SLABS:	2,801 S.F.
TOTAL PROPOSED IMPERVIOUS:	67,250 S.F.
DEMOLISHED BUILDINGS:	5,618 S.F.
DEMOLISHED ROADS:	16,535 S.F.
DEMOLISHED SIDEWALK/SLABS:	18,470 S.F.
TOTAL PROPOSED DEMOLISHED IMPERVIOUS:	40,623 S.F.
TOTAL NET IMPERVIOUS:	26,627 S.F.

PARKING

OPERATIONS BUILDING: 1,944 S.F. - WWT 1 SPACE/250 S.F.
 LINE CREW BUILDING: 1,450 S.F. - 1 SPACE/250 S.F.
 ADA PARKING = 1 SPACE
 TOTAL REQUIRED PARKING = 8 (OPS BLDG) + 6 (LINE CREW) = 14 TOTAL
 TOTAL PARKING PROVIDED = 16

STALL DIMENSIONS: 10'x18' REGULAR
 12'x18' ADA WITH 5' AISLE

STORMWATER MANAGEMENT

TRIBUTARY AREA = 8.67 AC.
 PRE-EXISTING "C" = 0.32
 POST-DEVELOPMENT "C" = 0.34
 POND TYPE: DRY RETENTION BASIN

DESIGN STORMS:
 25 YR 24 HR FDOT ATTENUATED
 COLLECTION SYSTEM: 5YR, 24HR - FDOT ZONE 5 (DESIGN BASIS)

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CITY OF GREEN COVE SPRINGS
 DEP SRF Harbor Road WRF Expansion Phase 2
 Site Plan - Horizontal Control
 Clay County, Florida

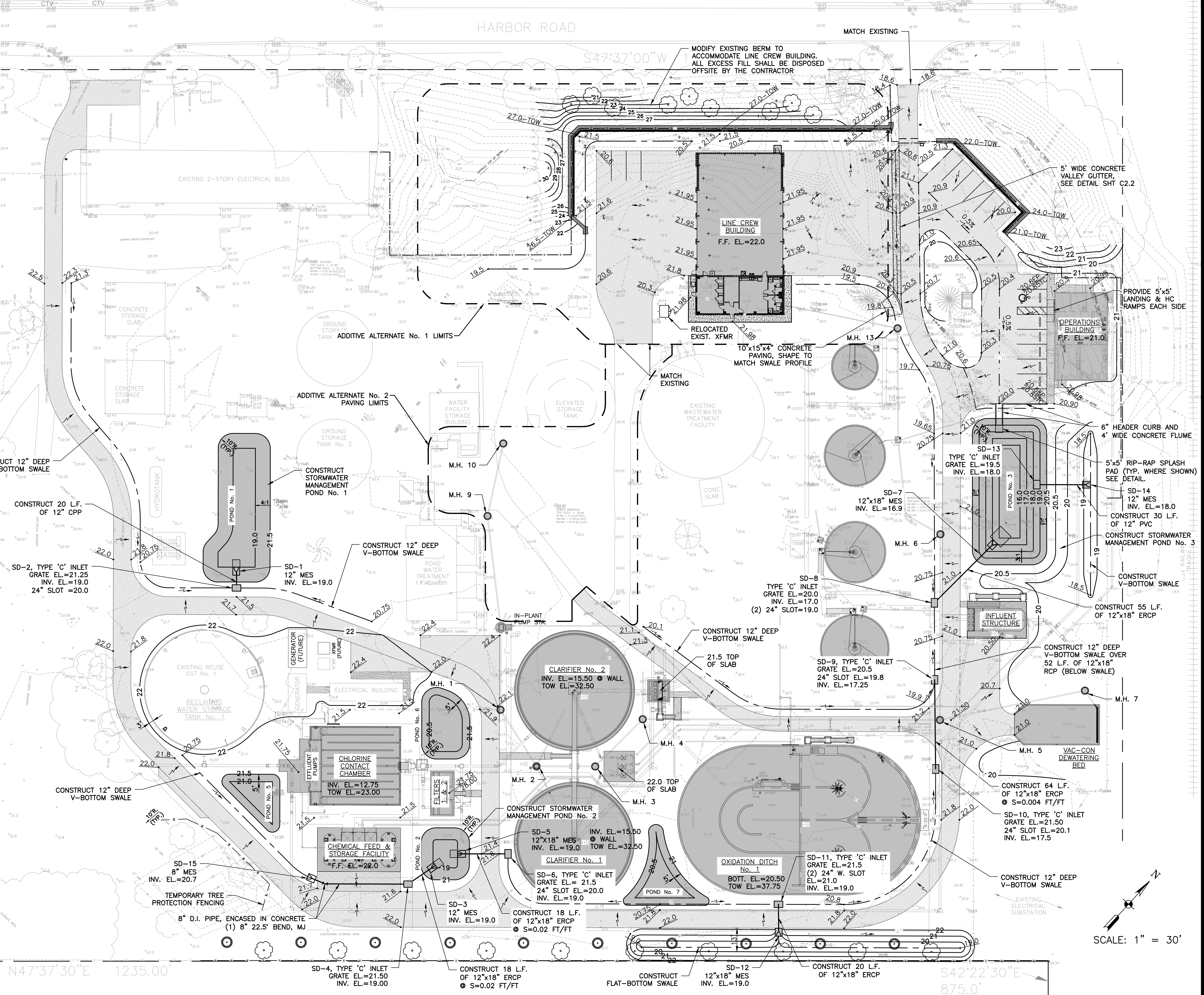
JOB NO. 8905-56-1
 SHEET NO. C1.3

SCALE: 1" = 30'

NO.	DATE	BY	REVISION DESCRIPTION

NOTES:

- PIPE LENGTHS ARE MEASURED ON THE HORIZONTAL PLANE CENTER TO CENTER OF INLET OR MANHOLE AND DO NOT INCLUDE MITERED END SECTIONS IF APPLICABLE. CONTRACTOR SHALL PROVIDE AND INSTALL THE LENGTH REQUIRED.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL CONSTRUCT EROSION & SEDIMENT INLET PROTECTION AT ALL EXISTING & PROPOSED STORM DRAIN INLETS, SEE DETAIL, SHT. C2.1.
- ALL SIDEWALKS ARE CONSIDERED HANDICAP ACCESSIBLE ROUTES AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN AND SLOPES SHALL NOT EXCEED THE FOLLOWING:
 - DIRECTION OF TRAVEL (LENGTH OF SIDEWALK) = 5% MAX.
 - CROSS SLOPE = 2% MAX.
 - RAMP = 1:12 MAX.
 SEE DETAIL SHT. C2.1.
- ALL SIDEWALKS FLUSH WITH PAVEMENT SHALL RECEIVE A CONTINUOUS 24" WIDE STRIP OF DETECTABLE WARNING TEXTURE.
- ALL CURB & GUTTERS ARE FRONT-DISCHARGE WHERE PAVEMENTS SLOPE DOWN & AWAY FROM GUTTERS.
- CONTRACTOR SHALL VERTICALLY ADJUST ALL EXISTING & NEW VALVE BOXES, MANHOLE FRAMES & COVERS, JUNCTION BOXES, PULL BOXES, ETC., WHERE REQUIRED DUE TO GRADE CHANGES, SO THEY ARE LOCATED FLUSH WITH FINISHED GRADE/SURFACE.
- SEE DETAIL SHT. C2.3 FOR ADDITIONAL DRAINAGE DETAIL.
- CONTRACTOR SHALL PROVIDE CONSTANT SLOPE BETWEEN ADJACENT SPOT ELEVATIONS.
- UNLESS OTHERWISE NOTED GRADES AT ALL PROPERTY LINES SHALL REMAIN UNCHANGED. CONTRACTOR SHALL PROVIDE A CONSTANT SLOPE BETWEEN EXISTING PROPERTY LINE GRADES AND NEAREST PROPOSED SPOT ELEVATIONS.

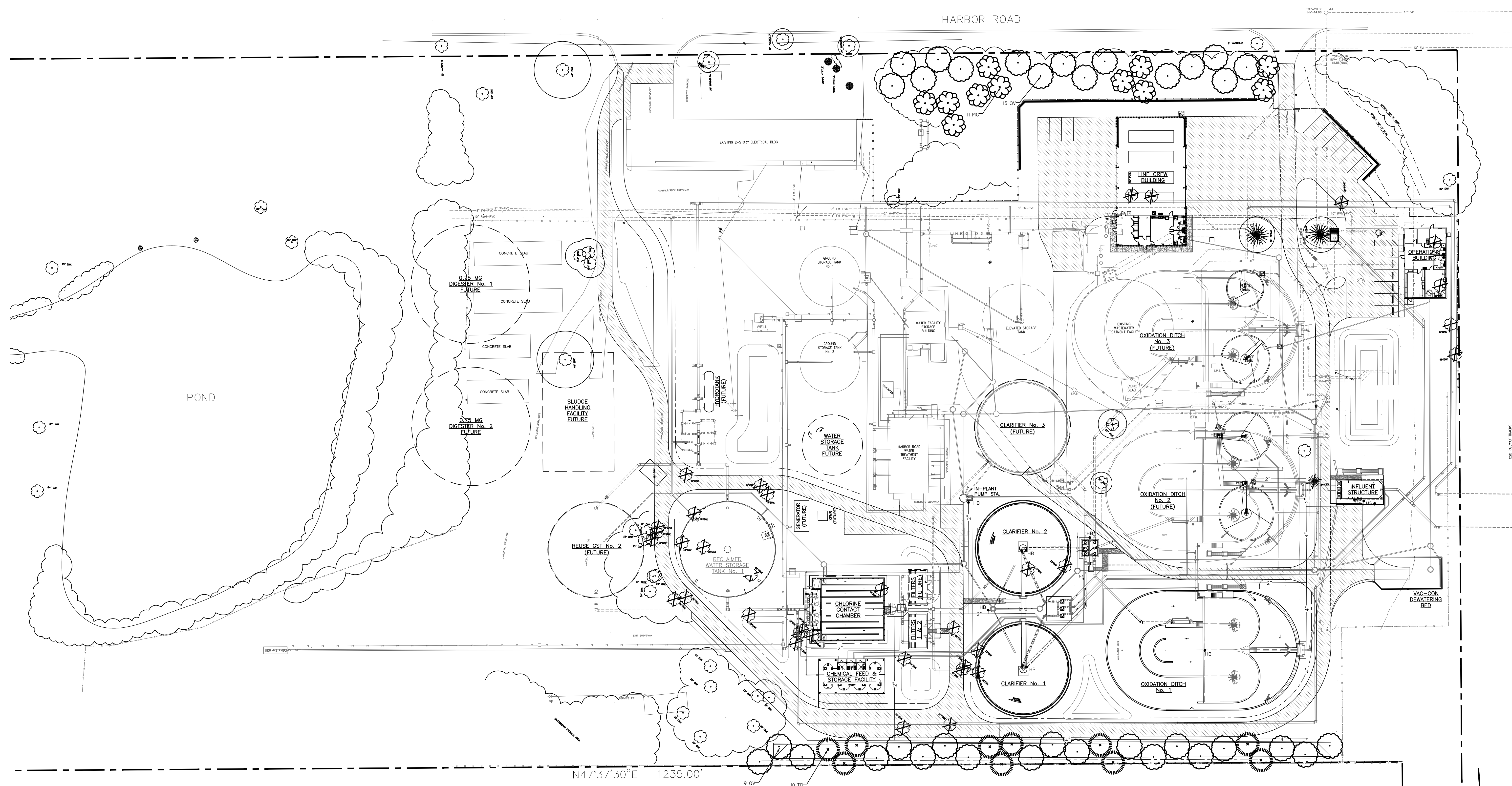


DESC	MPT	DATE	NO	BY
DRWN	KDJ/USA	11/16/20		
PROJ	JRS			
DATE				
1 INCH				

MITTALUER & ASSOCIATES, INC.
CONSULTING ENGINEERS
580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
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CITY OF GREEN COVE SPRINGS
DEP SRF Harbor Road WRF Expansion Phase 2
Grading & Drainage Plan
Clay County, Florida

JOB NO. 8905-56-1
SHEET NO. C1.4



FIELD ADJUST TREES AS NECESSARY.
CGC TO IRRIGATE TREES UNTIL ESTABLISHED.

CITY GREEN COVE SPRINGS HARBOR ROAD WWTF
PLANT LIST

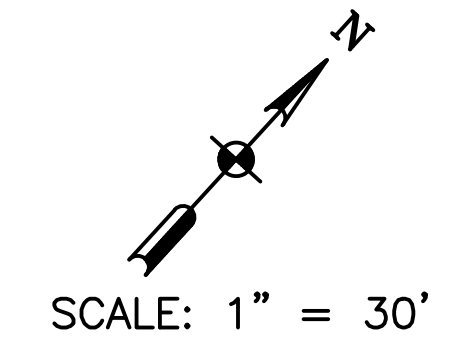
QTY	SYM	DESCRIPTION	SIZE	SPACING	NOTES*	TOTAL INCHES
34	QV	QUERCUS VIRGINIANA "CATHEDRAL LIVE OAK"	15'-17' x 7-8', 6" CAL., 4' CT., MATCHED	AS SHOWN	N, FYN, FF, WW	204
11	MG	MAGNOLIA GRANDIFLORA "SOUTHERN MAGNOLIA"	14-16' x 6-7', 6" CAL., 6' CT., MATCHED	AS SHOWN	N, FYN, FF, WW	66
10	TD	TAXODIUM DISTICHUM "BALD CYPRESS"	14-16' x 6-7', 6' CAL., 6' CT., MATCHED	AS SHOWN	N, FYN, FF, WW	60

SOD PASPALUM NOTATUM "ARGENTINE BAHIA" - TSA FREE (WEED FREE)
SOD ALL 4:1 SLOPES OR GREATER, 10' FROM EOP AND ALL DISTURBED ROW. COORDINATE FURTHER GRASSING WITH GENERAL CONTRACTOR
SELECTED SOD SPECIES MEETS ALL CURRENT LANDSCAPE AND IRRIGATION REQUIREMENTS. ANY VARIABLE WILL REQUIRE GOVERNMENT APPROVAL

48 HOURS BEFORE YOU DIG
CALL SUNSHINE
1-800-432-4770
IT'S THE LAW IN FLORIDA

*PLANT LIST LEGEND: N-NATIVE, FYN- FLORIDA YARDS & NEIGHBORHOODS 2006, FF- FLORIDA FRIENDLY, WW- WATER WISE 2008,
OHE - JEA OVERHEAD ELECTRIC (ACCEPTABLE PLANT LIST)

Prepared by:
JANET O. WHITMILL, R.L.A.
P.O. Box 5212, Jacksonville, FL 32247-5212
Telephone (904) 398 7688



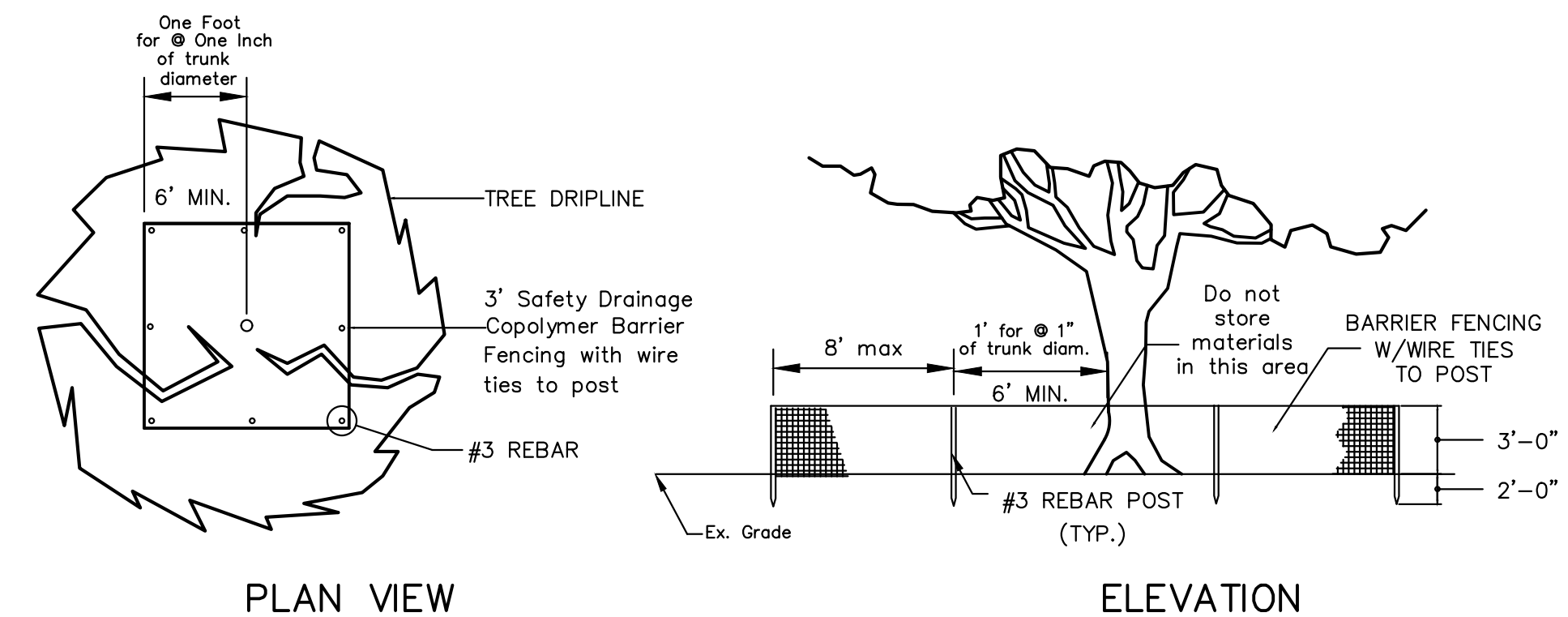
MITTAUER & ASSOCIATES, INC.
 CONSULTING ENGINEERS
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CITY OF GREEN COVE SPRINGS
 DEP SRF Harbor Road WWTF
 LANDSCAPE PLAN
 Clay County, Florida

JOB No. 19118
 SHEET No. L1.3

CITY GREEN COVE SPRINGS HARBOR ROAD WWTF PLANT LIST

QTY	SYM	DESCRIPTION	SIZE	SPACING	NOTES*	TOTAL INCHES
34	QV	QUERCUS VIRGINIANA "CATHEDRAL LIVE OAK"	15'-17' x 7-8', 6" CAL., 4' CT., MATCHED	AS SHOWN	N, FYN, FF, WW	204
11	MG	MAGNOLIA GRANDIFLORA "SOUTHERN MAGNOLIA"	14-16' x 6-7', 6" CAL., 6' CT., MATCHED	AS SHOWN	N, FYN, FF, WW	66
10	TD	TAXODIUM DISTICHUM "BALD CYPRESS"	14-16' x 6-7', 6' CAL., 6' CT., MATCHED	AS SHOWN	N, FYN, FF, WW	60



PLAN VIEW

ELEVATION

TREE PROTECTION FENCING DETAIL

NOT TO SCALE

THE TREE PROTECTION BARRICADE SHALL BE AT LEAST THREE (3) FEET HIGH. THE BARRIER SHALL CONSIST OF EITHER WOOD FENCE WITH 2X4 POSTS PLACED A MAXIMUM EIGHT (8) FEET APART, WITH A 2X4 MINIMUM TOPRAIL, OR A TEMPORARY WIRE MESH FENCE, OR OTHER SIMILAR BARRIER WHICH WILL LIMIT ACCESS TO PROTECTED AREA.

THE BARRICADE SHALL BE AT LEAST ONE FOOT IN DIAMETER FOR EACH INCH OF TRUNK DIAMETER. FOR TREES LESS THAN 12" DBH, THE MINIMUM BARRICADE SHALL BE PLACED AT LEAST SIX (6) FEET AWAY FROM THE BASE OF THE TREE.

TREE BARRICADE APPROVAL: OBTAIN CITY APPROVAL OF TREE BARRICADES BEFORE BEGINNING CLEARING OPERATIONS OR ANY SITE DEVELOPMENT.

48 HOURS BEFORE YOU DIG
CALL SUNSHINE
1-800-432-4770
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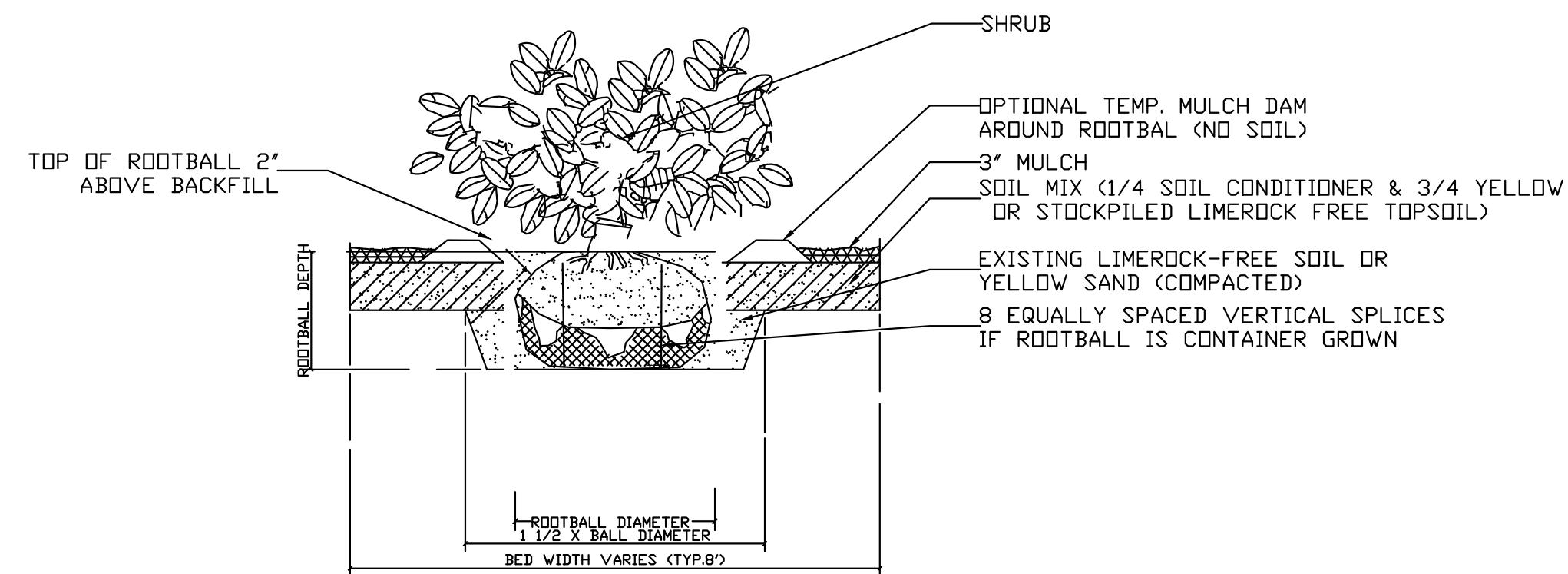
***PLANT LIST LEGEND:** N-NATIVE, FYN- FLORIDA YARDS & NEIGHBORHOODS 2006, FF- FLORIDA FRIENDLY, WW- WATER WISE 2008, OHE - JEA OVERHEAD ELECTRIC (ACCEPTABLE PLANT LIST)

CITY OF GREEN COVE SPRINGS HARBOR ROAD WWTF TREES TO BE REMOVED

TREE QTY	TREE SPECIES	SIZE (INCHES)	SUBTOTAL (INCHES)
10	OAK	12	120
15	OAK	15	225
8	OAK	18	144
4	OAK	24	96
1	OAK	30	30
2	OAK	36	72
1	OAK	42	42
1	OAK	48	48
1	CEDAR	24	24
TOTAL			801
NON-PROTECTED			
7	PINE	12	84
1	PINE	14	14
3	PINE	15	45
2	PINE	16	32
1	PINE	18	18
2	PINE	20	40
2	PINE	24	48
TOTAL			267

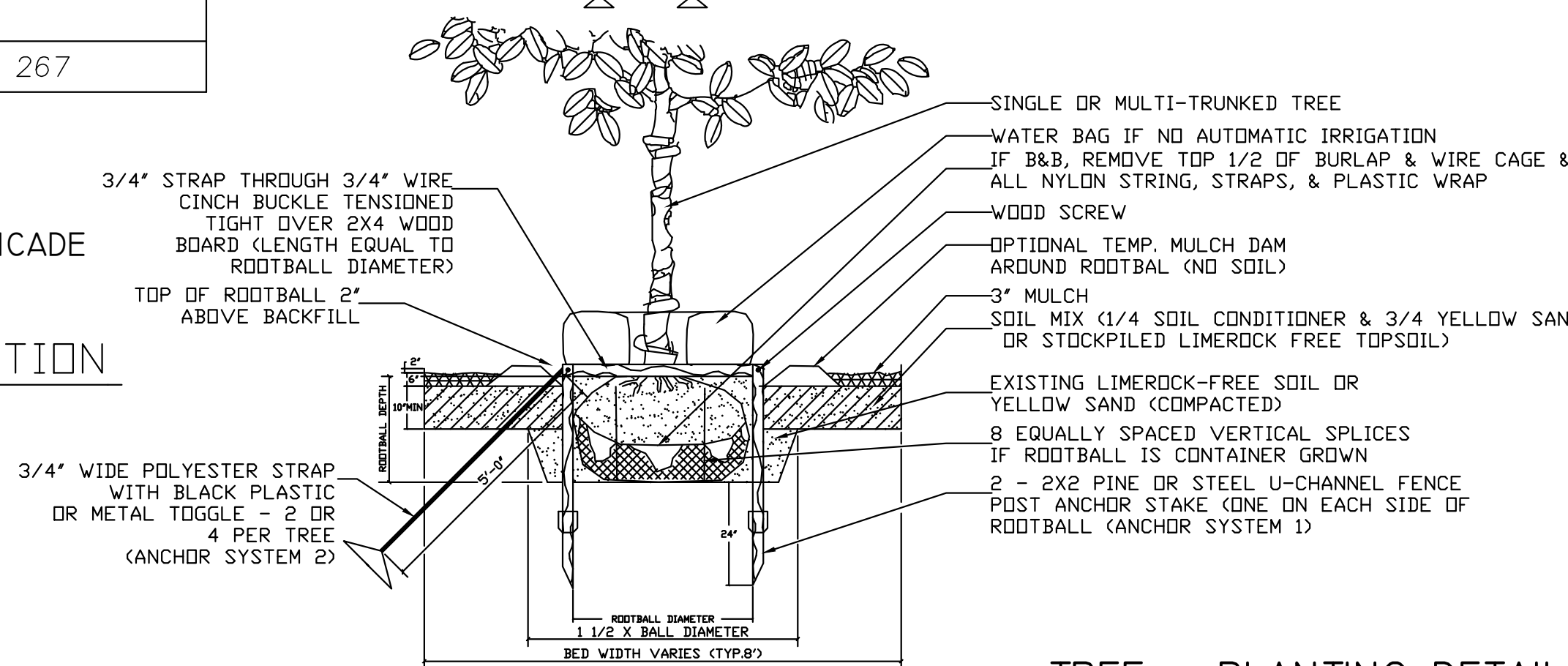
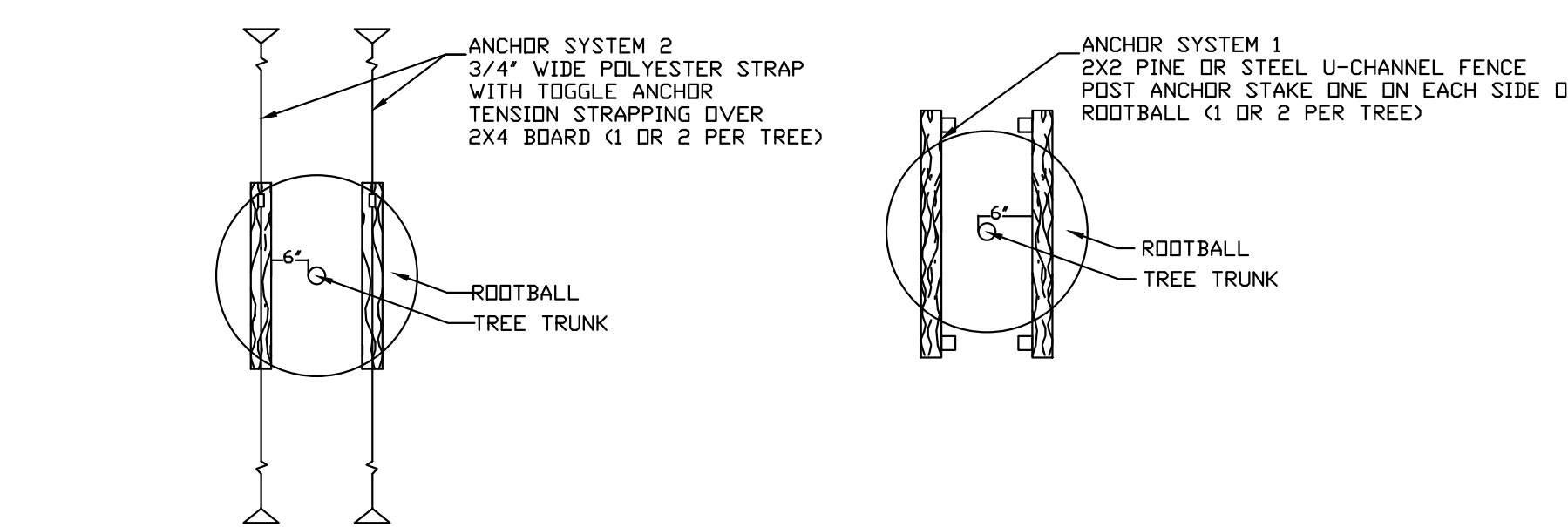
PLANTING NOTES

- The LANDSCAPE CONTRACTOR is responsible for verifying project site conditions and all quantities indicated on these plans before commencing any work. LANDSCAPE CONTRACTOR shall notify the LANDSCAPE ARCHITECT if soil conditions are poorly drained to determine if substitution of materials is necessary.
- Soil tests shall be provided to evaluate various areas of the landscape (especially the parking lot islands) for pH, available nutrients, phosphorus content, bulk density, etc. This will serve to ensure proper plant selection according to prevailing soil conditions, what lime/sulphur applications are needed (if any) and long-term survival of plant material.
- All plant material shall be Florida Grade No. 1 or better nursery grown in accordance to Florida Grades and Standards handbook.
- All plant material shall be container grown or B&B. B&B materials shall be "hardened off" root pruned during field production and shall be dug at least several weeks before planting is performed.
- Plants shall be sound, healthy and vigorous, well branched and densely foliated when in leaf. They shall be free of disease, insects, eggs or larvae and shall have healthy, well developed root systems. They shall be free from physical damage or adverse conditions that would prevent thriving growth.
- All plants shall conform to the varieties indicated in the plant list.
- Substitution of plant materials will not be permitted unless authorized in writing by the LANDSCAPE ARCHITECT. If proof is submitted that any plant specified in not obtainable, a proposal will be considered for use of the nearest equivalent size or variety with corresponding adjustment of contract price.
- Plant material locations and bed outlines shall be staked or flagged on site by the CONTRACTOR and shall be adjusted if required to fit actual as-built conditions on site and approved by the owner or owners representative.
- All proposed tree planting locations shall be staked or flagged before installation by the LANDSCAPE ARCHITECT and approved by the owner or owners representative.
- The CONTRACTOR shall estimate the depth of the planting hole by measuring the distance between the point where the topmost root emerges from the trunk and the bottom of the root ball. The planting hole shall be slightly shallower than this distance. No more than 2 to 3 inches of the root ball shall be above the soil unless the site is poorly drained. Poorly drained soil requires planting depths even or higher. Planting holes dug too deep are required to have soil added to the bottom and loosely compacted. If planting holes should fill with water as it is dug, position the bottom of the root ball above the water and mound soil to cover the sides of the ball. The hole shall be at least 1.5 times the diameter of the root ball. Wider holes shall be used for compacted soil and wet sites.
- The soil shall be freshly tilled and large clods of soil broken up. The growing medium shall be settled and firm at the time of herbicide application. Herbicides may be mechanically incorporated by mixing into top layer at a depth of 1-3 inches.
- All backfill around plant material shall be worked firmly by slicing a shovel down into the backfill 20 to 30 times around the tree as you add backfill soil. Large clumps shall be broken up. Do not pack the backfill. Only step firmly on backfill soil to stabilize the root ball. The top of the root ball shall remain 1 inch (small trees) to 3 inches (large trees) or approximately 10% above grade. Do not over-pack the loosened soil when wet. Add 10 to 20 gallons of water to the rootball and backfill. Fill in any holes or depressions with backfill soil. Do not attempt to eliminate air pockets by compaction. Water infiltrating the backfill soil will eliminate large air pockets.
- LANDSCAPE CONTRACTOR shall bear final responsibility for proper surface drainage of planted areas. Any discrepancy in the drawings, obstruction on the site, or prior to work done by any other party, which the CONTRACTOR feels precludes establishing proper drainage shall be brought to the attention of the LANDSCAPE ARCHITECT for correction or relief of said responsibility.
- When planting on slopes, set tree so top-most root in the ball on the uphill side is even with the soil. The side of the root ball on the downhill side will be well above the surrounding soil. Soil shall cover the sides of the root ball. Mulch shall cover the edge of the rootball and not piled on top.
- Planting beds shall be cut or edged to form a uniform clean line between beds and lawn areas.
- After all plant material in a plant bed area has been installed and approved, the areas between plants shall be raked to an even grade to conform to premulching finish grades. All planting beds and plant saucers shall then be uniformly covered with a minimum depth of three (3) inches of #2 grade or better of mini pine bark nuggets with a maximum diameter of two (2) inches. Contractor to provide a sample prior to installation.
- Before fertilization of a soil and/or foliar nutrient analysis shall be performed to determine whether phosphorus fertilizer with 30% slow release nitrogen will be required. All planting bed areas shall be fertilized approximately 4-6 weeks after installation.
- Plant material soil shall be "native" soil that was removed from the planting hole. If soil is badly contaminated, good quality soil shall be used as replacement after contaminated soil has been completely removed from planting area.
- After sodding is completed, the entire site areas shall be watered by hand or irrigation system each day for two weeks. After approximately one month of installation, sodded areas shall then be top dressed with a 15-0-15 commercial slow-release fertilizer at a rate of 6.67 pounds per 1,000 square feet of area in an evenly broad-case pattern.
- The LANDSCAPE CONTRACTOR is responsible for all fine grading preparation for planting. Apply pre-emergent to all beds prior to planting.
- Rough grades will be established by the owners general contractor at approximately 3 inches below curbs, sidewalks, hardscape amenities, mowing strips and abutments. All materials shall be a minimum 30" from buildings or walks.
- CONTRACTOR shall coordinate construction of planting areas with installation of irrigation system.
- Where seeding may be required on the plans, germination rate shall be the maximum percentage required for the variety specified at the rate of application specified.
- Sod areas shall be SPECIFIED Grass. Grass for sodding shall be freshly cut in squares one foot wide by two feet long. Sod shall be healthy, free of insects and weeds, in naturally flourishing conditions. Dry, brown and unfresh sod will be rejected.
- Sod shall be laid end to end and side to side in a staggered line to form a uniform layer. All uneven edges shall be squarely trimmed to allow close and firm fitting of each piece.
- After sodding is completed, the entire sod areas shall be watered by hand or irrigation system each day for two weeks. Sodded areas shall then be top dressed with a commercial fertilizer as directed herein at the rate of 12 pounds per 1000 square feet of area in an evenly broad case pattern.
- The LANDSCAPE CONTRACTOR is responsible for fully maintaining all plant material on site during and before planting, until the work in accepted by the LANDSCAPE ARCHITECT and/or owner. The LANDSCAPE CONTRACTOR is responsible for removing tree stakes after tree is established.
- All plants shall be guaranteed by the LANDSCAPE CONTRACTOR to be healthy plants and in flourishing condition of active growth for ninety (90) days from final inspection and acceptance. All trees shall be guaranteed an additional one year from final inspection and acceptance.
- The LANDSCAPE ARCHITECT, owner or owners representative shall have the right to reject any and all work which in his opinion does not meet with the requirements of the specifications at any stage of the project operation.
- In general, the work shall proceed as rapidly as the site becomes available. Keep all areas of work clean, neat, and orderly at all times.
- There will be special care to all existing trees to be retained on site to avoid construction damage.
- An automatic irrigation system is to be provided and a shop drawing of the layout and design must be submitted to the governmental agency, for review and approval, prior to installation.
- Irrigation system shall be fully automatic, providing 100% coverage to all planting areas, with all pop up heads in lawn area.
- Irrigation station shall be set where there will be no mixing of shrub and lawn areas, fixed spray heads with gear driven heads or impacts. Shrub risers shall be minimum 2.5' from eop and all heads minimum 2' from buildings.
- A double check backflow prevention (or approved equal); equal to a DCA-100; to be mounted in a rectangular valve box (12"x10") on the service side of the meter and immediately adjacent to the water meter.
- After the landscape plan is approved by the governmental agency any subsequent changes must be resubmitted for review and approval.
- Shade trees shall be planted minimum 5' from EOP and 15' from OHE.
- Do not plant trees below Normal Water Line (NWL) see civil drawings. Sod all 4:1 or greater slopes. Seed all other disturbed areas.



SHRUB PLANTING DETAIL

NOT TO SCALE



TREE PLANTING DETAIL

NOT TO SCALE

CITY OF GREEN COVE SPRINGS HARBOR ROAD WWTF MITIGATION REQUIREMENTS

TREE INCHES REMOVED	TOTAL INCHES	REQUIRED REPLACEMENT 1:3 (INCHES)
TREES GREATER THAN 12"	801	267
TOTAL		267

LEGEND

- TREE TO BE REMOVED
- TREE TO BE PRESERVED W/ BARRICADE

ESTIMATED WATER CONSUMPTION TREE ESTABLISHMENT

MONTH	NET IRR REQ.	GALLONS
MONTH 1	20 GPD X15	200
MONTH 2	20 GPD X10	200
MONTH 3	20 GPD X10	200
MONTH 4	10 GPD X10	100
MONTH 5	10 GPD X10	100
MONTH 6	10 GPD X10	100
MONTH 7	0	0

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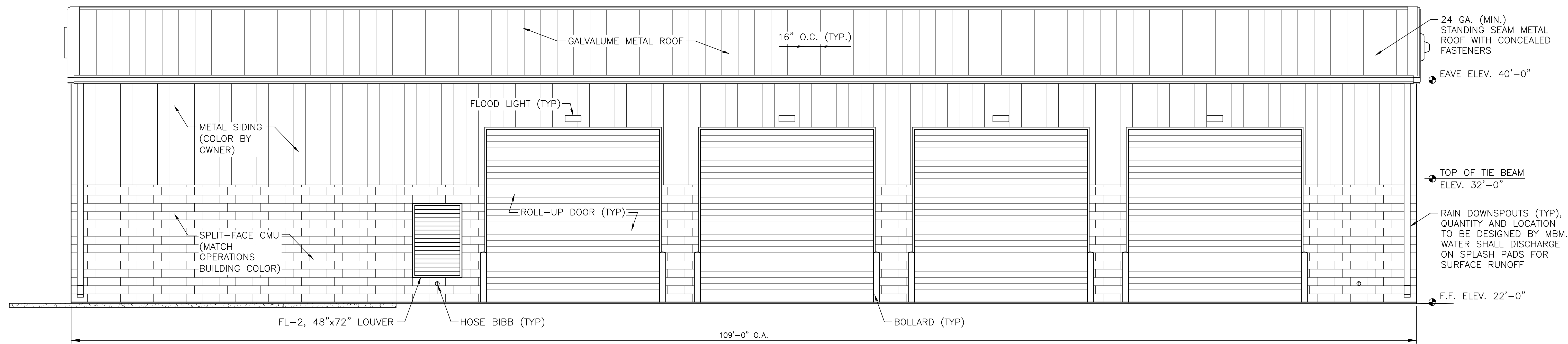
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CITY OF GREEN COVE SPRINGS
DEP SRF Harbor Road WWTF
LANDSCAPE DETAILS
Clay County, Florida

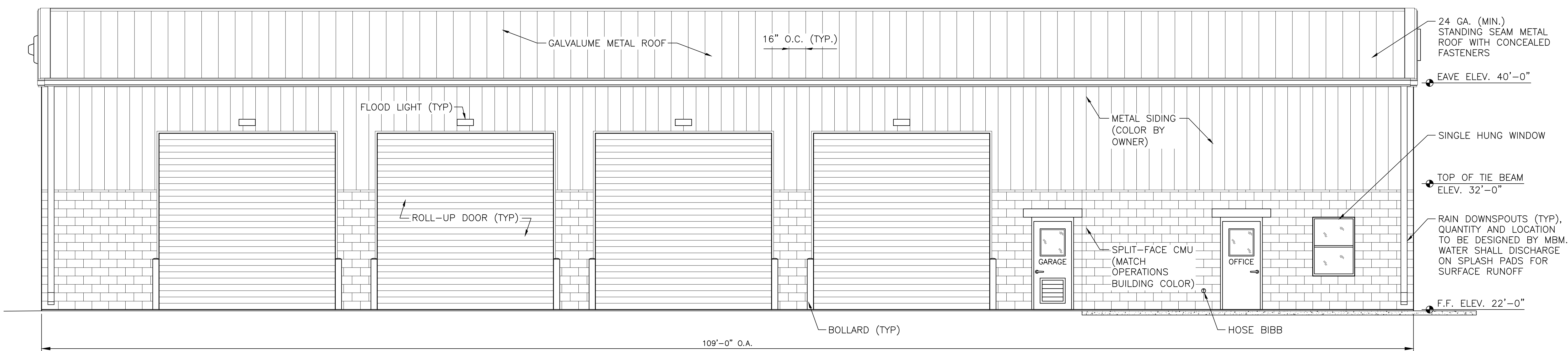
JOB No. 19118
SHEET No.

