

CITY OF BELLE ISLE, FL CITY COUNCIL MEETING - UPDATED

Held in City Hall Chambers 1600 Nela Avenue Belle Isle FL Held the 1st and 3rd Tuesday of Every Month Tuesday, October 17, 2023 * 6:30 PM

AGENDA

City Council Commissioners

Nicholas Fouraker, Mayor | Vice-Mayor – Beth Lowell, District 5

District 1 Commissioner – Ed Gold | District 2 Commissioner – Anthony Carugno | District 3 Commissioner – Karl Shuck | District 4 Commissioner – Randy Holihan | District 6 Commissioner – Stan Smith | District 7 Commissioner – Jim Partin

Welcome - Welcome to the City of Belle Isle City Council meeting. Agendas and all backup material supporting each agenda item are available in the City Clerk's office or on the website at www.belleislefl.gov. If you are not on the agenda, please hand the City Clerk a completed yellow "Request to Speak" form. The Council is pleased to hear relevant comments and has set a three-minute limit. Rosenberg's Rules of Order guide the conduct of the meeting. Order and decorum will be preserved at all meetings. Personal, impertinent, or slanderous remarks are not permitted. Please silence all technology during the session. Thank you for participating in your City Government.

- 1. Call to Order and Confirmation of Quorum
- 2. Invocation and Pledge to Flag Vice Mayor Beth Lowell, District 5
- 3. Gray Robinson Legislative Update and 2024 Projects
- 4. Consent Items These items are considered routine and previously discussed by the Council. One motion will adopt them unless a Council member requests before the vote on the motion to have an item removed from the consent agenda and considered separately.
 - a. Approval of the City Council meeting minutes September 5, 2023
 - b. Approval of the Budget Hearing and Council Meeting minutes September 19, 2023
 - c. RESOLUTION 23-13: RENEW LINE OF CREDIT WITH SOUTHSTATE BANK
 - d. RESOLUTION 23-16: A RESOLUTION OF THE CITY OF BELLE ISLE, FLORIDA, AMENDING THE FISCAL YEAR ANNUAL BUDGET, BEGINNING OCTOBER 1, 2022, AND ENDING SEPTEMBER 30, 2023, and budget BEGINNING OCTOBER 1, 2023, AND ENDING SEPTEMBER 30, 2024, CREATING A PARKS IMPACT FEE FUND AND GENERAL GOVERNMENT IMPACT FEE FUND.
 - e. Proclamation 20th Anniversary Week of the Family
- 5. Citizen's Comments Persons desiring to address the Council must complete and provide the City Clerk a yellow "Request to Speak" form. When the Mayor recognizes you, state your name and address and direct all remarks to the Council as a body, not individual council members, staff, or audience. Citizen comments and each section of the agenda where public comment is allowed are limited to three (3) minutes. Questions will be referred to staff and answered within a reasonable period following the meeting date.
- 6. Unfinished Business
 - a. Cornerstone Charter Academy Development Site Plan Approval
 - b. RFP 23-08 Selection of Contractor for Cross Lake Road Improvements
 - c. Discussion on City Manager Candidate and Employment Agreement
- 7. New Business
 - <u>a.</u> Consideration to Appoint Jason Carson to the District 4 Commissioner seat
 - b. Consideration to Appoint Randy Holihan as the District 3 Planning & Zoning Board Member
 - c. JJ's Request for Solid Waste Increase
 - d. Sienna Place: Discussion on Waste Management Contract
- 8. Attorney's Report
 - a. 3904 Arajo Court Title Search
- 9. City Manager's Report
- 10. Mayor's Report
- 11. Items from Council
- 12. Adjournment

[&]quot;If a person decides to appeal any decision made by the Council with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings, and that, for such purpose, he/she 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 to be based." (F. S. 286.0105). "Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's Office (407-851-7730) at least 48 hours in advance of the meeting." —Page 1 of 1



CITY OF BELLE ISLE, FL

CITY COUNCIL FIRST BUDGET HEARING AND CITY COUNCIL MEETING

Tuesday, September 5, 2023 * 6:30 pm

MINUTES

Present was:

Absent was:

Nicholas Fouraker, Mayor

District 6 Commissioner - Stan Smith

District 1 Commissioner - Ed Gold

District 2 Commissioner - Anthony Carugno

District 3 Commissioner - Karl Shuck

District 4 Commissioner - Randy Holihan

District 5 Commissioner – Beth Lowell (Zoom)

District 7 Commissioner – Jim Partin

Budget Hearing & Adoption

1. Call to Order and Confirmation of Quorum

Interim City Manager Grimm stated that Mayor Fouraker is currently at a prior engagement and asked for a motion to have the Vice Mayor start the hearing.

Comm Holihan moved to nominate Comm Jim Partin to preside over the meeting. Comm Gold seconded the motion, which passed unanimously.

Comm Partin called the meeting to order at 6:30 pm, and the City Clerk confirmed the quorum. Also present were Interim City Manager Grimm, Attorney Langley, Public Works Director Phil Price, Finance Director Tracey Richardson, and City Clerk Yolanda Quiceno.

2. Invocation and Pledge to Flag - Comm Randy Holihan, District 4

3. First Public Hearing - FY 2023-2024

a. Budget Presentation - Interim City Manager Grimm

Interim City Manager Grimm presented the First Public Budget Hearing. CM Grimm provided a PowerPoint presentation with a summary of the FY2023-24 Budget as follows,

Budget Highlights

- No millage rate increase while maintaining the current level of service
 - Millage rate of 4.4018 since FY 2010/2011
- ARPA funding for essential projects not included in the budget
- Hurricane lan's expenditures have impacted our financial position, but we will be relieved when we receive reimbursement from FEMA
- Stormwater Fund continues to have a negative fund balance
 - Stormwater utility rate study in process
- Removal of Capital Improvement Revenue Note 2020 Project Fund as remaining bond proceeds were to be spent in FY 22/23
- No budgeted transfers or expenditures for the Capital Equipment Replacement Fund until a plan can be established

Millage Rate Calculations

- ☐ The rollback millage rate is 4.0398
- ☐ Proposed millage rate for approval is 4.4018
- ☐ Percentage increase over rolled-back rate is 8.96%

- o Requires a two-thirds vote of the governing body
- o The rolled-back rate is the rate that would generate the same amount of property tax revenue as the prior year.

Reasons for Increase

- Maintain the current level of service
- o Competitive salary increases
- ☐ FY 22/23 Gross Taxable Value \$955,343,578 with Ad valorem Proceeds of \$4,205,231
- ☐ FY 23/24 Gross Taxable Value \$1,045,718,431 with Ad valorem Proceeds of \$4,603,043

Comm Holihan asked for clarification on the difference between the revenues and expenditures fund balance on Page 5. CM Grimm said the City expects funding from FEMA to make up the shortfall.

Comm Shuck asked for clarification on the NAV Board project reimbursement. CM Grimm said the item was budgeted. However, the Barby Lane project has not started.

c. Citizen Comments

Comm Partin opened for citizen comments on the Budget presentation.

• The resident of Siena Place, located at 4808 Conway Road, asked if the City would negotiate with JJs Waste and Recycling for a better price for the residents. He noted that other vendors are considerably less. CM Grimm said JJs is still under contract; however, the Council can consider it during contract negotiations in 2024.

There being no further comment, Comm Partin closed citizen comments on the budget presentation.

d. Resolution 23-07 Adopting Tentative Millage Rate

Interim City Manager Grimm read Resolution 23-07 by Title.

Comm Holihan moved to approve Resolution 23-07 Adopting Tentative Millage Rate.

Comm Shuck seconded the motion, which passed by roll call 6:0.

e. Resolution 23-08 Adopting Tentative Budget

Interim City Manager Grimm read Resolution 23-08 by Title.

Comm Shuck moved to approve Resolution 23-08 Adopting Tentative Budget.

Comm Holihan seconded the motion, which passed by roll call 6:0.

Close Public Budget Hearing

There being no further business, Mayor Fouraker closed the Budget Hearing at 6:48 pm.

Open Regular City Council Meeting

4. Consent Items

- a. Approval of the City Council minutes August 15, 2023
- b. Approval of the City Council Workshop minutes August 15, 2023

Comm Holihan moved to approve the consent agenda items as discussed. Comm Gold seconded the motion, which passed unanimously.

5. Citizen's Comments

Comm Partin opened for citizen comments.

Diana Santos, residing at 4884 Conway Road, shared her concerns about the tax collected on Stormwater fees for Sienna Place. She noted that the amount for FY22/23 is not what was proposed by the City Manager during the annexation discussions. Additionally, in 2020, Sienna had a stormwater drainage system issue and found that they owned it. During that time, she contacted the City and had discussions with the City Manager, who noted that if they annexed into the City, they may be able to assist with the cost of repairs. She feels the City Manager miscommunicated them and would like the

a.

Council to reconsider reevaluating the stormwater fee and partnering with Sienna Place in fixing the damaged stormwater lines.

There being no further comments, Mayor Fouraker closed the citizen comments.