L2.3

prepared by:
JANET O. WHITMILL, R.L.A.
P.O. Box 5212, Jacksonville, FL 32247-5212
Telephone (904) 398 7688



NORTHEAST ELEVATION
1/4" = 1'-0"



SOUTHWEST ELEVATION
1/4" = 1'-0"

TPN	_____
DRN	_____
RBS	_____
JRS	_____
PROJ. MGR.	_____
DATE	12/16/20
SCALE	1" = 1'-0"

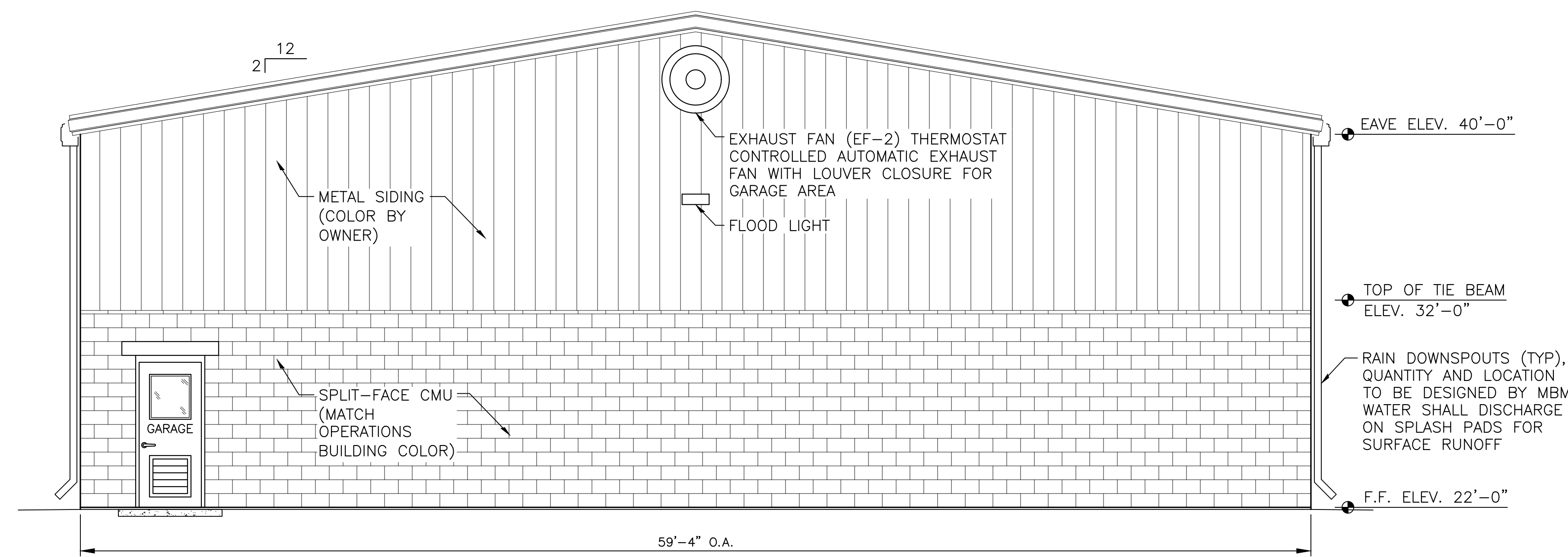
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CITY OF GREEN COVE SPRINGS
DEP SRF Harbor Road WRF Expansion Phase 2
Line Crew Building - Elevations
Clay County, Florida

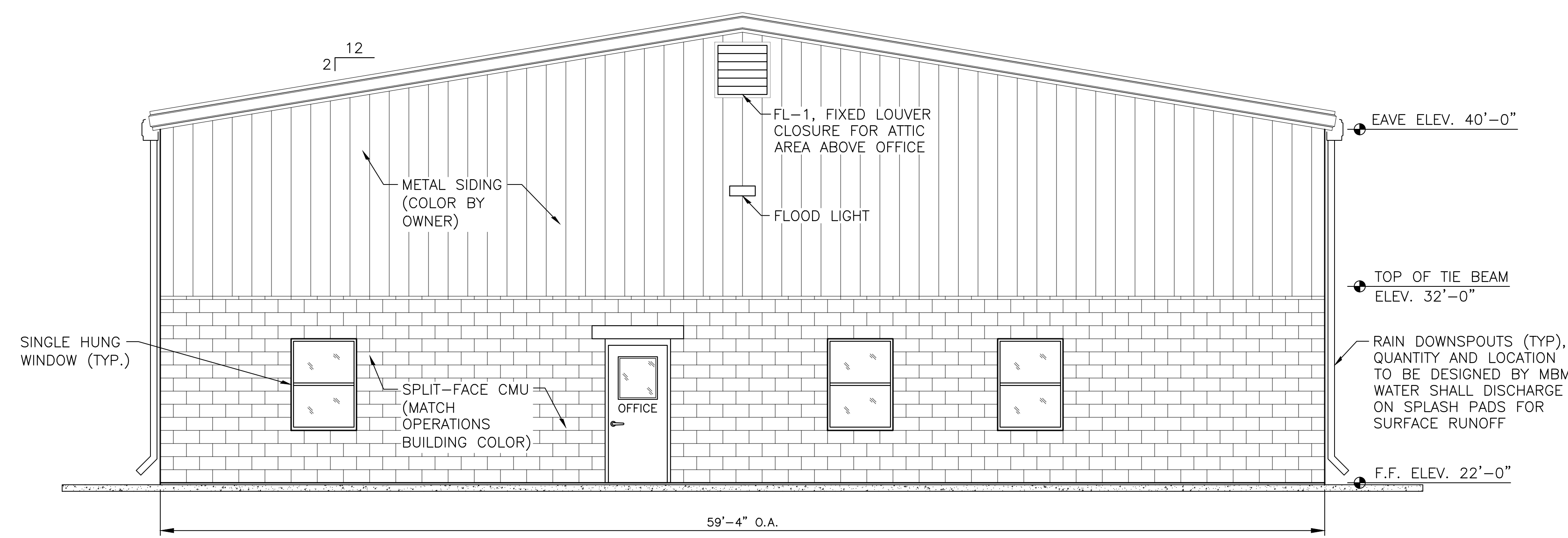
JOB NO.
8905-56-1
SHEET NO.
D16.2

NO.	_____	DATE	_____	BY	_____
REVISION DESCRIPTION					

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NORTHWEST ELEVATION
1/4" = 1'-0"



SOUTHEAST ELEVATION
1/4" = 1'-0"

DOOR, WINDOW & LOUVER SCHEDULE						
NO.	WIDTH	HEIGHT	THICK	MATERIAL		REMARKS
				DOOR	FRAME	
D1	3'-0"	7'-0"	1 3/4"	STEEL	STEEL	HOLLOW METAL LVL 3, HALF LIGHT, WIRE GLASS, LOCKSET WITH DEADBOLT, CLOSER, DOOR & GLASS FIRE RATED FOR 1 1/2 HOUR
D2	3'-0"	7'-0"	1 3/4"	STEEL	STEEL	HOLLOW METAL LVL 3, HALF LIGHT, WIRE GLASS, LOCKSET WITH DEADBOLT, CLOSER
D3	3'-0"	7'-0"	1 3/4"	STEEL	STEEL	HOLLOW METAL LVL 3, HALF LIGHT, WIRE GLASS, LOCKSET WITH DEADBOLT, CLOSER, 24" SQ. LOUVER
D4	14'-0"	14'-0"	-	STEEL	STEEL	MANUAL ROLL UP DOOR
W1	40"	56"	-	-	VINYL	SINGLE HUNG VINYL, LOW E2 INSULATED GLASS, GRILLE, SCREEN
FL-1	30"	30"	-	-	STEEL	FIXED LOUVER
FL-2	48"	72"	-	-	STEEL	FIXED LOUVER

NOTES:

1. ALL HOLLOW METAL DOORS SHALL HAVE A 2 LB POLYURETHANE CORE.
2. LOCKSETS & DEADBOLTS SHALL BE ADA COMPLIANT WITH SATIN STAINLESS STEEL FINISH.
3. DOOR FRAMES SHALL HAVE 2" FACE, EQUAL RABBETED, MASONRY BUTTED.
4. ALL LOCKSETS SHALL BE MATCHING KEYPED WITH 6 KEYS DELIVERED TO OWNER.
5. EXTERIOR DOORS TO BE INSTALLED WITH AN ALUMINUM THRESHOLD PLATE.
6. VEHICLE BAY DOOR TO BE INSTALLED WITH AN ELECTRIC DOOR OPENER.
7. ROLL-UP DOORS D14 THRU D19 SHALL BE 26 GAUGE GALVANIZED STEEL DOORS WITH SILICONIZED POLYESTER PAINTED FINISH. DOORS SHALL BE EQUIPPED WITH AN ELECTRIC 1/2 HP, 115V 60Hz OPENER WITH EMERGENCY DISCONNECT AND MANUAL OPERATOR. BASIS FOR DESIGN: GLOBAL INDUSTRIAL - INDUSTRIAL ROLL-UP DOOR - 14'X14'

GENERAL STRUCTURAL NOTES

1. All construction shall be in accordance with the local Building & Zoning Department requirements and the 2017 Florida Building Code with all Revisions. All design shall be in accordance with the 2017 Florida Building with all Revisions, ACI318, ACI350 and ASCE 7-16.

Live Loads (minimum):
 Roofs & Canopies - 20 psf
 Storage Spaces - 150 psf
 Stairs & Walkways - 100 psf

Dead Loads: Actual Material Weights
 Aux. Load = 0 psf
 Collateral Load = 5 psf

Geotechnical:
 Design Load Bearing Value of Soil - 2,000 psf

Flood Zone: X; Map No. 12019C0170E

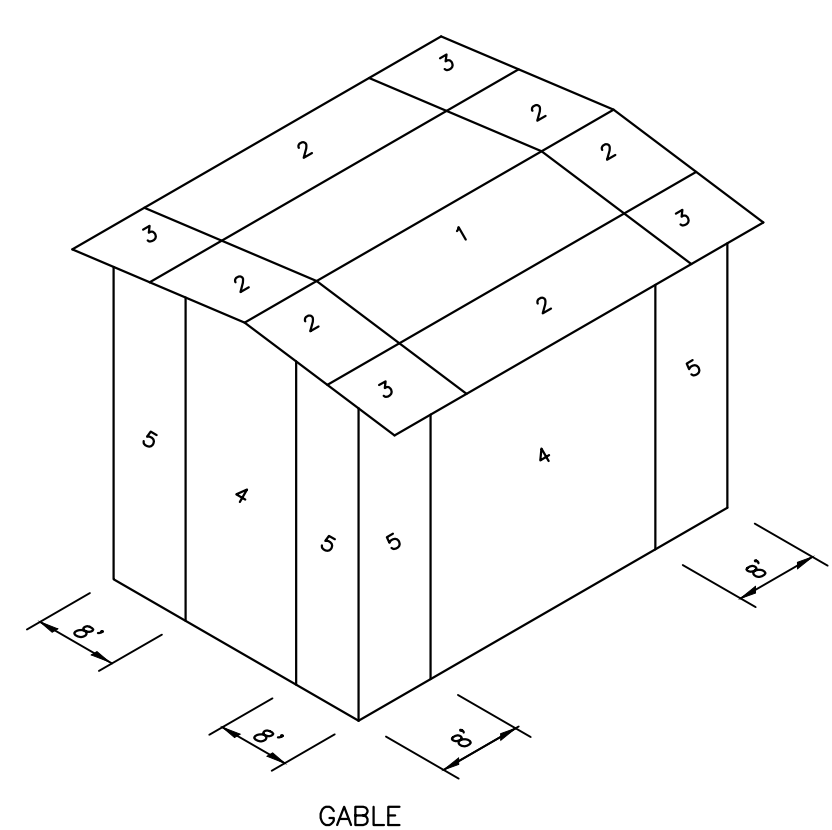
Windload Design Criteria
 Items per Florida Building Code Section 1603.1.4:
 Basic Wind Speed: (Vult) = 135 MPH
 (Vasd) = 105 MPH

Building Risk Category: III
 Wind Exposure Category: C
 Mean Roof Height: N/A
 Roof Slope: N/A

Internal Pressure Coefficients: +/- 0.00 (Open Tanks)
 +/- 0.18 (Electrical Bldg., Operations, Line Crew Bldg.)
 +/- 0.56 (Chemical Feed Bldg.)

COMPONENT & CLADDING PRESSURE

GABLE ROOF			
ZONE	EFFECTIVE AREA (SF)	WIND PRESSURE (PSF)	
		POSITIVE	NEGATIVE
1	10	26.20	-45.40
	20	25.68	-44.49
	50	25.15	-43.58
	100	24.63	-42.68
2	10	26.20	-76.20
	20	25.68	-73.53
	50	25.15	-70.10
	100	24.63	-67.06
3	10	26.20	-114.60
	20	25.68	-110.59
	50	25.15	-105.43
	100	24.63	-100.85
4	10	45.40	-49.20
	20	42.90	-47.48
	50	39.95	-45.26
	100	37.46	-43.30
5	10	41.50	-76.20
	20	39.22	-70.49
	50	36.52	-62.87
	100	34.24	-58.29
5	10	29.05	-45.72
	20	29.05	-45.72
	50	29.05	-45.72
	100	29.05	-45.72



TPN
DESIGNER
RBS
DRAWN
JRS
PROJECT MANAGER
DATE 12/16/20
1 INCH

MITTALJER & ASSOCIATES, INC.
CONSULTING ENGINEERS
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TEL. (904) 278-0030 FAX. (904) 278-0840

CITY OF GREEN COVE SPRINGS
 DEP SRF Harbor Road WRF Expansion Phase 2
 Line Crew Building - Elevations & Schedule
 Clay County, Florida

JOB NO.
8905-56-1
SHEET NO.
D16.3

**CITY OF GREEN COVE SPRINGS, FLORIDA
STAFF REPORT
FOR MEETING OF AUGUST 21, 2018**



SUBJECT: City Council review and approval of a Master Site Development Plan for the renovation and expansion of the Harbor Road Water and Wastewater Treatment Facility located at 1277 Harbor Road

BACKGROUND:

APPLICANT: Jason Shepler, P.E.
580-1 Wells Road
Orange Park, FL 32073

OWNER: City of Green Cove Springs
321 Walnut Street
Green Cove Springs, FL 32043

PROPERTY LOCATION: 1277 Harbor Road
Parcel #: 015719-000-00

FILE NO.: 201800434

SURROUNDING LAND USE:

- North – Clay County Property – Enterprise Way Industrial Park
- South – PUD & Clay County Property – Gator Bay Subdivision
- East – C-2 General Commercial – Railroad Tracks and Magnolia Layne Shopping Center
- West – PUD – Magnolia Point Subdivision

DEVELOPMENT DESCRIPTION:

Mr. Shepler has submitted, on behalf of the City of Green Cove Springs, a Site Development Plan Application for the renovation and expansion of the Harbor Road WWTF located at 1277 Harbor Road.

- Development Type- Major Development, as per Section 90-304.
- Site –19.246 acres
- Existing Buildings total 9,197 s.f., 700 for office space, 963 for garage space, and 7,534 for warehouse storage – per Property Appraiser
- Existing buildings to be demolished: 5,618 s.f. Existing roads to be demolished: 16,535 s.f. Existing sidewalks/slabs to be demolished: 18,470 s.f.
- Existing buildings to remain: 7,469 s.f. Existing roads to remain: 11,282 s.f. Existing

sidewalks/slabs to remain: 2,168 s.f.

- Proposed buildings: 10,172 s.f. Proposed roads: 36,656 s.f.. Proposed sidewalk/slabs: 2,801 s.f.
- Parking currently provided: 7 spaces (6 regular and 1 ADA)
- Minimum Setbacks: Front – 20 feet; Rear – 10 feet; Side – None, except 15 feet on corner lots

This site has housed the City's Harbor Road Wastewater Treatment Facility (HRWWTF) since 1965. The original treatment system consisted of four (4) round concrete tanks and four (4) sludge drying beds. In 1986, this system was replaced by a "package plant" which consists of one large round concrete tank to house the process. At that time, the original components remained in use and were incorporated into the new process. Reclaimed water improvements were constructed in 2001 which allowed the plant to discharge reclaimed water for irrigation to the Magnolia Point Golf Course until such time as other customers come online.

This site also houses the City's Harbor Road Water Treatment Plant (HRWTP) which was originally constructed in 1965. A new water plant was constructed in 2010 and houses the new WTP equipment.

Also on this parcel is the City's Electric Department compound. The main building was constructed in 1965. This compound acts as the base of operations for the City's electric department. This parcel also contains the City's Harbor Road Substation. This substation provides 13kV power to homes and businesses north of Harbor Road.

The proposed site plan eliminates the wastewater infrastructure on this parcel and replaces it with all new infrastructure. The water infrastructure will remain as it exists today, with the addition of another ground storage tank in the near future. The Harbor Road Substation will remain. Buildout of this site does contemplate the relocation of the Electric Department compound to another location at a future date. This site plan also involves modifications to site access controls as needed.

The proposed site plan contains a large vegetative buffer on the south edge of the property, which abuts the Gator Bay Subdivision. This subdivision is located in the County, outside of the City's corporate limits. Most of the residents in this area receive water and electric service from the City. The rest are either served by private wells or Clay Electric, respectively. All residents in this area have on-site septic systems. The buffer includes a sixteen-foot-wide earthen berm with multiple layers of landscaping. The berm starts at ground level near the south property line and rises to a height of four (4) feet. The high side of the berm rests against a sheet pile wall which will be covered with eight (8) foot high wooden privacy fence panels. The overall buffer is twelve (12) feet high and is 100% opaque.

The north property line abuts Harbor Road with an industrial park on the other side. There is an existing berm along the north property line which will remain. At such time as the Electric Department operations are relocated and the building demolished, the berm will be extended

along Harbor Road. The east property line is bounded by the CSX railroad with the Magnolia Layne Shopping Center on the other side of the tracks. The west property line faces the entrance to Magnolia Point. This westerly 350 feet (approximately 4.5 acres) will remain unchanged.

FISCAL IMPACT/FUNDING SOURCE: N/A

RECOMMENDATION: Staff recommends approval of 201800434, a Master Site Development Plan for the renovation and expansion of the Harbor Road Water and Wastewater Treatment Facility located at 1277 Harbor Road with the following conditions:

1. All comments generated by City Departments must be addressed prior to issuance of building permit.

MOTION: Staff recommends approval of 201800434, a Master Site Development Plan for the renovation and expansion of the Harbor Road Water and Wastewater Treatment Facility located at 1277 Harbor Road with the following conditions:

1. All comments generated by City Departments must be addressed prior to issuance of building permit.

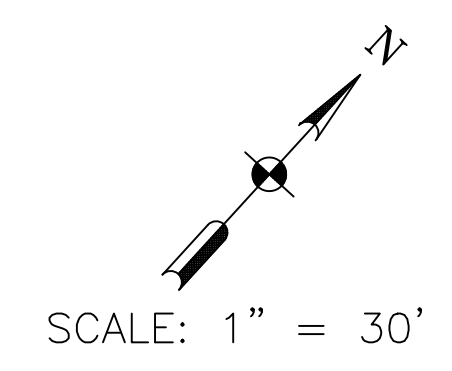
Created/Initiated By: Heather Glisson, Service Rep on 08/16/2018 11:17 AM

Final Approval By: Danielle J. Judd, City Manager on 08/16/2018 01:38: PM



LEGEND

- EXISTING STRUCTURE/ BUILDING (TO REMAIN)
- PHASE I CONSTRUCTION
- PHASE II CONSTRUCTION
- PHASE III CONSTRUCTION
- PHASE IV CONSTRUCTION



	NO.	DATE	BY	REVISION DESCRIPTION

DESC	DRWN	KDH	JRS	DATE	7/20/18

1 INCH

MITTAUER & ASSOCIATES, INC.
CONSULTING ENGINEERS

580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
TEL. (904) 278-0030 FAX. (904) 278-0840

CITY OF GREEN COVE SPRINGS
DEP. SRF Harbor Road WWT
Construction Phasing Plan
Clay County, Florida

JOB NO. 8905-34-1	SHEET NO. 1
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DEP SRF HARBOR ROAD WWTF EXPANSION

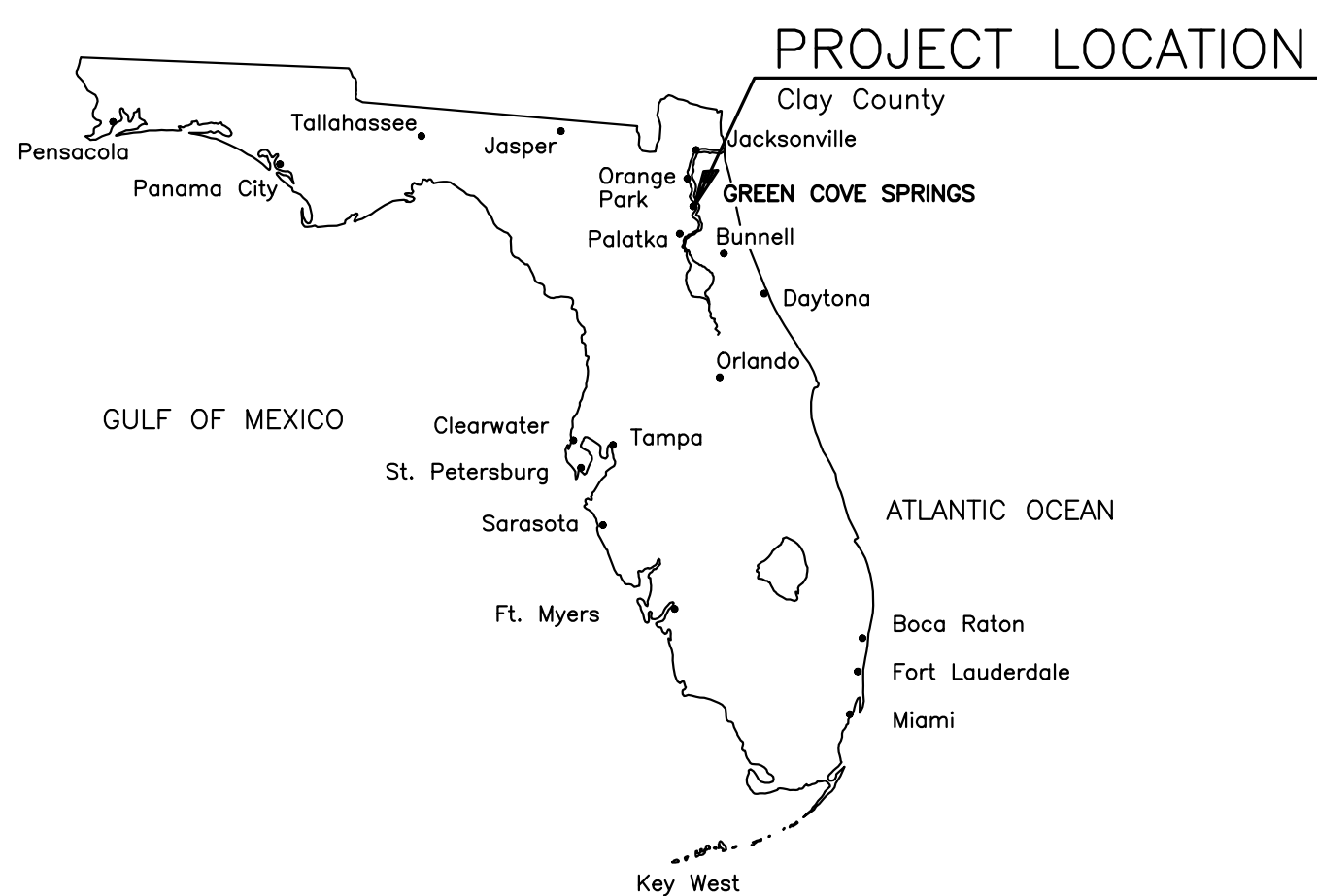
FOR

CITY OF GREEN COVE SPRINGS, FLORIDA

M & A Project No. 8905-34-1

D R A W I N G I N D E X

SHEET No.	SHEET TITLE	SHEET No.	SHEET TITLE
G1	COVER SHEET	E1	ELECTRICAL - LEGEND, LUMINAIRE SCHEDULES & CALCULATIONS
G2	GENERAL NOTES, LEGEND & ABBREVIATIONS	E2	ELECTRICAL - CONDUIT AND CABLE SCHEDULE
C1.1	EXISTING CONDITIONS & DEMOLITION PLAN	E3	ELECTRICAL - PANEL SCHEDULES
C1.2	SITE MASTER PLAN	E4A	ELECTRICAL - 23KV ONE-LINE DIAGRAM
C1.3	SITE PLAN - HORIZONTAL CONTROL	E4B	ELECTRICAL - 480V ONE-LINE DIAGRAM
C1.4	GRADING & DRAINAGE PLAN	ESA	ELECTRICAL - MCC BUCKET WIRING DIAGRAMS
C1.5	YARD PIPING PLAN	ESB	ELECTRICAL - MCC BUCKET WIRING DIAGRAMS
C2.1	SITE DETAILS	E6	ELECTRICAL - EXISTING CONDITIONS SITE PLAN
C2.2	SITE DETAILS	E7A	ELECTRICAL - NEW WORK SITE PLAN - WEST
C2.3	GRADING & DRAINAGE DETAILS	E7B	ELECTRICAL - NEW WORK SITE PLAN - EAST
C2.4	GRAVITY WALL - PLAN, SECTION & DETAILS	E8	ELECTRICAL - ELECTRICAL DETAILS
D1	PROCESS FLOW SCHEMATIC - HYDRAULIC PROFILE	EC1	ELECTRICAL - CONTROLS LEGEND & CABLE SCHEDULE
D2.1	INFLUENT STRUCTURE - UPPER & LOWER MECHANICAL PLAN	EC2	ELECTRICAL - INSTRUMENT SCHEMATIC
D2.2	INFLUENT STRUCTURE - MECHANICAL SECTIONS	EC3	ELECTRICAL - SCADA SCHEMATIC
D2.3	INFLUENT STRUCTURE - MECHANICAL SECTIONS	EC4	ELECTRICAL - MASTER CONTROLLER PLC & BOM
D2.4	INFLUENT STRUCTURE - MECHANICAL SECTIONS	EC5	ELECTRICAL - I/O DIAGRAMS
D2.5	INFLUENT STRUCTURE - STRUCTURAL PLANS	EC6	ELECTRICAL - FIBER SCHEMATIC
D2.6	INFLUENT STRUCTURE - UPPER & LOWER STRUCTURAL SECTIONS	ED2.1	ELECTRICAL - INFLUENT
D2.7	INFLUENT STRUCTURE - STRUCTURAL SECTIONS	ED2.2	ELECTRICAL - INFLUENT
D2.8	INFLUENT STRUCTURE - ELEVATIONS	ED3.1	ELECTRICAL - OXIDATION DITCH
D2.9	INFLUENT STRUCTURE - STAIRS	ED4.1	ELECTRICAL - CLARIFIER FLOW SPLITTER
D3.1	OXIDATION DITCH - PLAN & ELEVATION	ED4.4	ELECTRICAL - CLARIFIER FLOW SPLITTER ACCESS STAIRS
D3.2	OXIDATION DITCH - MECHANICAL DETAILS	ED5.1	ELECTRICAL - CLARIFIERS NO. 1 & 2
D3.3	OXIDATION DITCH - MECHANICAL & DETAILS	ED5.5	ELECTRICAL - CLARIFIERS ACCESS STAIR
D3.4	OXIDATION DITCH - STRUCTURAL SECTIONS & DETAILS	ED6.1	ELECTRICAL - RAS/WAS PUMPS
D3.5	OXIDATION DITCH - STRUCTURAL SECTIONS & DETAILS	ED7.1	ELECTRICAL - FILTERS PLAN
D3.6	OXIDATION DITCH - STRUCTURAL SECTIONS & DETAILS	ED7.2	ELECTRICAL - FILTERS PLAN
D3.7	OXIDATION DITCH - STAIRS	ED8.1	ELECTRICAL - CHLORINE CONTACT CHAMBER PLAN
D4.1	CLARIFIER FLOW SPLITTER - PLANS & SECTIONS	ED9.1	ELECTRICAL - 1.25 MG RECLAIMED WATER STORAGE TANK
D4.2	CLARIFIER FLOW SPLITTER - SECTIONS & DETAILS	ED10.0	ELECTRICAL - REUSE PUMPING STATION PLAN
D4.3	CLARIFIER FLOW SPLITTER - STRUCTURAL PLANS & SECTIONS	ED11.1	ELECTRICAL - CHEMICAL FEED & STORAGE FACILITIES PLAN
D4.4	CLARIFIER FLOW SPLITTER - STRUCTURAL SECTIONS & DETAILS	ED14.1	ELECTRICAL - OPERATIONS BUILDING FLOOR PLAN
D4.5	CLARIFIER FLOW SPLITTER - STAIRS & WALKWAY	ED14.2	ELECTRICAL - ENLARGED ELEC MCC BUILDING
D5.1	CLARIFIERS - MECHANICAL PLAN	ES1A	ELECTRICAL - CAMERA LOCATIONS SITE PLAN - WEST
D5.2	CLARIFIERS - MECHANICAL PLAN & SECTION	ES1B	ELECTRICAL - CAMERA LOCATIONS SITE PLAN - EAST
D5.3	CLARIFIERS - SECTIONS & DETAILS		
D5.4	CLARIFIERS - SECTIONS & DETAILS		
D5.5	CLARIFIERS - STAIRS & WALKWAY		
D6.1	RAS/WAS PUMPS - PLAN & SECTION		
D7.1	FILTERS - PLAN		
D7.2	FILTERS - SECTIONS & DETAILS		
D7.3	FILTERS - STRUCTURAL PLAN		
D7.4	FILTERS - STRUCTURAL SECTIONS		
D8.1	CHLORINE CONTACT CHAMBER - PLAN		
D8.2	CHLORINE CONTACT CHAMBER - SECTIONS		
D8.3	CHLORINE CONTACT CHAMBER - SECTIONS & DETAILS		
D9.1	RECLAIMED WATER STORAGE TANK - PLAN		
D9.2	RECLAIMED WATER STORAGE TANK - SECTIONS & DETAILS		
D9.3	RECLAIMED WATER STORAGE TANK - SECTIONS & DETAILS		
D10.1	REUSE PUMPING STATION - PLAN		
D10.2	REUSE PUMPING STATION - SECTIONS & DETAILS		
D10.3	REUSE PUMPING STATION - BUILDING		
D11.1	CHEMICAL FEED & STORAGE FACILITIES - PLAN		
D11.2	CHEMICAL FEED & STORAGE FACILITIES - ELEVATIONS		
D11.3	CHEMICAL FEED & STORAGE FACILITIES - FOUNDATION PLAN & ROOF ELEVATION PLAN		
D11.4	CHEMICAL FEED & STORAGE FACILITIES - SECTIONS & DETAILS		
D11.5	CHEMICAL FEED & STORAGE FACILITIES - SECTIONS & DETAILS		
D12.1	IN-PLANT PUMP STATION - PLAN & DETAIL		
D13.1	AEROBIC DIGESTER No. 1 & 2 - DEMOLITION		
D13.2	AEROBIC DIGESTER No. 1 & 2 - MODIFICATIONS		
D13.3	AEROBIC DIGESTERS - SECTIONS & DETAILS		
D14.1	OPERATIONS BUILDING - FLOOR PLAN		
D14.2	OPERATIONS BUILDING - ELEVATIONS		
D14.3	OPERATIONS BUILDING - FOUNDATION & ROOF PLANS		
D14.4	OPERATIONS BUILDING - SECTIONS & DETAILS		
D14.5	OPERATIONS BUILDING - STRUCTURAL DETAILS		
D14.6	OPERATIONS BUILDING - LIFE SAFETY, REFLECTED CEILING		
D14.7	OPERATIONS BUILDING - PLUMBING PLAN - NOTES, DETAILS & SCHEDULE		
D14.8	OPERATIONS BUILDING - MECHANICAL PLAN		
D15.1	MISCELLANEOUS DETAILS - YARD PIPING DETAILS		
D15.2	MISCELLANEOUS DETAILS - MECHANICAL & STRUCTURAL DETAILS		
D15.3	MISCELLANEOUS DETAILS - STRUCTURAL DETAILS		
D16.1	ELECTRICAL BUILDING AND GENERATOR		



CONSTANCE BUTLER
MAYOR

STEVEN KELLEY
VICE MAYOR

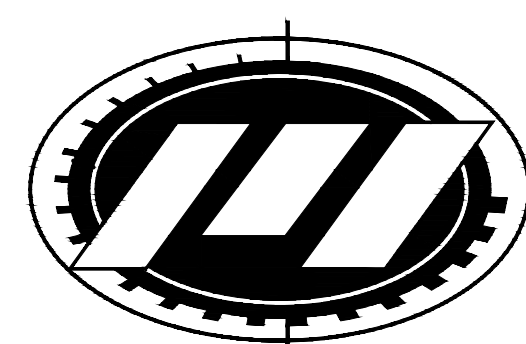
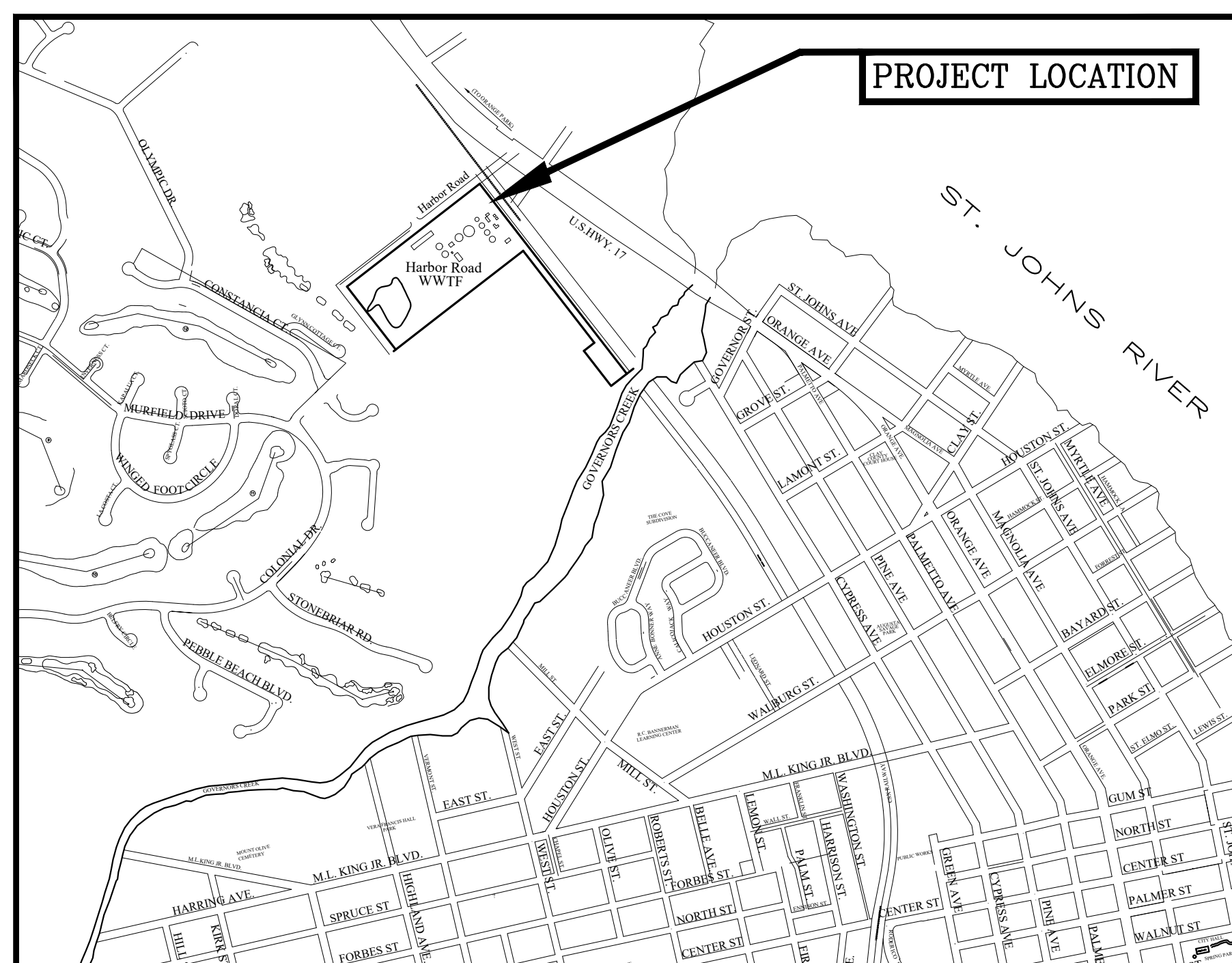
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JULY, 2018

SITE PLAN REVIEW
NOT FOR CONSTRUCTION

GENERAL NOTES

A. GENERAL CONSTRUCTION NOTES

1. Existing underground utilities have been shown from the best available information. Contractor shall determine the location, size, and depth of all existing utilities. Contractor shall provide complete piping system including all fittings necessary to interconnect piping systems and to avoid conflicts with existing and proposed pipes/structures.

2. It shall be the sole responsibility of the Contractor to locate and avoid all utilities, structures and obstructions both above and below the ground surface. All damages resulting from the Contractor's failure to comply with this requirement shall be repaired at the Contractor's expense.

3. Contractor is responsible for supporting/protecting all existing improvements (i.e., utilities, utility poles, structures, pavement, sidewalks, monitoring wells, foundations, etc.) which may be damaged/undermined as a result of his operations. Contractor may be required to shore, sheet, brace, or support work to protect existing improvements. All costs associated with supporting/protecting existing improvements shall be borne by the Contractor.

4. All existing facilities (e.g., pipes, roadways, sidewalks, landscaping, structures, etc.) not indicated to be disturbed/restored which are disturbed/damaged as a result of Contractor's operations shall be restored to a condition equal to or better than that which existed prior to construction, at Contractor's expense.

5. Horizontal and vertical controls are subject to adjustments in the field if necessary to avoid utility conflicts upon approval of the Engineer or his representative. Contractor shall not adjust location of pipe or other facilities (either vertically or horizontally) without approval of Engineer or his representative.

6. Contractor shall provide constant slope between indicated pipe invert elevations unless otherwise directed by Engineer.

7. All pipe shall be properly restrained using mechanical type joint restrainers (see specifications). No thrust blocking will be allowed unless specifically indicated on drawings or directed by Engineer. All exposed piping 3" in diameter and smaller shall be properly wrapped with foam insulation to prevent freezing.

8. All pipe shall have the following minimum cover unless otherwise directed by Engineer:

Pipe Type	Minimum Cover
PVC (≤ 3-inch)	30-inches
PVC (> 3-inch)	36-inches
DIP (All Sizes)	30-inches
Steel (All Sizes)	30-inches

9. All aboveground piping shall be properly supported and/or secured to tanks, buildings, or other structures using 3/16 S.S. straps and fasteners.

10. Contractor shall be responsible for maintaining service to the existing treatment plant facilities. He shall perform all bypass pumping necessary to keep the plant operating properly during construction. He shall coordinate all diversions of flow, draining of tanks, demolition of existing facilities, etc. closely with Owner to avoid potential treatment violations and operating problems. Contractor may be required to perform some work during low demand hours (e.g. 12:00 a.m. to 5:00 a.m.). All arrangements for bypass pumping, diversion of flow, draining of tanks, demolition, etc. shall be subject to approval of Owner and Engineer. All costs associated with bypass pumping and other temporary facilities shall be borne by the Contractor.

11. Contractor shall provide all fill required to achieve proposed grades at his expense.

12. During any construction activity, including stabilization and revegetation of disturbed surfaces, the Contractor is responsible for the selection, implementation, and operation of all erosion and sediment control measures required to retain sediment on-site and prevent violations of the water quality standards in Chapters 62-3 and 62-4, FAC. The Contractor is encouraged to use appropriate Best Management Practices described in the Florida Land Development Manual: A Guide to Sound Land and Water Management (DER, 1988).

13. All grassed areas disturbed by construction shall be resodded unless otherwise directed by Engineer or his representative.

14. The Contractor shall employ a land surveyor, registered in the State of Florida to reference and restore property corners and land markers which may be disturbed as a result of Contractor's operations.

15. The Contractor shall be responsible for laying out the work and for establishing project temporary bench marks; elevation lines and grades; and right-of-way and property boundary limits for construction.

16. Owner has the option of claiming any equipment/materials identified for removal by the Contractor. Contractor shall deliver any removed equipment/materials claimed by Owner to an onsite location as directed by Owner. Any equipment/materials identified for removal which are not claimed by the Owner shall become the property of the Contractor and shall be disposed of by the Contractor at his expense.

17. Project Benchmark Location: See Sheet No.

B. GENERAL STRUCTURAL NOTES

1. All construction shall be in accordance with the local Building & Zoning Department requirements and the 2017 Florida Building Code with all Revisions. All design shall be in accordance with the 2017 Florida Building with all Revisions, ACI318, ACI350 and ASCE 7-16.

Live Loads (minimum):		
Roofs & Canopies	-	20 psf
Storage Spaces	-	150 psf
Stairs & Walkways	-	100 psf

Dead Loads: Actual Material Weights

Geotechnical: Design Load Bearing Value of Soil - 2,000 psf

Flood Zone: X; Map No. 12019C0170E

Windload Design Criteria

Items per Florida Building Code Section 1603.1.4:

Basic Wind Speed: (Vult) = 134 MPH
(Vasd) = 104 MPH

Building Risk Category: IV
Wind Exposure Category: C

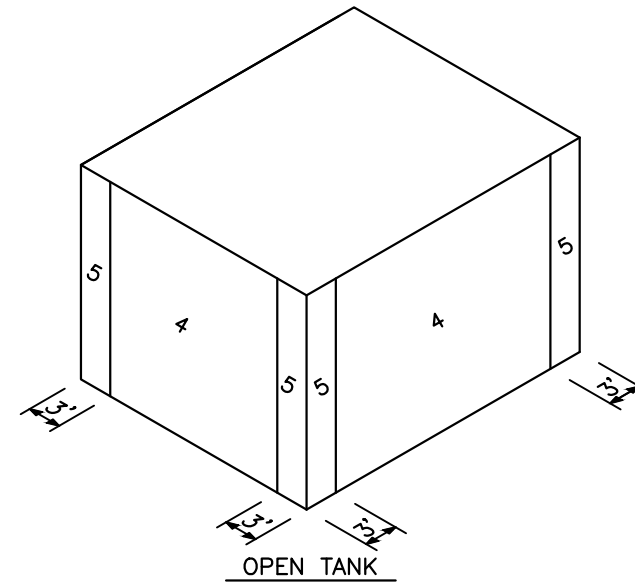
Mean Roof Height: N/A
Roof Slope: N/A

Internal Pressure Coefficients: +/- 0.00 (open tanks)
+/- 0.18 (electrical bldg., operations bldg.)
+/- 0.56 (chemical feed bldg.)

B. GENERAL STRUCTURAL NOTES (continued)

COMPONENT & CLADDING PRESSURE

ZONE	EFFECTIVE AREA (SF)	WIND PRESSURE (PSF)	
		POSITIVE	NEGATIVE
1	10	N/A	-52.4
	20	34.6	-49.0
	50	44.2	-43.3
2	10	N/A	-82.3
	20	31.6	-77.8
	50	31.6	-75.5
3	10	N/A	-112.1
	20	35.8	-105.9
	50	33.2	-98.7
4	10	35.8	-35.8
	20	33.0	-33.0
	50	31.6	-31.6
5	10	27.4	-27.4
	20	27.4	-27.4
	50	21.5	-21.5



2. All structural concrete shall have a min. compressive strength of 4,000 psi after 28 days unless otherwise noted.

3. All reinforcing steel shall conform to ASTM A615 Grade 60, except bars to be welded shall conform to ASTM A706.

4. For size and location of embedded items and openings, the Contractor must refer to mechanical, structural, piping and vendors drawings.

5. Equipment anchor bolts and rods shall be set from templates made to fit holes in equipment according to approved manufacturers shop drawings.

6. Contractor shall verify all dimensions and existing conditions at the site before proceeding with construction.

7. Unless otherwise shown on drawings, min. cover for reinforcing steel shall be as follows:
Concrete Cast Against Earth - 3"
Slabs on Grade - Centered
All Other - 2"
Note: 6 mil polyethylene membrane required under all building base slabs.

8. All reinforcing shall be fabricated and held securely in position with standard accessories in accordance with ACI 315 "Details and Detailing Concrete Reinforcement", latest edition.

9. Splices in reinforcing, where permitted, shall be as noted, or as follows:

- 9.1. Welded Wire Fabric - Two Mesh or 12" (min.)
- 9.2. Temperature Reinforcing - 44 bar diameters but not less than 12"
- 9.3. All Other Bars - Class "B" lap.
- 9.3.1. For Top Bars (12" or more concrete below steel) multiply table lengths by 1.3
- 9.3.2. For lightweight concrete multiply table lengths by 1.3.

Bar Size	Class B Lap Length in Inches (Fv=60ksi)		
	fc = 3,000 psi	fc = 4,000 psi	fc = 5,000 psi
#3	22	19	17
#4	29	25	23
#5	36	31	28
#6	43	38	34
#7	63	54	49
#8	72	62	56
#9	81	70	63

10. Splices in top reinforcing shall be made at midspan, bottom reinforcing at support, or as noted on drawings.

11. Provide 3/4" chamfer on all exposed edges of concrete.

12. Provide 1/2" premolded expansion joint material where slab on grade is cast around columns or against walls.

13. All masonry shall utilize standard precast masonry units and be laid true and plumb.

14. All concrete lintels shall be reinforced with 2-#5 bars top and bottom as a minimum and have a masonry end bearing each end of 2" per foot of span with a minimum of 8."

15. Compaction: unless otherwise noted, the required percentage of maximum compaction shall be as follows: (per modified proctor max. Dry density)
Under Structures and Slabs - 95%
Under Paved Areas (subgrade) - 98%
Under Paved Areas (below 12") - 95%
Landscaped Areas and Other - 90%
Adjacent to Walls and Above Footing - 92%
The more stringent requirement shall govern between any conflict of these compaction requirements & those listed within the specifications.

16. Coating: Apply asphalt liquid coating between different metals and for aluminum set against concrete.

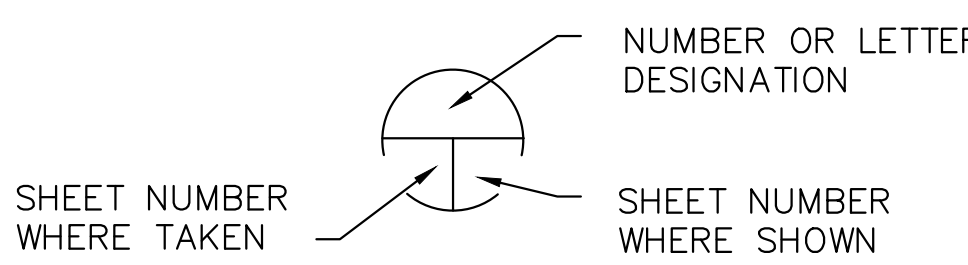
17. The design of all structural concrete for tanks conforms to ACI 350: Code Requirements for Environmental Engineering Structures.

18. Location of construction joints, proposed by the Contractor, shall be submitted to the Engineer for approval prior to initiating any construction or fabrication which could be affected by the location. All construction joints below either the plant liquid or ground level shall incorporate a properly designed and fabricated PVC waterstop.

19. All structural anchoring systems shall be hot-dipped galvanized or 316 S.S. as noted or specified.

LEGEND

PROPOSED	EXISTING	
8"S	8"SAN	SANITARY SEWER
8"FM	4"FM	SANITARY FORCE MAIN
○	MH	SANITARY MANHOLE
○	○	CLEANOUT
8"W	6"W	WATER MAIN
⊗	⊗	VALVE
⊗	⊗	FIRE HYDRANT
⊗	⊗	WATER SERVICE (SIZE VARIES)
⊗	⊗	TELEPHONE PEDESTAL
18"SD	18"SCP	STORM DRAIN PIPE
⊗	⊗	STORM DRAIN INLET/MES
84.00	84.00	GRADE CONTOURS
63.00	63.00	SPOT ELEVATIONS
PP	PP	POWER POLE/ W/ANCHOR
⊗	⊗	WIRING PULL BOX
⊗	⊗	ELECTRICAL METER
⊗	⊗	ELECTRICAL CABINET
⊗	⊗	TRANSFORMER
⊗	⊗	BOLLARD
⊗	⊗	UTILITY POLE, LIGHT POLE
BT	BT	BURIED TELEPHONE
FC	FC	FIBER CABLE
CTV	CTV	CABLE TELEVISION
SWALE	SWALE	SWALE
RIGHT-OF-WAY	RIGHT-OF-WAY	RIGHT-OF-WAY
X-X	X-X	FENCING
⊗	⊗	BUILDING OR STRUCTURE
⊗	⊗	ASPHALT PAVED DRIVE
⊗	⊗	CONCRETE SLAB OR SIDEWALK
⊗	⊗	DEMOLISH, REMOVE & DISPOSE OF
⊗	⊗	LIMITS OF WOODS
⊗	⊗	TREE
⊗	⊗	TEST PIT (SEE S.U.E. REPORT)



DETAIL/SECTION KEY

ABBREVIATIONS

ABBREVIATION	DESCRIPTION	
ABS	ACRYLONITRILE BUTADIENE STYRENE	MANUT
ABV	ABOVE	MAX
ACP	ASBESTOS CEMENT PIPE	MAXIMUM
AFF	ABOVE FINISH FLOOR (REF. ELEV.)	MCC
AFR	ALTERED END SECTION	MES
ALUM	ALUMINUM	MECH
ALT	ALTERNATE	MECHANICAL
APRX	APPROXIMATELY	MFR
ARCH	ARCHITECT(URAL)	MG
ARV	AIR RELEASE VALVE	MGD
ASPH	ASPHALT	MM
ASSY	ASSEMBLY	MIN
ASV	BURIED ELECTRIC	MISC
BF	BOTTOM FACE	MON
BFO	BURIED FIBER OPTIC	MPH
BYV	BUTTERFLY VALVE	MPT
BITUM	BITUMINOUS OR BITUMASTIC	MTD
B	BASELINE	NW
BLDG	BUILDING	N
BLK	BLOCK	NC
BM	BENCH MARK	NE
BOC	BACK OF CURB	NIC
BOT	BOTTOM	NO
BT	BURIED TELEPHONE-CABLE	NOM
BV	BALL VALVE	No
BW	BOTH WAYS	NPT
C, C/ND	CONDUIT	NPW
CAP	CAPACITY	NTS
CATV	CABLE TELEVISION	NW
CCUA	CLAY CLAY UTILITY AUTHORITY	NOT APPLICABLE
CFM	CUBIC FEET PER MINUTE	OA
CFS	CUBIC FEET PER SECOND	OC
CST	CAST IRON	OD
CIP	CAST IRON PIPE, CAST-IN-PLACE	OH
CH	CENTERLINE	OF
CH	CHAIN LINK FENCE	OH
CLF	CLEAR OR CLEARANCE	OHE
CLR	CONCRETE MONUMENT	OPT
CMU	CORRUGATED METAL PIPE	O&M
CNC	CONCRETE MASONRY UNIT	PAVT, PWM
CONC	CONCRETE	PC
CO	CLEAN OUT	PE
CONC	CONCRETE	PI
COORD	COORDINATE	PL
CPVC	CHLORINATED POLYVINYL CHLORIDE	PL
CUL	CULVERT	POB
CHK	CHECK VALVE	PP
CY	CUBIC YARD	PPD
C/C	CENTER TO CENTER	PPM
DOURL	DEMOLITION	PPRES
DEMO	DEMOLITION	PRV
DI	DUCTILE IRON	PS
DIA	DIAMETER	PSF
DIM	DIMENSION	PSI
DOT	DEPARTMENT OF TRANSPORTATION	PSIA
DR	DRAIN	PSIG
DRW	DRAWING	PT
DWG	DRAWING	PV
E	EAST	PVC
EACH	EACH	PW
ECC	ECCENTRIC	Q
EF	EACH FACE	R, RAD
EL, ELEV	ELEVATION	R
ELEC	ELECTRIC(AL)	RD
EMER	EMERGENCY	RED
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	REBAR
EQUIP	EQUIPMENT	REF
ESMT	EASEMENT	REIN
ESTIM	ESTIMATE	REIN
EW	EACH WAY	REQD
EXP	EXPANSION	RES
EXT	EXTERIOR	RM
FB	FLAT BAR	RPM
FBR	FLOOR BRAN	RR
FDN	FOUNDATION	RT
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION	R/W
FIN	FINISH FLOOR	RWM
FR	FIRE HYDRANT	R/W
FRG	FIBERGLASS	R/W
FIN	FINISHED	R/W
FIN GR	FINISH GRADE	R/W
FL	FLANGE(D)	R/W
FM	FORCE MAIN	R/W
FS	FEET PER MINUTE	R/W
FPS	FEET PER SECOND	R/W
FFP	FEMALE PIPE THREAD	R/W
FRP	FIBERGLASS REINFORCED PLASTIC	R/W
FT	FOOT OR FEET	R/W
SW	FINISHED WATER	R/W
F/F	FACE TO FACE	R/W
G	GAS MAIN	R/W
GAL	GALLON(S)	R/W
GALV	GALVANIZED	R/W
GIP	GALVANIZED IRON PIPE	R/W
GRD	GROUND	R/W
GPH	GALLONS PER HOUR	R/W
GPM	GALLONS PER MINUTE	R/W
GPS	GALLONS PER SECOND	R/W
GR	GRADE	R/W
GAS	GALVANIZED STEEL PIPE	R/W
GSP	GATE VALVE	R/W
GV	GATE VALVE	R/W
HB	HOSE BIBB	R/W
HDPE	HIGH-DENSITY POLYETHYLENE	R/W
HGT	HEIGHT	R/W
HR	HAND RAIL	R/W
HOA	HAND-OFF-AUTO SWITCH	R/W
HORIZ	HORIZONTAL	R/W
HP	HORSEPOWER	R/W
HR	HOUR	R/W
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	R/W
UG	UNDERGROUND	R/W
UN	UNDERGROUND ELECTRIC	R/W
UTL	UTILITY	R/W
V	VOLT(S)	R/W
VAC	VACUUM	R/W
VAR	VARIABLE	R/W
VCP	VITRIFIED CLAY PIPE	R/W
VEL	VELOCITY	R/W
VERT	VERTICAL	R/W
INVT	INVERT	R/W
IP	IRON PIPE	R/W
IPST	INTERNATIONAL PIPE STANDARD; IRON PIPE SIZE	R/W
JB	JUNCTION BOX	R/W
JOINT	JOINT	R/W
K	KIP(1,000 LB)	R/W
KVA	KILOVOLT-AMPERE	R/W
KW	KILOWATT	R/W
L	LEFT	R/W
LAB	LABORATORY	R/W
LAV	LAVATORY	R/W
LB	POUND	R/W
LP	LINEAR FEET	R/W
LR	LONG RADIUS	R/W
LS	LUMP SUM	R/W
LV	LOW WATER LEVEL	R/W
LWL	LOW WATER LEVEL	R/W

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CITY OF GREEN COVE SPRINGS
DEP. SRF Harbor Road WWT
General Notes, Legend & Abbreviations
Clay County, Florida

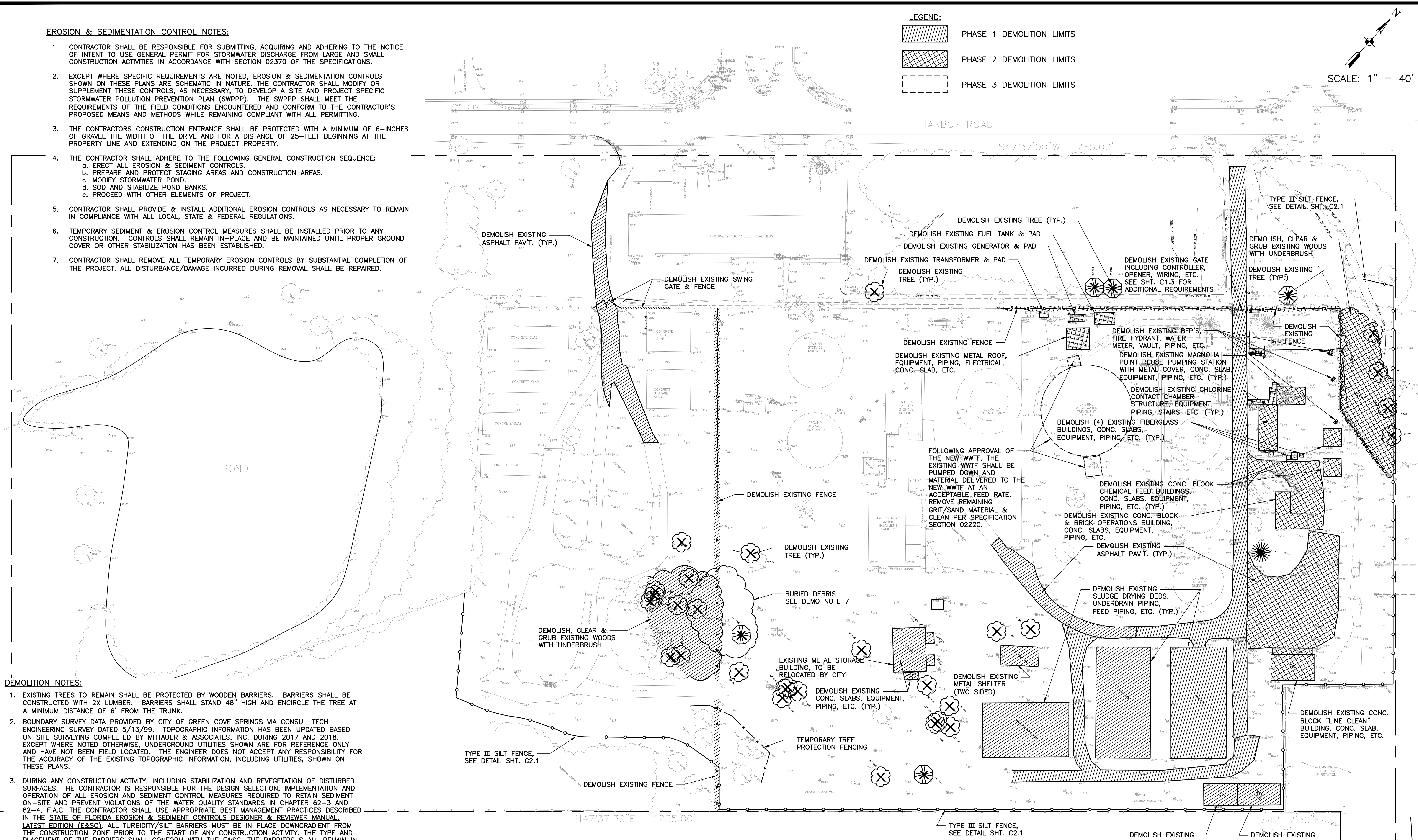
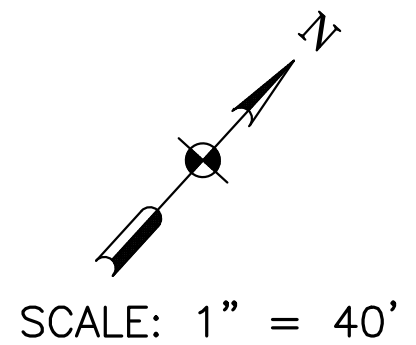
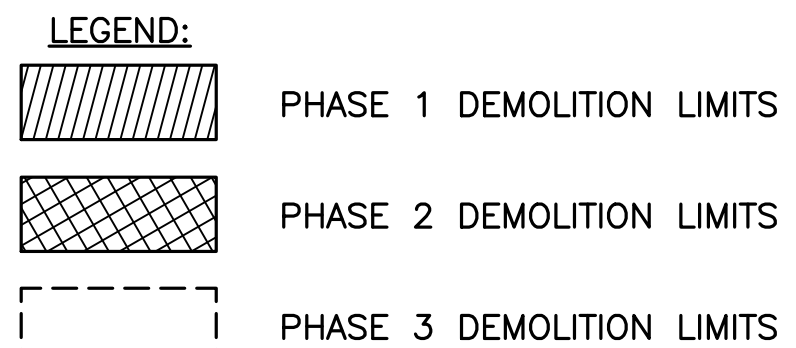
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SITE PLAN REVIEW
NOT FOR CONSTRUCTION
07/25/18

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TELEPHONE	AT&T	2315 GEES MILL BUSINESS PKWY NE CONYERS, GA 30013-1578	(770) 918-5424	NANCY SPENCE
WATER, SEWER & ELECTRIC	CITY OF GREEN COVE SPRINGS	321 WALNUT ST. GREEN COVE SPRINGS, FL 32043	(904) 297-7500	MIKE NULL
OWNER	CITY OF GREEN COVE SPRINGS	321 WALNUT ST. GREEN COVE SPRINGS, FL 32043	(904) 297-7500	MIKE NULL
DESIGN ENGINEER	MITTAUER & ASSOCIATES, INC.	580-1 WELLS ROAD ORANGE PARK, FL 32073	(904) 278-0030	JASON SHEPLER, P.E. TIM NORMAN, P.E.

EROSION & SEDIMENTATION CONTROL NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING, ACQUIRING AND ADHERING TO THE NOTICE OF INTENT TO USE GENERAL PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH SECTION 02370 OF THE SPECIFICATIONS.
2. EXCEPT WHERE SPECIFIC REQUIREMENTS ARE NOTED, EROSION & SEDIMENTATION CONTROLS SHOWN ON THESE PLANS ARE SCHEMATIC IN NATURE. THE CONTRACTOR SHALL MODIFY OR SUPPLEMENT THESE CONTROLS, AS NECESSARY, TO DEVELOP A SITE AND PROJECT SPECIFIC STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP SHALL MEET THE REQUIREMENTS OF THE FIELD CONDITIONS ENCOUNTERED AND CONFORM TO THE CONTRACTOR'S PROPOSED MEANS AND METHODS WHILE REMAINING COMPLIANT WITH ALL PERMITTING.
3. THE CONTRACTORS CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MINIMUM OF 6-INCHES OF GRAVEL THE WIDTH OF THE DRIVE AND FOR A DISTANCE OF 25- FEET BEGINNING AT THE PROPERTY LINE AND EXTENDING ON THE PROJECT PROPERTY.
4. THE CONTRACTOR SHALL ADHERE TO THE FOLLOWING GENERAL CONSTRUCTION SEQUENCE:
 - a. ERECT ALL EROSION & SEDIMENT CONTROLS.
 - b. PREPARE AND PROTECT STAGING AREAS AND CONSTRUCTION AREAS.
 - c. MODIFY STORMWATER POND.
 - d. SOD AND STABILIZE POND BANKS.
 - e. PROCEED WITH OTHER ELEMENTS OF PROJECT.
5. CONTRACTOR SHALL PROVIDE & INSTALL ADDITIONAL EROSION CONTROLS AS NECESSARY TO REMAIN IN COMPLIANCE WITH ALL LOCAL, STATE & FEDERAL REGULATIONS.
6. TEMPORARY SEDIMENT & EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION. CONTROLS SHALL REMAIN IN-PLACE AND BE MAINTAINED UNTIL PROPER GROUND COVER OR OTHER STABILIZATION HAS BEEN ESTABLISHED.
7. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROLS BY SUBSTANTIAL COMPLETION OF THE PROJECT. ALL DISTURBANCE/DAMAGE INCURRED DURING REMOVAL SHALL BE REPAIRED.



DEMOLITION NOTES:

1. EXISTING TREES TO REMAIN SHALL BE PROTECTED BY WOODEN BARRIERS. BARRIERS SHALL BE CONSTRUCTED WITH 2X LUMBER. BARRIERS SHALL STAND 48" HIGH AND ENCIrcLE THE TREE AT A MINIMUM DISTANCE OF 6' FROM THE TRUNK.
2. BOUNDARY SURVEY DATA PROVIDED BY CITY OF GREEN COVE SPRINGS VIA CONSUL-TECH ENGINEERING SURVEY DATED 5/13/99. TOPOGRAPHIC INFORMATION HAS BEEN UPDATED BASED ON SITE SURVEYING COMPLETED BY MITTAUER & ASSOCIATES, INC. DURING 2017 AND 2018. EXCEPT WHERE NOTED OTHERWISE, UNDERGROUND UTILITIES SHOWN ARE FOR REFERENCE ONLY AND HAVE NOT BEEN FIELD LOCATED. THE ENGINEER DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY OF THE EXISTING TOPOGRAPHIC INFORMATION, INCLUDING UTILITIES, SHOWN ON THESE PLANS.
3. DURING ANY CONSTRUCTION ACTIVITY, INCLUDING STABILIZATION AND REVEGETATION OF DISTURBED SURFACES, THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN SELECTION, IMPLEMENTATION AND OPERATION OF ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED TO RETAIN SEDIMENT ON-SITE AND PREVENT VIOLATIONS OF THE WATER QUALITY STANDARDS IN CHAPTER 62-3 AND 62-4, F.A.C. THE CONTRACTOR SHALL USE APPROPRIATE BEST MANAGEMENT PRACTICES DESCRIBED IN THE STATE OF FLORIDA EROSION & SEDIMENT CONTROLS DESIGNER & REVIEWER MANUAL, LATEST EDITION (E&SC). ALL TURBIDITY/SILT BARRIERS MUST BE IN PLACE DOWNGRADIENT FROM THE CONSTRUCTION ZONE PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY. THE TYPE AND PLACEMENT OF THE BARRIERS SHALL CONFORM WITH THE E&SC. THE BARRIERS SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN PROPERLY STABILIZED.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING & INSTALLING ANY PEDESTRIAN AND MOTORIST/ROADWAY TEMPORARY TRAFFIC CONTROL IN ACCORDANCE WITH FDOT STANDARDS AND THE LATEST EDITION OF THE MUTCD.
5. CONTRACTOR SHALL SALVAGE AND STORE EXISTING SIGNS FOR LATER USE. ONLY STRUCTURALLY SOUND AND READABLE SIGNS SHALL BE SALVAGED.
6. SEE YARD PIPING PLAN FOR REMOVAL OF EXISTING UNDERGROUND PIPING AND OTHER PROJECT DEMOLITION REQUIREMENTS.
7. BURIED DEBRIS HAS BEEN IDENTIFIED IN THE SOIL BORING LOGS FOR THIS AREA. THE CONTRACTOR SHALL PERFORM TEST PITS ON A 10' GRID TO IDENTIFY THE LIMITS OF THE DEBRIS. ANY DEBRIS BENEATH A PROPOSED STRUCTURE SHALL BE REMOVED AND REPLACED WITH SUITABLE FILL. THE LIMITS OF DEBRIS REMOVAL SHALL EXTEND 10' BEYOND THE EXTERIOR OF THE STRUCTURE. ALL FILL SHALL BE COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

CONSTRUCTION PHASING REQUIREMENTS:

THE EXISTING WWTF SHALL REMAIN IN SERVICE AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR WILL BE REQUIRED TO SEQUENCE CONSTRUCTION ACTIVITIES TO ENSURE THE CITY CAN MAINTAIN WASTEWATER TREATMENT OPERATIONS. THE CRITICAL SEQUENCING REQUIREMENTS ARE OUTLINED AS FOLLOWS:

1. **PHASE 1 WORK** - CLEAR & GRUB AND DEMOLISH EXISTING DRYING BEDS AND DENOTED STRUCTURES TO CONSTRUCT THE OXIDATION DITCH, CLARIFIER SPLITTER BOX, CLARIFIER Nos. 1 & 2, FILTERS, CHLORINE CONTACT CHAMBER, CHEMICAL FEED FACILITIES, RECLAIMED WATER STORAGE TANK, REUSE PUMPING STATION, ELECTRICAL IMPROVEMENTS, AND ASSOCIATED WORK. THE OPERATIONS BUILDING WITH ASSOCIATED CLEARING & GRASSING SHALL BE COMPLETED WITH TEMPORARY PARKING AREA. THE OPERATIONS BUILDING WITH ALL SCADA, ELECTRICAL AND CONTROL CAPABILITIES SHALL BE COMPLETED PRIOR TO PHASE 2 WORK.

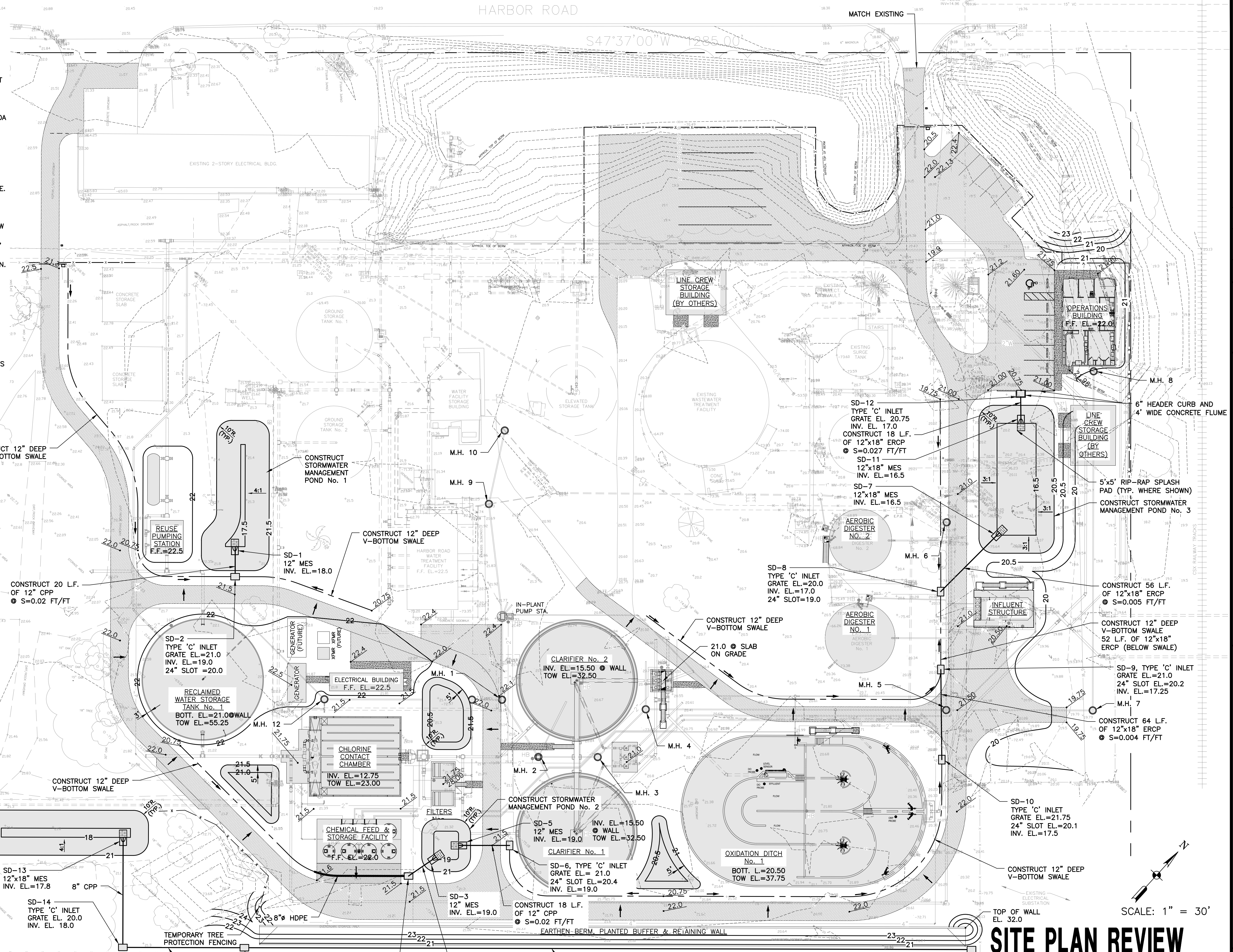
CONSTRUCTION PHASING REQUIREMENTS (CONTINUED):

3. **PHASE 2 WORK** - AFTER THE OPERATIONS BUILDING HAS RECEIVED ITS CERTIFICATE OF OCCUPANCY AND IS FULLY FUNCTIONAL WITH ALL NEW SCADA AND RELOCATED WATER PLANT SCADA COMPONENTS, THE DEMOLITION OF THE EXISTING OPERATIONS BUILDING AND LINE CREW BUILDING CAN OCCUR. THE EXISTING CHLORINE CONTACT CHAMBER & CHEMICAL FEED FACILITIES CAN ONLY BE DEMOLISHED AFTER THE NEW WWTF IS IN OPERATION AND ACCEPTED BY THE FDEP, OWNER & ENGINEER.
4. **PHASE 3 WORK** - AFTER THE NEW WWTF IS APPROVED FOR OPERATION, THE DECOMMISSIONING OF THE EXISTING WWTF CAN BEGIN AND BE COMPLETED PER SPECIFICATION SECTION 02220.

SITE PLAN REVIEW
NOT FOR CONSTRUCTION
 07/25/18

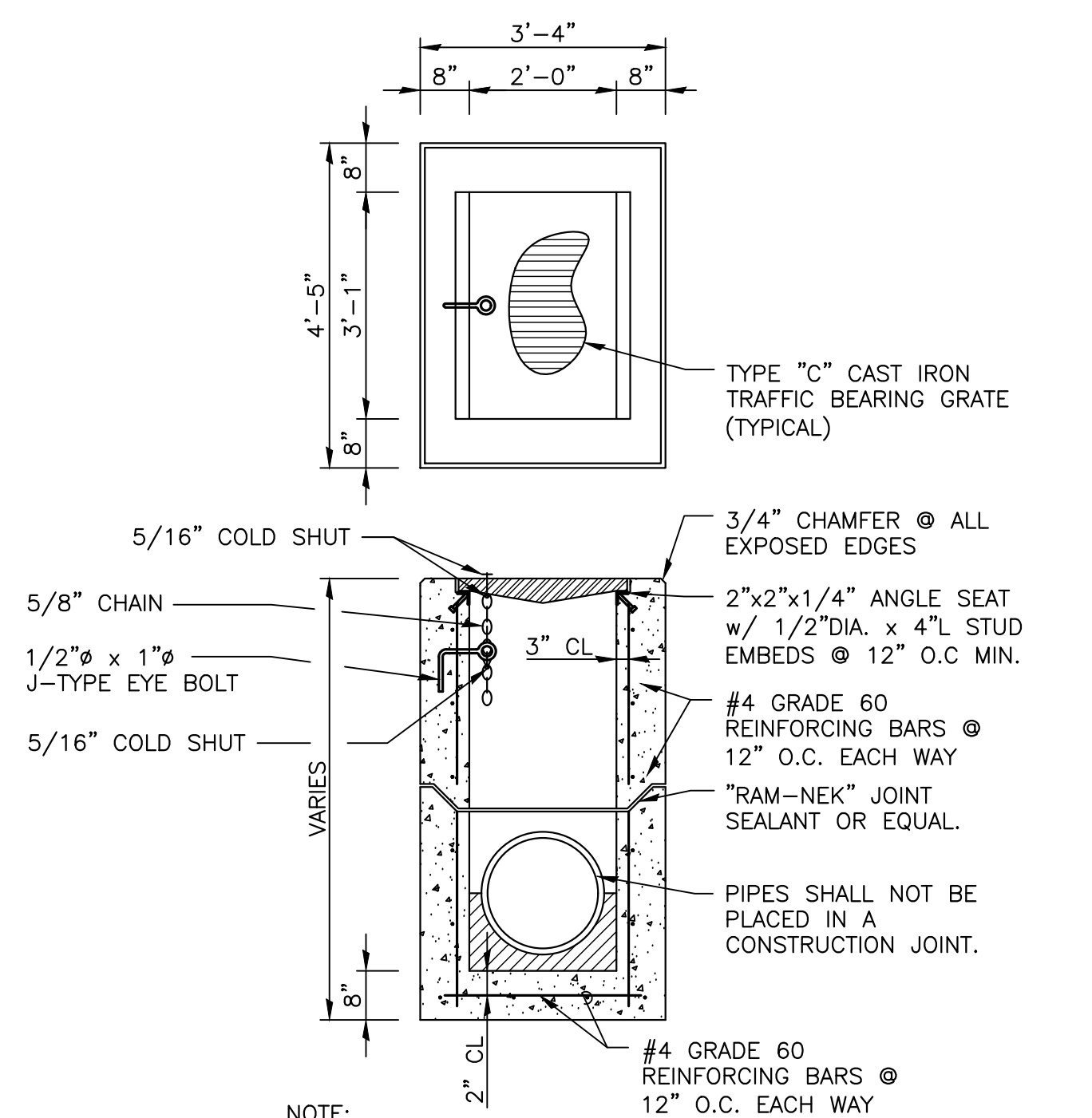
<p>MITTAUER & ASSOCIATES, INC. CONSULTING ENGINEERS</p> <p>580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073 TEL. (904) 278-0030 FAX. (904) 278-0840</p>		REVISION DESCRIPTION NO. DATE BY 1 7/25/18 JRS 1 INCH
CITY OF GREEN COVE SPRINGS DEP. SRF Harbor Road WWTF Existing Conditions & Demolition Plan Clay County, Florida		JOB NO. 8905-34-1 SHEET NO. C1.1

- NOTES:**
- PIPE LENGTHS ARE MEASURED ON THE HORIZONTAL PLANE CENTER TO CENTER OF INLET OR MANHOLE AND DO NOT INCLUDE MITERED END SECTIONS IF APPLICABLE. CONTRACTOR SHALL PROVIDE AND INSTALL THE LENGTH REQUIRED.
 - DURING CONSTRUCTION, THE CONTRACTOR SHALL CONSTRUCT EROSION & SEDIMENT INLET PROTECTION AT ALL EXISTING & PROPOSED STORM DRAIN INLETS, SEE DETAIL, SHT. C2.1.
 - ALL SIDEWALKS ARE CONSIDERED HANDICAP ACCESSIBLE ROUTES AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN AND SLOPES SHALL NOT EXCEED THE FOLLOWING:
 - DIRECTION OF TRAVEL (LENGTH OF SIDEWALK) = 5% MAX.
 - CROSS SLOPE = 2% MAX.
 - RAMP = 1:12 MAX.
 SEE DETAIL SHT. C2.1.
 - ALL SIDEWALKS FLUSH WITH PAVEMENT SHALL RECEIVE A CONTINUOUS 24" WIDE STRIP OF DETECTABLE WARNING TEXTURE.
 - ALL CURB & GUTTERS ARE FRONT-DISCHARGE WHERE PAVEMENTS SLOPE DOWN & AWAY FROM GUTTERS.
 - CONTRACTOR SHALL VERTICALLY ADJUST ALL EXISTING & NEW VALVE BOXES, MANHOLE FRAMES & COVERS, JUNCTION BOXES, PULL BOXES, ETC., WHERE REQUIRED DUE TO GRADE CHANGES, SO THEY ARE LOCATED FLUSH WITH FINISHED GRADE/SURFACE.
 - SEE DETAIL SHT. C2.3 FOR DETAIL OF MITERED END SECTION.
 - SEE DETAIL SHT. C2.3 FOR DETAIL OF IN-LINE DRAIN.
 - SEE DETAIL SHT. C2.3 FOR DETAIL OF TYPE 'C' INLET.
 - SEE DETAIL SHT. C2.3 FOR TYPE 'E' INLET STRUCTURES.
 - MANHOLES SHALL CONFORM TO DETAIL SHT. D12.2.
 - CONTRACTOR SHALL PROVIDE CONSTANT SLOPE BETWEEN ADJACENT SPOT ELEVATIONS.
 - UNLESS OTHERWISE NOTED GRADES AT ALL PROPERTY LINES SHALL REMAIN UNCHANGED. CONTRACTOR SHALL PROVIDE A CONSTANT SLOPE BETWEEN EXISTING PROPERTY LINE GRADES AND NEAREST PROPOSED SPOT ELEVATIONS.