6. Unfinished Business

a. Resiliency Grant - Sol Project Update

Interim City Manager Grimm stated that he has confirmed that the City will not receive the Resiliency Grant funding. The project was completed before the grant agreement, making us ineligible for funding of \$198,000. He will continue to work with DEP for future grant opportunities. The Council discussed possible solutions to prevent deadlines from being missed in future projects.

7. New Business

- a. Appeal Public Hearing 2506 Homewood
 - Interim City Manager Grimm opened the de novo Public Hearing and stated that the P&Z Board's decision to deny the variance was a two-part motion with a denial of the dock extension since it did not meet the requirements per Code as follows,
 - Board member Woods moved <u>TO DENY</u> a dock to extend greater than 15 feet lakeward of an existing dock within 300 feet of the proposed location.
 - Board member Thompson moved <u>TO APPROVE</u> a dock to extend greater than 15 feet lakeward of an existing dock within 300 feet of the proposed location.

Comm Partin asked the Council for any ex-parte communication. The Council noted that they do not have anything other than emails sent to council members.

Edward Harrison, the homeowner of 2506 Homewood Drive, provided copies of the proposed dock location for the file. He referenced the Code on the length of a dock and shared his concern when applying that Code to his circumstances. His lot is 100 feet wide, but his dock could only be 36 feet because of the rule. He is not asking for anything different from others on the Lake. He is penalized because his neighbor has a small 23-foot dock in 6 feet of shallow water. Mr. Harrison said the fourth dock pictured in the photo will be demolished before build-out if approved.

Comm Gold asked why he was demolishing the existing dock. It is possible to have it remain and build a dock. The City would be more likely to approve a variance if it doesn't obstruct a neighbor's view.

Attorney Chumley clarified the request and said the Council should base their approval on the fact that the applicant meets the criteria of Section 42-64 (Page 17). The applicant has explained how he meets the requirements (Pages 19-20). The P&Z Board found that the applicant did not have competent substantial evidence to support meeting the criteria. At a de novo hearing, the Council will hear a rehearing of the P&Z Public Hearing and stay within the confines of the Code.

Comm Carugno spoke of the angle of the property, which may be confusing. Discussion ensued on the location of the existing docks and the measuring line.

Raquel Lozano, City Planner, said the application for 2506 Homewood Drive seeks a variance from Sec. 48-32 (a) (6) (a) to build a dock that projects more than 15 feet lakeward of an existing dock within 300 feet. The applicant's existing dock is approximately 30 feet from the neighboring dock. The proposed dock location would not project 15 feet lakeward of the existing dock. The applicant must apply for a variance for rebuilding in the same position or demolishing and building new. Based on the submitted plans, one dock is proceeding more than 15 feet lakeward. Based on the four criteria, if the applicant meets only one of the four, the Board shall not approve an application for a variance until all four criteria are met. Discussion ensued on the linear line used as a reference and the minimum use of the Code.

Ms. Lozano noted that the applicant's Contractor that the neighbor's dilapidated boat dock may be removed and may change the outcome of the proposed dock. Staff indicated that they cannot approve plans until the dock impacting the approval is removed.

Comm Partin opened for Citizen comments for Public Hearing 2506 Homewood.

- Gary Paskell, homeowner of the neighboring dock, said he owns the 23-foot dock. He clarified that it is not a dock but a walkway. The dock was destroyed during a past hurricane. They intend to rebuild soon. Ms. Lozano said the "walkway" is still classified as a dock. He added that the applicant can build his dock on the right side where the water is deeper and not create a hazard.
- Roy Baker, residing at 2432 Homewood Drive, opposed the proposed dock. He noted that in the
 proposed location, there is no water. The applicant has alleged that their boat ramp was created and
 put sand on his property. The issue was not created by him but by a past property renter who brought
 in trailer loads of sand to create a beach in that area. His ramp to the Lake, since 1970, is the same
 elevation it has always been. Placing a dock in that location would create a hardship for him getting in
 and out of his dock.

Ms. Lozano defined a dock for Council consideration as any permanently fixed or floating structure, slip, or platform (covered or uncovered) extending from the upland into the water".

Comm Lowell asked if the Council must consider the application, four conditions criteria, and new findings of the condition of the neighboring dock before deciding on approval. Ms. Lozano said that based on the latest findings, the Staff is requesting to move to a continuance to allow Staff to research further on the demolition of the neighboring walkway, showing that it does/does not have a footprint in the waterway.

Attorney Chumley said the question for the Council is if the applicant has met the variance criteria. If the Council has enough information to decide, they can move forward with a motion. The applicant can resubmit because no variance will be required based on the "new findings."

Comm Holihan moved to stand behind the Planning & Zoning Board's decision to deny the variance based on the information presented.

Comm Lowell seconded the motion, which passed unanimously 6:0.

Mayor Fouraker joined the meeting at 7:30 pm.

Mayor Fouraker announced that he was delayed because he attended the Woman's Center regarding the presentation of a site plan for a new development by the Cerveza House.

Mayor Fouraker reopened citizen comments.

- Charlene Mertz, a resident, asked why Orange County continues draining Lake Conway's water. Mayor
 Fouraker provided a contact from Orange County who may be able to answer the question regarding the
 weir Jeff Charles. He further noted that he could also provide her contact information for Lake Level
 reports made available through the Orange County NAV Board. She also asked for an update on Artificial
 Turf. Mayor Fouraker said the City has passed an ordinance and will have Staff send her a copy for
 review.
- b. 1711 Hoffner Avenue Lot Split Concerns
 Interim City Manager Grimm provided a brief history of the property owned by Marvel Quevedo, requesting a lot split to create a new single-family residence on the proposed new lot while maintaining the nonconforming structures and uses on the existing site. The property currently features a single-family home, an office building, and a greenhouse. Mrs. Quevedo inquired about the development of the land to

the City Manager. She obtained a Zoning Certification Letter from the former City Manager dated February 4, 2019, and April 21, 2022.

Mrs. Quevedo was informed that the request to build more than one principal building on 1711 Hoffner Avenue was not presented to the City's Planning and Zoning Board or the City Council for review or approval. Under Section 42-62, the City Manager has the authority to enforce and interpret the land development code but cannot grant variances to the Code. Due to the Zoning Certification Letter presented to the homeowner, the Staff requests direction from the City Council.

Comm Holihan moved to uphold the 2023 Zoning Certification denial letter presented. Comm Gold seconded the motion.

Comm Gold said he would like to know the expenses after receiving Mr. Francis's letter. He does not like that someone acted on our behalf and made deals unbeknownst to the Council.

Mayor Fouraker said the Council needs to put a policy in place moving forward that no City Manager should make any land use determinations for the City. This could have been avoided if there had been a policy in place.

Mayor Fouraker said he would like to see a site plan before deciding. Ms. Lozano, the City Planner, stated that the office building is closer to the main road, and the residential property is towards the Lake. She did receive an application, a formal survey, and the site plan. They are seeking a lot split and seeking to build a new home on the parcel by the Lake. The property is non-conforming with two different uses, which is not allowed by the Code.

Mayor Fouraker recommends that the Council table the discussion to allow the applicant to be present. Ms. Lozano said she spoke with the homeowner about what the Code allows, specifically public street frontage for a single-family residence. Discussion ensued on creating a road similar to Avocado Lane.

After discussion, the motion passed unanimously.

c. Sienna Place Stormwater ERUs

Interim City Manager Grimm provided a brief history of the annexation. The City adopted Ordinance 22-01 for involuntary annexing Sienna Place. On August 18, 2023, Diana Santos, Sienna Place COA President, emailed the City about her concerns with the Belle Isle taxes imposed for Stormwater, JJ's contracted dumpster charge, and repairing the main circle paving project.

Staff investigated the concern regarding the stormwater assessment and confirmed each unit was assessed \$135.00 in accordance with the Stormwater Utility Assessment Program. The Program Manual states that if condominiums are individually owned, each unit/parcel will be assessed the stormwater non-ad-valorem rate of 1 ERU (for FY 23/24, this is \$135.00). Staff confirms that the other condominiums in the City are being assessed similarly.

The charter states that the fee for a residential developed property shall be the rate for one ERU multiplied by the number of dwelling units on the property. Provided, however, that properties that are developed with five or more dwelling units may be assessed a fee per dwelling unit calculated as follows: the rate of one ERU shall be multiplied by a numerical factor, which factor shall be obtained by dividing the number of ERUs on the property by the number of dwelling units. The number of ERUs shall be calculated by dividing the total impervious surface area on the property by the square footage of one ERU as outlined in the rate schedule.

Staff were not previously directed to use the above method and were unaware that the \$38/unit calculation was provided to Sienna Place. The Sienna Place calculation used a 65% impervious surface ratio (ISR), which the previous City Manager would have provided to do the calculation. Unfortunately, we

do not know if this ISR is correct. If the Council approves the option to assess using this method, we must research whether the \$38/unit calculation used the correct ISR.

Interim CM Grimm stated that the City staff must approve the non-advalorum assessment by September 15, and any changes must be made before that date. Mayor Fouraker asked what the practical option is to approve a dollar value or ISR calculation.

April Fisher, Planning Consultant, said Sienna Place is multifamily/single-family units. Stormwater is based on the number of units. Calculation and the ISR would be important; working on the calculation of this property would be fair. Interim Grimm said all other multifamily in the City are being charged \$135/p ERU.

The Council agreed to uphold the \$38/unit for the first year and have staff research the calculation further. Attorney Chumley said the Council could approve the \$38; he does not foresee any challenges because it is substantially lower; however, the question is that it may not be correct.

Mayor Fouraker said the reason to annex Sienna Place was not solely over tax dollars. Sienna Place residents wanted an identity with Belle Isle, to be part of our programming, and to have better security with the Police Department. He would like the Council to consider directing the City Manager to work with the vendors for a better price or allow commercial properties to go to another vendor.

Mayor Fouraker asked the City Attorney what distinguishes townhomes as commercial properties and not residential if they are considered single-family residences. Attorney Chumley said he would have to research the question further.

Ms. Santos further noted that JJ Waste and Recycling billing is high, and residents will be impacted with a payment of over \$4,000 monthly in 2024, with no bulk or recycling pickup.

Comm Lowell moved to extend the meeting by 15 minutes.

Comm Gold seconded the motion, which was passed 5:1 with Comm Carugno, nay.

Ms. Santos asked for a decision on the discussed items. Mayor Fouraker said some conversation items were not on the agenda and could not be voted on. However, the stormwater fee of \$38 can be considered for this year, and the Council can approve a study to be completed.

For clarification, Attorney Chumley said the stormwater fees for the system go toward the City's general system and everything that runs through it.

Interim City Manager Grimm stated that the \$38 was estimated based on the 120 ERU rate; currently, it is 135; each parcel will be \$43.20 at this year's current rate. Attorney Chumley agreed with the assessment.

After discussion, Comm Partin instructed the City Manager to charge the \$43.20 ERUs for the current year and instruct Staff to research the ISR calculation as discussed. Comm Gold seconded the motion, which passed unanimously 6:0.

d. Review and Approve the Updated Wallace Field Use Agreement

April Fisher, Planning consultant, presented the updated CCA Use Agreement. She has worked with the CCA Board on the Use Agreement, which is part of the Site approval process. CCA would like to use the park during school daylight hours and will have keys to the property, as will the City. The City will be responsible for unlocking the gates when not in CCA use. CCA will be building the property improvements and will not need parking for the school. It is a 10-year term with an automatic 10-year unless terminated earlier.

a.

Comm Carugno shared his concerns about the limited use of residents on the weekend if CCA is not used for practice. He further asked if those Commissioners that children attend the school have a conflict of interest in voting. Attorney Chumley said there is no monetary interest, and the decision to approve the Use Agreement affects a large class of people, not creating a conflict.

Ms. Fisher said the idea of the Use Agreement is to create a mutual benefit. When working with a school, the difficulty is having members of the public interact with the students without a background check. The Council discussed operating hours, security, and limited resident park hours.

Comm Partin noted that recess has been added to the agreement and was not the original intent. Brian Leahy said recess has been added for transparency.

Comm Holihan said daylight hours can go up to 8:30 pm during the summer. The Council discussed adding language to reflect specific hours of use. April Fisher said she can return to the CCA Board for specific use times for consideration.

Comm Holihan moved to table the discussion. Comm Carugno was not present for the vote. Comm Gold seconded the motion, which passed 5:0.

d. <u>Ducktoberfest Sponsorship 2023</u>

Comm Gold moved to approve a donation of \$450.00 for Ductoberfest sponsorship. Comm Holihan seconded the motion, which passed unanimously.

e. Control Specialist Contract Renewal 2023

Comm Gold moved to approve the Control Specialist Contract Renewal as presented. Comm Holihan seconded the motion, which passed unanimously.

- **8.** Attorney's Report No report.
- 9. City Manager's Report No report.
- 10. Mayor's Report No report.

11. Items from Council

Comm Holihan shared his concerns about the weeds in the Lake. He wants to create a committee and partner with Edgewood, other cities, and the NAV Board to discuss the weed situation with FWC.

12. Adjournment

With no further business, Mayor Fouraker called for a motion to adjourn.

The motion passed unanimously at 9:30 pm.



CITY OF BELLE ISLE, FL CITY COUNCIL BUDGET HEARING AND CITY COUNCIL MEETING

Tuesday, September 19, 2023 * 6:30 pm

MINUTES

Present was:

Absent was:

NA

Nicholas Fouraker, Mayor

District 1 Commissioner - Ed Gold

District 2 Commissioner - Anthony Carugno

District 3 Commissioner - Karl Shuck

District 4 Commissioner - Randy Holihan

District 5 Commissioner – Beth Lowell

District 6 Commissioner - Stan Smith

District 7 Commissioner – Jim Partin

Budget Hearing & Adoption

1. Call to Order and Confirmation of Quorum

Mayor Fouraker called the meeting to order at 6:30 pm, and the City Clerk confirmed the quorum. Also present were Interim City Manager Grimm, Attorney Langley, Public Works Director Phil Price, Finance Director Tracey Richardson, and City Clerk Yolanda Quiceno.

2. Second Public Hearing and Budget Adoption - FY 2023-2024

a. <u>Budget Presentation - Interim City Manager Grimm</u>

Interim City Manager Grimm presented at the Second Public Budget Hearing. Chief Grimm stated at the first Hearing that the Council adopted a tentative millage and Budget. Interim Chief Grimm said the following,

Ш	The rollback miliage rate is 4.0398
	Proposed millage rate for approval is 4.4018
	Percentage increase over rolled-back rate is 8.96%

- o Requires a two-thirds vote of the governing body
- The rolled-back rate is the rate that would generate the same amount of property tax revenue as the prior year.
- □ Reasons for Increase
 - Maintain the current level of service
 - Competitive salary increases
- $\hfill \hfill \hfill$
- FY 23/24 Gross Taxable Value \$1,045,718,431 with Ad valorem Proceeds of \$4,603,043

Comm Holihan moved to approve Resolution 23-09.

c. Citizen Comments

Mayor Fouraker opened for citizen comments before hearing a second to the motion made by Comm Holihan. There being none, he closed citizen comments and called for the approval of the following.

Mayor Fouraker said as a formality, he would like to add the Social Media position back to the Budget as an amendment for consideration. He reminded Council that it was a directive from Council at a prior meeting and innocently omitted from the current Budget for approval.

[&]quot;If a person decides to appeal any decision made by the Council with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings, and that, for such purpose, he/she 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 to be based." (F. S. 286.0105). "Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's Office (407-851-7730) at least 48 hours in advance of the meeting." —Page 1 of 5

The Council thanked staff for the explanations regarding the Budget decreases. They said they would also like to see an explanation for increases moving forward before the budget season. Some examples were discussed.

- d. Resolution 23-09 FY23-24 Adopting Final Millage Rate
 Interim City Manager Grimm read Resolution 23-09 by Title.
 Comm Holihan moved to approve Resolution 23-09 FY23-24 Adopting Final Millage Rate.
 Comm Partin seconded the motion, which passed unanimously.
- e. Resolution 23-10 FY23-24 Adopting Final Budget Interim City Manager Grimm read Resolution 23-10 by Title. Comm Smith moved to approve Resolution 23-10 Adopting Final Budget. Comm Holihan seconded the motion, which passed by roll call 7:0.
- f. Resolution 23-11 FY23-24 Adopting Five-Year CIP Interim City Manager Grimm read Resolution 23-11 by Title.
 Comm Lowell moved to approve Resolution 23-11, Adopting Five-Year CIP.
 Comm Holihan seconded the motion, which passed by roll call 7:0.

Close Public Budget Hearing

There being no further business, Mayor Fouraker closed the Budget Hearing at 6:48 pm.

Open Regular City Council Meeting

1. Call to Order and Confirmation of Quorum

Mayor Fouraker called the meeting to order at 6:49 pm, and the City Clerk confirmed the quorum.

2. Invocation and Pledge to Flag - Comm Randy Holihan, District 4

3. Consent Items

- a. Approval of the City Council Workshop minutes August 29, 2023
- b. Approval of the City Council Special Called Session minutes August 29, 2023
- c. Approval of the City Council Special Called Session minutes September 13, 2023 (Clarification of Motion Required)
- d. Proclamation 90th Birthday Dale F Robinson

Comm Carugno moved to pull item c for discussion. He stated that the motion was written incorrectly. The motion was to involve the City Attorney and Colin Baenziger in the negotiation process. After a brief discussion, Comm Gold stated that his intent for the motion was to include the Mayor.

The Council consensus was to correct the motion as follows.

The motion read, "Comm Gold moved to direct the City Attorney, Colin Baenziger, and the Mayor to draft and negotiate a contract for Council approval and appoint Paul Carlisle subject to contract negotiations." Should read, "Comm Gold moved to direct the City Attorney, Colin Baenziger, and the Mayor to draft and negotiate a contract for Council approval and appoint Paul Carlisle subject to contract negotiations."

Attorney Langley said the Council could move to correct the minutes as discussed and open discussion later in the meeting to correct if needed.

Comm Gold moved to approve the consent agenda items as discussed.

[&]quot;If a person decides to appeal any decision made by the Council with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings, and that, for such purpose, he/she 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 to be based." (F. S. 286.0105). "Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's Office (407-851-7730) at least 48 hours in advance of the meeting." —Page 2 of 5

Comm Smith seconded the motion, which passed unanimously.