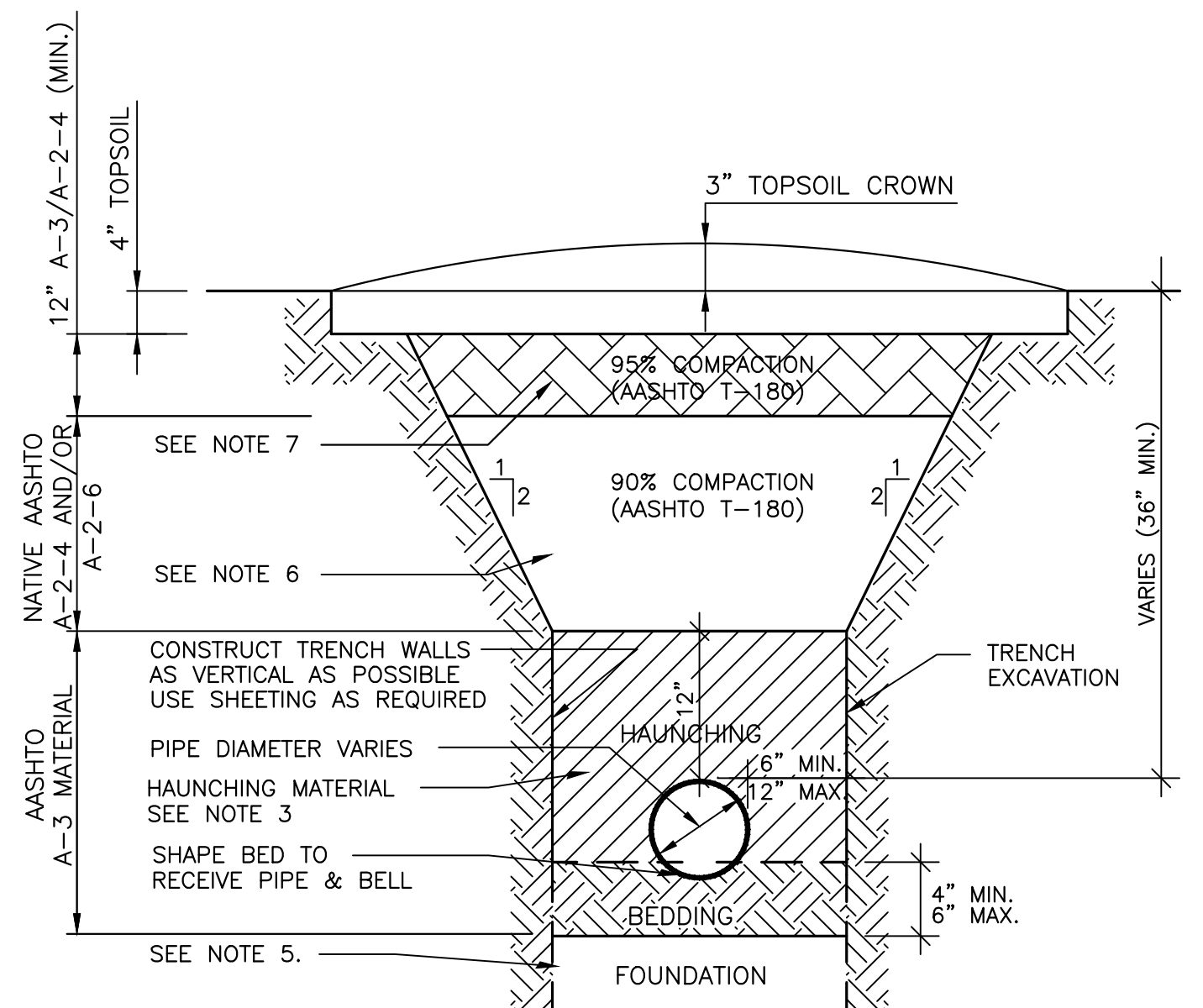
SITE PLAN REVIEW
NOT FOR CONSTRUCTION
 07/25/18

<p>MITTALNER & ASSOCIATES, INC. CONSULTING ENGINEERS</p>	
<p>DESIGNER: MPT DRAWN: KDH PROJECT MGR: JRS</p>	<p>DATE: 7/25/18 SCALE: 1" = 30'</p>
<p>580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073 TEL. (904) 278-0030</p>	<p>REVISION DESCRIPTION NO. DATE BY</p>
<p>CITY OF GREEN COVE SPRINGS DEP. SRF Harbor Road WWT Grading & Drainage Plan Clay County, Florida</p>	
<p>JOB NO. 8905-34-1 SHEET NO. C1.4</p>	



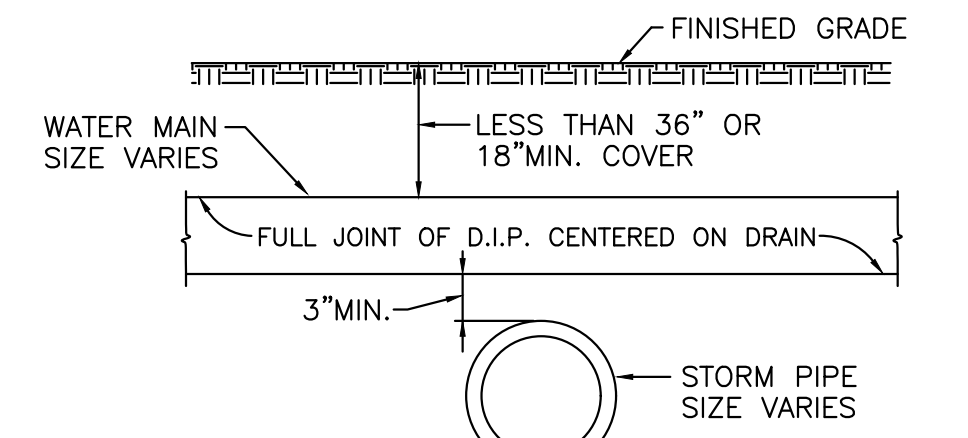
- NOTE:**
1. CONCRETE SHALL HAVE A MINIMUM DESIGN STRENGTH OF 4,000 PSI.
 2. MIN. SOIL BEARING CAPACITY OF 2,000 PSF
 3. GRATE DESIGN FLOW RATE 5 CFS (50% CLOGGED)
 4. STRUCTURE SHALL MEET ALL STANDARDS FOR AN FDOT TYPE "C" INLET.
 5. MAXIMUM PIPE SIZES:
2'-0" WALL - 18" PIPE
3'-1" WALL - 24" PIPE

TYPICAL TYPE "C" INLET STRUCTURE
NTS



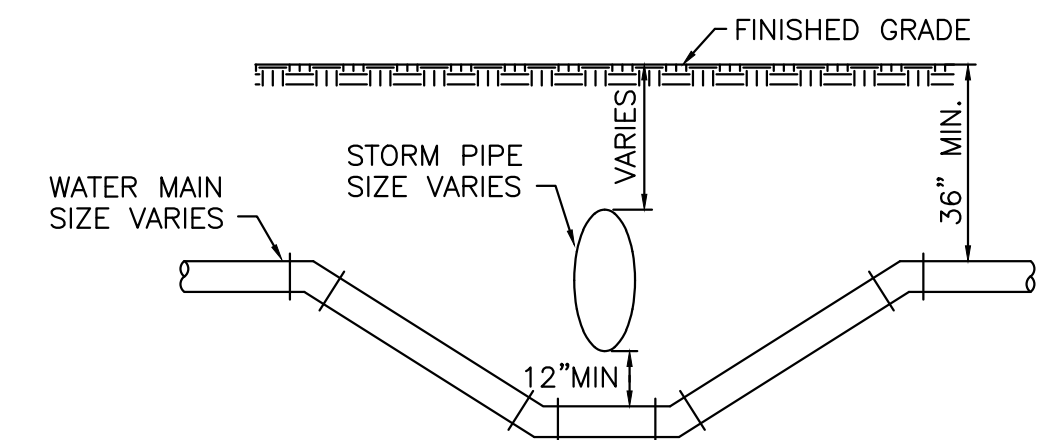
- NOTES:**
1. DEWATERING SHALL CONTINUE UNTIL BACKFILL IS COMPACTED AT LEAST 2 FEET ABOVE WATER TABLE.
 2. PIPE INSTALLATION SHALL MEET THE REQUIREMENTS OF AWWA C-600 TYPE 4 LAYING CONDITION AND AS MODIFIED BY THIS DETAIL.
 3. COMPACT HAUNCHING MATERIAL IN 12" LIFTS COMPACTED TO 98% OF THE MAXIMUM DENSITY PER AASHTO T-180 TO 12 INCH ABOVE TOP OF PIPE.
 4. COMPACT A-3 FILL USED FOR BEDDING TO 98% OF THE MAX. DENSITY PER AASHTO T-180.
 5. FOUNDATIONS SHALL BE REQUIRED WHERE CONSTRUCTION ENCOUNTERS UNSUITABLE MATERIAL REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 6. USE OF NATIVE A-2-4 AND A-2-6 BACKFILL MATERIAL WHICH EXHIBITS HIGH MOISTURE CONTENT SHALL BE LIMITED TO AREAS WITHOUT SURFACE IMPROVEMENTS.
 7. A-2-4 USED IN THIS ZONE MUST BE MOISTURE CONDITIONED AS NECESSARY TO MEET THE REQUIRED COMPACTION CRITERIA.

TYPICAL TRENCH DETAIL
NTS



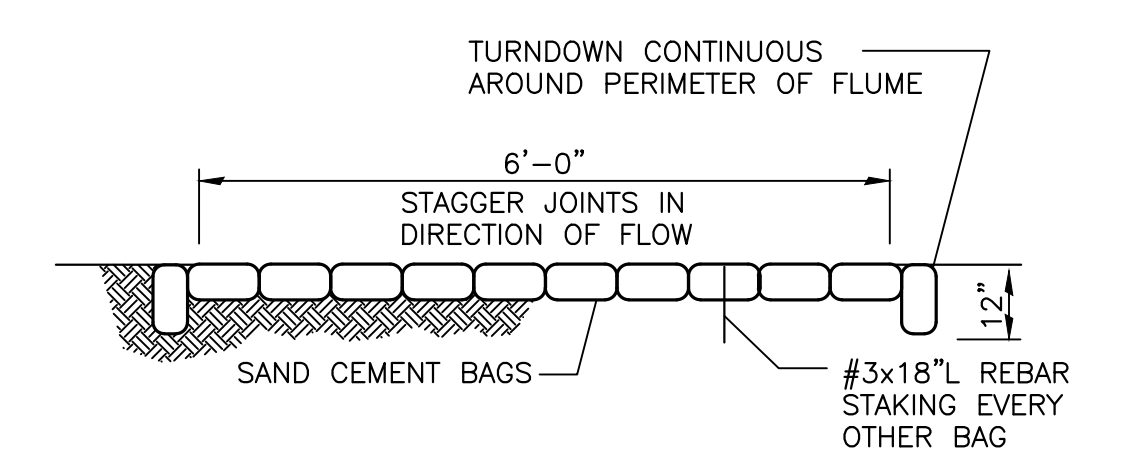
NOTE:
PIPE TO BE DEFLECTED BACK TO 36" COVER AND ENTIRE ASSEMBLY TO BE RESTRAINED PER MFG'R'S. RECOMMENDATIONS TO WITHSTAND 150 P.S.I. PRESSURE TEST

DRAIN CONFLICT "A"
NTS

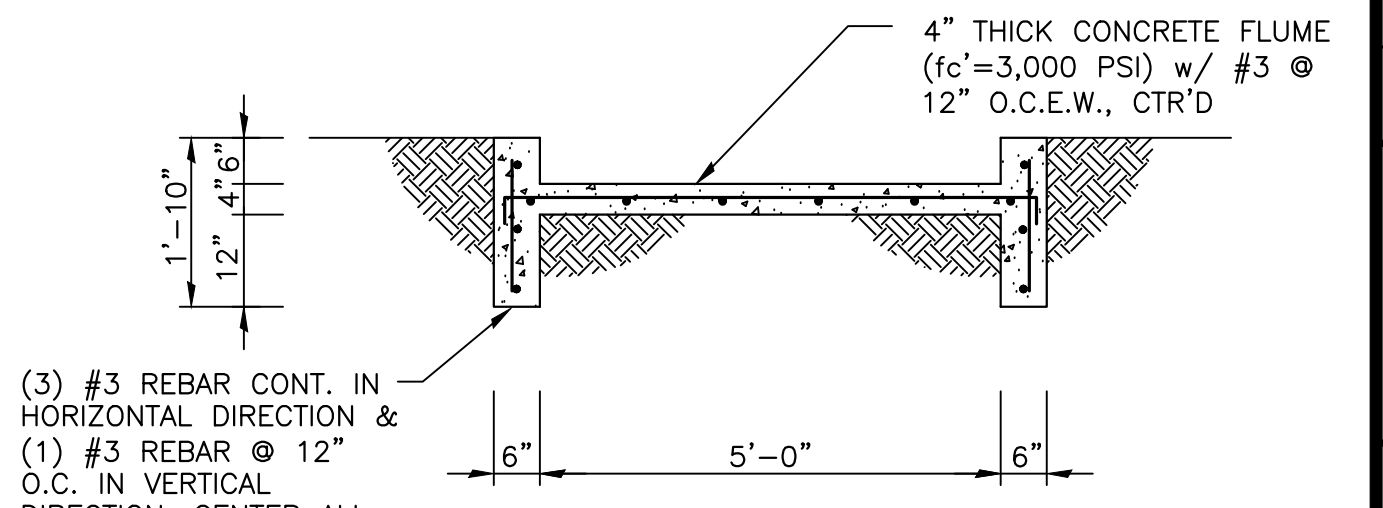


- NOTES:**
1. PIPE LESS THAN 4" SHALL BE THREADED OR SOLVENT WELD.
 2. PIPE 4" OR LARGER TO BE RODDED TWO FULL PIPE LENGTHS AND TIED TO A BELL CLAMP OR RESTRAINED WITH A BELL JOINT RESTRAINER PER MFGR. RECOMMENDATIONS.

DRAIN CONFLICT "B"
NTS

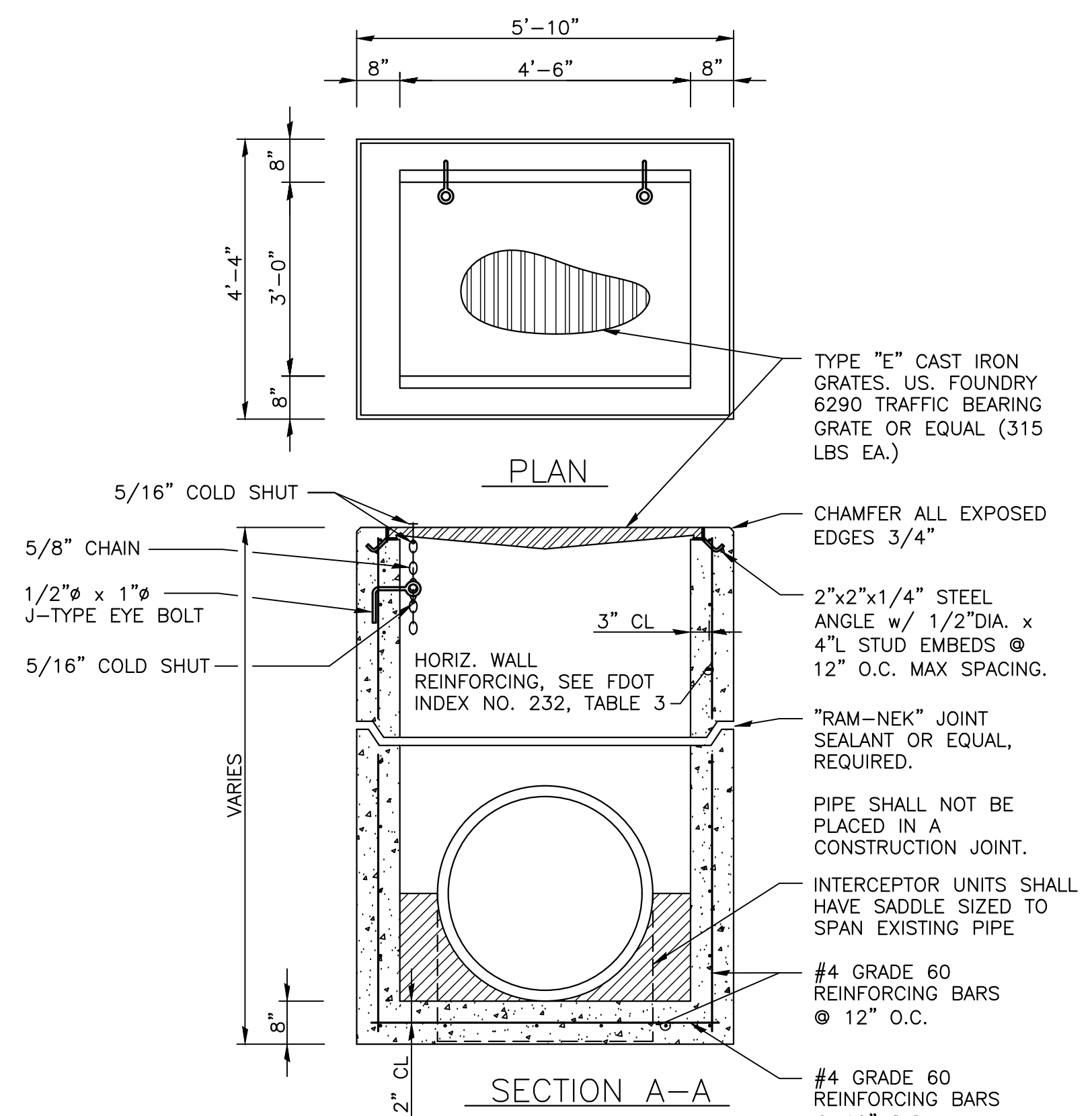


RIP-RAP SPLASH PAD
NTS



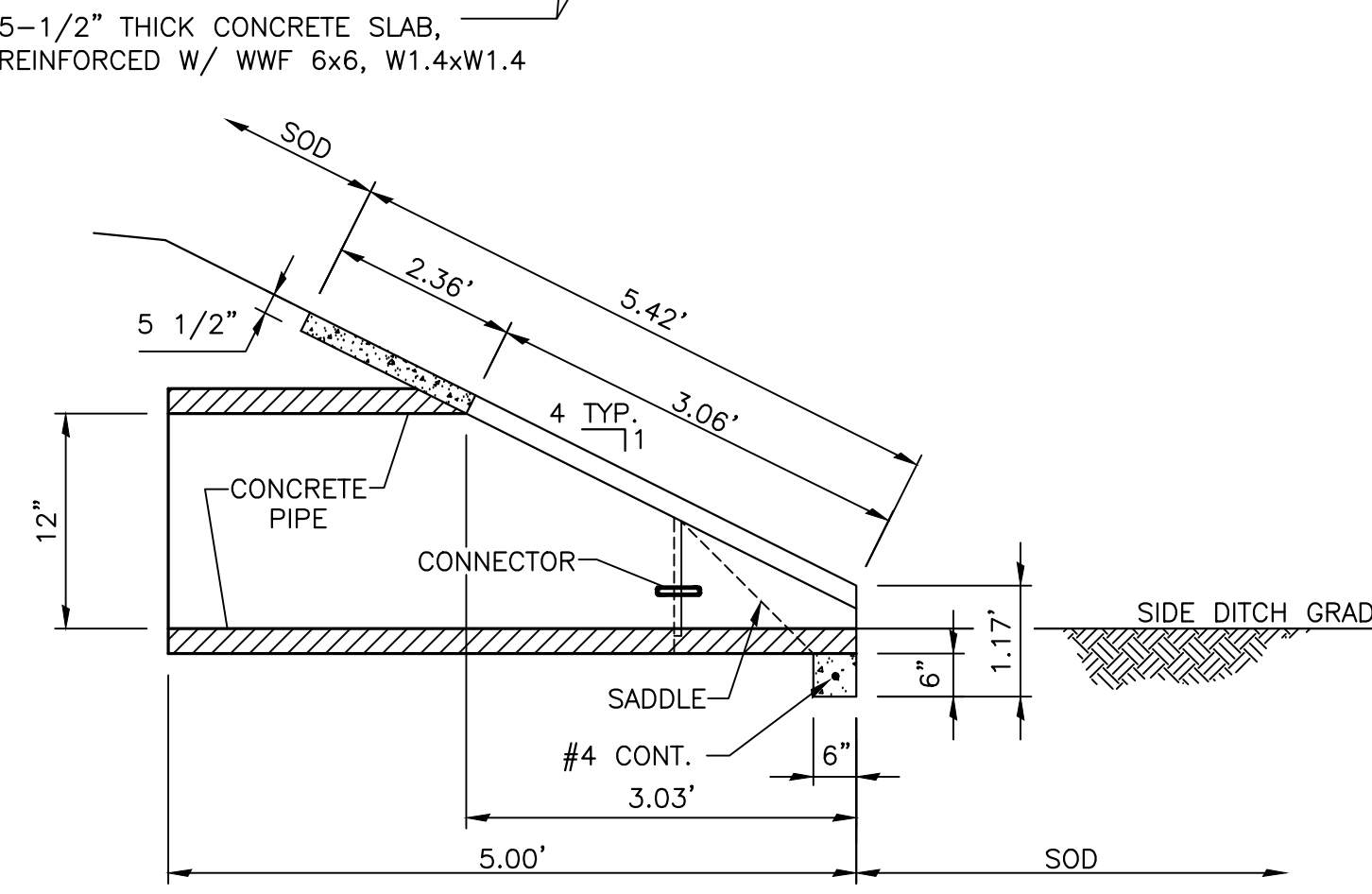
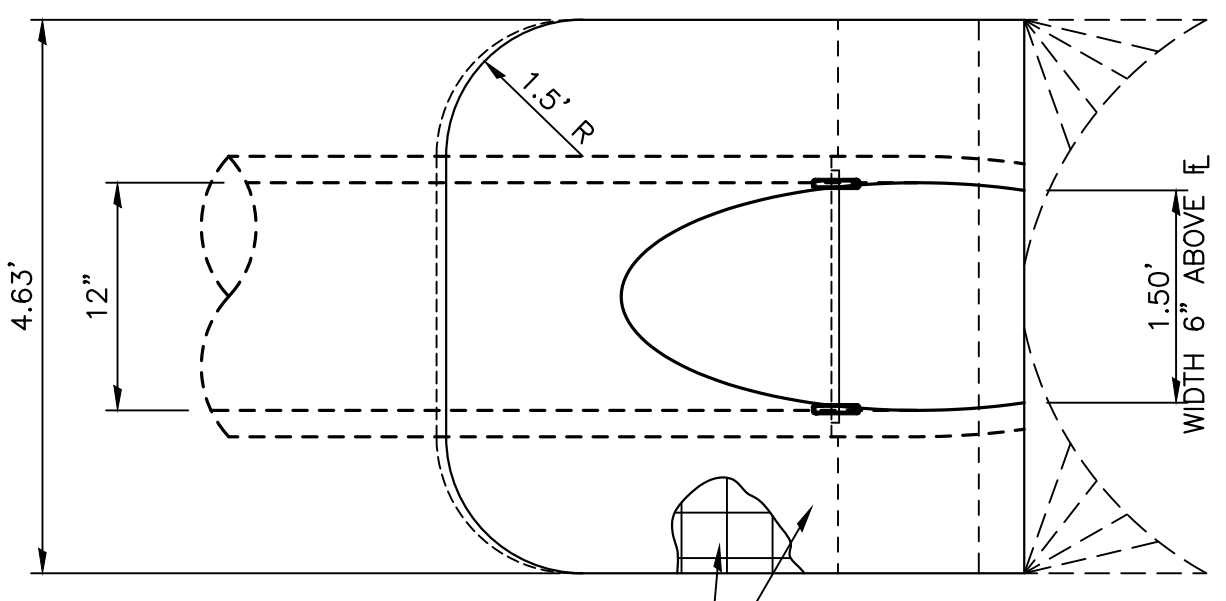
- (3) #3 REBAR CONT. IN HORIZONTAL DIRECTION & (1) #3 REBAR @ 12" O.C. IN VERTICAL DIRECTION, CENTER ALL STEEL IN CONCRETE. 3" EDGE CLEARANCE**

FLUME CROSS-SECTION
NTS



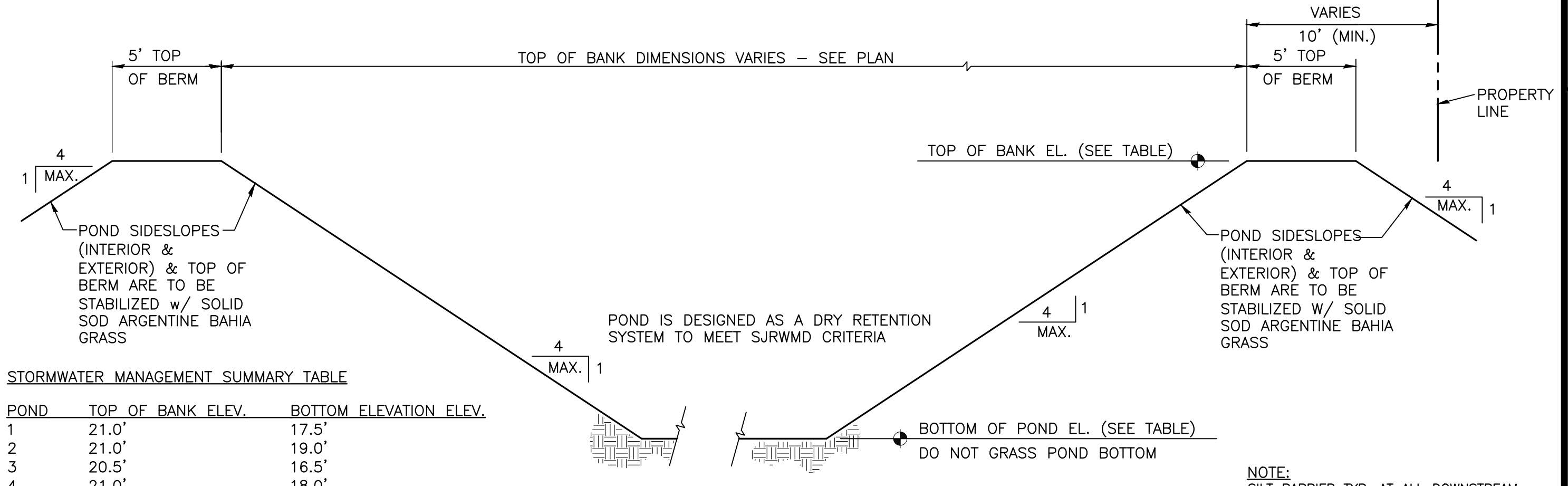
- NOTES:**
1. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 4,000 PSI.
 2. SOIL SHALL HAVE MINIMUM BEARING CAPACITY OF 2,000 PSF.
 3. STRUCTURE SHALL MEET ALL STANDARDS FOR FDOT TYPE "E" INLET STRUCTURES.
 4. DESIGN FLOW RATE (50% CLOGGED) = 10 CFS
 5. MAXIMUM PIPE SIZES:
3'-0" WALL - 24" PIPE
4'-6" WALL - 36" PIPE

TYPE "E" FDOT INLET STRUCTURE
NTS



NOTE:
MITERED END SECTION PER D.O.T. STANDARDS

MITERED END SECTION
NTS



STORMWATER MANAGEMENT SUMMARY TABLE

POND	TOP OF BANK ELEV.	BOTTOM ELEVATION ELEV.
1	21.0'	17.5'
2	21.0'	19.0'
3	20.5'	16.5'
4	21.0'	18.0'

TYPICAL POND CROSS SECTION
NTS

NOTE:
SILT BARRIER TYP. AT ALL DOWNSTREAM PROPERTY LINES. BARRIERS TO BE IN PLACE PRIOR TO START OF CONSTRUCTION AND TO REMAIN IN PLACE UNTIL ALL SOIL IS STABILIZED. SEE NOTES AND DETAIL.

SITE PLAN REVIEW
NOT FOR CONSTRUCTION
07/25/18

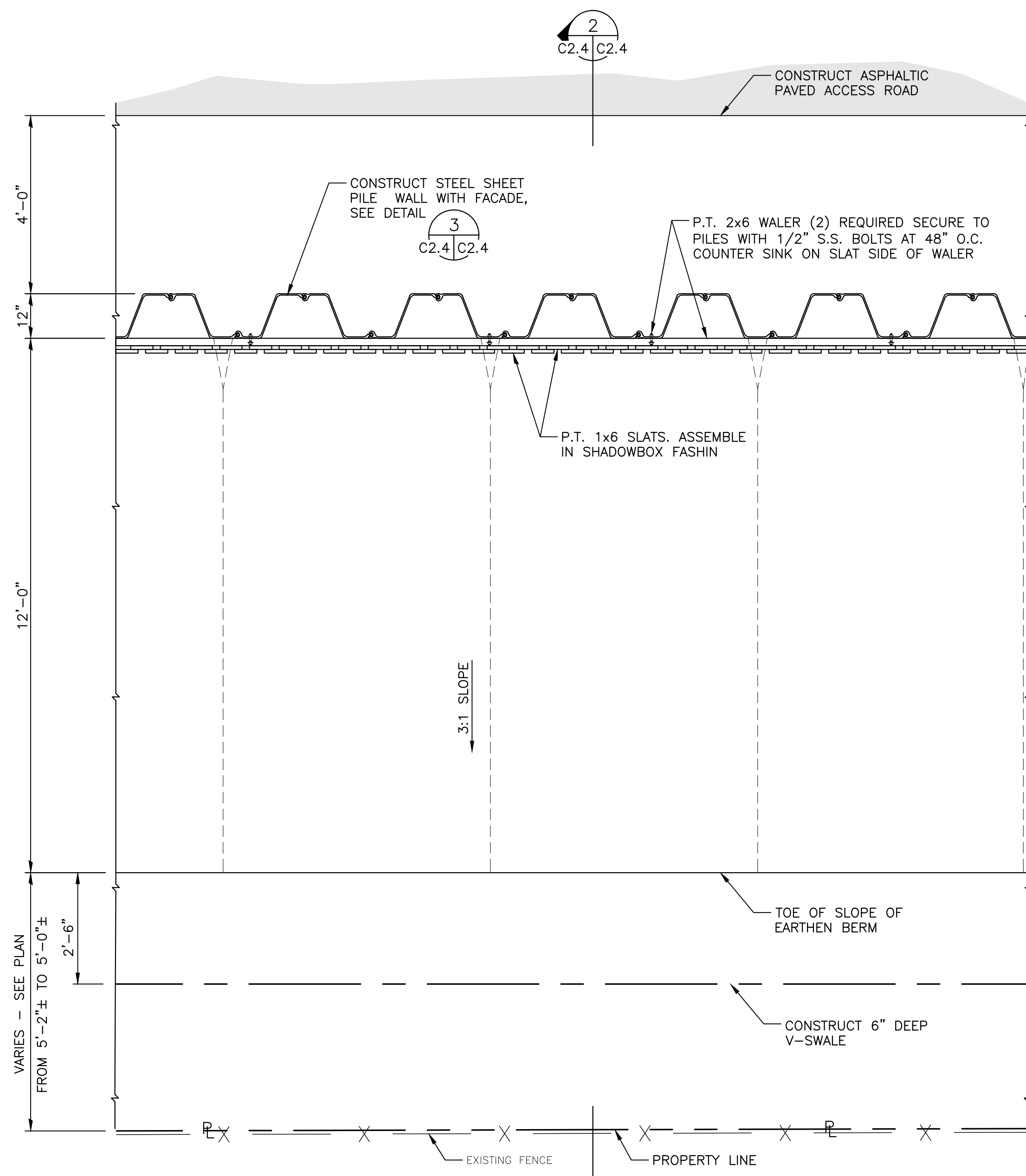
MITTALUER & ASSOCIATES, INC.
CONSULTING ENGINEERS
580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
TEL. (904) 278-0030 FAX. (904) 278-0040

DESIGNER: MPT
DRAWN: KDH
CHECKED: TPN
PROJECT MGR.: DATE: 7/25/18
SCALE: 1" = 1'

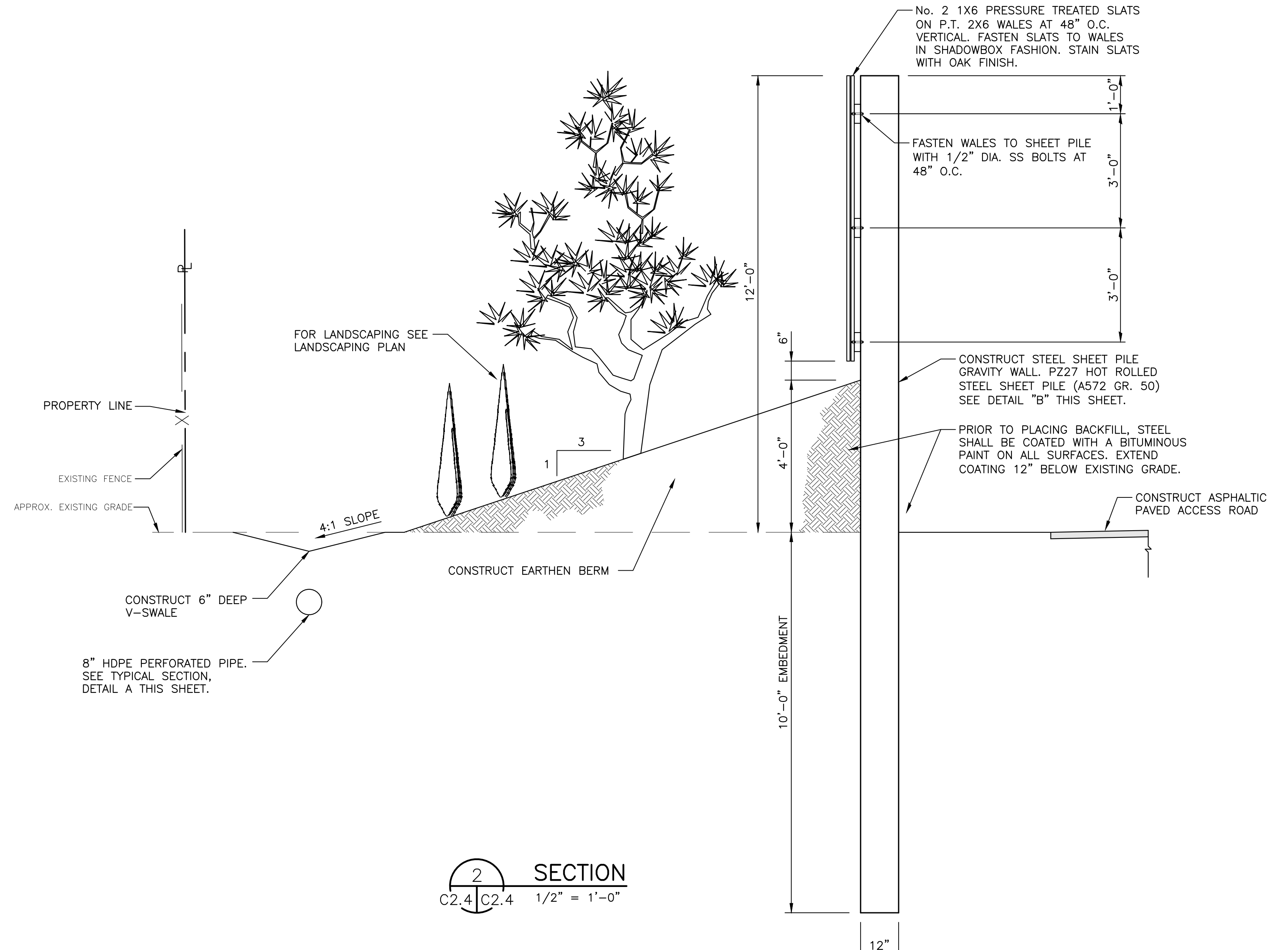
REVISION DESCRIPTION
NO. DATE BY

CITY OF GREEN COVE SPRINGS
DEP. SRF Harbor Road WWTF
Grading & Drainage Details
Clay County, Florida

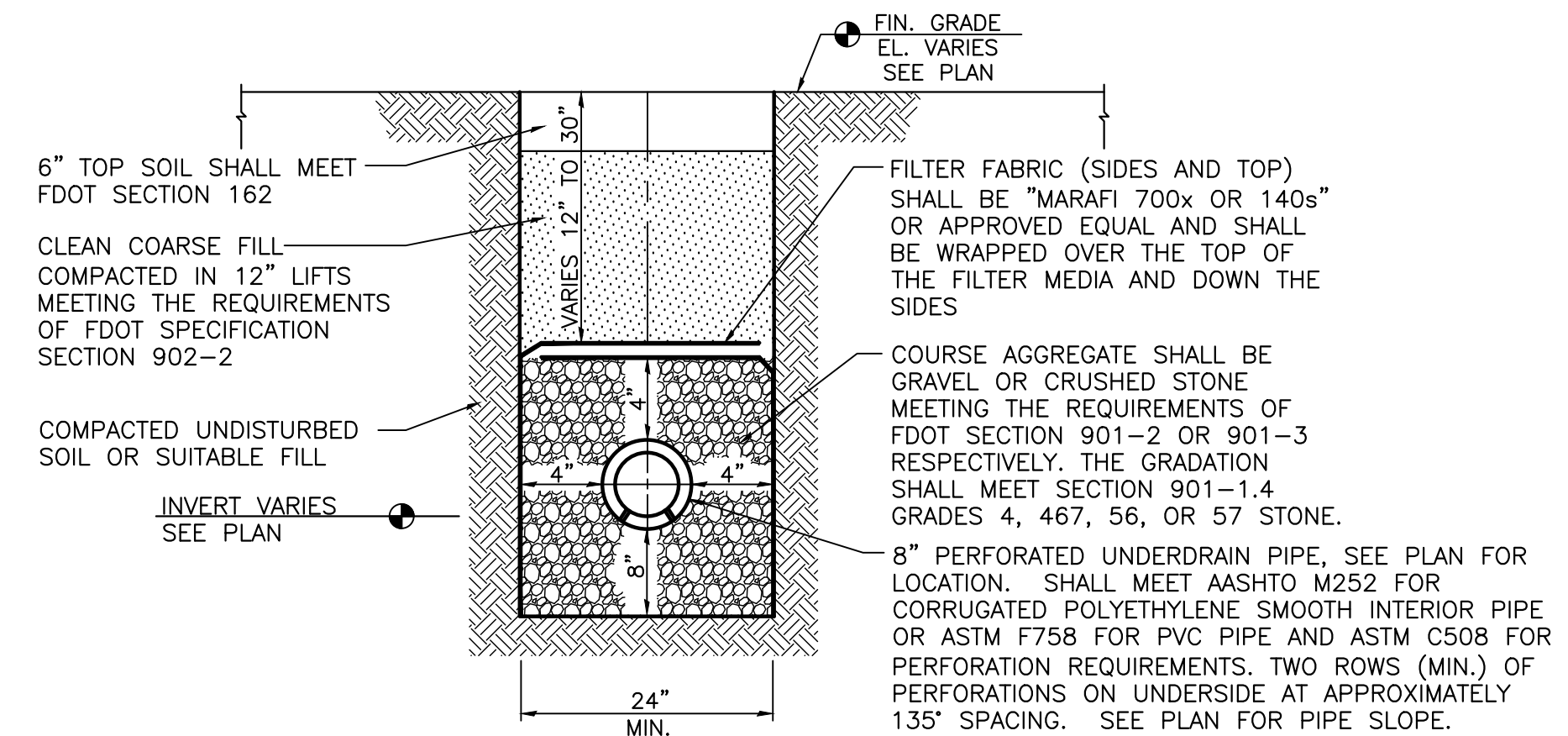
JOB NO. 8905-34-1
SHEET NO. C2.3



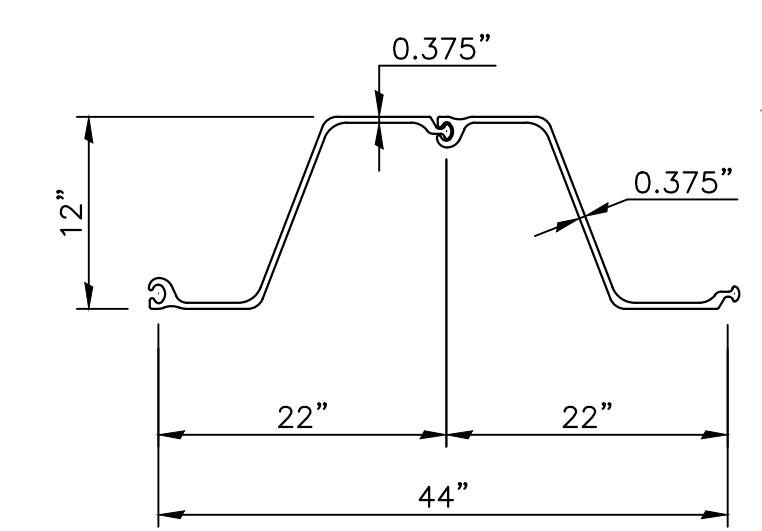
1 STEEL SHEET WALL PARTIAL PLAN
 C1.3/C2.4 1/2" = 1'-0"



2 SECTION
 C2.4/C2.4 1/2" = 1'-0"



A UNDERDRAIN PIPE DETAIL
 NTS



B SHEET PILE SECTION
 1/2" = 1'-0"

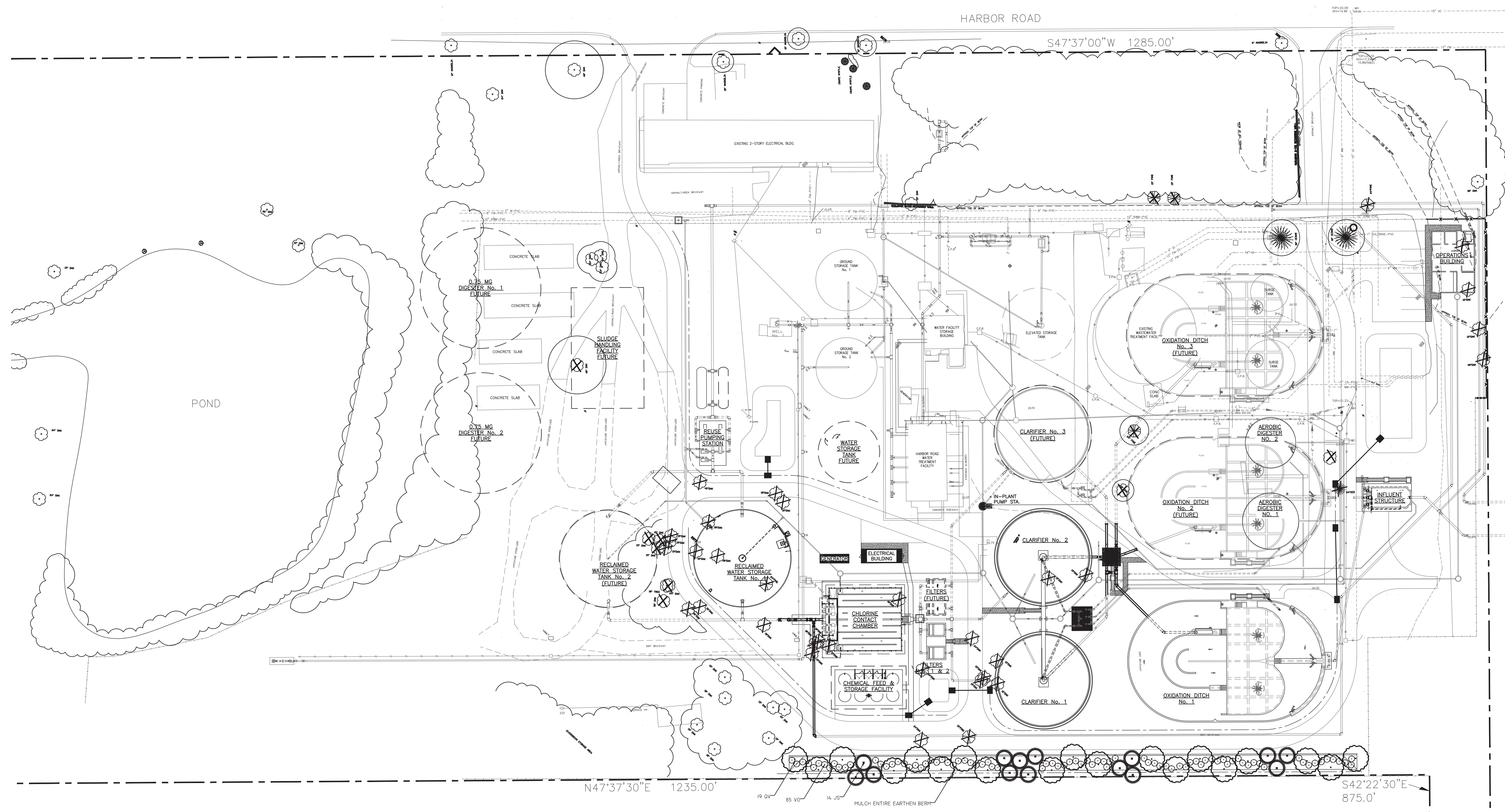
SITE PLAN REVIEW
NOT FOR CONSTRUCTION
 07/25/18

DESIGN: TPW
 DRAWN: KDH
 PROJ. MGR.: JRS
 DATE: 7/25/18
 SCALE: 1" = 1'-0"