Mayor Fouraker read the Proclamation for the record.

4. RVi Planning - Comp Plan Presentation Update

The RVi Panning team presented a PowerPoint presentation providing the Comprehensive Plan update: Stephen Noto, Director of Planning, Patrick Murray, and Alexis Crespo. He noted that the team is revisiting the Council's Strategic Plan goals from 2019-2020 to determine relevancy and connection to the Comprehensive Plan update. They stated that they would schedule a community workshop, hold public hearings, map amendments, and submit a city-wide survey for community input throughout the process.

5. Citizen's Comments

Mayor Fouraker opened for citizen comments.

Gary Meloon, residing at 6101 Matchett Road, spoke on the Wallace Field Use Agreement and said he did not see a map for the eight-foot hedge or vegetation barrier wall.

There being no further comments, Mayor Fouraker closed citizen comments.

6. Unfinished Business

a. Approval of the Wallace Field Use Agreement Interim City Manager Grimm stated that April Fisher could not attend the meeting. He presented the updated Wallace Field Use Agreement for Council approval. Interim City Manager Grimm noted that the changes to Section 3 of the agreement were made for consideration per the September 5th meeting discussion regarding hours of operation.

Comm Partin said he was the one who requested the change for clarity, is happy to see an end date for using the field, and favors the agreement as written now.

Comm Smith and Comm Holihan shared their concerns with the verbiage "exclusive" and "100%" use.

Attorney Langley said the verbiage can be changed to the following with CCA approval, Section 3a, "Notwithstanding CCA exclusive use provision upon reasonable notice, the City may request and obtain use of the property during the hours of Monday through Friday for other public purposes." Mr. Brooks said he favors the change if the use is tied to a specific event.

Comm Carugno asked for clarification on the following,

- -Stipulation of use during the holiday season and summer hours
 - CCA may have summer football camps and may use the field.
- -Drainage System update; and
 - CCA Engineers are speaking with the County to coordinate a system.
- -Consideration of turf vs. artificial turf due to the reports on safety in an artificial field.

CCA initially decided on artificial turf because it is sustainable throughout the season rather than turf and fertilized grass. And it is the same material used on the playing field. He noted that he is aware of the reports and found documentation on both sides of the argument, and many of the injuries were not caused because of Astroturf.

Comm Holihan asked if the indemnification insurance in the Use Agreement is sufficient. Attorney Langley said the cost is fair since the City can pursue Sovereign Immunity and has its insurance. Additionally, CCA will add its insurance.

[&]quot;If a person decides to appeal any decision made by the Council with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings, and that, for such purpose, he/she 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 to be based." (F. S. 286.0105). "Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's Office (407-851-7730) at least 48 hours in advance of the meeting." —Page 3 of 5

b.

Mr. Brooks noted they are moving forward with the landscaping plan and relocating most existing trees found on the CCA Landscaping Plan. CCA will remain competitive with sound and light screening.

After further discussion, Attorney Langley recommended the following change for Section 3a. Notwithstanding CCA's exclusive use provisions, if this paragraph 3a, upon at least twenty days advance written request by the City to CCA, the City will have the right to use the property for a special event for a period not to exceed seven consecutive days per special event. The consensus was to have the edit sent to Attorney Owens for CCA approval to include verbiage in front of the paragraphs that start with, CCA will have exclusive use <u>during the school calendar year</u>...

Mayor Fouraker opened for citizen comments.

Donella Altice, residing at 1309 Wallace Street, asked if the City and CCA would allow dogs on the
property. Interim Chief Grimm noted that leash dogs will be allowed, and the law will be enforced. Mr.
Brooks said the construction plans include doggie bag stations for park users.

Comm Partin moved to approve the CCA Use Agreement as incorporated.

Comm Lowell seconded the motion, which passed 5:2 with Comm Carugno and Comm Shuck, nay.

7. New Business

- a. Approval of the Police Salary Step Program Resolution 23-15
 Interim City Manager Grimm read Resolution 23-15 by Title.
 Comm Gold moved to approve Resolution 23-15 Police Salary Pay Plan.
 Comm Smith seconded the motion, which passed by roll call 7:0.
- Resolution 23-12 Amending Retirement Plan
 Interim City Manager Grimm read Resolution 23-12 by Title.
 Comm Partin moved to approve Resolution 23-12 Amending Retirement Plan.
 Comm Lowell seconded the motion, which passed by roll call 7:0.
- c. Resolution 23-14 FY22-23 Budget Amendment #2
 Interim City Manager Grimm read Resolution 23-14 by Title.
 Comm Holihan moved to approve Resolution 23-14 Budget Amendment #2.
 Comm Smith seconded the motion, which passed by roll call 7:0.
- d. Pete Madison Debris Management Contract Extension
 Comm Carugno moved to approve the Debris Management Contract Extension.
 Comm Smith seconded the motion, which passed unanimously 7:0.
- 8. Attorney's Report No report.

9. City Manager's Report

- a. Special Events Committee Centennial Celebration Update
 Holly Bobrowski, Chairman of the Special Events Committee, gave an update on the upcoming Centennial
 celebration. She noted they would use a local artist for the centennial logo, design a commemorative
 book for the event, and merchandise to help with fundraising. She briefly updated the upcoming events:
 January-Food Drive, May-Movie Night, April-Abor Day Tree Planting, and Easter.
- b. Chief's Report Sgt McCormick briefly updated the Police Department stats.
- c. Public Works Report Mr. Price briefly updated on Conway & Quando repair, Windsor Place sidewalk replacement, and Hoffner Bridge graffiti cleanup.

10. Mayor's Report - No report.

[&]quot;If a person decides to appeal any decision made by the Council with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings, and that, for such purpose, he/she 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 to be based." (F. S. 286.0105). "Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's Office (407-851-7730) at least 48 hours in advance of the meeting." —Page 4 of 5

11. Items from Council

The Council reported on the following,

- Staff to research audio sound options for Zoom calls during council meetings.
- Concerns about traffic and speeding on Gondola asked if the City could contact Orange County.
- Pond weeds are overtaking the Lake requesting to coordinate with the Lobbyists to speak with FWC.
- Council moved to revisit the motion made at the September 13, 2023, meeting as follows,

Comm Gold moved to reconsider the motion to authorize the Mayor to work with Colin Baenziger and the City Attorney on negotiations of the City Manager contract.

Comm Partin seconded the motion, which passed 6:1 with Comm Carugno, nay.

12. Adjournment

With no further business, Mayor Fouraker called for a motion to adjourn. The motion passed unanimously at 8:35 pm.

1

RESOLUTION NO. 23-13

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

A RESOLUTION OF THE CITY OF BELLE ISLE, FLORIDA, AUTHORIZING AN AMENDMENT TO THE CREDIT AGREEMENT WITH SOUTHSTATE BANK TO EXTEND THE \$750,000 REVOLVING LINE OF CREDIT; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on January 3, 2012, the City Council of the City of Belle Isle adopted Ordinance 11-12 providing authorizing the City to borrow in anticipation of the receipt of revenues for a line of credit up to \$750,000 to fund capital projects, emergencies or other expenses of the City; and

WHEREAS, the City entered into a Revolving Line of Credit Agreement with First Southern Bank (now known as Southstate Bank) on January 15, 2012; and

WHEREAS, the Revolving Line of Credit was renewed with a Credit Agreement on January 15, 2019 with an expiration date of October 19, 2023; and

WHEREAS, the Council hereby finds, determines, and declares that the continued preservation of the health, welfare, convenience, and safety of the City and its citizens must provide for a line of credit of up to \$750,000.00 to be drawn upon to fund capital projects, emergencies or other expenses of the City.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY OF BELLE ISLE, FLORIDA

SECTION 1. This Resolution is adopted pursuant to the provisions of Chapter 166, Part II, Florida Statutes, the City of Belle Isle Charter, and other applicable provisions of law (the "Act").

Τ	SECTION 2. The City hereby approves the First Amendment to Credit Agreement	
2	with Southstate Bank, dated October 19, 2023, to extend the \$750,000 revolving	
3	Line of Credit. The City Manager is hereby authorized and directed to accept the	9
4	terms of the First Amendment to Credit Agreement by execution thereof and	
5	delivery to Southstate Bank.	
6	SECTION 3. This Resolution shall take effect immediately upon its passage.	
7	section 3. This resolution shall take effect inunediately upon its passage.	
8		
9	Nicholas Fouraker, Mayor	
10	ATTEST:	
11	YOLANDA QUICENO, CITY CLERK	
12	TOLINDA QUICINO, CITT CHIAR	
13		
14	APPROVED AS TO FORM AND LEGALITY	
15	CITY ATTORNEY	
16		
17		
18		
19		
20		
21	STATE OF FLORIDA	
22	COUNTY OF ORANGE	
23	I, YOLANDA QUICENO, CITY CLERK OF BELLE ISLE, FLORIDA, do hereby certify that	
24	the above and foregoing Resolution 23-13 was duly and legally passed and adopted	d
25	i iji ji ii i i i ii ii ii ii ii ii ii i	

1	by the Belle Isle City Council in sessi	on assembled. At this session, a qu	ıorum
2	of its members was present on the	day of October 2023.	
3			
4			
5	Yolanda Quiceno, City Clerk		
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

FIRST AMENDMENT TO CREDIT AGREEMENT

This FIRST AMENDMENT TO CREDIT AGREEMENT (the "First Amendment") made and entered as of October 19, 2023, by and between CITY OF BELLE ISLE, FLORIDA ("Borrower") and SOUTHSTATE BANK (formerly CENTERSTATE BANK, N.A.) ("Bank"), amends the CREDIT AGREEMENT entered as of January 15, 2019 between the Borrower and the Bank (the "Credit Agreement").

RECITALS

Borrower has requested that Bank extend the revolving Line of Credit provided under the Credit Agreement and Bank has agreed to an extension of one year on the terms and conditions set forth herein and in the Credit Agreement.

NOW, THEREFORE, in consideration of the premises and the mutual covenants herein set forth and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do hereby agree as follows:

I. AMENDMENT TO CREDIT AGREEMENT

1.01 Section 1.03 of the Credit Agreement is hereby amended to read as follows:

1.03 The Bank's obligation to advance under the Note shall expire on October 19, 2024, unless renewed or extended by Bank in writing and in its sole discretion upon terms then satisfactory to Bank (as stated or so extended, but not later than October 19, 2028, "Expiration Date"). The Bank's obligation to advance under the Note shall be suspended for such time as the Borrower is in Default (without regard to any applicable notice requirement or grace period) under the Note or this agreement.

II. ADDITIONAL PROVISIONS

2.01 All notices, certificates or other communications hereunder shall be sufficiently given and shall be deemed given when hand delivered or mailed by registered or certified mail, postage prepaid, to the parties at the following addresses:

Borrower: City of Belle Isle, Florida

1600 Nela Avenue

Belle Isle, Florida 32809-6199 Attention: City Manager

Bank: SouthState Bank, N.A.

1500 Lee Rd.

Winter Park, FL 32789 Attention: John Wayne

Either of the above parties may, by notice in writing given to the others, designate any further or different addresses to which subsequent notices, certificates or other communications shall be sent.

- 2.02 The amendments to the Original Indenture set forth herein shall be effective as of October 19, 2023.
- 2.03 Except as expressly modified herein, the parties acknowledge that all other terms and provisions of the Credit Agreement remain unmodified, and the Credit Agreement is hereby ratified and affirmed and remains in full force and effect.
- 2.04 This agreement may only be amended by a written instrument executed by Borrower and Bank.
- 2.05 This agreement shall be binding upon Borrower and Bank and shall inure to the benefit of Borrower and Bank and their respective successors and assigns.

- 2.06 This agreement and the Note represent the final agreement between the parties and may not be contradicted by evidence of prior, contemporaneous or subsequent agreements of the parties. There are no unwritten agreements between the parties.
- 2.07 This agreement may be simultaneously executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument. This First Amendment may be delivered by the exchange of signed signature pages by facsimile transmission or by e-mail with a pdf copy or other replicating image attached, and any printed or copied version of any signature page so delivered shall have the same force and effect as an originally signed version of such signature page.
- 2.08 This agreement shall be governed by and construed in accordance with the laws of the State.
- 2.09 <u>Waiver of Jury Trial</u>. To the extent permitted by applicable law, each of Borrower and Bank knowingly, voluntarily and intentionally waives any right each may have to a trial by jury in respect of any litigation based on, or arising out of, under or in connection with this agreement, the Note or any agreement contemplated to be executed in connection with this agreement, or any course of conduct, course of dealing, statements (whether verbal or written) or actions of any party with respect hereto. This provision is a material inducement to Bank to enter into this agreement.

[SIGNATURE PAGE FOLLOWS]

[SIGNATURE PAGE TO CREDIT AGREEMENT]

IN WITNESS WHEREOF, the parties hereto have duly executed this agreement as of the date first above written.

CITY OF BELLE ISLE, FLORIDA

(SEAL)	Ву:
	Travis Grimm, Interim City Manager
ATTEST:	
Ву:	
Yolanda Quiceno, CMC, City Clerk	
	SOUTHSTATE BANK, N.A.
	Ву:
	John Wayne, Senior Vice President

RESOLUTION NO. 23-16 1 2 A RESOLUTION OF THE CITY OF BELLE ISLE, FLORIDA, AMENDING THE FISCAL YEAR ANNUAL BUDGET, BEGINNING OCTOBER 1, 2022, AND ENDING SEPTEMBER 30, 3 2023, AND BUDGET BEGINNING OCTOBER 1, 2023, AND ENDING SEPTEMBER 30, 4 5 2024, CREATING A PARKS IMPACT FEE FUND AND GENERAL GOVERNMENT IMPACT FEE FUND. 6 7 WITNESSETH: WHEREAS, THE City Council of Belle Isle, Florida, has determined it is necessary to create two 8 new funds within FY 2022-2023 and FY 2023-2024 Annual Budgets; and 9 WHEREAS, creating the Parks Impact Fee Fund and General Government Impact Fee Fund is 10 necessary in accordance with Ordinance No 21-15, establishing new impact fees for parks and general 11 12 government; and WHEREAS, the City Council hereby authorizes the creation of the Parks Impact Fee Fund and 13 General Government Impact Fee Fund in compliance with Section 46-196 of the City Code. 14 15 NOW THEREFORE, it is hereby resolved and adopted by the Belle Isle City Council that the City Manager is hereby authorized to fund the accounts created by this Resolution pursuant to Ordinance 16 21-15. 17 18 BE IT FURTHER RESOLVED THAT: This resolution shall become effective immediately upon its passage and adoption upon roll 19 20 call. 21 22 NICHOLAS FOURAKER, MAYOR 23 ATTEST: 24 Yolanda Quiceno, City Clerk 25

1					
2			_		
3	Approved as t	to form and legality			
4	City Attorney				
5					
6		YES	NO	ABSENT	
7	Ed Gold				
8	Anthony Carugno				
9	Karl Shuck				
10	Randy Holihan		-		
11	Beth Lowell				
12	Stan Smith				
13	Jim Partin				
14					
15	STATE OF FLORIDA				
16	COUNTY OF ORANGE				
17	I, YOLANDA Q	UICENO, CITY CLERI	K OF THE CITY OF BELL	E ISLE, FLORIDA, do he	ereby certify
18	that Resolution No. 2	3-16 was duly and I	egally passed and ado	oted by the Belle Isle C	ity Council in
19	session assembled, a	at which session a q	uorum of its members	were present on the _	day of
20		2023.			
21					
22					
23	Yolanda Quiceno, City	y Clerk			
24					
25					

CITY OF BELLE ISLE

Proclamation

Declaring the Week of November 4th through November 11th, 2023 **20**th **Anniversary**

"WEEK OF THE FAMILY - Strengthening the family every week of the year."

Whereas, the City of Belle Isle is blessed with a multitude of families, an essential part of the cultural, social, and spiritual fabric

of our community, and

Whereas, the City of Belle Isle recognizes that strong families are at the center of strong communities; that children live better lives when their families are strong; and that families are strong when they live in communities that connect them to economic opportunities, social networks, and services; and



Whereas, everyone has a role to play in making families successful, including neighborhood organizations, businesses, non-profit agencies, policymakers, and families themselves; and

Whereas, during the week of November 4th through November 11th, 2023, the City of Belle Isle's residents should take time to honor the importance of families and recommit to enhancing and extending the special connections that support and strengthen them throughout the year and

Whereas, during this week, we urge residents of the City of Belle Isle to join other agencies and organizations throughout the county to honor and celebrate our families.

Now, therefore, I, Nicholas Fouraker, Mayor of the City of Belle Isle, do hereby proclaim the week of November 4th through November 11th, 2023, as

"WEEK OF THE FAMILY - Practice Kindness"

in the City of Belle Isle and encourage all citizens to share in this occasion.

ATTEST	In Witness Whereof, I hereunto have set my hand and			
	caused the Seal of the City of Belle Isle to be affixed this			
Yolanda Quiceno, CMC, City Clerk	17th day of October 2023.			
	Mayor Nicholas Fouraker			



April Fisher, A
PRESIDENT
407.494.8789
fisherpds@outlook.com

October 13, 2023

To: Belle Isle City Council

From: April Fisher through Interim City Manager Travis Grimm

<u>Cornerstone Charter Academy Planned Development Final Development Plan in</u> Compliance with Ordinance 23-02

Background:

The City Council adopted Ordinance 23-02 at the May 2, 2023, public hearing. This Ordinance approved rezoning the subject properties comprising Cornerstone Charter Academy to the Planned Development (PD) zoning designation. As part of this process, a preliminary concept plan for expansion of the school facilities was approved and memorialized in the Ordinance.

The PD rezoning is a two-step process with the preliminary concept plan receiving approval first. Within 9 months of the preliminary concept plan approval, the development plan must be submitted to the City Council for review and approval. The Land Development Code requires that the development plan be consistent with the preliminary concept plan (Sec. 54-77 (e)(5)).

Staff Recommendation:

The enclosed plans are the development plan prepared for City Council review and approval. Staff and City consultants reviewed these plans and have determined them to be consistent with the approved PD preliminary concept plan, code requirements regarding lighting, transportation, and engineering standards.