MITTALUER & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
 TEL: (904) 278-0030 FAX: (904) 278-0840

CITY OF GREEN COVE SPRINGS
 DEP. SRF Harbor Road WWTF
 Gravity Wall - Plan, Section & Details
 Clay County, Florida

JOB No. 8904-34-1
 SHEET No. C2.4



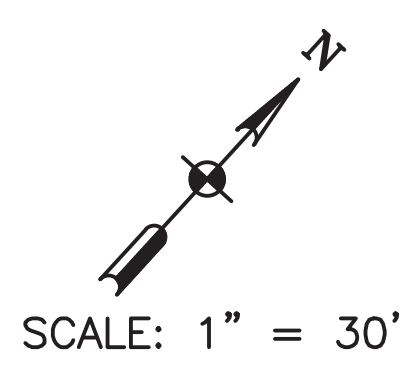
CITY GREEN COVE SPRINGS HARBOR ROAD WWTF
PLANT LIST

QTY	SYM	DESCRIPTION	SIZE	SPACING	NOTES*
19	QV	QUERCUS VIRGINIANA "CATHEDRAL LIVE OAK"	15'-17' x 7-8', 6" CAL., 4' CT., MATCHED	AS SHOWN	N, FYN, FF, WW
14	JS	JUNIPERUS VIRGINIANA SILICICOLA "SOUTHERN RED CEDAR"	12'-14' x 7-8', 6" CAL., FTG., MATCHED	AS SHOWN	N, FYN, FF, WW
84	VO	VIBURNUM ODORATISSIUM "SWEET VIBURNUM"	48" x 48", FULL, MATCHED	60" OC.	FYN, FF, WW

SOD PASPALUM NOTATUM "ARGENTINE BAHIA" - TSA FREE (WEED FREE)
 SOD ALL 4:1 SLOPES OR GREATER, 10' FROM EOP AND ALL DISTURBED ROW. COORDINATE FURTHER GRASSING WITH GENERAL CONTRACTOR
 SELECTED SOD SPECIES MEETS ALL CURRENT LANDSCAPE AND IRRIGATION REQUIREMENTS. ANY VARIABLE WILL REQUIRE GOVERNMENT APPROVAL

48 HOURS BEFORE YOU DIG
 CALL SUNSHINE
1-800-432-4770
 IT'S THE LAW IN FLORIDA

prepared by:
JANET O. WHITMILL, R.L.A.
 P.O. Box 5212, Jacksonville, FL 32247-5212
 Telephone (904) 398 7688



DESIGN: JOW
 DRAWN: DHM
 PROJ. MGR.: JOW
 DATE: 4/15/18
 SCALE: 1" = 1'

MITTAUER & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
 TEL. (904) 278-0030 FAX. (904) 278-0840

CITY OF GREEN COVE SPRINGS
 DEP SRF Harbor Road WWTF
 LANDSCAPE PLAN
 Clay County, Florida

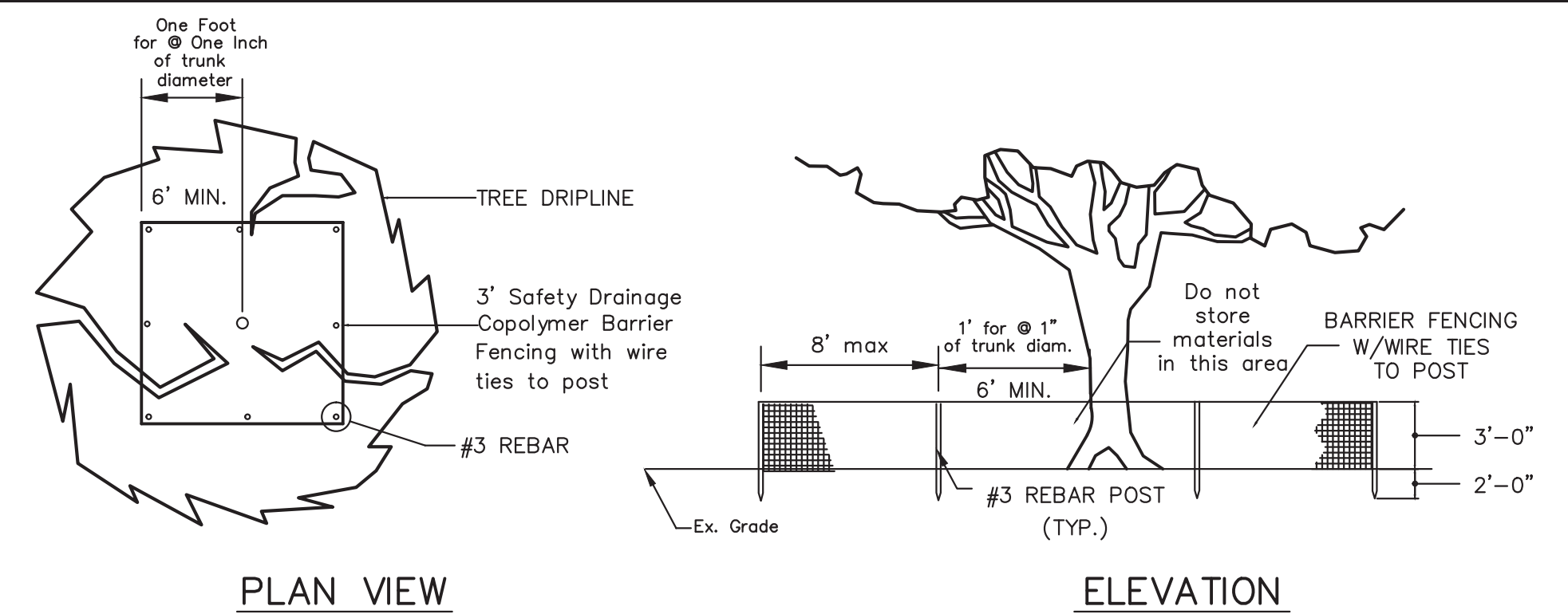
JOB No. 19118
 SHEET No. L1.3

CITY GREEN COVE SPRINGS HARBOR ROAD WWTF PLANT LIST

QTY	SYM	DESCRIPTION	SIZE	SPACING	NOTES*
19	QV	QUERCUS VIRGINIANA "CATHEDRAL LIVE OAK"	15'-17' x 7-8', 6" CAL., 4' CT., MATCHED	AS SHOWN	N, FYN, FF, WW
14	JS	JUNIPERUS VIRGINIANA SILICICOLA "SOUTHERN RED CEDAR"	12'-14' x 7-8', 6" CAL., FTG., MATCHED	AS SHOWN	N, FYN, FF, WW
84	VO	VIBURNUM ODORATISSIMUM "SWEET VIBURNUM"	48" x 48", FULL, MATCHED	60" OC.	FYN, FF, WW

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48 HOURS BEFORE YOU DIG
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 IT'S THE LAW IN FLORIDA



TREE PROTECTION FENCING DETAIL
 NOT TO SCALE

THE TREE PROTECTION BARRICADE SHALL BE AT LEAST THREE (3) FEET HIGH. THE BARRIER SHALL CONSIST OF EITHER WOOD FENCE WITH 2X4 POSTS PLACED A MAXIMUM EIGHT (8) FEET APART, WITH A 2X4 MINIMUM TOPRAIL, OR A TEMPORARY WIRE MESH FENCE, OR OTHER SIMILAR BARRIER WHICH WILL LIMIT ACCESS TO PROTECTED AREA.

THE BARRICADE SHALL BE AT LEAST ONE FOOT IN DIAMETER FOR EACH INCH OF TRUNK DIAMETER. FOR TREES LESS THAN 12" DBH, THE MINIMUM BARRICADE SHALL BE PLACED AT LEAST SIX (6) FEET AWAY FROM THE BASE OF THE TREE.

TREE BARRICADE APPROVAL: OBTAIN CITY APPROVAL OF TREE BARRICADES BEFORE BEGINNING CLEARING OPERATIONS OR ANY SITE DEVELOPMENT.

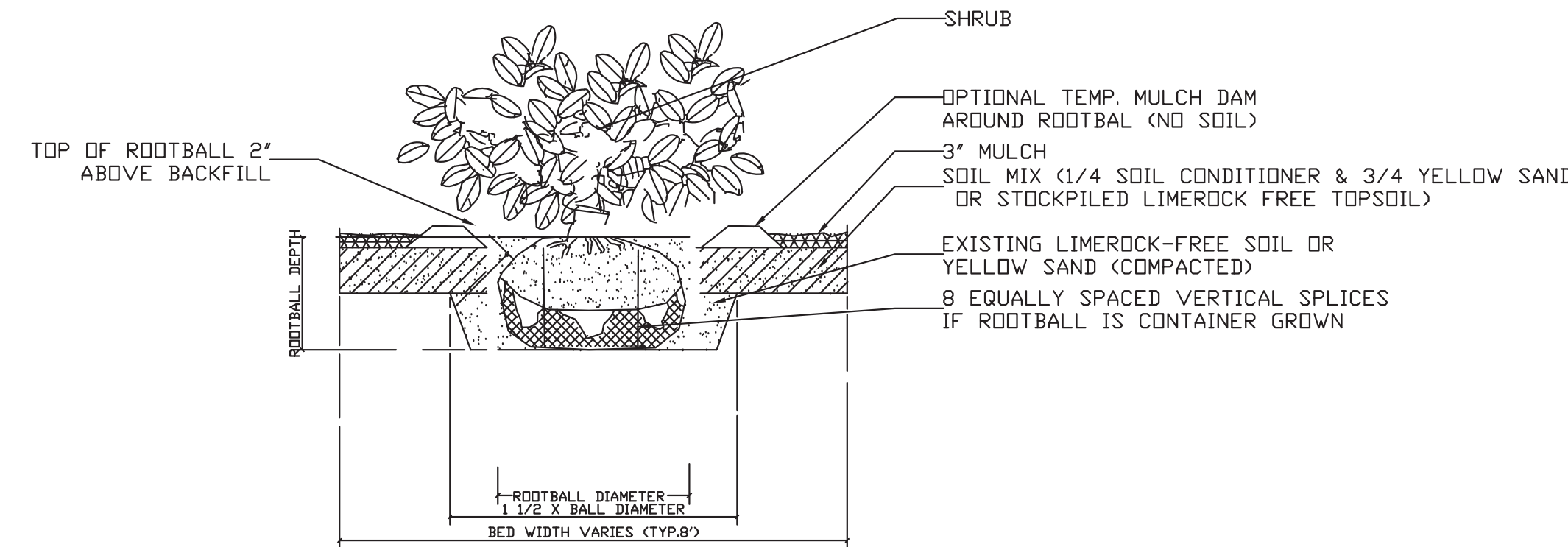
PLANTING NOTES

- The LANDSCAPE CONTRACTOR is responsible for verifying project site conditions and all quantities indicated on these plans before commencing any work. LANDSCAPE CONTRACTOR shall notify the LANDSCAPE ARCHITECT if soil conditions are poorly drained to determine if substitution of materials is necessary.
- Soil tests shall be provided to evaluate various areas of the landscape (especially the parking lot islands) for pH, available nutrients, phosphorus content, bulk density, etc. This will serve to ensure proper plant selection according to prevailing soil conditions, what lime/sulphur applications are needed (if any) and long-term survival of plant material.
- All plant material shall be Florida Grade No. 1 or better nursery grown in accordance to Florida Grades and Standards handbook.
- All plant material shall be container grown or B&B. B&B materials shall be "hardened off" root pruned during field production and shall be dug at least several weeks before planting is performed.
- Plants shall be sound, healthy and vigorous, well branched and densely foliated when in leaf. They shall be free of disease, insects, eggs or larvae and shall have healthy, well developed root systems. They shall be free from physical damage or adverse conditions that would prevent thriving growth.
- All plants shall conform to the varieties indicated in the plant list.
- Substitution of plant materials will not be permitted unless authorized in writing by the LANDSCAPE ARCHITECT. If proof is submitted that any plant specified is not obtainable, a proposal will be considered for use of the nearest equivalent size or variety with corresponding adjustment of contract price.
- Plant material locations and bed outlines shall be staked or flagged on site by the CONTRACTOR and shall be adjusted if required to fit actual as-built conditions on site and approved by the owner or owners representative.
- All proposed tree planting locations shall be staked or flagged before installation by the LANDSCAPE ARCHITECT and approved by the owner or owners representative.
- The CONTRACTOR shall estimate the depth of the planting hole by measuring the distance between the point where the topmost root emerges from the trunk and the bottom of the root ball. The planting hole shall be slightly shallower than this distance. No more than 2 to 3 inches of the root ball needs to be above the soil unless the site is poorly drained. Poorly drained soil requires planting depths even or higher. Planting holes dug too deep are required to have soil added to the bottom and loosely compacted. If planting holes should fill with water as it is dug, position the bottom of the root ball above the water and mound soil to cover the sides of the ball. The hole shall be at least 1.5 times the diameter of the root ball. Wider holes shall be used for compacted soil and wet sites.
- The soil shall be freshly tilled and large clods of soil broken up. The growing medium shall be settled and firm at the time of herbicide application. Herbicides may be mechanically incorporated by mixing into top layer at a depth of 1-3 inches.
- All backfill around plant material shall be worked firmly by slicing a shovel down into the backfill 20 to 30 times around the tree as you add backfill soil. Large clumps shall be broken up. Do not pack the backfill. Only step firmly on backfill soil to stabilize the root ball. The top of the root ball shall remain 1 inch (small trees) to 3 inches (large trees) or approximately 10% above grade. Do not over-pack the loosened soil when wet. Add 10 to 20 gallons of water to the rootball and backfill. Fill in any holes or depressions with backfill soil. Do not attempt to eliminate air pockets by compaction. Water infiltrating the backfill soil will eliminate large air pockets.
- LANDSCAPE CONTRACTOR shall bear final responsibility for proper surface drainage of planted areas. Any discrepancy in the drawings, obstruction on the site, or prior to work done by any other party, which the CONTRACTOR feels precludes establishing proper drainage shall be brought to the attention of the LANDSCAPE ARCHITECT for correction or relief of said responsibility.
- When planting on slopes, set tree so top-most root in the ball on the uphill side is even with the soil. The side of the root ball on the downhill side will be well above the surrounding soil. Soil shall cover the sides of the root ball. Mulch shall cover the edge of the rootball and not piled on top.
- Planting beds shall be cut or edged to form a uniform clean line between beds and lawn areas.
- After all plant material in a plant bed area has been installed and approved, the areas between plants shall be raked to an even grade to conform to pre-mulching finish grades. All planting beds and plant saucers shall then be uniformly covered with a minimum depth of three (3) inches of #2 grade or better of mini pine bark nuggets with a maximum diameter of two (2) inches. Contractor to provide a sample prior to installation.

- Before fertilization a soil and/or foliar nutrient analysis shall be performed to determine whether phosphorus fertilizer with 30% slow release nitrogen will be required. All planting bed areas shall be fertilized approximately 4-6 weeks after installation.
- Plant material soil shall be "native" soil that was removed from the planting hole. If soil is badly contaminated, good quality soil shall be used as replacement after contaminated soil has been completely removed from planting area.
- After sodding is completed, the entire side areas shall be watered by hand or irrigation system each day for two weeks. After approximately one month of installation, sodded areas shall then be top dressed with a 15-0-15 commercial slow-release fertilizer at a rate of 6.67 pounds per 1,000 square feet of area in an evenly broad-case pattern.
- The LANDSCAPE CONTRACTOR is responsible for all fine grading preparation for planting. Apply pre-emergent to all beds prior to planting.
- Rough grades will be established by the owners general contractor at approximately 3 inches below curbs, sidewalks, landscape amenities, mowing strips and abutments. All materials shall be a minimum 30" from buildings or walks.
- CONTRACTOR shall coordinate construction of planting areas with installation of irrigation system.
- Where seeding may be required on the plans, germination rate shall be the maximum percentage required for the variety specified at the rate of application specified.
- Sod areas shall be SPECIFIED Grass. Grass for sodding shall be freshly cut in squares one foot wide by two feet long. Sod shall be healthy, free of insects and weeds, in naturally flourishing conditions. Dry, brown and unrefresh sod will be rejected.
- Sod shall be laid end to end and side to side in a staggered line to form a uniform layer. All uneven edges shall be squarely trimmed to allow close and firm fitting of each piece.
- After sodding is completed, the entire sod areas shall be watered by hand or irrigation system each day for two weeks. Sodded areas shall then be top dressed with a commercial fertilizer as directed herein at the rate of 12 pounds per 1000 square feet of area in an evenly broad case pattern.
- The LANDSCAPE CONTRACTOR is responsible for fully maintaining all plant material on site during and before planting, until the work in accepted by the LANDSCAPE ARCHITECT and/or owner. The LANDSCAPE CONTRACTOR is responsible for removing tree stakes after tree is established.
- All plants shall be guaranteed by the LANDSCAPE CONTRACTOR to be healthy plants and in flourishing condition of active growth for ninety (90) days from final inspection and acceptance. All trees shall be guaranteed an additional one year from final inspection and acceptance.
- The LANDSCAPE ARCHITECT, owner or owners representative shall have the right to reject any and all work which in his opinion does not meet with the requirements of the specifications at any stage of the project operation.
- In general, the work shall proceed as rapidly as the site becomes available. Keep all areas of work clean, neat, and orderly at all times.
- There will be special care to all existing trees to be retained on site to avoid construction damage.
- An automatic irrigation system is to be provided and a shop drawing of the layout and design must be submitted to the governmental agency, for review and approval, prior to installation.
- Irrigation system shall be fully automatic, providing 100% coverage to all planting areas, with all pop up heads in lawn area.
- Irrigation station shall be set where there will be no mixing of shrub and lawn areas, fixed spray heads with gear driven heads or impacts. Shrub risers shall be minimum 2.5' from eop and all heads minimum 2' from buildings.
- A double check backflow prevention (or approved equal); equal to a DCA-100; to be mounted in a rectangular valve box (12"x 10") on the service side of the meter and immediately adjacent to the water meter.
- After the landscape plan is approved by the governmental agency any subsequent changes must be resubmitted for review and approval.
- Shade trees shall be planted minimum 5' from EOP and 15' from OHE.
- Do not plant trees below Normal Water Line (NWL) see civil drawings. Sod all 4:1 or greater slopes. Seed all other disturbed areas.

CITY OF GREEN COVE SPRINGS HARBOR ROAD WWTF TREES TO BE REMOVED

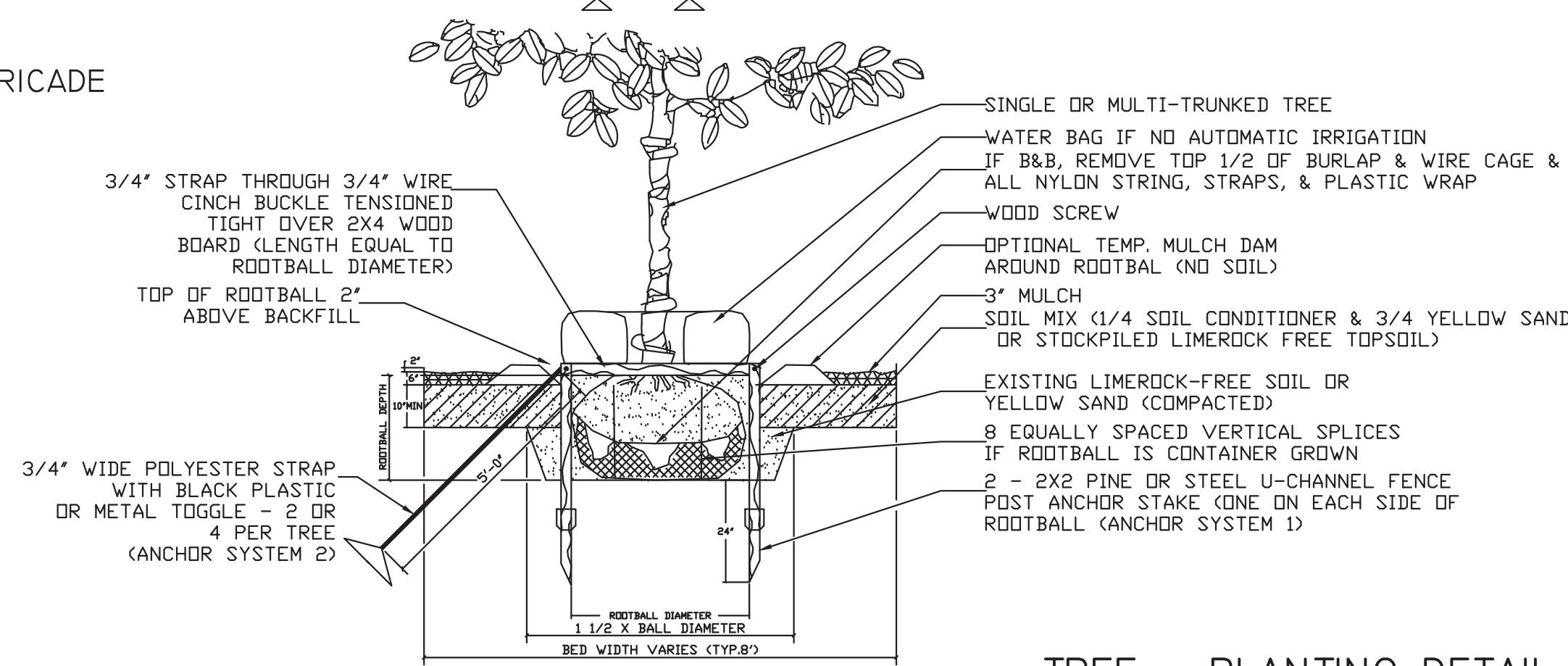
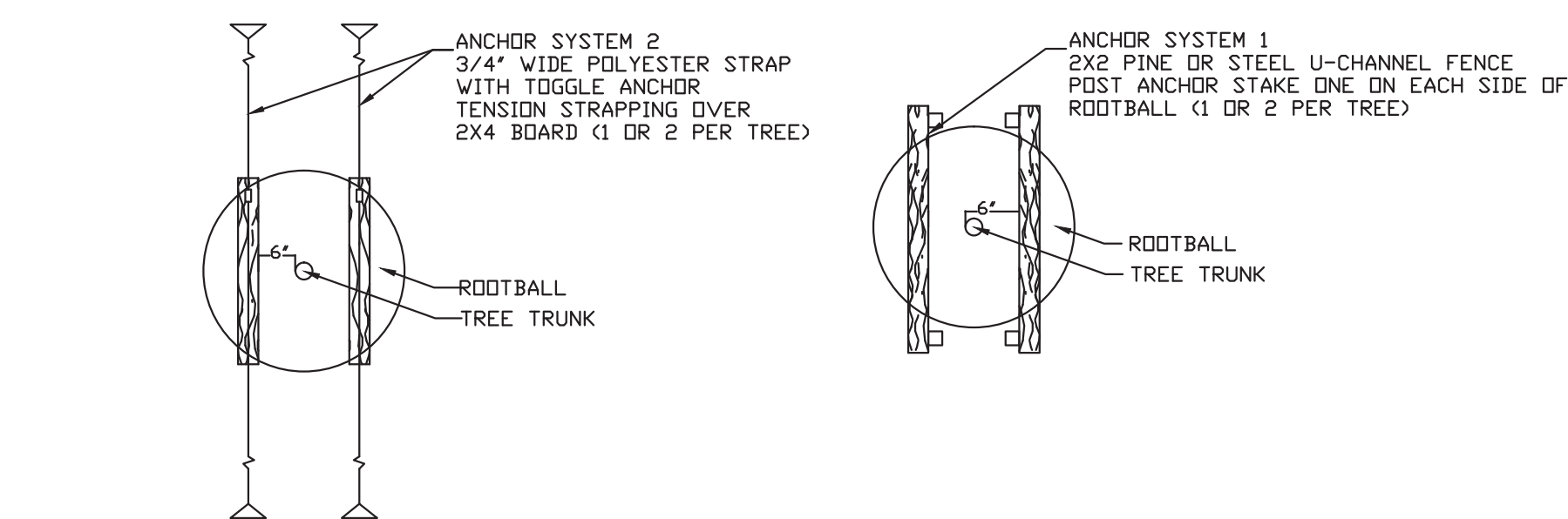
TREE QTY	TREE SPECIES	SIZE (INCHES)	SUBTOTAL (INCHES)
5	LIVE OAK	12	60
14	LIVE OAK	15	210
7	LIVE OAK	18	126
4	LIVE OAK	24	96
2	LIVE OAK	30	60
2	LIVE OAK	36	72
1	LIVE OAK	42	42
2	LIVE OAK	48	96
1	CEDAR	24	24
TOTAL			786
NON-PROTECTED			
2	PINE	15	30
2	PINE	20	40
2	PINE	24	48
TOTAL			118



SHRUB PLANTING DETAIL
 NOT TO SCALE

CITY OF GREEN COVE SPRINGS HARBOR ROAD WWTF MITIGATION REQUIREMENTS

ITEM	TOTAL INCHES	REQUIRED REPLACEMENT 1:1 (INCHES)
TREES GREATER THAN 12"	621	786
TREES PROTECTED (PRESERVED)	456	<672>
TREES PLANTED	198	<198>
NET REQUIREMENT		<84>



TREE PLANTING DETAIL
 NOT TO SCALE

LEGEND

- 15" DBH TREE TO BE REMOVED
- 48" DBH TREE TO BE PRESERVED W/ BARRICADE

REVISION DESCRIPTION
 DATE
 BY
 NO
 1 INCH
 DATE 4/15/18
 PROJ MGR.

DESG
 DRWN
 PROJ
 DATE

MITTAUER & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
 TEL. (904) 278-0030 FAX. (904) 278-0840

CITY OF GREEN COVE SPRINGS
 DEP SRF Harbor Road WWTF
 Sheet Title
 Clay County, Florida

JOB No. 19118
 SHEET No. L2.3

prepared by:
JANET O. WHITMILL, R.L.A.
 P.O. Box 5212, Jacksonville, FL 32247-5212
 Telephone (904) 398 7888

UNDERGROUND IRRIGATION SPECIFICATIONS

1.0 GENERAL

- 1.1 SUMMARY: Includes but not limited to:
 - A. Furnishing and installing sprinkler system as described in Contract Documents complete with accessories necessary for proper functioning.
- 1.2 SYSTEM DESCRIPTION:
 - A. Design Requirements:
 1. Layout of Irrigation Heads:
 - a. Location of heads shown on Drawings is approximate. Actual placement may vary slightly as is required to achieve full, even coverage without spraying onto buildings, sidewalks, fences, etc.
- 1.3 QUALITY ASSURANCE:
 - A. Regulatory Requirements:
 1. Work and materials shall be in accordance with latest rules and regulations, and other applicable state or local laws. Nothing in Contract Documents is to be construed to permit work not conforming to these codes.
 - B. Pre-Installation Conference:
 1. Meet with Owner and Landscape Architect to discuss and clarify all aspects of job requirements prior to commencing work of this Section.
 - C. System Adjustments:
 1. Minor adjustments in system will be permitted to avoid existing fixed obstructions.
 2. Mainline, laterals, and valves are shown for clarity purposes only. All irrigation equipment to be with landscape area. Mainline, laterals and valves to be installed as far away from existing and new specimen trees as possible.
 - D. 1. Documentation and submittal of actual water supply performance prior to commencing installation.
- 1.4 SUBMITTALS:
 - A. Record Drawings:
 1. Prepare an accurate as-built drawing as installation proceeds to be submitted prior to final inspection. Drawing shall include:
 - a. Detail and dimension changes made during construction.
 - b. Significant details and dimensions not shown in original Bidding Documents.
 2. Maintain, at job site, one copy of Contract Documents (as defined in General Conditions) and relevant shop drawings.
 3. Clearly mark each document "PROJECT RECORD COPY" and maintain in good condition for use of the Landscape Architect and Owner.
 4. As-built drawing shall be clearly drawn.
 5. Submit product literature for all sprinklers, valves, pipe, wire, wire connectors and controller.
 6. Final payment for system will not be authorized until accurate and complete submittals are delivered to the Landscape Architect.
 - B. Instruction Manual:
 1. Provide instruction manual which lists complete instructions for system operation and maintenance.
- 1.5 PRODUCT STORAGE:
 - A. During construction and storage, protect materials from damage and prolonged exposure to sunlight.
- 1.6 WARRANTY:
 - A. Standard one (1) year warranty stipulated in General Conditions shall include:
 1. Completed system including parts and labor.
 2. Filling and repairing depressions and replacing plantings due to settlement of irrigation trenches for one (1) year following final acceptance.
 3. System adjustment to supply proper coverage to areas to receive water.
- 1.7 MAINTENANCE:
 - A. Extra Materials:
 1. In addition to installed system, furnish Owner with the following items at close-out:
 - a. Two sprinkler head bodies of each size and type.
 - b. Two nozzles for each size and type.
 - c. Two adjusting keys for each sprinkler head cover type.

- B. Installation of Plastic Pipe:
 1. Install plastic pipe in a manner to provide for expansion and contraction as recommended by Manufacturer.
 2. Unless otherwise indicated on Drawings, install main lines with a minimum cover of eighteen (18") inches based on finish grade. Install lateral lines with a minimum cover of twelve (12") inches based on finish grade.
 3. Locate no sprinkler head closer than twelve (12") inches from building foundation. Heads immediately adjacent to mowing strips, walks or curbs shall be one (1") inch below top of mowing strip, walk or curb and have a minimum of one (1") inch clearance between head and mowing strip, walk or curb.
 4. Drawings show arrangement of piping. Should local conditions necessitate rearrangement, obtain approval of Landscape Architect prior to proceeding with work.
 5. Cut plastic pipe square. Remove burrs at cut ends prior to installation so unobstructed flow will result.
 6. Make solvent weld joints in the following manner:
 - a. Clean mating pipe and fitting with clean, dry cloth and apply one (1) coat of P-70 primer to each.
 - b. Apply uniform coat of 711 solvent to outside of pipe.
 - c. Apply solvent to fitting in similar manner.
 - d. Rubbing a light coat of solvent to pipe and quickly insert into fitting.
 - e. Give pipe or fitting a quarter turn to insure even distribution of solvent and make sure pipe is inserted to full depth of fitting socket.
 - f. Hold in position for fifteen (15) seconds minimum or long enough to secure joint.
 - g. Wipe off solvent appearing on outer shoulder of fitting.
 - h. Do not use an excessive amount of solvent thereby causing an obstruction to form on the inside of pipe.
 7. Allow joints to set at least 24 hours before applying pressure to PVC pipe.
7. Tape threaded connection with teflon tape.
- C. Control Valves and Controller:
 1. Install controller, control wires, and valves in accordance with Manufacturer's recommendations and according to applicable electrical code.
 2. Install valves in plastic boxes with reinforced heavy duty plastic covers. Locate valve box tops at finish grade.
 3. Install remote control valves in valve boxes positioned over valve so all parts of valve can be reached for service. Set cover of valve box even with finish grade.
 4. Install all valve boxes over nine (9") inches of gravel for drainage.
- D. Sprinkler Heads:
 1. Prior to the installation of sprinkler heads, open control valves and use full head of water to flush out system.
 2. Set sprinkler heads perpendicular to finish grade.
 3. Set lawn sprinkler heads adjacent to existing walks, curbs, and other paved areas to grade.
- E. Dripline:
 1. Install RD-12-NP drip zone indicator head next to each control valve with closed nozzle.
 2. Stake dripine every eight feet along dripine laterals.

2.0 PRODUCTS

- 2.1 PIPE, PIPE FITTINGS, AND CONNECTIONS:
 - A. Pipe shall be continuously and permanently marked with Manufacturer's name, size, schedule, type, and working pressure.
 - B. Pipe:
 1. Pressure Lines: as indicated on plans.
 2. Lateral Lines: as indicated on plans.
 3. Risers: sch. 80 PVC, gray
 - C. Fittings:
 1. Schedule 40 PVC.
 - D. Sleeving:
 1. Schedule 40 PVC.
- 2.2 SPRINKLER HEADS:
 - A. Conform to requirements shown on Drawings as to type, radius of throw, pressure, and discharge.
- 2.3 AUTOMATIC SPRINKLER SYSTEM:
 - A. Control valves shall be of size and type indicated on Drawings.
 - B. Control wire shall be UL listed, color coded copper conductor direct burial size 14. Use 3M-DBY waterproof wire connectors at splices and locate all splices within valve boxes. Use white or gray color for common wire and other colors for all other wire.
- 2.4 VALVES:
 - A. Electric Valves:
 1. Make and model shown on Drawings.
 - B. Automatic Controller:
 1. Make and model shown on Drawings.
- 2.5 VALVE ACCESSORIES:
 - A. Valve Boxes:
 1. Ametek or Brooks heavy duty valve box with locking lid or Landscape Architect approved equal.
 2. Do not install more than one (1) valve in a single box.
 3. Valve boxes shall be large enough for easy removal or maintenance of valves.

3.0 EXECUTION

- 3.1 PREPARATION:
 - A. Protection:
 1. Work of others damaged by this Section during course of its work shall be replaced or repaired by original installer at this Section's expense.
- 3.2 INSTALLATION:
 - A. Trenching and Backfilling:
 1. Over-excavate trenches by two (2") inches and bring back to indicated depth by filling with fine, rock-free soil or sand.
 2. Cover pipe both top and sides with two (2") inches of material specified in paragraph above. In no case shall there be less than two (2") inches of rock-free soil or sand surrounding pipe.

3.3 ADJUSTMENT AND CLEANING:

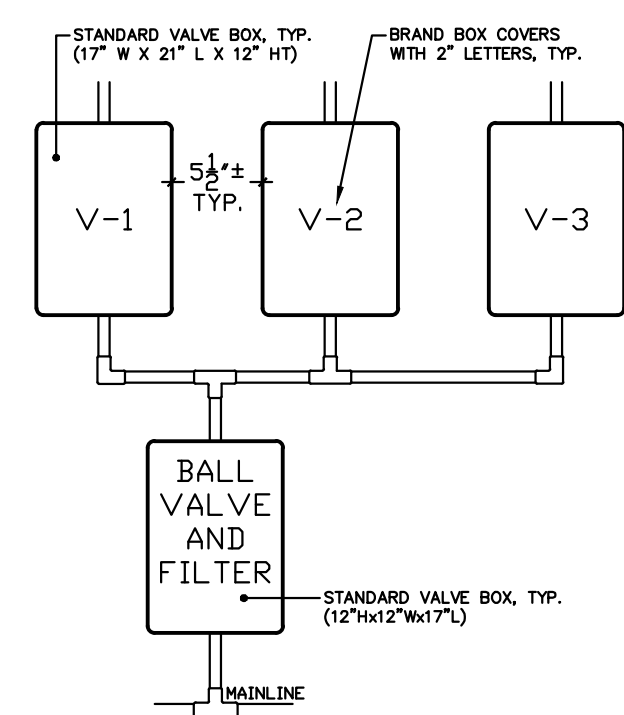
- A. Adjust heads to proper grade when turf is sufficiently established to allow walking on it without appreciable harm. Such lowering or raising of heads shall be part of the original contract with no additional charge to the Owner.
- B. Adjust sprinkler heads for proper distribution and trim to ensure spray does not fall on building.
- C. Adjust watering time of valves to provide proper amounts of water to all plants.

3.4 DEMONSTRATION:

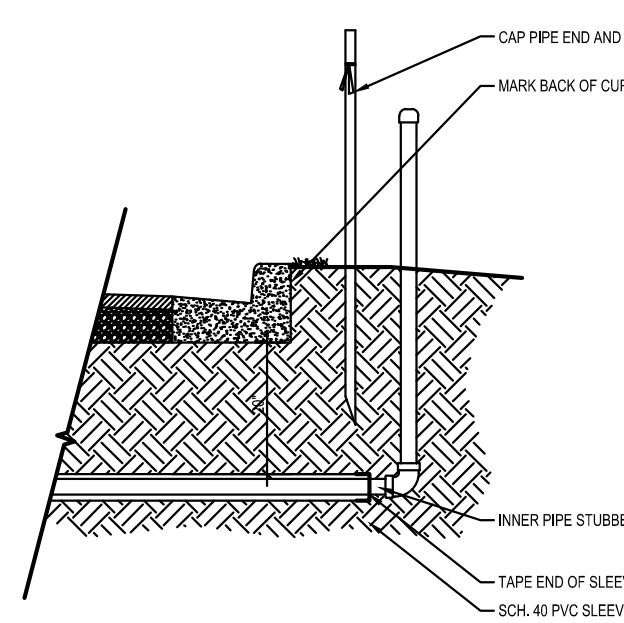
- A. After system is installed and approved, instruct Owners Representative in complete operation and maintenance.

END OF SECTION

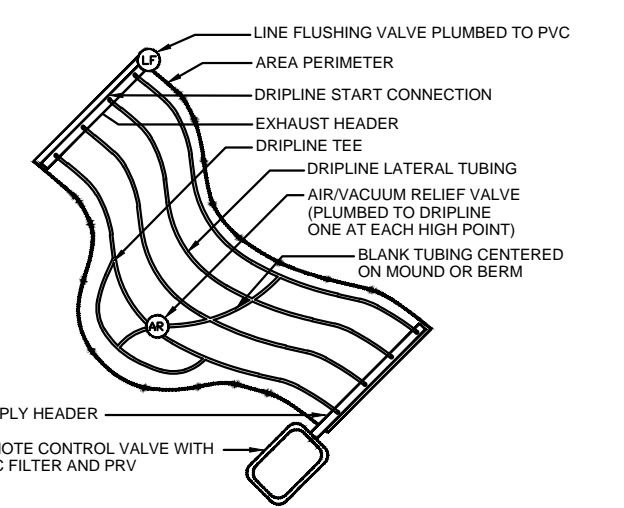
NOTES:
 VALVE GROUPINGS SHALL NOT HAVE MORE THAN 3 VALVE BOXES AND 1 GATE VALVE BOX.
 PLASTIC TAGS SHALL BE AFFIXED TO EACH VALVE WITH THE ZONE NUMBER AND ZONE TYPE (TURF, SHRUB, ETC) PREPRINTED OR LABELED WITH INDELIBLE INK.



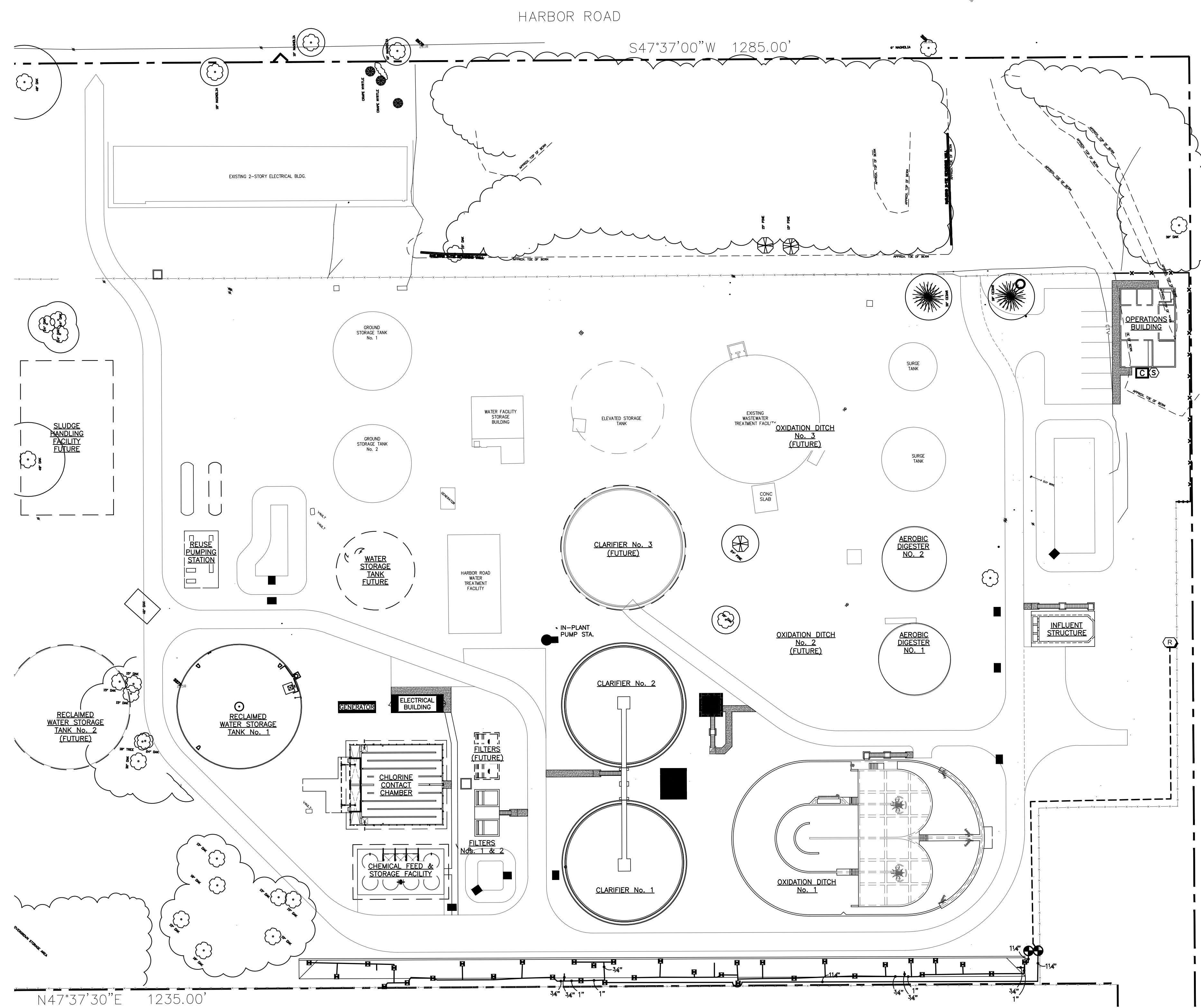
VALVE BOX DETAIL
SCALE: NTS



SLEEVING ROUGH-IN DETAIL
SCALE: NTS



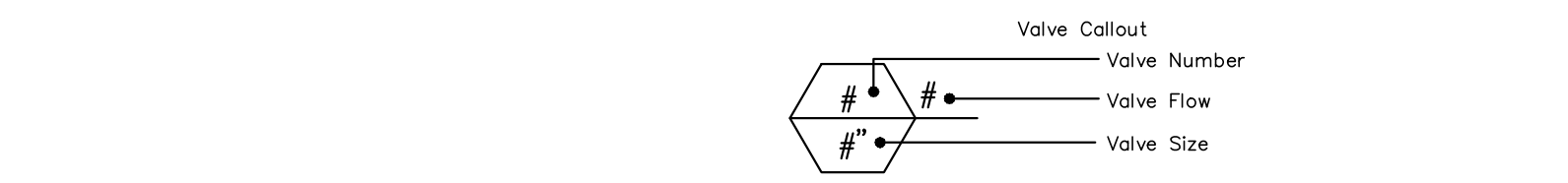
IRREGULAR AREA DIPLINE LAYOUT
SCALE: NTS



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	QTY	ARC	PSI	GPM	RADIUS	PRECIP.
■	Two Rain Bird 1401 bubbler	33x2	360	30	0.50	3'	NA
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PRECIP.				
▨	Area to Receive Dripine Rain Bird XFD-09-1.2 (1.6) XFD On-Surface Pressure Compensating Landscape Dripine, 0.9GPH emitters at 12.0" O.C. Install dripine on both sides of shrubs.	1,300 s.f.	1.1"/hr				
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY					
●	Rain Bird 100HVF in 10" Purple Valve Box. Install Rain Bird 1" PVC ball valve and PRB-QKCHK-100 in Jumbo Purple Valve Box.	2					
C	Rain Bird ESP4Me 4 Station Controller	1					
S	Rain Bird R5D-BEX Rain Sensor	1					
R	Reclaim Water Meter 3/4"	1					
—	Irrigation Lateral Line: PVC Class 200 Purple	1,000 l.f.					
---	Irrigation Mainline: PVC 1-1/4" Class 200 Purple	300 l.f.					

IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR OWN TAKE OFF

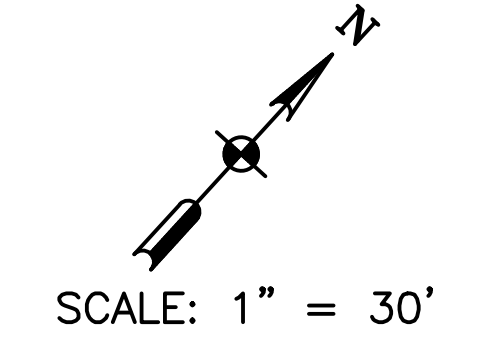


WATERING SCHEDULE

ZONE	GPM	WATER USE	PRECIP. RATE	MAR (2ND SUNDAY) - NOV (1ST SUNDAY) -	
				NDV (< 1ST SUNDAY) DAYS - MINUTES	MAR (2ND SUNDAY) DAYS - MINUTES
1	17.0	LOW	1.1"/hr	TUES / F - 40 MIN	TUES - 40 MIN
2	15.0	LOW	1.1"/hr	TUES / F - 40 MIN	TUES - 40 MIN

ALL IRRIGATION IS LOW WATER USE
 NO WATERING TO TAKE PLACE BETWEEN THE HOURS OF 10:00AM - 4:00PM

Crawford Irrigation Design, Inc.
 IRRIGATION DESIGN AND CONSULTATION SERVICES
 Edgewater, Florida
 Tel: (386) 424-0027
 EMAIL: cid@atlantic.net



DESIGN: JOW
 DRAWN: DHM
 PROJECT: JOW
 MANAGER: JOW
 DATE: 4/15/18
 SCALE: 1" = 1"

NO. DATE BY. REVISION DESCRIPTION

MITTAUER & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 580-1 WELLS ROAD, ORANGE PARK, FLORIDA 32073
 TEL: (904) 278-0030 FAX: (904) 278-0840

CITY OF GREEN COVE SPRINGS
 DEP SRF Harbor Road WWTF
 IRRIGATION PLAN
 Clay County, Florida

JOB No. 19118
 SHEET No. L3.3

Page 125



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Session **MEETING DATE:** February 2, 2021
FROM: Mike Null
SUBJECT: City Council approval of a purchase order to Danella Construction in the amount of \$125,590 to install underground conduit for Electric system improvements. *Andy Yeager*

BACKGROUND

Danella Construction was awarded bid number LC 2020-04 – Annual Contract for Directional Boring Services in January 2020 by the City Council. Staff requested quotes from Danella based on unit pricing in this bid for two projects.

The first project is the installation of conduit under the First Coast Expressway crossing at CR 15A. This project involves the installation of three (3) 6-inch electric conduits and two (2) 4-inch electric conduits for future electric circuits from Chapman substation along with two (2) 2-inch conduits for City fiber installation to support the new electric SCADA system. The quote for this work is \$91,920.

The second project is the installation of conduit along Mill St to support the upcoming Houston Street re-conductor project which will install larger conductor to allow Chapman Circuits 1 and 2 to be tied together in town in the event of damage to either circuit south of Mill St. This project also supports the North Substation Upgrades in the approved CIP budget. This project involves the installation of two (2) 6-inch electric conduits and one (1) 4-inch electric conduit to place the existing electric service underground. The quote for this work is \$33,670.

FISCAL IMPACT

Funding for both projects will come from the \$10.7 Million loan. The first project will be funded from the Chapman 3 circuit installation line item, account number 401-3032-5006524. The second project will be funded from the North and South Substation Upgrades line item, account number 401-3032-5006523.

RECOMMENDATION

Approve purchase order to Danella Construction in the amount of \$125,590 to install underground conduit for Electric system improvements.



Danella Construction Corporation of Florida Quote for:

**GREEN COVE SPRINGS UTILITIES DIRECTIONAL BORE FOR
POWER LOCATED ON S OAKRIDGE AVE CR-15A**

1/27/2021

Item #		Qty	Unit	Amount	Ext.
1	Directional bore and place 3ea 6in flex duct per City of Green Cove plans. Materials to be supplied by City of Green Cove Springs.	800	ft	\$42.90	\$34,320.00
2	Directional bore and place 2ea 4in flex duct and 2ea 2in flex duct per City of Green Cove plans. Materials to be supplied by City of Green Cove Springs. Invoiced at additional pull back above 3 pipes, bored in with 3ea 6in flex ducts. 4 pipes @\$13.00/ft = \$72.00/ft composite price.	800	ft	\$72.00	\$57,600.00

Total Quote \$91,920.00

NOTES:

- **Quote based on estimated footages, invoicing will be actual field footages bored.
- **Pipe materials are to be supplied by City of Green Cove Springs.

Clint Dodson
 Manager
 Danella Construction Corporation of Florida, Inc
 581 Washburn Road, Melbourne, FL 32934
 321-259-6124
cdodson@danella.com



**Danella Construction Corporation of Florida Quote for:
 GREEN COVE SPRINGS UTILITIES DIRECTIONAL BORE FOR
 POWER LOCATED ON MILL ST - HOUSTON ST - WALBURG ST -
 MARTIN LUTHER KING JR BLVD**

1/27/2021

<i>Item #</i>		<i>Qty</i>	<i>Unit</i>	<i>Amount</i>	<i>Ext.</i>
1	Directional bore and place 2ea 6in flex duct per City of Green Cove plans. Materials to be supplied by City of Green Cove Springs.	740	ft	\$31.20	\$23,088.00
2	Directional bore and place 1ea 4in flex duct per City of Green Cove plans. Materials to be supplied by City of Green Cove Springs.	740	ft	\$14.30	\$10,582.00
3	Directional bore and place 1ea 2in flex duct per City of Green Cove plans. Materials to be supplied by City of Green Cove Springs.	740	ft	\$13.65	\$10,101.00

Total Quote \$43,771.00

NOTES:
 **Quote based on estimated footages, invoicing will be actual field footages bored.
 **Pipe materials are to be supplied by City of Green Cove Springs.

Clint Dodson
 Manager
 Danella Construction Corporation of Florida, Inc
 581 Washburn Road, Melbourne, FL 32934
 321-259-6124
cdodson@danella.com

**PROFESSIONAL SERVICES AGREEMENT
BETWEEN THE CITY OF GREEN COVE SPRINGS AND CONTRACTOR**

THIS AGREEMENT is awarded and entered into this 21st day of January, 2020 between the CITY of Green Cove Springs, a political subdivision of the STATE OF FLORIDA hereinafter referred to as the "CITY" and Danella Construction Corporation of Florida, Inc. a Florida Corporation, hereinafter referred to as the "CONTRACTOR".

WITNESSETH

WHEREAS, the CITY desires to obtain the professional services of said CONTRACTOR to provide and perform professional services as further described hereinafter to be referred to and identified as underground Directional Boring and

WHEREAS, the CONTRACTOR hereby certifies that CONTRACTOR has been granted and possesses all necessary, valid, current licenses/certifications to do business in the State of Florida and in the CITY of Green Cove Springs, Florida, issued by the respective State Boards and Government Agencies responsible for regulating and licensing the services to be provided and performed by the CONTRACTOR pursuant to this Agreement; and

WHEREAS, the CONTRACTOR has reviewed the professional services required pursuant to this Agreement and is qualified, willing and able to provide and perform all such professional services in accordance with the provisions, conditions and terms hereinafter set forth; and

WHEREAS, the selection and engagement of the CONTRACTOR has been made by the CITY in accordance with the provisions of the CITY's Purchasing Policy and the solicitation made by the CITY through its BID No. LC 2020-04 (Re-bid) Annual Contract for Directional Boring Services.

WHEREAS, all parties hereto agree with all terms and conditions set forth herein.

NOW, THEREFORE, in consideration of the mutual covenants, terms and provisions contained herein, the parties hereto agree that with the mutual acceptance of this Agreement as indicated hereinafter by the execution of this Agreement by both parties that a Contract shall exist between both parties consisting of:

ARTICLE 1.00 - DEFINITIONS

The following are definitions for the terms associated with this Agreement and are provided to establish a common understanding, between the parties, regarding the intended usage, application, and interpretation of same.

1.01 AGREEMENT - As it relates to the requirement of the work contemplated herein, this Agreement shall include **Exhibit A** and any documentation by reference, and shall constitute the entire agreement or understandings, written or oral, relating to the matters set forth herein. Any prior Agreements entered into by the parties hereto, for other services shall not be affected by this Agreement nor shall they have any affect, whatsoever, on this agreement.

1.02 AMENDMENTS - Any additions, modifications or alterations made to this agreement. All amendments shall be made in accordance with Article 23.00.

1.03 "CONTRACTOR" the individual or firm offering professional services, who has executed this Agreement, and who is legally obligated, responsible, and liable for providing and performing any and all services as required under the covenants, terms and provisions contained herein and any and all Amendments hereto. Any reference hereinafter made to the CONTRACTOR shall also include any employees of the CONTRACTOR, and any SUB-CONTRACTORS or employees thereof, who are engaged by the CONTRACTOR for the purpose of performing professional

Page 1 of 12

services pursuant to this Agreement.

1.04 **"CITY"** a political subdivision of the State of Florida, and any official and/or employees thereof, who shall be duly authorized to act on the CITY'S behalf, relative to this Agreement.

1.05 **"PARTIES"** CITY and the CONTRACTOR as defined hereinabove.

1.06 **"PROFESSIONAL SERVICES"** all services, work, materials and other professional, technical and administrative activities as set forth in **Exhibit A**, which are necessary to be provided and performed by the CONTRACTOR and its employees, and any and all sub-consultants and sub-CONTRACTORS the CONTRACTOR may engage to provide, perform and complete the services required pursuant to the covenants, terms and provisions contained herein.

1.07 **"PROJECT MANAGER"** the CITY's Electrical Director, Steve Howard or his designee. The PROJECT MANAGER shall be responsible for acting on behalf of the CITY to administer, coordinate, interpret and otherwise manage the contractual provisions and requirements as set forth in this Agreement, or any AMENDMENT(S) hereto. The PROJECT MANAGER shall also serve and act on behalf of the CITY, to provide direct contact and communication between the CITY and the CONTRACTOR, providing information, assistance, guidance, coordination, review, approval and acceptance of the professional services, work and materials to be provided and performed by the CONTRACTOR, pursuant to this agreement, and any Amendment(s) hereto. The PROJECT MANAGER shall also review and approve any and all requests, submitted by the CONTRACTOR, for payment of services performed, pursuant to this Agreement.

1.08 **"SUB-CONTRACTOR"** any individual or firm who offers professional services to the CONTRACTOR, to assist providing and performing the professional services, work and materials for which the CONTRACTOR is contractually obligated, responsible and liable to provide and perform under this Agreement. The CITY shall not be a party to, held responsible or liable for, or assume any obligation whatsoever for any provision under any Agreement entered by the CONTRACTOR and any and all SUB-CONTRACTORS.

1.09 **ADDITIONAL DEFINITIONS - RESERVED**

ARTICLE 2.00 - SCOPE OF PROFESSIONAL SERVICES

The CONTRACTOR agrees to provide to the CITY the services identified in **Exhibit A** under the price schedule contained therein.

ARTICLE 3.00 - TERM

The Agreement Term shall terminate one year from beginning contract date, with three additional one-year extensions permitted.

ARTICLE 4.00 FUNDING

This Agreement or any amendments hereto shall be subject to annual funding availability.

ARTICLE 5.00 - OBLIGATIONS OF THE CONTRACTOR

The obligations of the CONTRACTOR, with respect to the services provided herein, shall include, but not be limited to, the following:

5.01 **LICENSES**

The CONTRACTOR agrees to obtain and maintain, throughout the term of this Agreement, and any extensions hereof, all licenses/certifications as required to do business in the State of Florida and the CITY of Green Cove Springs, including, but not limited to, licenses required by any State Boards, or other governmental agencies, responsible for regulating and licensing the professional services provided and performed by the CONTRACTOR pursuant to this Agreement.

5.02 PERSONNEL

(1) Qualified Personnel - The CONTRACTOR agrees to employ and/or retain only qualified personnel where, under Florida law, requires a license, certificate of authorization, or other form of legal entitlement, to practice such services.

(2) CONTRACTOR's Project Manager - The CONTRACTOR agrees to employ and designate, a qualified professional to serve as its Project Manager. The CONTRACTOR's Project Manager shall be authorized to act on behalf of the CONTRACTOR with respect to directing, coordinating and administering all aspects of the professional services to be provided and performed, pursuant to this Agreement, and/or any Amendment(s) hereto. The CONTRACTOR'S Project Manager shall have full authority to bind and obligate the CONTRACTOR on any matter arising under this Agreement or any Amendment(s) hereto, except upon express written agreement of the CITY. The CONTRACTOR agrees that its Project Manager shall devote whatever time is required to satisfactorily manage the professional services performed by the CONTRACTOR, throughout the entire term of this Agreement and any extension hereof. The person or individual selected, by the CONTRACTOR, to serve as its Project Manager is subject to prior approval and acceptance of the CITY.

(3) Removal of Personnel - The CONTRACTOR agrees to promptly replace its Project Manager or any other persons in its employ, including Subcontractors or employees thereof, who were engaged by the CONTRACTOR to perform professional services pursuant to this Agreement, if the CITY requests, with or without cause, that the individuals be stopped from performing professional services under this Agreement.

(4) SUBCONTRACTOR – If the CONTRACTOR utilizes Subcontractor(s) to assist in providing and performing the professional services, CONTRACTOR will solicit and consider Minority-Owned Businesses. Contractor shall also provide the City with all Subcontractor information prior to utilizing them on any City job site.

5.03 STANDARDS OF PROFESSIONAL SERVICE

The CONTRACTOR agrees to provide and perform the professional services set forth in this Agreement, or any Amendments hereto, in accordance with generally accepted standards of professional practice and in accordance with the laws, statutes, ordinances, codes, rules, regulations and policies, of any governmental agencies which may regulate, or have jurisdiction over the professional services to be provided and/or performed by the CONTRACTOR, pursuant to this Agreement.

5.04 INDEMNIFICATION

(1) The CONTRACTOR shall be, and agrees to be and remain liable for any and all damages, losses, and expenses incurred by the CITY caused by the errors, omissions, negligence, or delay(s) of the CONTRACTOR or by any sub-consultant(s) and/or Subcontractor(s) engaged by the CONTRACTOR in providing, performing and furnishing services, work and materials pursuant to this Agreement.

(2) The CONTRACTOR shall be liable and agrees to be liable for and shall indemnify, defend and hold the CITY harmless for any and all claims, suits, judgments or damages, losses and expenses including court costs, expert witness and professional consultation services, and attorneys' fees arising out of the CONTRACTOR'S errors, omissions, negligence, or delay(s), or those of any and all sub-consultants and/or Subcontractor(s) engaged by the CONTRACTOR during the providing, performing and furnishing of services, work and materials pursuant to this Agreement and any and all Amendments thereto.

5.05 NOT TO DIVULGE CERTAIN INFORMATION

During the term of this Agreement and forever thereafter and except for the provisions of paragraphs 17 and 18 below, the CONTRACTOR agrees not to divulge, furnish or make available, to any third party, without the express written permission of the CITY, any non-public information, where such information has not been properly subpoenaed, concerning the services rendered by the CONTRACTOR.

ARTICLE 6.00 - OBLIGATIONS OF THE CITY

6.01 AVAILABILITY OF CITY INFORMATION

At the CONTRACTOR'S request to the PROJECT MANAGER, the CITY agrees to make available all pertinent information, known by the CITY to be available, to assist the CONTRACTOR in providing and performing the professional services required herein. Such information may include, but not be limited to, customer billing information, consumption records, other related data. The CONTRACTOR shall be entitled to reasonably rely on the accuracy and completeness of such information.

6.02 AVAILABILITY OF CITY'S DESIGNATED REPRESENTATIVES

The CITY agrees that the PROJECT MANAGER or their designee shall be available within a reasonable period, with reasonable prior notice, given by the CONTRACTOR, to meet and/or consult with the CONTRACTOR on matters pertaining to the professional services to be provided hereunder. The CITY further agrees that the PROJECT MANAGER shall respond, within a reasonable period, to written requests submitted by the CONTRACTOR.

ARTICLE 7.00 - COMPENSATION AND METHOD OF PAYMENT

7.01 COMPENSATION AND METHOD OF PAYMENT

For the professional services performed by the CONTRACTOR, pursuant to this agreement, the CITY hereby agrees to pay the CONTRACTOR in accordance with the provisions set forth by the State of Florida's Prompt Payment Act (Florida Statutes Section 218.70) and the schedule and provisions as set forth in **Exhibit A**. The CITY will issue out a Task Order for each job to be performed by the Contractor or their Subcontractor, the CONTRACTOR shall then provide the CITY with a cost estimate based upon the pricing submitted in **EXHIBIT A**. The CONTRACTOR shall only be allowed to make one payment draw per month, all draws must be signed off on by the City's Representative who will then present them to the Accounts Payable Department, all draws shall include release of liens from material suppliers or Subcontractors providing goods and services for the support of the CONTRACTOR in performance of this Agreement.

7.02 PAYMENT WHEN SERVICES ARE TERMINATED

(1) In the event of termination of this Agreement by the CITY and not due to the fault of the CONTRACTOR, the CITY shall compensate the CONTRACTOR for: (1) all services performed prior to the effective date of termination; and (2) shall pay the costs of such as set forth in Section 7.01 of this agreement.

(2) In the event of termination of this Agreement, due to the fault of the CONTRACTOR or at the written request of the CONTRACTOR, the CITY shall compensate the CONTRACTOR for: (1) all services completed prior to the effective date of termination, which have resulted in a usable product or otherwise tangible benefit to the CITY; and (2) shall pay the costs of such as set forth in Section 7.01 of this agreement. Any such payments shall be subject to a set-off, for any damages incurred by the CITY, resulting from delays occasioned by the termination.

7.03 PAYMENT WHEN SERVICES ARE SUSPENDED

In the event the CITY suspends the professional services required to be performed, by the CONTRACTOR, pursuant to this Agreement, the CITY shall compensate the CONTRACTOR for all services performed prior to the effective date of suspension and shall pay the costs thereto as set forth in Section 7.01 of this agreement.

7.04 NON-ENTITLEMENT TO ANTICIPATED FEES

In the event the professional services to be performed under this Agreement are terminated, eliminated, canceled, or decreased due to: (1) termination; (2) suspension, in whole or in part; or (3) modification by the subsequent issuance of an Amendment, the CONTRACTOR shall not be entitled to receive compensation for anticipated professional fees, profit, general and or

administrative overhead expenses, or for any other anticipated income or expenses.

ARTICLE 8.00 - TIME AND SCHEDULE OF PERFORMANCE

8.01 TIMELY ACCOMPLISHMENT OF SERVICES

The timely and expeditious completion, by the CONTRACTOR, of all professional services provided under this Agreement, or any Amendments hereto is expected. The CITY will provide the CONTRACTOR with a Task Order detailing the scope of the project for each new task during the term of the project. The CONTRACTOR shall provide a stated time of completion for each task and the CONTRACTOR agrees to employ an adequate number of personnel throughout the period of this Agreement, and any extension hereof, so that all professional services to be provided, pursuant to this Agreement, or any Amendments hereto will be provided, performed and completed in a timely and expeditious manner.

Should the CONTRACTOR not be able to complete the services for a project in accordance with the Scope of Services and Schedule agreed to in **Exhibit A**, the CONTRACTOR shall provide the PROJECT MANAGER a narrative indicating the reasons for the delay within a reasonable period of time prior to the expiration date of the original Task Order. The PROJECT MANAGER shall review this information and either approve the revised schedule as submitted or provide a written response indicating the deficiencies in the schedule. Once the revised schedule has been approved by the PROJECT MANAGER, it shall then become the schedule for the project.

8.02 NOTICE TO PROCEED

A written Notice to Proceed (NTP) will be issued by the PROJECT MANAGER, following the execution of each Task Order. The CONTRACTOR shall only be authorized to commence work after issuance of the NTP. Thereafter, the CONTRACTOR shall commence work promptly and shall carry on all such services as may be required hereunder in a continuous, diligent and forthright manner.

8.03 FAILURE TO PERFORM IN A TIMELY MANNER

Should the CONTRACTOR fail to commence, provide, and/or perform any of the professional services required, pursuant to this Agreement, in a timely, continuous, diligent, professional and expeditious manner, the CITY may consider such failure as justifiable cause to terminate this Agreement.

ARTICLE 9.00 - CONFLICT OF INTEREST

The CONTRACTOR represents that it presently has no interest and shall acquire no interest, either directly or indirectly, which would conflict in any manner with the performance of services required hereunder. The CONTRACTOR further agrees that no person having any such conflict of interest shall be employed or engaged by the CONTRACTOR for performance hereunder.

If the CONTRACTOR, for itself and on behalf of its SUBCONTRACTORS, is about to engage in the representation of another client, who it in good faith believes could result in a conflict of interest with the services being rendered pursuant to this Agreement, then the CONTRACTOR shall promptly bring such potential conflict of interest to the CITY'S attention in writing. The CITY will decide in a timely manner. Upon determination that there is a conflict of interest, the CITY will submit written notice of same to the CONTRACTOR and the CONTRACTOR shall decline the new representation. If the CITY determines that there is not any such conflict, then the CITY shall give its written consent to such representation. If CONTRACTOR accepts such a representation without obtaining the CITY'S prior written consent, and if the CITY subsequently determines that there is a conflict of interest, the CONTRACTOR agrees to promptly terminate such new representation. CONTRACTOR shall require each sub-CONTRACTOR to comply with the provisions of this Section. Should the CONTRACTOR fail to advise or notify the CITY, as provided herein above, of representation, which may, or does, result in a conflict of interest, or should the CONTRACTOR fail to discontinue such representation where a conflict is determined to exist, the CITY

may consider such failure as justifiable cause to terminate this Agreement.

ARTICLE 10.00 - ASSIGNMENT/TRANSFER

Any assignments or transfer of rights, benefits or obligations hereunder shall only be allowed if approved as an amendment pursuant to Article 23.00.

ARTICLE 11.00 - APPLICABLE LAW/VENUE

This Agreement shall be governed by the ordinances of the CITY of Green Cove Springs, the laws, rules, and regulations of the State of Florida, procedural and substantive, and applicable federal statutes, rules and regulations. The venue for any and all litigation, arising under this Agreement, shall lie in Clay County, Florida.

ARTICLE 12.00 - WAIVER OF BREACH

Waiver by the CITY, of a breach of any provision of this Agreement, by the CONTRACTOR, shall not be deemed to be a waiver of any other breach and shall not be construed to be a modification of the terms of this Agreement.

12.01 JURY TRAIL WAIVER

Each Party waives the right to trail by jury on any issues or suits arising hereunder.

ARTICLE 13.00 - INSURANCE COVERAGES

13.01 GENERAL REQUIREMENTS

The CONTRACTOR shall purchase and maintain such insurance meeting the requirements of the CITY of Green Cove Springs and as will protect it from claims set forth below which may arise out of or result from the CONTRACTOR'S execution of the WORK, whether such execution be by himself or by any SUBCONTRACTOR or by anyone directly or indirectly employed by any of them, or by anyone for whose acts may be liable:

Claims under workmen's compensation, disability benefit and other similar employee benefit acts;

Claims for damages because of bodily injury, occupational sickness or disease, or death of his employees;

Claims for damages because of bodily injury, sickness or disease, or death of any person other than his employees;

Claims for damages insured by usual personal injury liability coverage which are sustained (1) by any person as a result of an offense directly or indirectly related to the employment of such person by the CONTRACTOR or (2) by any other person; and

Claims for damages because of injury to or destruction to tangible property, including loss of use resulting there from.

Certificates of Insurance acceptable to the OWNER shall be filed with the OWNER prior to commencement of the WORK. These Certificates shall contain a provision that coverages afforded under the policies will not be cancelled unless at least thirty (30) days prior WRITTEN NOTICE has been given to the OWNER.

The CONTRACTOR shall procure and maintain, at his own expense, during the CONTRACT TIME, liability insurance as hereinafter specified;

CONTRACTOR'S General Public Liability and Property Damage Insurance including vehicle coverage issued to the CONTRACTOR and protecting him from all claims for personal injury, including death, and all claims for destruction of or damage to property, arising out of or in connection with any operations under the CONTRACT DOCUMENTS, whether such operations be by himself or by any SUBCONTRACTOR under him, or anyone directly or indirectly employed by the CONTRACTOR or by a SUBCONTRACTOR under him. Upon award, the bidder shall provide a certificate of insurance providing at least thirty (30) calendar days guaranteed written notice of cancellation and the CITY listed as an additionally insured with the following minimums:

Workmen's Comprehensive: meeting State Statutes
 Product Liability: \$ 100,000 single/\$ 500,000 aggregate
 General Liability: \$ 100,000 single/\$ 500,000 aggregate
 Commercial General Liability: \$ 1,000,000 combined single limit
 Automobile Liability: \$ 500,000 combined single limit
 Owned
 Hired
 Non-owned
 Current Form/Comprehensive Form
 Premises Operations
 Explosion and Collapse Hazard
 Underground Hazard
 Products/Completed Operations Hazard
 Contractual Insurance
 Broad Form Property Damage
 Independent CONTRACTORs

The CONTRACTOR shall acquire and maintain, if applicable, Fire and Extended Coverage insurance upon the PROJECT to the full insurable value thereof for the benefit of the CITY, the CONTRACTOR, and SUBCONTRACTORS as their may appear. This provision shall in no way release the CONTRACTOR or CONTRACTOR'S surety from obligations under the CONTRACT DOCUMENT to fully complete the PROJECT.

The CONTRACTOR shall procure and maintain at his own expense, during the CONTRACT TIME, in accordance with the provisions of the laws of the state in which the work is performed, Workmen's Compensation Insurance, including occupational disease provision, for all of his employees at the site of the PROJECT and in case any work is sublet, the CONTRACTOR shall require such SUBCONTRACTOR similarity to provide Workmen's Compensation Insurance, including occupational disease provisions for all of the latter's employees unless such employees are covered by the protection afforded by the CONTRACTOR. In case any class of employees engaged in hazardous work under this contract at the site of the PROJECT is not protected under Workmen's Compensation statute, the CONTRACTOR shall provide, and shall cause each SUBCONTRACTOR to provide, adequate and suitable insurance for the protection of his employees not otherwise protected.

The CONTRACTOR shall secure, of applicable, "All Risk" type Builder's Risk

Insurance for WORK to be performed. Unless specifically authorized by the CITY, the amount of such insurance shall not be less than the CONTRACT PRICE totaled in the BID. The policy shall cover not less than the losses due to fire, explosion, hail, lightning, vandalism, malicious, mischief, wind, collapse, riot, aircraft, and smoke during the CONTRACT TIME, and until the WORK is accepted by the CITY. The policy shall name as the insured the CONTRACTOR, the ENGINEER, and the CITY.

The CITY shall be specifically included as an additional insured. This does not pertain to workers compensation.

All certificates of insurance must be on file with, and approved by, the CITY before the commencement of any work activities.

ARTICLE 14.00 - DUTIES AND OBLIGATIONS IMPOSED ON THE CONTRACTOR

The duties and obligations imposed on the CONTRACTOR, and the rights and remedies available hereunder shall be in addition to, and not a limitation on, any such duties and obligations or rights and remedies otherwise imposed or available by law or statute.

ARTICLE 15.00 - REPRESENTATION OF THE CITY

The CONTRACTOR, in performing the professional services required pursuant to this Agreement, or any Amendments hereto, shall only represent the CITY in the manner, and to the extent, as specifically set forth in this Agreement or any Amendments hereto.

The CITY will neither assume nor accept any obligation, commitment, responsibility or liability, which may result from a representation by the CONTRACTOR, which is not specifically provided for and or authorized by this agreement or any Amendments hereto.

ARTICLE 16.00 - OWNERSHIP OF DOCUMENTS

All documents, including but not limited to, drawings, tracings, notes, computer files, photographs, plans, specifications, maps, evaluations, reports and any other records or data, specifically prepared and/or developed by the CONTRACTOR, pursuant to this agreement, shall be the property of the CONTRACTOR until the CONTRACTOR has been paid for performing such services as required to produce such documents. The CONTRACTOR shall submit reports and other documents, to the extent directed by the CITY, in the format as specified in **Exhibit A**. Upon natural expiration or termination of this Agreement, of the above documents shall be promptly delivered to and become the properties of the CITY.

The CONTRACTOR, at its expense, may retain copies of all documents, generated pursuant to this Agreement, and subsequently delivered to the CITY, for reference and internal use. The CONTRACTOR shall not use any documents, data and/or information, generated here from, on any other project or for any other client without the express written permission of the CITY.

ARTICLE 17.00 - MAINTENANCE OF RECORDS

The CONTRACTOR shall maintain adequate records and supporting documentation, applicable to all services, work, information, expenses, costs, invoices and materials, provided and performed, pursuant to the requirements of this Agreement. Said records and documentation shall be retained by the CONTRACTOR for a minimum of five (5) years from the date of natural expiration or termination of this Agreement.

The CITY and its authorized agents shall, after providing reasonable notice, have the right to audit, inspect and copy all such records and documentation, as often as the CITY deems necessary during the term of this Agreement, and during the five (5), year period thereafter, as required above, provided that such activity is conducted during normal business hours and at the expense of the CITY.

ARTICLE 18.00 – PUBLIC RECORDS REQUIREMENTS

Notwithstanding any provision in this agreement to the contrary, the following public records requirements shall apply:

The CONTRACTOR, or provider of services hereunder, shall allow public access to all documents, papers, letters, or other material subject othe provisions of Chapter 119, Florida Statutes, made or received by the CONTRACTOR in conjunction with this Contract. Specifically, the CONTRACTOR must:

- (1) Keep and maintain public records that ordinarily and necessarily would be required by the CITY in order to perform the services being performed by the CONTRACTOR.
- (2) Provide the public with access to public records on the same terms and conditions that the CITY would provide the records and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.
- (3) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law.
- (4) Meet all requirements for retaining public records and transfer at no cost to the CITY for all public records in possession of the CONTRACTOR upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the CITY in a format that is compatible with the information technology systems of the CITY.

The City's point of contact for all Public Records requests is Erin West, City Clerk, ewest@greencovesprings.com.

The CONTRACTOR shall promptly provide the CITY with a copy of any request to inspect or copy public records in possession of the CONTRACTOR and shall promptly provide the CITY a copy of the CONTRACTOR's response to each such request. Failure to grant such public access will be grounds for immediate termination of this Contract by the CITY.

THIS ARTICLE WILL BE DEEMED TO APPLY TO ALL SERVICE CONTRACTS UNLESS THE CONTRACTOR CAN DEMONSTRATE BY CLEAR AND CONVINCING EVIDENCE THAT IT IS NOT ACTING ON BEHALF OF THE CITY UNDER FLORIDA LAW.

ARTICLE 19.00 - HEADINGS

The HEADINGS of any Articles, Sections, and/or Attachments, to this Agreement, are for convenience only and shall not be deemed to expand, limit or change any of the provisions contained herein.

ARTICLE 20.00 - RESERVED

ARTICLE 21.00 - NOTICE AND ADDRESS OF RECORD

21.01 NOTICE BY CONTRACTOR TO CITY

All notice to the CITY, pursuant to this Agreement, shall be made in writing and shall be delivered through the United States Postal Service, first class mail, postage prepaid and addressed to the following, CITY, address of record:

The City of Green Cove Springs
City Hall - Finance Department – Bid No. LC-2020-02
321 Walnut Street
Green Cove Springs, Florida 32043

21.02 NOTICES BY CITY TO CONTRACTOR

All notices to be given to the CONTRACTOR, pursuant to this agreement, shall be made in writing and shall be delivered through the United States Postal Service, first class mail, postage prepaid and addressed to the following, CONTRACTOR'S address of record:

Contractor Info
Danella Construction Corporation of Florida, Inc.
Thomas M. Schinske, Vice-President
581 Washburn Road

Melbourne, FL 32934

21.03 CHANGE OF ADDRESS OF RECORD

Either party may change its address of record, at any time, by written notice to the other party given in accordance with the requirements as set forth in Article 20.01, above.

ARTICLE 22.00 - TERMINATION

22.01 GENERAL PROVISIONS

This Agreement may be terminated by the CITY or the CONTRACTOR, with or without cause by giving thirty (30) days written notice to the other party as required in Article 20.00 above.

22.02 TERMINATION DUE TO BANKRUPTCY OR INSOLVENCY

If the CONTRACTOR is adjudged bankrupt or insolvent, if it makes a general assignment for the benefit of its creditors, if a trustee or receiver is appointed for the CONTRACTOR or for any of its property or if it files a petition to take advantage of any debtor's act or to reorganize under bankruptcy or other similar laws the CITY may, without prejudice to any other right or remedy, and after giving the CONTRACTOR written notice, terminate this Agreement.

22.03 CONTRACTOR TO DELIVER MATERIAL

Upon termination for any reason, the CONTRACTOR shall promptly deliver to the CITY all documents, papers, drawings, models, or any other materials, which the CITY has exclusive rights, by virtue of this Agreement or any other services performed by the CONTRACTOR on behalf of the CITY.

ARTICLE 23.00 - AMENDMENTS

The covenants, terms, and provisions contained herein may be amended, altered and/or modified upon express written consent of the parties hereto. In the event of conflicts between the covenants, terms, and/or provisions hereof, and any amendment(s) hereto, the latest executed Amendment(s) shall take precedent.

ARTICLE 24.00 ADMINISTRATIVE PROVISIONS

In the event the CITY issues a purchase order, memorandum, letter, or other instruments addressing the professional services, to be provided and performed pursuant to this Agreement, it is hereby specifically agreed and understood that such purchase order, memorandum, letter or other instruments are for the CITY'S internal control purposes only, and any and all terms, provisions, and conditions contained therein, shall in no way modify the covenants, terms and provisions of this Agreement, or any amendments hereto, and shall have no force or effect hereon.

ARTICLE 25.00 - ACCEPTANCE

Acceptance of this Agreement shall be indicated by the signature of the duly authorized representative of the parties hereto, in the space provided, and be attested to as indicated hereafter.

IN WITNESS WHEREOF, the parties hereto, by their duly authorized representatives, have executed this Agreement effective this 21st day of January, 2020.

CITY OF GREEN COVE SPRINGS, FLORIDA

CITY OF GREEN COVE SPRINGS, FLORIDA

By: 
B. Steven Kelley, Mayor

By: 
Steve Kennedy, City Manager

ATTEST: Erin West
Erin West, CITY CLERK

Approved as to form only.
[Signature]
L.J. Arnold III, CITY ATTORNEY

CONTRACTOR -
By: Thomas M. Smith, Sr.

Whitney D. Tizell
Witness as to CONTRACTOR

EXHIBIT "A"

SCOPE OF WORK:

The City of Green Cove Springs Utilities is requesting bids from qualified contractors to perform directional boring and/or trenching/conduit operations to assist in installing underground electric lines. The amount of work required for the calendar year has no guaranteed quantities.

The Successful Bidder will be retained by the City for a one-year period with a provision to extend the contract for, four (4) additional one-year terms. The City shall have the option to award specific projects to the successful bidder as they arise.

The scope of work will include in-ground boring and perhaps trenching in sizes from 2 ½ inches to 6 inches, and the installation of a minimum ½” mule tape from each end of installation, will assist in the creation of full-conduit distribution primary, secondary and service installations with the City’s Utility Service Area. Additional scope of work may include backfill, and removing spoils from the trenching/directional boring, compacting and re-landscaping with various materials. The City will provide mapping for all work to be done prior to the commencement of each project.

BID ACKNOWLEDGEMENT

THIS BID SUBMITTED BY: Danella Construction Corporation of FL Inc.

Company Name
581 Washburn Rd. Melbourne, FL 32934

Mailing Address

1. The undersigned Bidder proposes and agrees, if this bid is accepted, to enter an agreement with City in the form included in the Contract Documents to perform and furnish all work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this bid and in accordance with the other terms and conditions of the Contract Documents.
2. Bidder accepts all the terms and conditions of the Invitation for Bid and Instructions to Bidders, including without limitation those dealing with the disposition of bid security. This bid will remain subject to acceptance for ninety (90) days after the day of bid opening. Bidder will sign and submit the Agreement with the Bonds and other documents required by the Bidding Requirements within ten (10) days after the date of City's Notice of Award.
3. In submitting this bid, Bidder represents, as more fully set forth in the Agreement, that:
 - (a) Bidder has examined copies of all the Contract Documents and of the following Addenda (receipt of all which is hereby acknowledged.)

Addendum No: _____ Dated: _____

Addendum No: _____ Dated: _____

Addendum No: _____ Dated: _____

Addendum No: _____ Dated: _____

- (b) Bidder has familiarized himself with the nature and extent of the contract documents, work, site, locality, and all local conditions and law and regulations that in any manner may affect cost, progress, performance or furnishing of the work.

- (c) Bidder has obtained and carefully studied (or assumes responsibility for obtaining and carefully studying) all such examinations, investigations, explorations, tests and studies which pertain to the subsurface or physical conditions at the site or otherwise may affect the cost, progress performance or furnishing of the work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents, and no additional

City's Designated Representative (regarding this Bid Package): Laurie Copeland, Assistant Finance Director, at (904) 297-7500 ext. 3323; Steve Howard with Technical questions at showard@greencovesprings.com.

The Contractor shall obtain and be responsible for securing all necessary permits, consent or permission of the proper public authorities and/or property owners or their authorized agents before trimming and removing any trees or brush, or performing any other work, unless consent has been obtained by the owner and furnished to the Contractor in writing. Tree removal permits will be obtained as required under the City Code.

INSPECTION

The City shall make any and all inspections to assure conformance with the conditions of the Contract. If, upon inspection, nonconformance is found, the Contractor shall promptly make all corrections needed to conform.

COMPLIANCE WITH LAWS

Contractor shall comply with all applicable federal, state and local laws and codes regarding working conditions, hours of employment, overtime regulations, methods and rates of pay and any other regulations regarding employer-employee relationships.

Contractors shall provide, at Contractor's expense, all tools of the trade and equipment necessary to perform the work to the City of Green Cove Springs specifications.

BID SCHEDULE

NOTES:

1. All bid prices shall be inclusive of all labor, equipment, and testing costs including sales tax and all other applicable taxes and fees. Contractor to be responsible for all permit fees except City's.
2. Contractor understands that the Bid pricing shall be lump sum, not unit.
3. The Bidder agrees to perform all the work described in the Contract Documents for the lump sums or the unit prices, if indicated, as submitted below.
4. All work required to complete this Contract shall be included in various bid items.
5. It is the intention of the City to award a contract to the lowest responsible and responsive Bidder based on the total amount of the bid.
6. Enter Bid Total amount in space provided.
7. Any discrepancy between the written and numerical, the written prevails.