Additionally, the applicant obtained the required regional approvals for this project. These approvals include Orange County Engineering Department (drainage review), Orange County Fire Department, the Florida Department of Transportation (drainage connection permit), and the Saint Johns River Water Management District.

Staff recommends the City Council approve the development plan as presented, which will complete the PD rezoning process.

CORNERSTONE CHARTER ACADEMY CONSTRUCTION PLANS CITY OF BELLE ISLE, FLORIDA

APPLICANT/ OWNER:

CORNERSTONE CHARTER ACADEMY, INC.

906 WALTHAM AVE.

CITY OF BELLE ISLE, FL 32809

407-608-7171

RENEE PANCOAST, Ed.D

rpancoast@cornerstonecharter.com

GEOTECHNICAL

ECS FLORIDA. LLC

2815 DIRECTORS ROW #500, ENGINEER:

ORLANDO, FL 32809 PHONE: (407) 859-8378

ARCHITECT: CIVICA ARCHITECTURE & URBAN DESIGN

8323 NW 12th St. SUITE 106

DORAL, FL 33126

PHONE: (305) 593-9959

TRAFFIC: TRAFFIC PLANNING & DESIGN, INC.

535 VERSAILLES DR. SUITE #200

MAITLAND, FL 32751 PHONE: (305) 923-7103

SURVEYOR: BISHMAN SURVEYING & MAPPING, INC.

32 W. PLANT STREET

WINTER GARDEN, FL 34787 PHONE: (407) 905-8877 **FAX:** (407) 905-8875

PERMITTING AGENCIES

S.J.R.W.M.D.: ENVIRONMENTAL RESOURCE PERMIT F.D.E.P.: WATER AND WASTEWATER SYSTEM PERMITS

CITY OF BELLE ISLE: SITE PLAN APPROVAL ORANGE COUNTY UTILITIES: FIRE AND SEWER FLORIDA DEPARTMENT OF TRANSPORTATION

ORLANDO UTILITIES COMMISSION

UTILITY COMPANIES

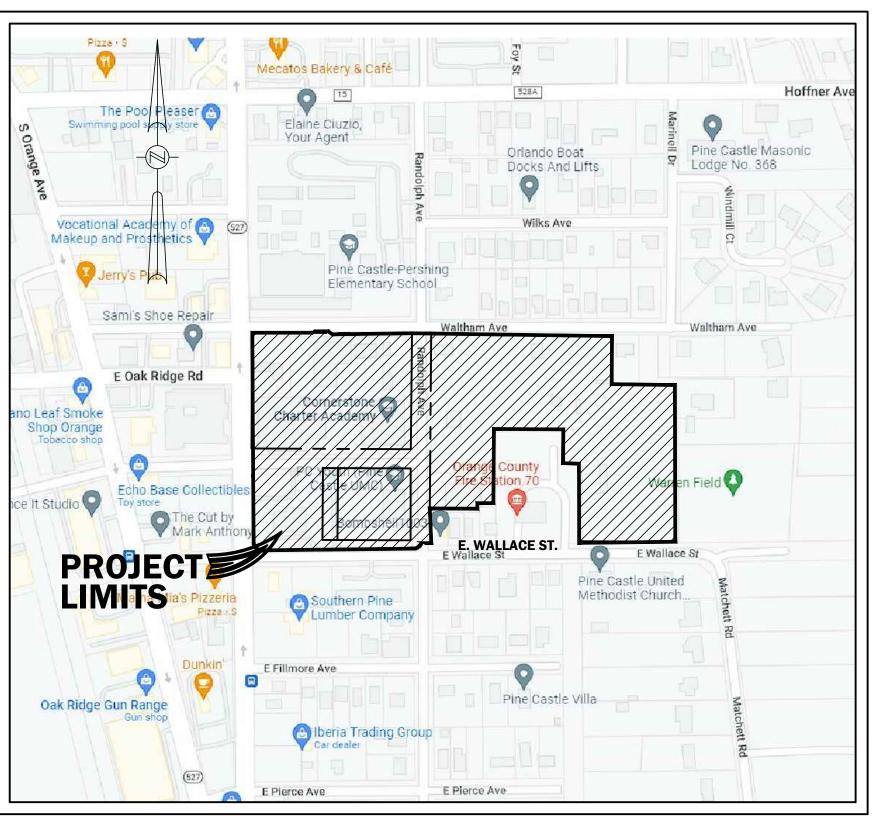
WATER: (407)-423-9018 **ORLANDO UTILITIES COMMISSION SEWER:** (407)-254-9764 ORANGE COUNTY UTILITIES **ELECTRIC: DUKE ENERGY**

(877)-372-8477 AT&T

TELEPHONE: (800)-288-2020

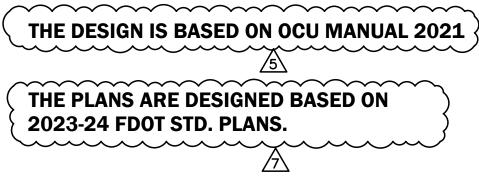
CABLE: (855)-317-1263 **CHARTER SPECTRUM**

SITE VICINITY MAP



NOT TO SCALE

OCU PROJECT NUMBER: 23-U-066



PLAN INDEX

COVER SHEET C-1

C-2-C-7 **BOUNDARY AND TOPOGRAPHIC SURVEY (6)**

C-8 BOUNDARY AND TOPOGRAPHIC SURVEY - BANK OF AMERICA

C-9 LEGEND NOTES AND SPECIFICATIONS

C-10 SITE DEMOLITION PLAN

C-11 OVERALL MASTER SITE PLAN

C-12 OVERALL MASTER PAVING, GRADING AND DRAINAGE PLAN

C-13 DRAINAGE STRUCTURES LEGEND.

C-14 **OVERALL SITE UTILITY PLAN**

C-15-C-18 SITE GEOMETRY PLAN (4)

C-19-C-22 SITE PAVING, GRADING & DRAINAGE PLAN (4)

C-23-C-26 SITE UTILITY PLAN (4)

C-27-C-28 SITE CROSS SECTIONS (2)

C-29-C-30 SITE CONSTRUCTION DETAILS

C-31-C-32 ORANGE COUNTY UTILITIES DETAILS (1-3)

C-33-C-34 ORLANDO UTILITIES COMMISSION WATER DETAILS (2)

C-35-C-36 LIFT STATION DETAILS

C-37-C-39 CONTECH - EXFILTRATION 1 DETAILS

C-40-C-42 CONTECH - EXFILTRATION 1 & 2 DETAILS

L-1 - L-3 LANDSCAPE PLAN (3) L-4 - L-6 **IRRIGATION PLAN (3)**

SP-1 **SITE PLAN - PHOTOMETRIC CALCS** SP-2 LIGHT FIXTURE CUT SHEETS & AREAS



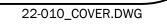
Engineering the Future

5127 S. Orange Avenue, Suite 200

Orlando, FL 32809

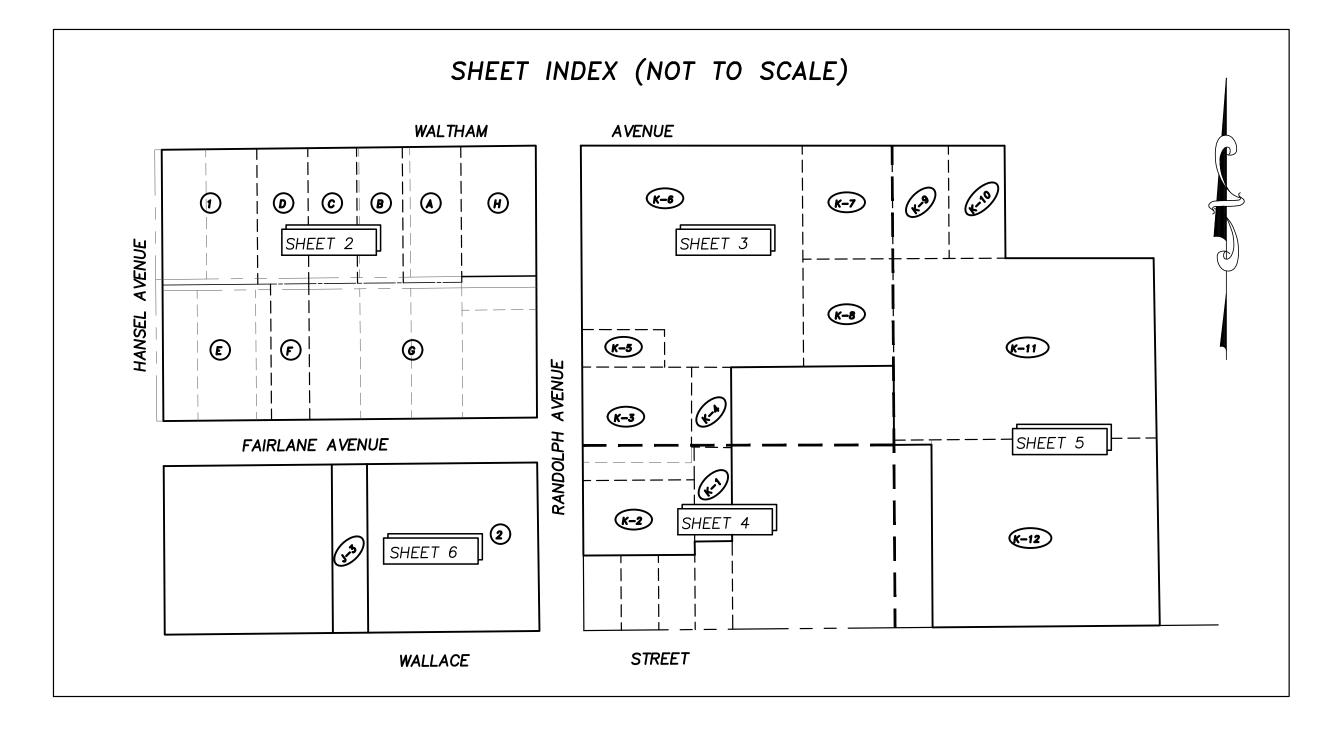
Phone: 407-895-0324 Fax: 407-895-0325

www.feg-inc.us



BOUNDARY AND TOPOGRAPHIC SURVEY

CORNERSTONE CHARTER ACADEMY



SURVEYORS NOTES:

. NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL, OR DIGITAL SIGNATURE AND SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. PRINTED COPIES OF A DIGITAL SIGNED AND SEALED SURVEY ARE NOT VALID.

2. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR RIGHTS OF WAY, EASEMENTS, OWNERSHIP, OR OTHER INSTRUMENTS OF RECORD, BY THIS FIRM. 3. REVISIONS DO NOT CONSTITUTE A RE-CERTIFICATION OF THE EXISTING FIELD

4. BEARINGS SHOWN HEREON ARE BASED ON THE NNORTH RIGHT-OF-WAY LINE OF FAIRLANE AVENUE AS BEING S89°27'20"W (ASSUMED).

- 5. THE DESCRIPTION SHOWN HEREON WAS SUPPLIED BY THE CLIENT.
- 6. UNDERGROUND IMPROVEMENTS AND INSTALLATIONS HAVE NOT BEEN LOCATED.

7. THE LANDS SHOWN HEREON LIE ENTIRELY WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD) ACCORDING TO "FIRM" MAP NO. 12095C0430 F, COMMUNITY NO. 120179, DATED SEPTEMBER 25, 2009.

8. THE ELEVATIONS SHOWN HEREON ARE BASED ON ORANGE COUNTY DATUM PER BENCH MARK NUMBER S1316-035 BEING A BOX CUT ON TOP OF CURB INLET, ELEVATION = 101.52 (NAVD 1988).

9. SITE BENCHMARKS ARE SHOWN HEREON

10. THE ELECTRONIC FILE FOR THIS PROJECT IS THE PROPERTY OF BISHMAN SURVEYING AND MAPPING, INC. AND IS NOT THE PROPERTY OF THE CLIENT.

GREASE TRAP MANHOLE

WATER SHUT-OFF VALVE

POWER TRANSFORMER

POWER MANHOLE

LEGEND/ABBREVIATIONS:

R RADIUS WELL △ CENTRAL ANGLE ELECTRICAL OUTLET LENGTH TELEPHONE RISER CH CHORD FIRE HYDRANT CB CHORD BEARING T.B. TANGENT BEARING MASTER WATER ASSEMBL (M) MEASURED (C) CALCULATED WATER VALVE (D) DESCRIPTION POB POINT OF BEGINNING POC POINT OF COMMENCEMENT IRRIGATION VALVE O.R. OFFICIAL RECORDS BOOK GAS VALVE PG. PAGE SANITARY MANHOLE DRAINAGE MANHOLE

TYP. TYPICAL P.T. POINT OF TANGENCY P.C. POINT OF CURVATURE ● IRON ROD & CAP NAIL & DISC ↑ 4"x4" CONCRETE MONUMENT

IRON PIPE ----- BARBED WIRE FENC ----- METAL FENCE © CENTERLINE LB LICENSED BUSINESS

WATER METER GAS METER POWER METER WATER BLOW-OFF VALVE PSM PROFESSIONAL SURVEYOR & MAPPER

NOT ALL SYMBOLS AND ABBREVIATIONS SHOWN HEREON MAY BE USED PLS PROFESSIONAL LAND SURVEYOR PVC POLYVINYL CHLORIDE PIPE RCP REINFORCED CONCRETE PIPE CMP CORRUGATED METAL PIPE DIP DUCTILE IRON PIPE VCP VITIOUS CLAY PIPE CPP CORRUGATED PLASTIC PIPE ---- UGT --- UNDERGROUND TELEPHONE LINE -----UGCT--- UNDERGROUND CABLE TELEVISION ---- FOC --- FIBER OPTIC CABLE WOODEN UTILITY POLE -**(** GUY POLE

GUY ANCHOR /-INV=69.73 INVERT ELEVATION + 68.51 EXISTING GROUND ELEVATION ∠60 EXISTING GROUND CONTOUR --- SINGLE POST SIGN

O O DOUBLE POST SIGN HANDICAPPED PARKING SPACE (H/C) SITE BENCH MARK (AS INDICATED)

ELECTRIC HAND HOLE CABLE TELEVISION RISER TAC TELEPHONE ACCESS CABINET CATCH BASIN DRAIN CURB INLET C 1 / CURB INLET WITHOUT MANHOLE MITERED END SECTION VAULT UTILITY VAULT A/C AIR CONDITIONER POWER BOX MONITORING WELL ■ LIGHT POLE WALKWAY LIGHT

TRAFFIC SIGNAL BO.

BOLLARD

FP FLAG POLE

PKM PARKING METER

SOIL BORING

TRAFFIC FLOW ARROW

FIRE DEPARTMENT CONTROL VALVE

Lot I and the East 10 feet of Lot 2 of J.G. TYNER'S SUBDIVISION, according to the Plat thereof, as recorded in Plat Book F, Page 44, of the Public Records of Orange County, Florida.

TOGETHER WITH North Half of vacated alley way as described in Resolution recorded in Official Records Book 3723, Pages 2582 through 2584, Public Records of Orange County, Florida.

The West 58 feet of Lot 2 and the East 3 feet of Lot 3, of J.G. TYNER'S SUBDIVISION, of a part of the North 391.8 feet of Lot 9, HARNEY'S HOMESTEAD, according to the Plat thereof, filed for record August 19, 1912, in Plat Book F, Page 44, Public Records of Orange County, Florida. TOGETHER WITH The North Half of vacated alleyway as described in Resolution recorded in Official Records Book 3723, Pages 2582 through 2584, Public Records of Orange County, Florida.

Lot 3, LESS the East 3 feet thereof, of J.G. TYNER'S SUBDIVISION of a part of the North 391.8 feet of Lot 9, HARNEY'S HOMESTEAD, according to the Plat there of, filed for record August 19, 1992, in Plat Book F, Page 44, Public Records of Orange County, Florida. TOGETHER WITH The North Half of vacated alley way as described in Resolution recorded in Official Records Book 3723, Pages 2582 through 2584, Public Records of Orange County, Florida.

PARCEL D

Lot4 of J.G. TYNER'S SUBDIVISION of a part of North 391.8 feet of Lot 9,of HARNEY'S HOMESTEAD, according to the Plat thereof, as recorded in Plat Book F, Page 44, Public Records

TOGETHER WITH The North Half of vacated alley way as described in Resolution recorded in Official Records Book 3723, Pages 2582 through 2584, Public Records of Orange County, Florida.

Lots Seven(7) and Eight(8) and the West Twenty Feet(20) of Lot Nine (9) of J.G.TYNER'S SUBDIVISION, according to the Plat there of, as recorded in Plat Book F, Page 44, Public Records

TOGETHER WITH South Half of vacated alley way lying North of said Lots 7 and 8 and the South Half of vacated alley way lying North of said West20 feet of said Lot 9 as described in Resolution recorded in Official Records Book 3723, Pages 2582 through 2584, Public Records of Orange County, Florida.

PARCEL F

Lot 9 (LESS the West 20 feet), J.G. TYNER'S SUBDIVISION, according to the Plat thereof, as recorded in Plat Book F, Page 44, Public Records of Orange County, Florida. TOGETHER WITH South Half of vacated alley way as described in Resolution recorded in Official Records Book 3723, Pages 2582 through 2584, Public Records of Orange County, Florida.

PARCEL C

Lots 10, 11, 12 and 13, of J.G. TYNER'S SUBDIVISION of a part of North 391.8 feet of Lot 9, OMESTEAD, according to the Map or Plat of said HARNEY'S on record; the Plat of J.G. TYNER'S SUBDIVISION, being recorded in Plat Book F, Page 44, Public Records of Orange County, Florida.

ALSO, beginning at the Northwest corner of Lot 13, of J.G. TYNER'S SUBDIVISION, of a part of the North 391.8 feet of Lot 9, of HARNEY'S HOMESTEAD, according to the Map or Plat of said HARNEY'S HOMESTEAD on record, run North 29.8 feet; thence run East 100 feet; thence run South 29.8 feet; thence run West 100 feet to the POINT OF BEGINNING. Said land being located in Section 24, Township 23 South, Range 29 East, Orange County, Florida.