The work shall be completed within 120 calendar days of the Notice to Proceed. However, the contractor shall specify time of completion which will be included as a component of the bid evaluation. The City has obtained all rights-of-way for the project to the extent that is required. The contractor shall comply with all provisions of the permits and right-of-way agreements during the execution of the project. Completion of the job may include restoration of concrete, asphalt, road base, dirt and other materials in order to restore the area to a condition at least

DANELLA®

January 8, 2020

LC 2020-04 Annual Contract for Directional Boring Services – Price Sheet

Item	Unit description	Unit	Quantity	Price Per Unit
1	Directional Bore (1) 2-1/2" Pipe/ft	Ft	UNK	\$13.65
2	Directional Bore (2) 2-1/2" Pipe/ft	Ft	UNK	\$17.55
3	Directional Bore (3) 2-1/2" Pipe/ft	Ft	UNK	\$20.15
4	Directional Bore (1) 3" Pipe/ft	Ft	UNK	\$14.30
5	Directional Bore (2) 3" Pipe/ft	Ft	UNK	\$17.55
6	Directional Bore (3) 3" Pipe/ft	Ft	UNK	\$22.75
7	Directional Bore (1) 4" Pipe/ft	Ft	UNK	\$14.30
8	Directional Bore (2) 4" Pipe/ft	Ft	UNK	\$22.75
9	Directional Bore (3) 4" Pipe/ft	Ft	UNK	\$28.60
10	Directional Bore (1) 6" Pipe/ft	Ft	UNK	\$19.50
11	Directional Bore (2) 6" Pipe/ft	Ft	UNK	\$31.20
12	Directional Bore (3) 6" Pipe/ft	Ft	UNK	\$42.90
13	Additional pipe pull back above 3 pipes (up to 6")	Ft	UNK	\$13.00
14	Trench (any method), 30" to 42" depth, Install conduit and warning tape/ft	Ft	UNK	\$6.50
15	Single Cable, 1/0 URD (install by Plow Method 42"-48")/Ft	Ft	UNK	\$6.50
16	Each additional cable, 1/0 URD (Multiple-cables by Plow method/ft)	Ft	UNK	\$1.30
17	Crew Rate - Directional Bore Crew - EMERGENCY - After Hours work.	Hr	UNK	\$244.40
18	Crew Rate - Back-hoe Crew - EMERGENCY - After Hours work.	Hr	UNK	\$140.40

Exclusion – the pricing provided is per foot. Material (i.e. pipe, couplings, and ½" muletape) is provided by The City of Green Cove Springs.

POLICY RELATING TO THE EMPLOYMENT OF SMALL AND MINORITY BUSINESSES

DEFINITIONS

1. **SMALL BUSINESS** – An independently owned and operated business concern which employs twenty-five (25) or fewer permanent full-time employees, and which has a net worth of not more than one million dollars as applicable to sole proprietorships. The one-million-dollar net worth requirement shall include both personal and business investments.
2. **MINORITY BUSINESS ENTERPRISES** - Any small business concern which is organized to engage in commercial transactions, which is at least fifty-one (51) percent owned by minority persons and whose management and daily operations are controlled by such persons. A minority business enterprise may primarily involve the practice of a profession.
3. **CERTIFIED MINORITY BUSINESS ENTERPRISE** - A business enterprise which has been verified by the State of Florida Department of General Services as a minority business enterprise in accordance with the provision of the Small and Minority Business Assistance Act of 1985.
4. **MINORITY PERSONS**- "minority" is defined in Ch. 288.703, Florida Statutes as African American, Hispanic American, Asian American, Native American or American Woman.

ACTION PLAN

In that the City of Green Cove Springs will continuously seek to administer programs funded in part or in total by allocations directly or indirectly from the U.S. Department of Housing and Urban Development, the City will be bound by the provisions of Section III of the Housing and Urban Development Act of 1986, the Equal Opportunity Act, Executive Order 11246, and the City's desire to enhance the opportunities for small and minority businesses and local businesses to participate in contracts with the City.

To accomplish this objective, the City Council establishes and implements the following steps to insure the deployment of affirmative action in expenditures for contractual services, commodities, and construction contracts.

1. To utilize the news media, Chamber of Commerce, State Department of General Services, local advertising services, citizen advisory boards, regional planning councils, listing by federal agencies, and other appropriate sources to identify small and minority business concerns for possible involvement with the City contracts.
2. To maintain and update the listing of small and minority businesses concerns and notify them of contracting opportunities with the City.
3. To maintain records (copies of memoranda, general correspondence, etc.). To determine that all steps in the action plan have been followed.
4. To establish or utilize an existing position to function and the Equal Opportunity Officer to coordinate the implementation of the Affirmative Action Plan with operators of City administered or City funded projects and programs.

POLICY RELATING TO THE EMPLOYMENT OF SMALL AND MINORITY BUSINESSES

It shall be the policy of the City of Green Cove Springs to require each department, agency, entity, or agent of the City to promote and assist small and minority businesses in gaining entry to do business with the City of Green Cove Springs. By assisting small and minority businesses, the City will help to expand and develop the small and minority business section in and around the City of Green Cove Springs.

For projects assisted by programs providing direct financial assistance from the U.S. Department of Housing and Urban Development (HUD), the City will include the Section III clause of the Housing and Urban Development Act of 1968 in all contracts for work connected with the projects. The City will also comply with the Section III clause which requires:

1. To the greatest extent feasible; opportunities for training and employment are given to low income project area residents.
2. To the greatest extent feasible, contract for work in connection with the project will be awarded to businesses located in or owned in substantial part by persons residing in the project area.
3. Certifying that parties to the contract are under no obligation which would prevent them from complying.
4. Ensuring that the contractor will send labor organizations with which he has had a collective bargaining agreement, a notice stating his commitments under this section and post this notice in places available to employees.
5. Ensuring that the contractor will include a "Section III Clause" in every subcontract, and
6. Ensuring that the contractor will not subcontract with anyone that has previously violated Section III requirements.
7. Obligate the contractor to provide a preliminary statement of work force needs prior to signing the contract.

8. Include Section III requirements in bid invitations and contract specifications.
9. Cooperate with secretary of Housing and Urban Development in obtaining compliance from the recipient's contractors,
10. Submit to compliance reviews by HUD when necessary, and,
11. Permit HUD access to all required records, accounts, reports books, etc.

NON-BIDDER'S RESPONSE

Should for any reason the vendor/contractor receiving this Bid Invitation package decline to make a proposal please assist us by completing the information requested below and returning it to:

City Hall
Attn: Laurie Copeland 321 Walnut Street
Green Cove Springs, FL 32043

Please be sure "**NO BID**" and **Bid No LC 2020-04**, clearly shown on the package of this Bid Invitation are clearly shown on the outside of the envelope.

We are not responding to this Bid Invitation for the following reason(s).

- 1. We do not provide the nature of products or services requested in this bid.

- 2. We are unable to meet the Specifications requested in the bid.

- 3. We are unable to comply with other terms of this Bid Invitation. _____

*Please provide details: _____

- 3. The bid was too restrictive.

- 4. The bid was not sufficiently clear.

Other comments:

Vendor/Contractor: _____

Address: _____

Phone: _____

SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(a), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to The City of Green Cove Springs

(print name of the public entity)

by Thomas M. Schinske Vice President

(print individual's name and title)

for Danella Construction Corporation of FL Inc.

(print name of entity submitting sworn statement)

whose business address is 581 Washburn Rd. Melbourne, FL 32934

and (if applicable) its Federal Employer Identification Number (FEIN) is 59-2453991

(If the entity has no FEIN, include the Social Security Number of the Individual signing this sworn statement:

.)

- 2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision or any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
- 3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
- 4. I understand that an "affiliate" as described in paragraph 287.133(1)(a), Florida Statute, means:
 - a. A predecessor or successor of a person convicted of a public entity crime; or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person or a pooling of equipment or income among persons when not for fair market value under

an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered affiliate.

c. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

d. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement.

Indicate which statement applies:

~~-----X-----~~ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. **(attach a copy of the final order)**

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THOROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

[Handwritten Signature]

Signature

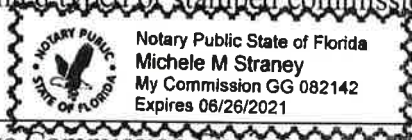
Sworn to and subscribed before me this 8 day of JANUARY, 20 20

Personally know: Vice President Title:

OR produced identification Michele M Straney Notary Public -State of

6/26/21 My commission expires

Printed typed or stamped commissioned name of notary public



Date Commission Expires

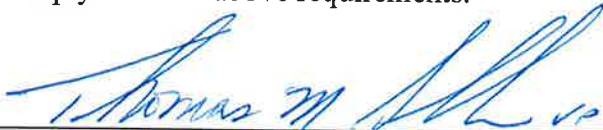
DRUG-FREE WORKPLACE COMPLIANCE FORM

In order to have a drug-free workplace program, a business shall abide as follows:
The undersigned vendor/contractor in accordance with Florida Statue 287.087 hereby certifies that Danella Construction Corporation of FL Inc. (name of business) does:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the company's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees or drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under proposal a copy of the statement specified in item 1, above.
4. In the statement specified in item 1, notify the employees that as a condition of working on the commodities or contractual services which are under proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to any violation of Chapter 1893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that,

Danella Construction Corporation of FL Inc (name of business), fully complies/does not comply with the above requirements.



Vendor/Contractor Signature

Date

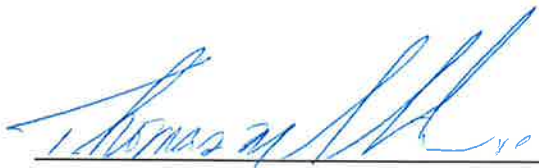
1/8/2020

TITLE: Underground Primary Triplex Cable Installation Bid

CLARIFICATIONS AND EXCEPTIONS

Bidder hereby agrees that the equipment or service offered will meet all the requirements of the specifications in this bid unless deviations from them are clearly indicated on this form below. An authorized representative must sign the Clarifications and Exceptions Form. An explanation must be made for each item in which an exception is taken, giving in detail the extent of the exception and the reason for which it is taken.

Exclusion – the pricing provided is per foot. Material (i.e. pipe, couplings, and ½” muletape) is provided by The City of Green Cove Springs.



1/8/2020

Vendor/Contractor Signature

Date

**STANDARD ADDENDUM TO ALL
CITY CONTRACTS AND AGREEMENTS**

Any other provisions of the Contract or Agreement to which this Standard Addendum is attached to the contrary notwithstanding, the parties specifically agree that the provisions hereinafter set forth will apply exclusively with respect to the matters addressed, whether addressed in said Contract or Agreement or not, and shall be deemed an integral part of said Contract or Agreement as if duly set out therein, having a force and effect of equal or superior dignity, as applicable, with the provisions thereof; provided, that if the provisions of the Contract or Agreement address a particular matter in a manner which results in a lower cost to the City than this Standard Addendum, then such provisions of the Contract or Agreement shall control and supersede the applicable provisions hereof (as used herein, the term "Contractor" means the vendor or other party in the Contract or Agreement providing construction, labor, materials, professional services, and/or equipment to the City thereunder; the term "City" means Green Cove Springs, a municipal corporation of the State of Florida, its City Council, or any other name or label set forth in the Contract or Agreement identifying such entity).

1. All payments for services rendered, or supplies, materials, equipment and the like constructed, delivered or installed under the Contract or Agreement (the Work) shall be made by the City in accordance with the Local Government Prompt Payment Act (the Act). Upon receipt of a proper statement, invoice or draw request, the City shall have the number of days provided in the Act in which to make payment.
2. Any work or professional services sub-contracted for by the Contractor for which the City has agreed to reimburse the Contractor shall not be marked up but shall be payable by the City only in the exact amount reasonably incurred by the Contractor. No other such sub-contracted services shall be reimbursed.
3. In the event the Contract or Agreement is for professional services, charged on a time basis, the City shall not be billed or invoiced for time spent traveling to and from the Contractor's offices or other points of dispatch of its sub-contractors, employees, officers, or agents in connection with the services being rendered.
4. The City shall not be liable to reimburse the Contractor for any courier service, telephone, facsimile, or postage charges incurred by the Contractor, except as follows, and then only in the exact amount incurred by the Contractor [if the space below is left blank, then "NONE" is deemed to have been inserted therein]:
5. The City shall not be liable to reimburse the Contractor for any copying expenses incurred by the Contractor, except as follows, and then only at \$0.05 per page [if the space below is left blank, then "NONE" is deemed to have been inserted therein]:

6. If and only if travel and per diem expenses are addressed in the Contract or Agreement in a manner which expressly provides for the City to reimburse the Contractor for the same, then the City shall reimburse the Contractor only for those travel and per diem expenses reasonably incurred and only in accordance with the provisions of Section 112.061, Florida Statutes or as otherwise limited by Florida law. In the event the Contractor has need to utilize hotel accommodations or common carrier services, the City shall reimburse the Contractor for his, her, or its reasonable expense incurred thereby provided prior written approval of the City Manager of the City or his or her designee is obtained.
7. With respect to drawings and/or plans prepared on behalf of the City by the Contractor under the Contract or Agreement, unless specifically provided otherwise therein, complete sets of such drawings and/or plans shall be reproduced by the Contractor without cost to the City for all bidders requesting the same, and five (5) complete sets of such drawings and/or plans shall be reproduced and delivered to the City without cost.
8. With respect to any indemnification by the City provided under the Contract or Agreement, any such indemnification shall be subject to and within the limits set forth in Section 768.28, Florida Statutes, and shall otherwise be limited as provided by law.
9. In that the City is a governmental agency exempt from sales tax, the City shall pay no such taxes, any other provisions of the Contract or Agreement to the contrary notwithstanding. The City shall provide proof of its exempt status upon reasonable request.
10. Any pre-printed provisions of the Contract or Agreement to the contrary notwithstanding, the same shall not automatically be renewed but shall be renewed only upon subsequent agreement of the parties.
11. The Contractor acknowledges that in the budget for each fiscal year of the City during which the term of the Contract or Agreement is in effect, a limited amount of funds is appropriated which are available to make payments arising under the Contract or Agreement. Any other provisions of the Contract or Agreement to the contrary notwithstanding, and pursuant to applicable Florida Statutes, the maximum payment that the City is obligated to make under the Contract or Agreement from the budget of any fiscal year shall not exceed the appropriation for said fiscal year.

CITY OF GREEN COVE SPRINGS

CONTRACTOR

By: Thomas m. Schinske Vice President

(Printed Name and Title)



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD**

THE UNDERGROUND UTILITY & EXCAVATION CO HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

SCHINSKE, THOMAS M

DANELLA CONSTRUCTION CORPORATION OF FL INC
1140 ATZ ROAD
MALABAR FL 32950

LICENSE NUMBER: CUC056822

EXPIRATION DATE: AUGUST 31, 2020

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.





STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: Regular Meeting **MEETING DATE:** February 2, 2021
FROM: Steve Kennedy
SUBJECT: City Council approval of adjustments to the Electric Department Wages

BACKGROUND

As we continue with getting some great department heads on board to join our existing great team, we realize that they bring experience, knowledge and perspective to the City that we may not have had prior to their arrival. The latest addition of Andy Yeager, Electric Director, is no exception to this situation. Since Andy's arrival, we have been looking at open positions for Linemen. While our salary range for the lineman position is not bad and is better than it use to be, we are still having some difficulty with getting interest from the more qualified applicants. There seems to be something strategic about getting the starting salary for some of these very qualified applicants to the \$40.00/hour level. We have reviewed the current budget and feel that we can make the necessary internal adjustments to get our existing and new Linemen to that level and move forward with getting these qualified applicants on board without increasing the current budget for the Electric department. The financial impact for the remainder of the year will be about \$18,000 and we submit the items below to match this impact.

Additionally, with the vacancies that we have had from October 1, 2020 through now, we expect to see a reduction of \$58,000 in the Personal Services budget anyway so these adjustments would still keep the department under budget.

We thank you for considering the related salary changes for our linemen positions so that we can get top quality team members on board and not continue to go through this hire/quit/hire cycle for just over \$3.00 per hour.

FISCAL IMPACT

RECOMMENDATION

Approve the Adjustments to the Electric Department Wage

FMPA Monthly Report

February 2021

Rate Call

The average price of natural gas for the month was \$2.56. Daily natural gas prices have fluctuated in the \$2.40 - 2.85 range. The forward pricing curve is approximately 2% above the FY21 budgeted natural gas price.

The peak for the month occurred on 26 December at 7AM.

Natural gas accounted for 66% of the generation mix. Coal was 20% and nuclear was 6%. Solar generation was 1%.

The Vero Beach cost recovery account stands at \$6.3 million. This is \$6.1 million below the planned target.

Board of directors

The Board of Directors approved the External Audit Report and Financial Statement for September, 2020. The audit was a clean audit.

Information items included a quarterly HR update, Solar Project update, CO2 reduction opportunities and challenges (presentation attached) and a SolarWinds cybersecurity breach update.

The first quarter Management Scorecard is also attached for your review.

Executive Committee

The Executive Committee approved the External Audit Report and Financial Statement for September, 2020.

Information items were a revision to the Agency Spending Authority due to organizational changes, revision to natural gas storage commitment and an update on debt strategy.

Policy Maker Liaison Committee

The PMLC heard an update on the first quarter Management Scorecard, CO2 reduction opportunities and challenges, a Federal Legislative update, SolarWinds cybersecurity breach update and a preview of the FMPA Strategic Planning workshop to be held in February.

The Federal legislative update highlighted the addition of five new members to the House Energy Committee, the Clean Future Act will be introduced very early in the House session and a priority for appointment approval will be a commitment to green and clean economy and environment.

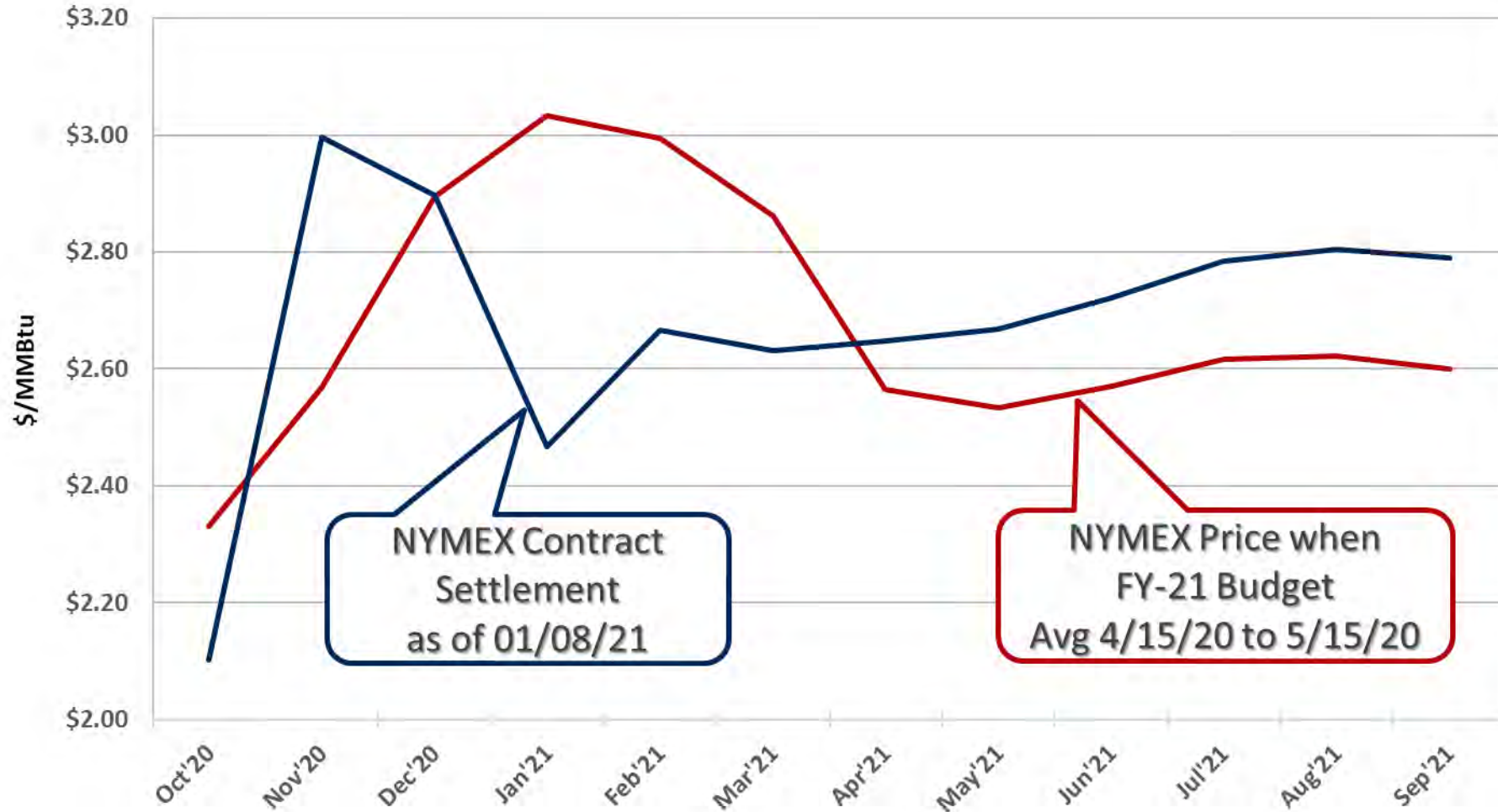
Fiscal 2021 Management Goals through December 31, 2020

Item #16.

Goal	Status	Actual	YTD Actual	YTD Target	FY'21 Target	Comment
1.Safety	Lost-time Accidents	0	1	0	0	No lost time accidents for Dec.
	OSHA Recordables	0	1	0	0	
2.Compliance	Environmental	0	0	0	0	Staff awaiting submittal of a self-report for a NERC CIP violation related to a GE monitoring network connection
	Financial	0	0	0	0	
	Regulatory	0	0	0	0	
3.Low Cost (\$/MWh)	Under \$70/MWh	\$70.18 *	\$69.48 *	\$74.77	< \$70.00	* Estimates. YTD December 2020 MWh sales 5.6%> budget. All-in Costs \$5/MWh (~8%) < YTD target due to O&M (10%), assigned Project Costs (10%) and Admin & General (17%) < target, but TXMS Expenses (4%) above target.
	Fuel	\$21.70 *	\$20.37 *	\$20.99	\$22.19	
	Non-Fuel	\$48.48 *	\$49.11 *	\$53.78	\$47.81	
4.Stanton I and Stanton II Decision from OUC to reduce power costs and emissions						Staff working with OUC to obtain conversion capital estimates and work with FGU and FGT on natural gas supply requirements

FY 2021 NYMEX Contract \$0.00/MMBtu Deviation from Budget

NYMEX Natural Gas FY21 October Settlement (01/08/21)



Goal	Status	Actual	YTD Actual	YTD Target	FY'21 Target	Comment
5.Cyber Security	Breaches	0	0	0	0	
	Phishing tests	2.7%	4.6%	5% or <	5% or <	2 people clicked in Dec. Holiday Gift Exchange Invitation link.
	Member assessments	1	1	1	5	3 assessments - in progress
6.Reliability	CC EAF	97.5%	89.0%	85.9%	90%	TCEC was in outage.
	SI black start and trans. backup	0	1	1	100%	
	SAIDI Reduction	3	3	3.3	10	Williston coordination review, Bartow TripSavers, Blountstown coordination review
7.Member Services	Leadership member visits	6	22	18.75	75	6 member cities visited by senior leadership team
	Projects managed for members	0	6	5	20	
8.Value of Muni	Member info updates	0	0	4	16	Report development in progress
	Presentations Social media	2	5	2.5	10	Newberry, Starke, Leesburg, Lake Worth Beach, Chattahoochee

Goal	Status	Actual	YTD Actual	YTD Target	FY'21 Target	Comment
9.Load Management	Dev. opportunities for 5 MW	0	0		5	Workshop scheduled in March, Staff continuing understanding of Members' capabilities
10.Financing	Restructure debt	0	0	0	1	RFPs received in December
	Extend debt to include R&R funding	0	0	0	1	Info item to EC in January
	Prepd gas min. svgs. Of \$0.20/mmBtu	0	0	0	1	
11.Transmission	Neg. service upgrade for LWB & Homestead					Ongoing design meetings on schedule
12.People	360 training for Leadership & mgmt.	5	5	1.84	11	5 Completed. Next 6 will begin in March.
	Mgmt. outreach to diverse prof. groups	1	2	.5	3	Jacob - AABE membership Linda – NABA membership; contact at NSBE
	Individual development plans	9	9	12.5	50	6 developed first week of January (not included in this number)
	FMPA Fleet Team Sharing – Days	24	58	17	100	FMPA to Stock Island 24 days.

Elements of President Biden's Plan for Clean Energy Future

Very Aggressive Reduction in CO₂ Emissions

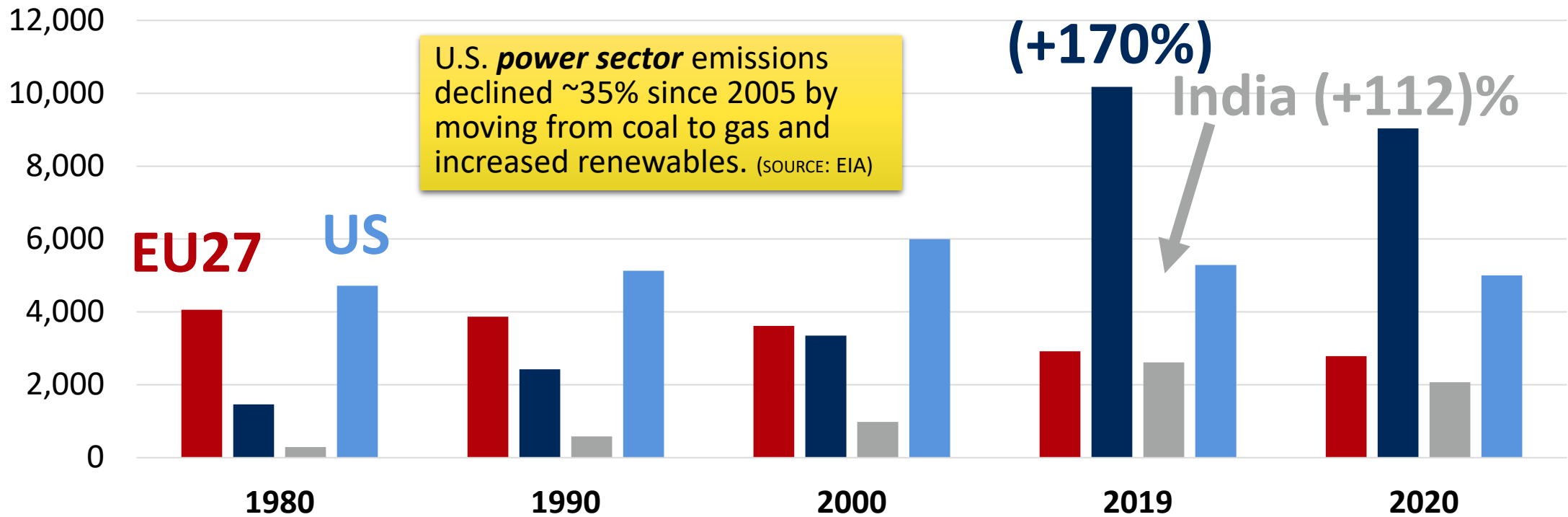
- **Power Sector:** Achieve a carbon-free power sector by 2035
- **Innovation:** Invest in clean energy technologies, including battery storage, negative emissions technologies, next generation building materials, renewable hydrogen, and advanced nuclear
- **Auto Industry:** Incentives for consumers and manufacturers to invest in zero-emission vehicles; public investment in EV infrastructure
- **Transit:** Invest in zero-emission public transportation

CO₂ from China & India Offset Declines from U.S. & EU

U.S. Emissions Declined ~17% Since 2000, Back to 1990 Level

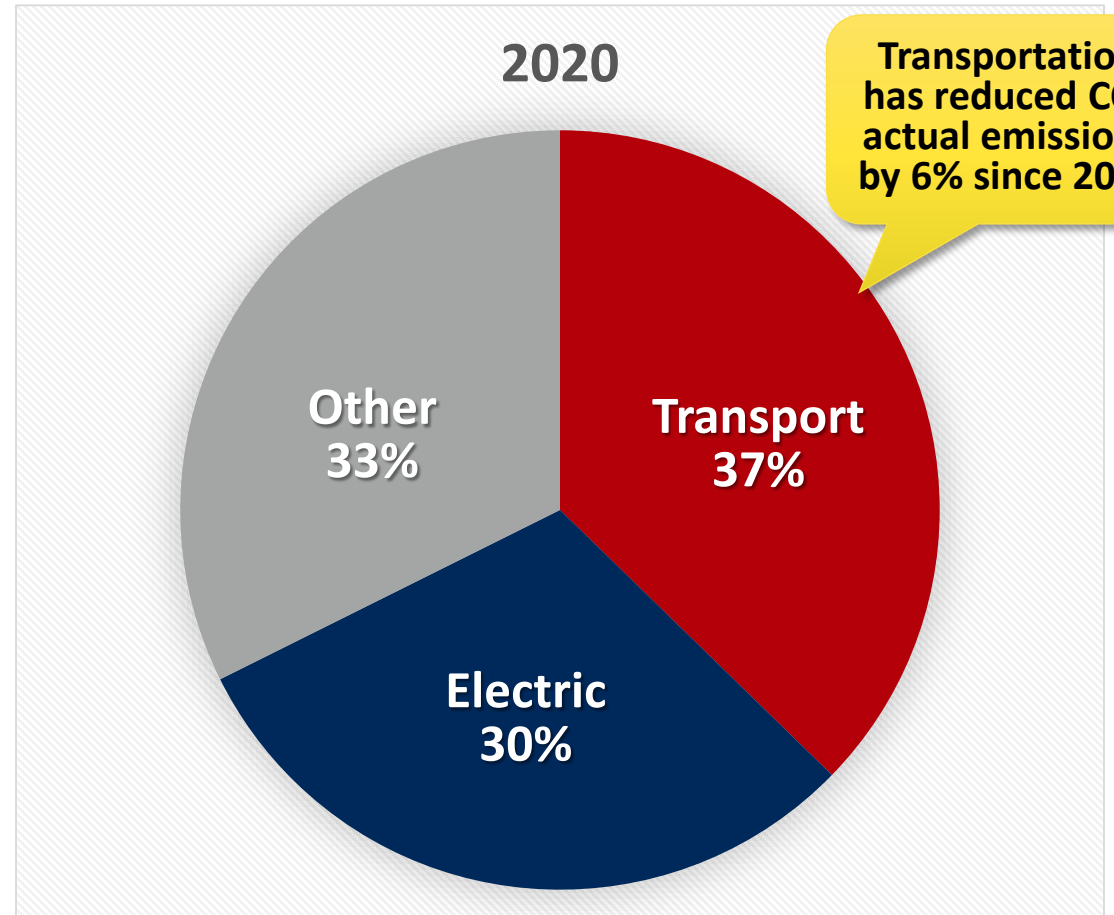
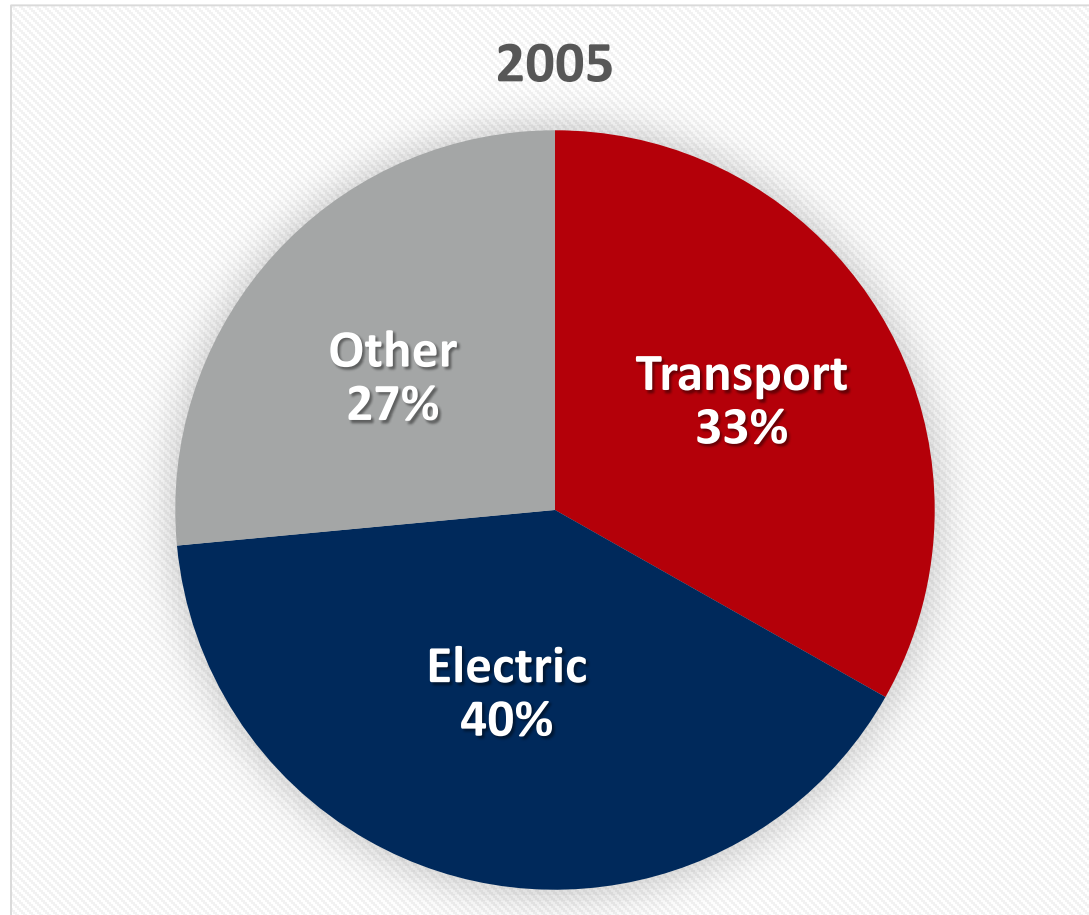
CO₂ Emissions by Territory

Metric tons of carbon dioxide, in millions



U.S. Transportation Sector Now Largest U.S. CO₂ Source

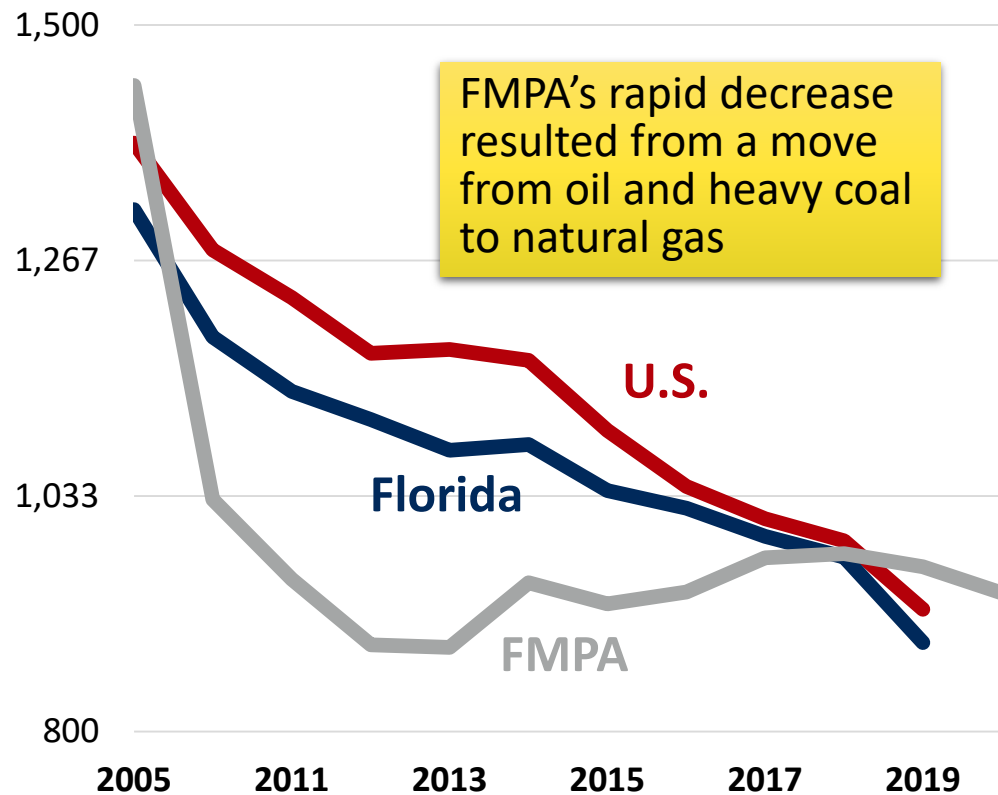
*U.S. Electric Sector Reduced CO₂ Emissions by ~35% Since 2005**



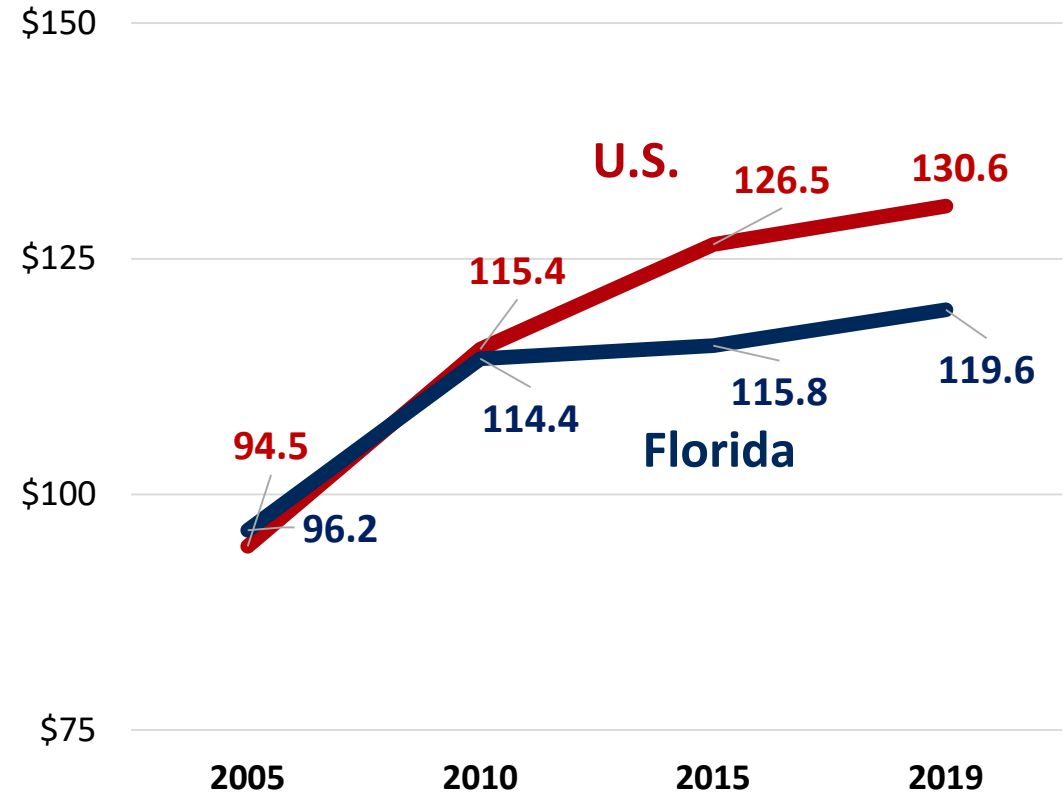
FL CO₂ Declined ~33% Over Last 15 Years, Prices Up 25%

U.S. CO₂ Declined 33% as U.S. Power Prices Rise 38% since 2005

CO₂ Emissions (lbs./MWh)



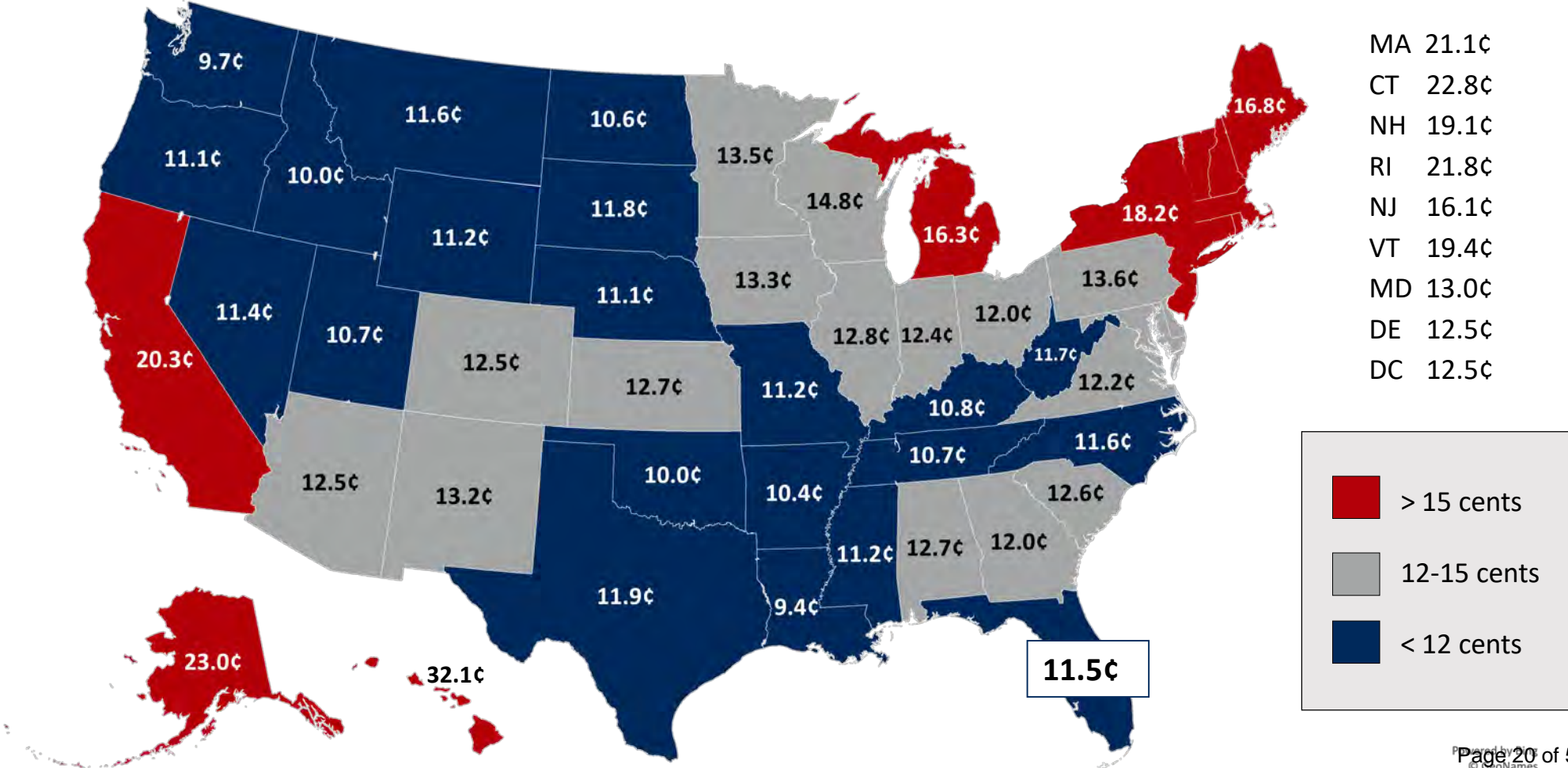
Residential Rate (\$/MWh)



Florida's Residential Electric Cost 16th Lowest in U.S.

Very Competitive in Southeast, Which Must Import Most Fuel

Residential Average Cost, cents per kWh

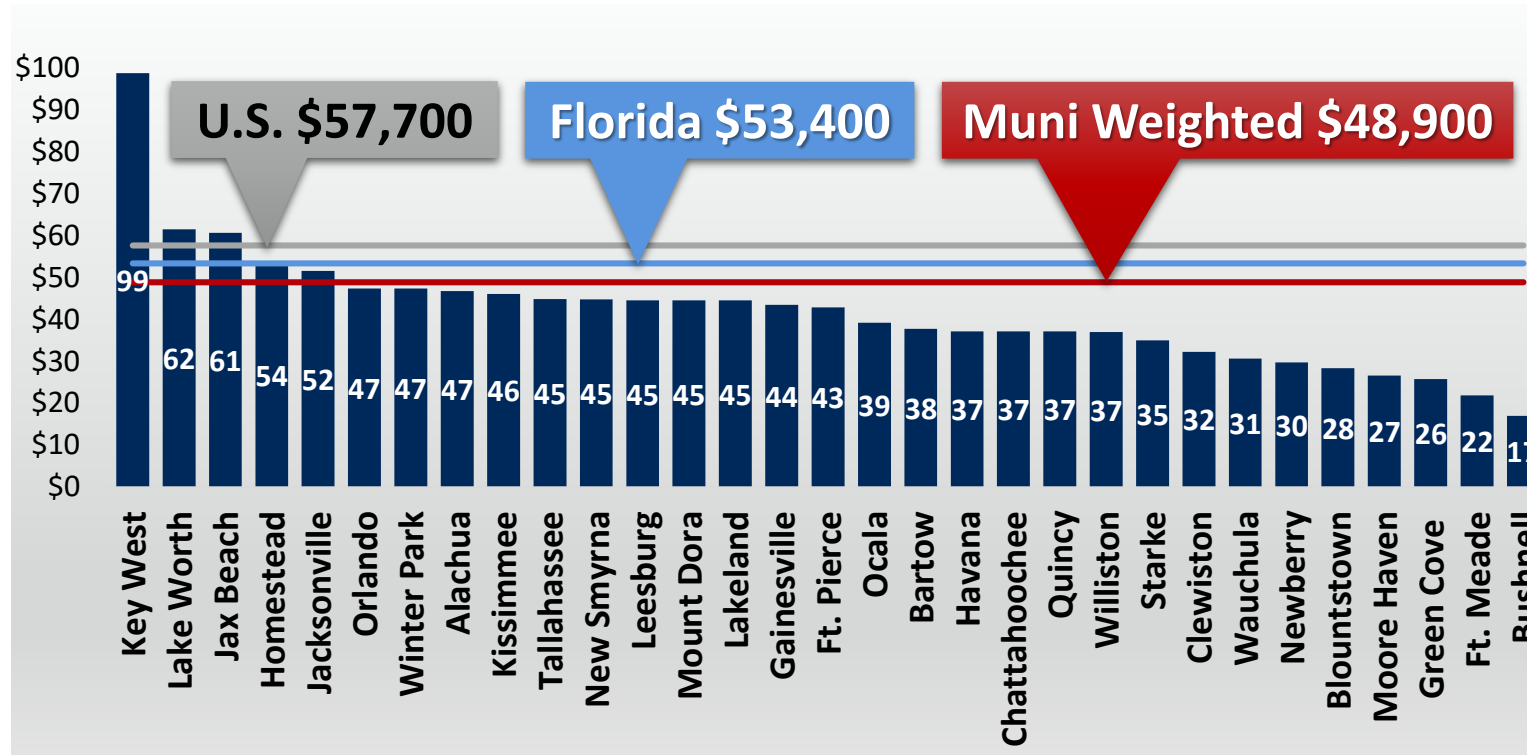


Income in Most FMPA Cities Below U.S., State Averages

Electric Bill a Big Expense in Florida Because We Use More

2020 Personal Income per Capita

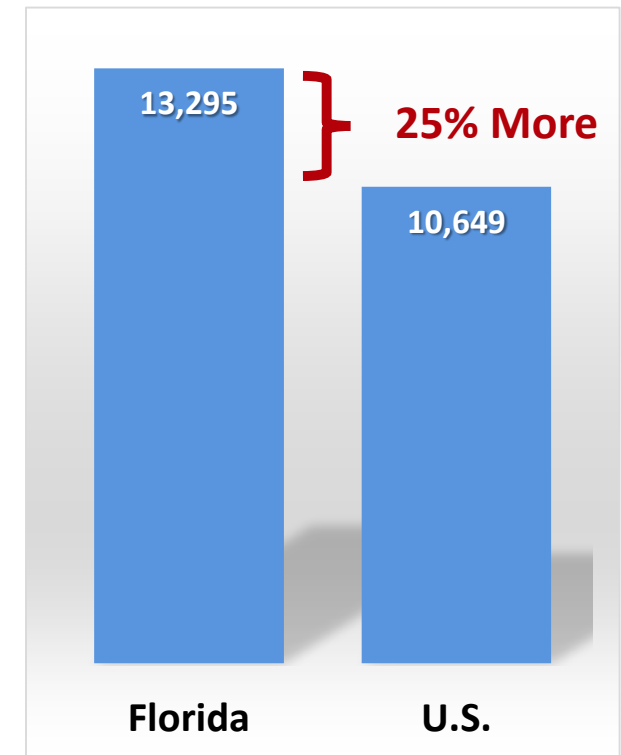
Thousands Omitted, Current Dollars



SOURCE: Woods and Poole Economics, Inc. and U.S. Census Bureau

Residential Electric Usage

Kilowatt hours per customer, 2019



SOURCE: U.S. Energy Information Administration

Utilities Must Balance Cost, Reliability and Emissions

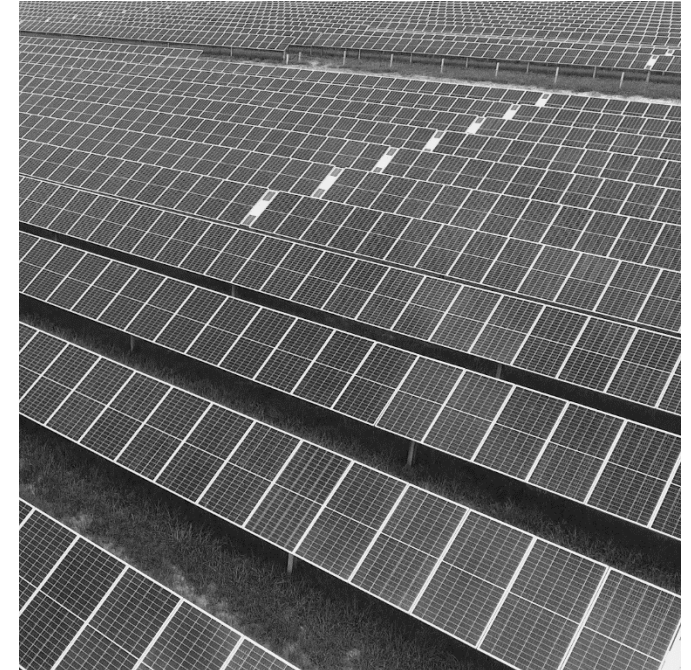
How Much Can Customers Pay for More CO₂ Reductions?



LOW-COST POWER
Customers Need It



RELIABLE POWER
Customers Expect It



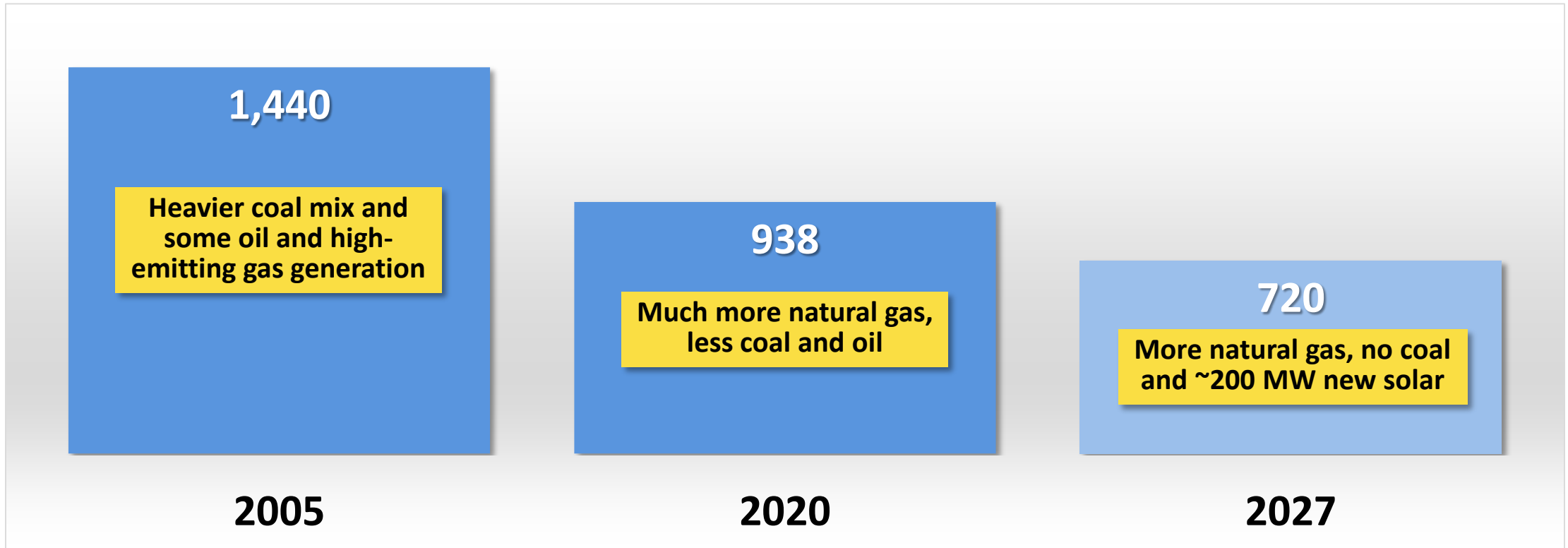
CLEAN POWER
Customers Want It

FMPA CO₂ Declined 35% from 2005

50% Decline from 2005 to 2027: More Gas and Solar, No Coal

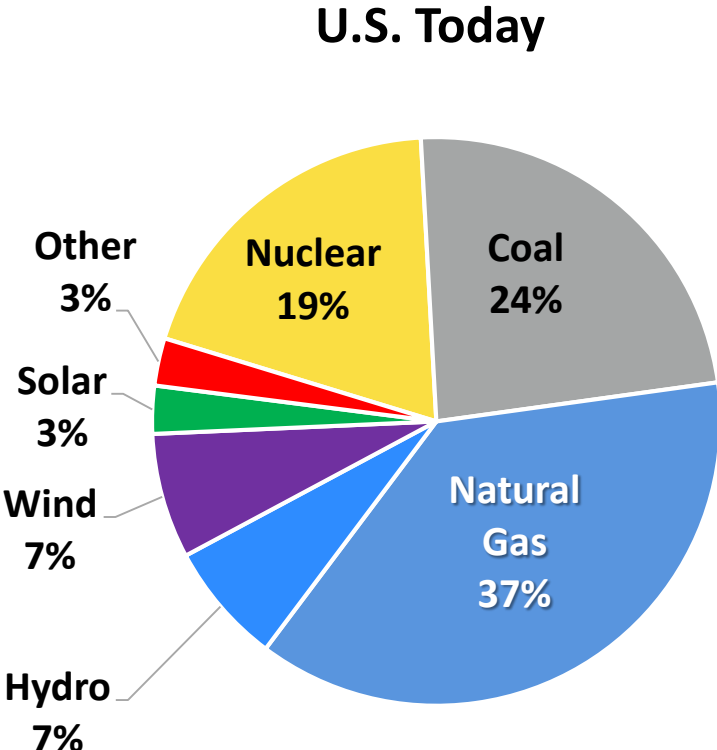
CO₂ Emissions for FMPA's All-Requirements Project Generation

Pounds per Megawatt hour, historic and projected

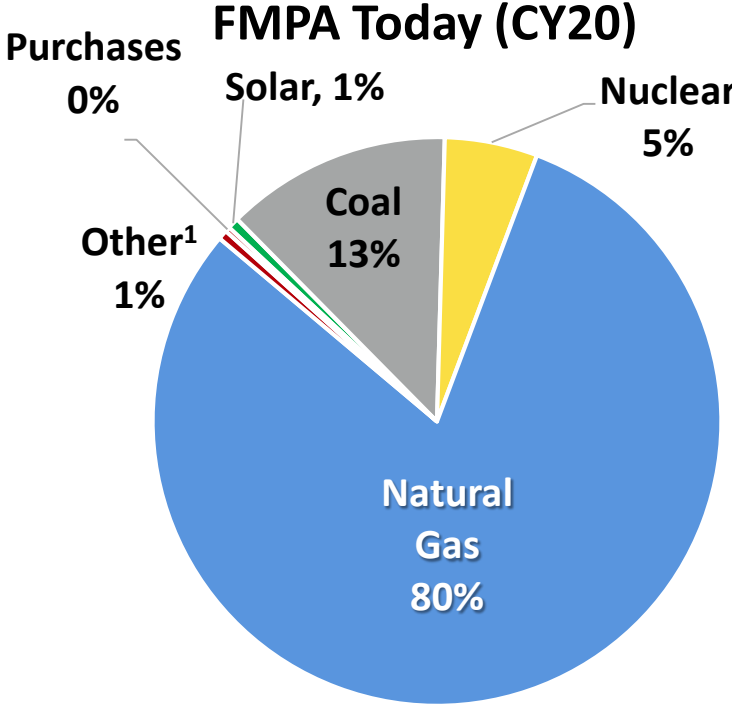


U.S. Has ~30% Energy CO₂ Free, But 24% Coal

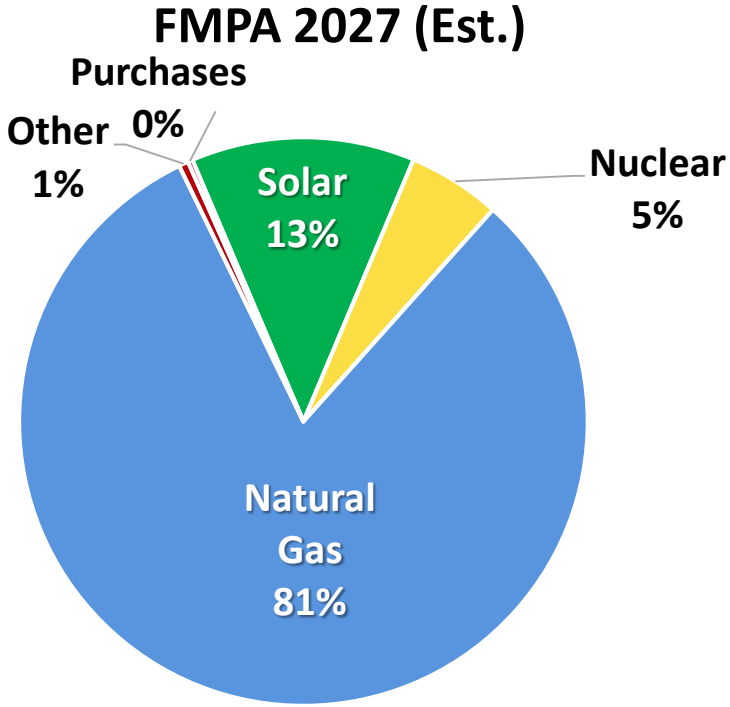
FMPA Growing to 18% CO₂ Free by 2027, No Coal/More Gas



3,811,150 GWh



7,811 GWh



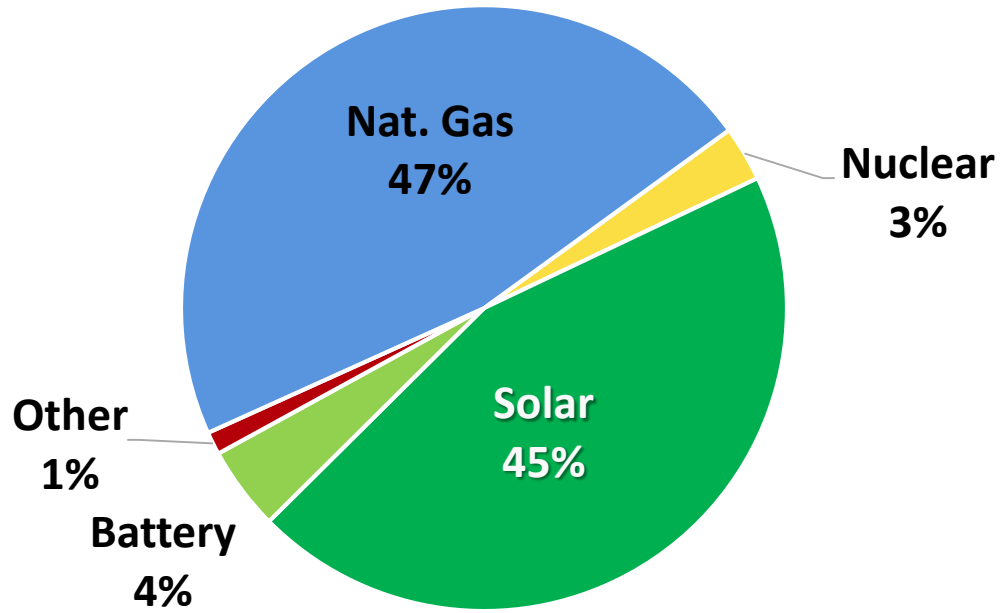
7,811 GWh²



1 – Includes US Sugar, residual and distillate fuel oil
2 – Assumes same level of generation.

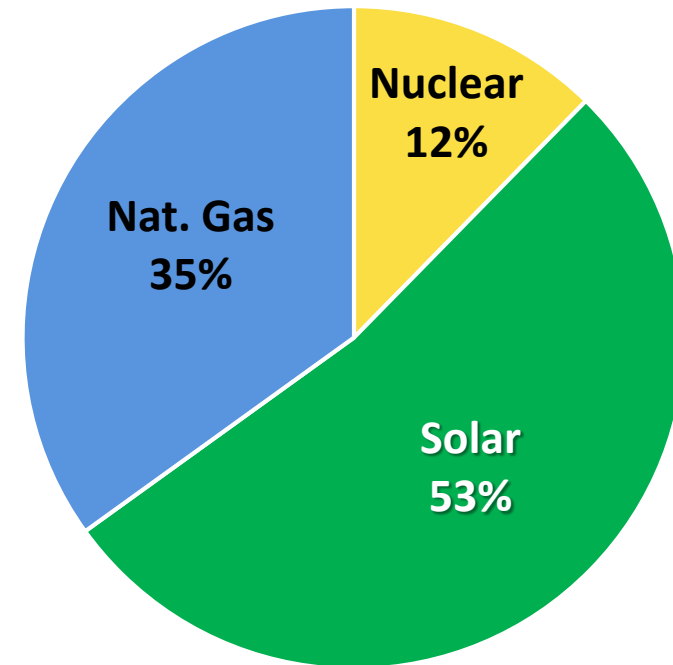
70% CO₂ Reduction by 2035 Requires Large Solar Build

Florida Capacity at 70% CO₂ Reduction



123,247 MW

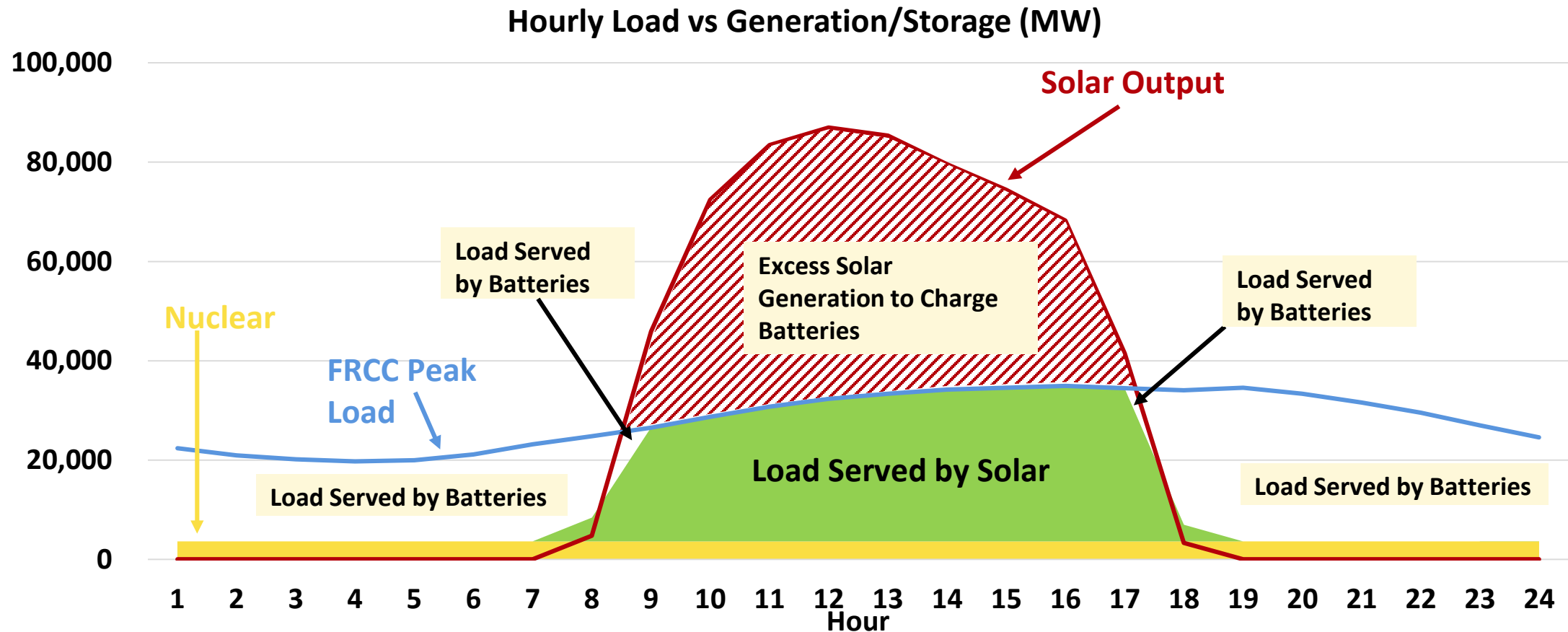
Florida Energy at 70% CO₂ Reduction



238,535 GWh

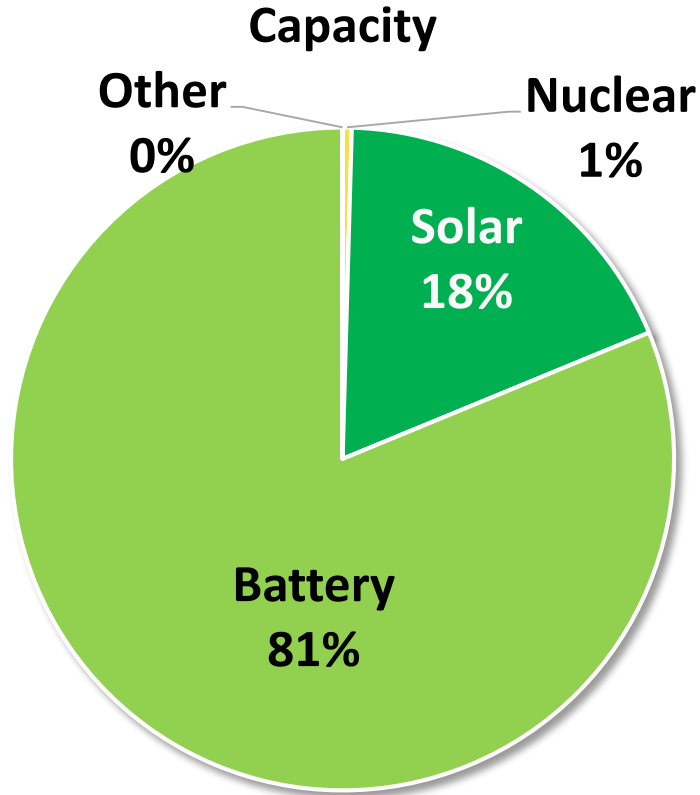
Electric Reliability Challenges with Significant Solar

Solar Output Peaks at a Different Time than Electric Demand



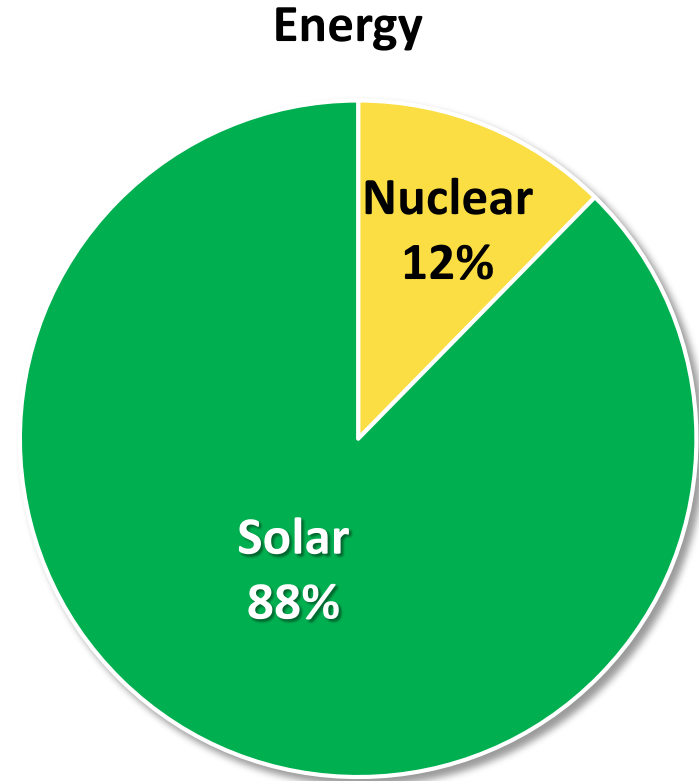
FL 100% CO₂ Reduction Requires Extensive Overbuild

Solar & Batteries Additions of 11x Entire Current FL Capacity



816,998 MW

Many CEOs for IOUs have publicly stated this is extremely challenging to achieve



238,535 GWh

Increasing CO₂ Reductions Comes at a Cost

Power Costs Increases Could Range from Inflationary to 250%

50%
CO₂ Reductions

**Inflationary
cost increases**
expected through 2027 while achieving 50% CO₂ reduction from 2005 levels

70%
CO₂ Reductions

**20%
cost increases**
using natural gas generation for reliability and peaking, solar power increases, some additional battery storage

97%
CO₂ Reductions

**75%
cost increases**
with significant solar power plus battery backup with natural gas only available for emergency use

100%
CO₂ Reductions

**250%
cost increases**
with significant amounts of new solar plus dramatic increase in battery capacity to provide days of reserves for cloudy periods

Reliable Power Critical for Customers and Economy

Thought of Removing All Fossil Generation by 2035 a Tall Task

- Customers and our economy need utilities to provide adequate electricity during all types of weather, not just when the sun shines
- Ensuring reliability requires backup capacity that is available 24/7
- To remove all fossil generation by 2035 would be a tall task and extremely costly for consumers
- In the future, some fossil capacity more than likely necessary as back-up rather than primary generation



In Conclusion



FMPA Working on a Clean Energy Transition

Our Goal: 50% Reduction in CO₂ from 2005 Levels by 2027

- FMPA aiming for a 50% reduction in CO₂ from 2005 levels by 2027 in a manner that balances electricity cost and reliability
 - In 2027, FMPA will be ~80% clean burning natural gas and ~20% carbon-free generation
- Increasing CO₂ reductions beyond 50% requires much more solar, along with notable investment in electric transmission
- Moving beyond 70% CO₂ reduction requires even more solar and introduction of meaningful but costly battery storage to retain reliable grid power supply
 - Solar additions have significant land-use impacts in several interior counties in Florida
- Step-function improvement in batteries necessary to make additional CO₂ reductions affordable

As Congress Contemplates a Clean Energy Future: *How Much Can Consumers Afford for More CO₂ Reductions?*

- **Set Realistic CO₂ Reduction Targets**

- CO₂ reductions from electric sector on a path for significant reductions by 2027 without dramatic power cost increases that create hardships for customers
- Florida has limited CO₂ reduction options other than solar and battery storage
- Further CO₂ reduction targets must consider impacts on power costs to consumers
- Goal of a carbon-free power sector by 2035 extremely aggressive

- **Provide Federal Incentives for Innovation**

- National R&D investment in lower-cost, more-efficient batteries
- Federal funding for modular nuclear reactors, lower-cost solar and hydrogen
- Advances in air conditioning efficiency and controls to enhance energy conservation

FMPA Will Hold Strategic Planning Workshop Feb. 17

We've Made Good Progress Since 2019, and More Work to Do

- Driven down FMPA's wholesale power costs to members
- Supported reliability enhancement projects for members
- Supported financial planning and solar subscriptions for members
- Expanded engineering services to members
- Expanded services in NERC compliance, cybersecurity and IT
- Mitigated transmission rate increases from other utilities, secured commitments for new transmission connections for members
- Expanded services in AMI implementation for members

FMPA's Power Costs Lowest Since 2004

First Time Below \$70 Per MWh in 16 Years

All-Requirements Project Power Costs

Average cost per 1,000 kWh billed by fiscal year



- Costs down 36% since 2009
- Prices nationally up 13%


Overview: Muni Challenges Increasing *More to Achieve with Limited Resources*

- Working to lower cost on retail front while...
- Continuing to improve reliability of power system and managing staffing retention challenges (e.g. linemen)
- Increasing new workload (e.g., IT, compliance, new technology, communications)
- Responding to increased customer expectations (service options, rate structures, day-to-day communications, and new technologies like EVs)
- Continued improvement in emissions reductions while keeping prices affordable
- Goal of increasing the member electric utilities' value to each of their communities and proactively communicating business model benefits

FMPA's Stretch Goals for the Coming Years

Our Targets for Low-Cost, Reliable and Clean Wholesale Power

70 Keep power costs below \$70 per megawatt hour 

60 Reduce average outage duration for Florida's municipals to 60 minutes 

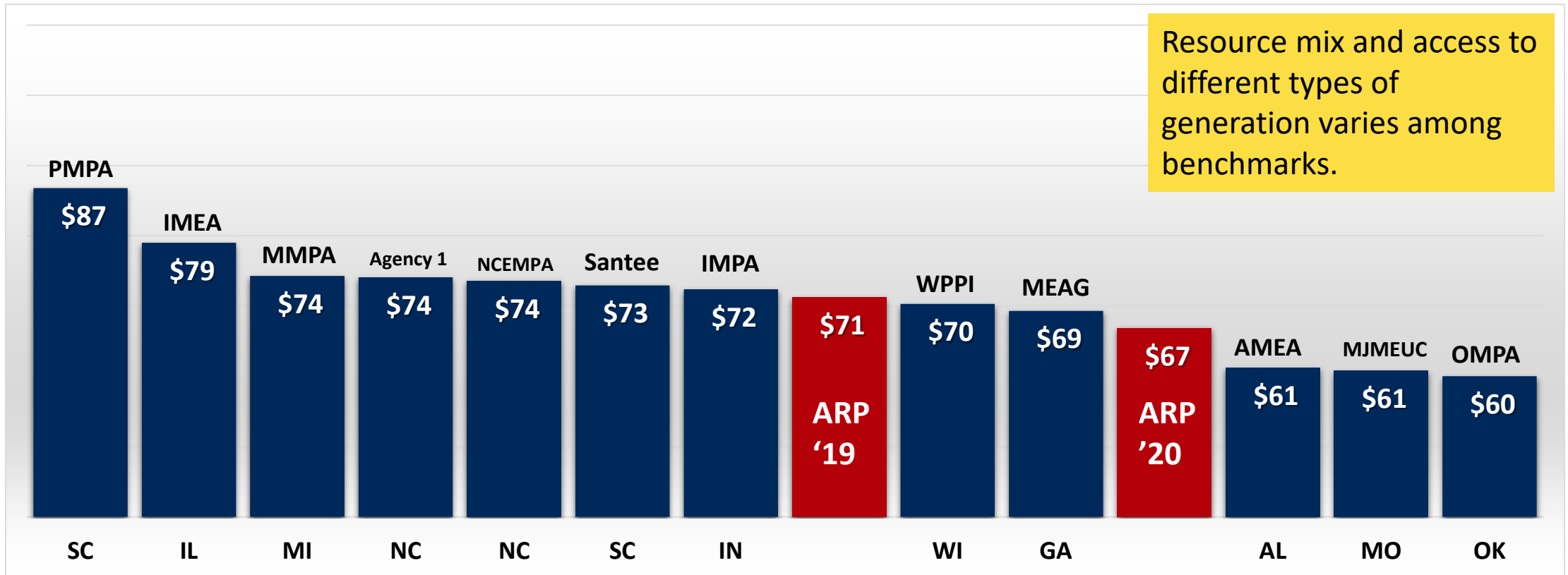
50 Reduce carbon emissions 50% from 2005 levels by 2027 

ARP Rates Competitive With Joint Action Agencies

Most Recent Rate in Lower Quarter of Benchmarks

Annual Average Power Supply Costs by JAA (2019*)

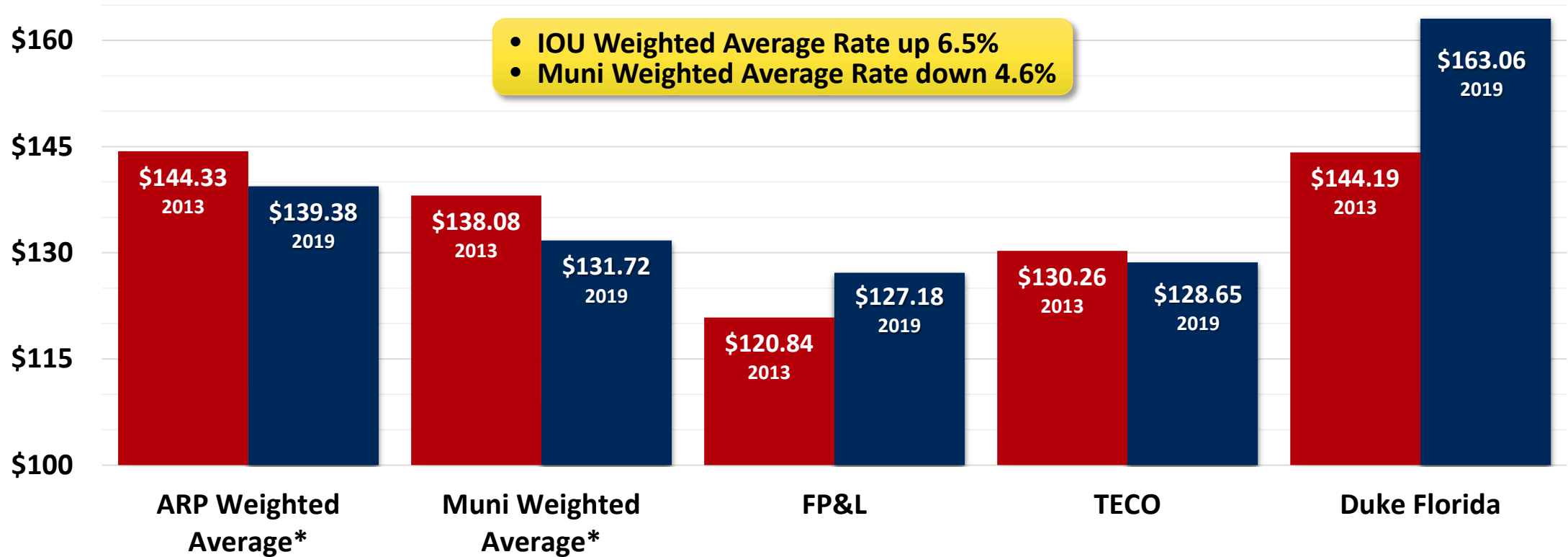
Average cost per 1,000 kWh billed. Source: PFM Financial, FMPA



Retail Rates Competitive, Could Improve

There's More We Can Do ... We're Not Satisfied

Residential Bill Comparison
Cost per 1,200 kWh, Calendar Year 2013 vs 2019 Average Rate



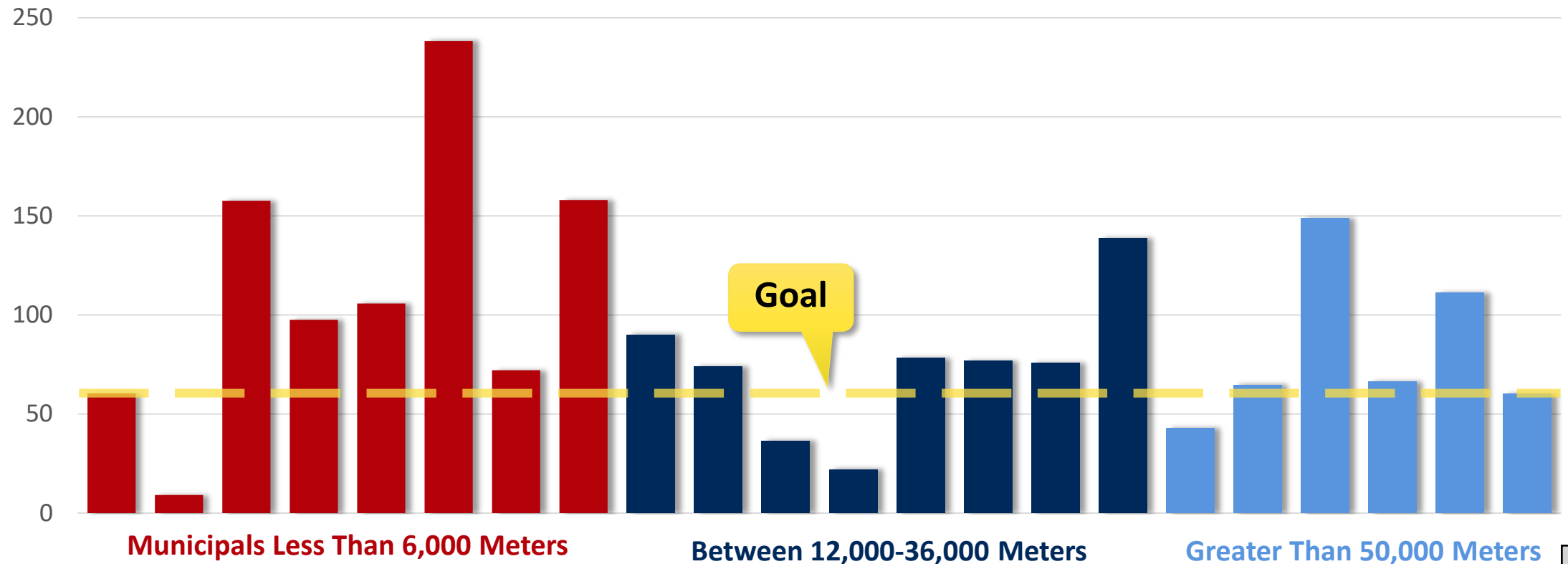
*FMPA All-Requirements Project (ARP) and Muni rates weighted by 2019 annual load.

Municipal Reliability Performance Varies Widely

Significant Effort Needed to Meet the Goal

Average Outage Duration (SAIDI) for Municipals That Provide Data to FMPA

In minutes for fiscal 2020



As Costs Come Down, Will Reliability Be a Focus Area

Is There a Joint-Action Advantage to Expand Reliability Services

- FMPA works to supply reliable wholesale power, and retail-level reliability important, too
- Some municipals challenged for various reasons to apply best practices
- If members seek assistance to the level of the opportunity, additional FMPA resources could be necessary to support reliability efforts
- Is reliability a top strategic issue for members?
- Do members see a joint-action advantage for FMPA to expand reliability services?

Reliability Best Practices

- Circuit inspection
- Substation maintenance
- Tree trimming
- Fuse coordination
- Pole inspection & replacement
- Targeted hardening
- Lateral reclosers
- SCADA
- GIS
- AMI

We Have a Lot to Feel Good About on Environment

Key Question: How Much Further and at What Price?

- Florida and FMPA emissions down significantly since 2005
- Biggest near-term opportunity to reduce emissions further is conversion of Stanton 1 and 2 from coal to gas set for not later than 2025 and 2027
- FMPA on track for 50% reduction in emissions vs. 2005 by 2027 with small amount of additional solar and eliminating coal generation
- Choosing the path of continual CO₂ reduction will require a careful balance between performance and cost, with solar and storage only current viable options