Official Records Book 3723, Pages 2582 through 2584, Public Records of Orange County, Florida.

Extension of said 15 foot alley Easterly through a portion of Lot 9 of HARNEY'S HOMESTEAD, more particularly described as follows: The North 15 feet of the South 44.8 feet of the North 217.8 feet of the East 100 feet of said Lot 9, together with any other interest of party of the first part in and to that part of said Lot 9, lying North of Lot 13, of J.G.TYNER'S SUBDIVISION, (Plat Book F, Page 44), recorded in Plat Book C, Page 53, Public Records of Orange County, Florida.

<u>DESCRIPTION:</u> (CONTINUED)

The North 173 feet of the East 100 feet of Lot 9 of HARNEY HOMESTEAD, according to the Plat thereof, as recorded in Plat Book C, Page 53, Public Records of Orange County, Florida. ALSO Begin at a stone at the Northeast corner of land formerly belonging to C.J. SWEET AT PINE CASTLE, FLORIDA, situated in Section 24, Township 23 South, Range 29 East, run South 173 feet; thence West 100 feet; thence North 173 feet; thence East 100 feet to the POINT OF BEGINNING.

PARCEL J-3

Lot 9 of the HARNEY HOMESTEAD, as recorded in Plat "C", Page 53, of the Public Records of Orange County, Florida, LESS the Easterly 228.47 feet AND LESS the North 391.8 feet AND LESS the West 224.28 feet thereof;

AND LESS the road right—of—way on the South and being more particularly described as follows: Commence at the Southwest corner of Lot 9 of the HARNEY HOMESTEAD, as recorded in Plat Book "C", Page 53, of the Public Records of Orange County, Florida; thence run North 89 degrees 57minutes 29 seconds East along the North right-of-way line of Wallace Street as shown and depicted on the plat of KEEN-CASTLE, as recorded in Plat Book "P", Page 1, of said public records, a distance of 224.28 feet to the POINT OF BEGINNING; thence North 00 degrees 04 minutes 16 seconds East along the East line of the West 224.28 feet of said Lot 9, a distance of 224.70 feet to a point on the South right-of-way line of Fairlane Avenue; thence along said South line North 89 degrees 58 minutes 20 seconds East, a distance of 47.00 feet; thence leaving said South line South 00 degrees 18 minutes 56 seconds East, a distance of 224.67 feet to a point on the North right—of—way line of Wallace Street; thence along said North line South 89 degrees 57 minutes 29 seconds West, a distance of 47.00 feet to the POINT OF

PARCEL K-I:

North 126 feet of the South 243.7 feet of East 50 feet of West 198.5 feet of Lot 10, Subdivis of the HARNEY HOMESTEAD, according to the Plat there of, as recorded in Plat Book C, Page 53 of the Public Records of Orange County, Florida.

PARCEL K-2:

The North 100 feet of the South 200 feet of the West 148.5 feet of Lot 10, SUBDIVISION OF THE HARNEY HOMESTEAD, according to the Plat there of, as recorded in Plat Book C, Page 53, Public Records of Orange County, Florida. **DESCRIPTION:** (CONTINUED)

PARCEL K-3:

Begin at the Northwest corner of Lot 10, run East 145.0 feet along the North line of Lot 10 thence run South 00 degrees 07 minutes 04 seconds East 105.5 feet, thence run South 89 degrees 59 minutes 34 seconds East 3.5 feet more or less, to the Northwest comer of the above described Parcel K-1, thence South 00 degrees 07 minutes 04 seconds East 43.5 feet more or less, to the Northeast corner of the above described Parcel K-2, thence run North 89 degrees 59 minutes 34 seconds West along the North line of Parcel K-2, 148.5 feet more or less, to the Northwest corner of Parcel K-2, thence North 00 degrees 07 minutes 04 seconds West 149.0 feet more or less, to the POINT OF BEGINNING, all within the SUBDIVISION OF THE HARNEY HOMESTEAD, according to the Plat there of, as recorded in Plat Book C, Page 53, Public Records of Orange

From the Northwest corner of Lot 10, run East 145.0 feet along the North line of Lot 10; thence run South 00 degrees 02 minutes 36 seconds West 105.5 feet to the POINT OF BEGINNING; thence run East 3.5 feet to the Northwest corner of the above described Parcel K-1, thence South 00 degrees 02 minutes 36 seconds West 43.5 feet to the Northeast corner of the above described Parcel K-2, thence run West along the North line of Parcel K-2, 148.5 feet to the Northwest corner of Parcel K-2, thence North 00 degrees 02 minutes 36 seconds East 24.53 feet; thence South 89 degrees 13 minutes 04 seconds East 145.01 feet; thence North 00 degrees 02 minutes 36 seconds East 21.15 feet to the POINT OF BEGINNING, all within the SUBDIVISION OF HARNEY HOMESTEAD, according to the Plat there of, as recorded in Plat Book C, Page 53, Public Records of Orange County, Florida.

PARCEL K-4:

A portion of Lot 10, SUBDIVISION OF HARNEY HOMESTEAD, as recorded in Plat Book C, Page 53, of the Public Records of Orange County, Florida, being more particularly described as follows: Commence at the Northwest corner of said Lot 10; thence due East145.00 feet along the North ine of said Lot 10 for a POINT OF BEGINNING; thence continue along said North line, due East 53.50 feet to the intersection of said North line and the Northerly prolongation of the East line of the North 126 feet of the South 243.7 feet of the East 50.00 feet of the West 198.50 feet o said Lot 10; thence along said east line, South 00 degrees 08 minutes 50 seconds West 105.50 feet to the Northeast corner of the North 126 feet of the South 243.7 feet of the East 50.00 feet of the West 198.50 feet of said Lot 10; thence from said point, due West 53.50 feet; thence North 00 degrees 08 minutes 50 seconds East 105.50 feet to the POINT OF BEGINNING.

The West 110 feet of South 50 feet of Lot 8, SUBDIVISION OF THE HARNEY HOMESTEAD, according to the Plat thereof, as recorded in Plat Book C, Page 53, Public Records of Orange County,

PARCEL K-6:

Lot 8, LESS the West 110 feet of South 50 feet of Lot 8, SUBDIVISION OF THE HARNEY HOMESTEAD, according to the Plat thereof, as recorded in Plat Book C, Page53, Public Records of

The West 119.83 feet of the North 150 feet of Lot 7, SUBDIVISION OF THE HARNEY HOMESTEAD, according to the Plat thereof, as recorded in Plat Book C, Page 53, Public Records of Orange

The West 120 feet of the South 145 feet of Lot 7, SUBDIVISION OF THE HARNEY HOMESTEAD, according to the Plat thereof, as recorded in Plat Book C, Page 53, Public Records of Orange

The East 75 feet of the West 194.83 feet of the North 150 feet of Lot 7, HARNEY HOMESTEAD according to the Map or Plat thereof, as recorded in Plat Book C, Page 53, Public Records of

The East 75 feet of the West 269.83 feet of the North 150 feet of Lot 7, HARNEY HOMESTEAD, according to the Map or Plat thereof, as recorded in Plat Book C, Page 53, Public Records of

Begin 763 feet East and 250 feet North of the South west corner of Lot 10, HARNEY HOMESTEAD, as per Plat thereof, recorded in Plat Book C, Page 53, Public Records of Orange County, Florida, run North 251.51 feet, West 348 feet, South 251.5 feet, East 348 feet to POINT OF BEGINNING.

Less and except there from, that portion there of conveyed by Pine Castle Methodist Church, Inc., a Florida corporation, to Charles E. Maull, Jr. and June L. Maull, by Quit Claim Deed recorded August 21, 2003 in Official Records Book 7061, Page 4692, Public Records of Orange County, Florida, more particularly described as follows:

A portion of Lot 7, Subdivision of HARNEY HOMESTEAD, Plat Book "C", page 53, Public Records of Orange County, Florida, being more particularly described as follows:

Begin at the Southeast corner of the East 75 feet of the West 269.83 feet of the North 150 feet of said Lot 7; thence East 197.48 feet along the South line of the North 150 feet of said Lot 7 to a point on the East line of lands described in Official Records Book 6253, Page 6532, Public Records of Orange County, Florida; thence South 00 degrees 28 minutes 01 seconds East 11.10 feet along said East line; thence North 89 degrees 42 minutes 36 seconds West 197.60 feet to a point on $m{a}$. Southerly projection of the East line of the East 75 feet of the West 269.83 feet of the North 150 feet of said Lot 7; thence North 00 degrees 08 minutes 50 seconds East 10.10 feet along said southerly projection to the POINT OF BEGINNING.

PARCEL K-12:

Beginning 465 feet East of the Southwest corner of Lot 10, HARNEY HOMESTEAD, in Section 24, Township 23 South, Range 29 East, as per Plat thereof, as recorded in Plat Book C, Page 53, Public Records of Orange County, Florida, run East 298 feet, North 250 feet, West 298 feet, and South 250 feet to the POINT OF BEGINNING.

PARCEL

Lots 5 and 6, less the West 10 feet of lot 6 for road right-of-way, J.G. TYNER SUBDIVISION, according to the map or lat thereof recorded among the Public Records of Orange County, Florida

PARCEL 2:

The East 100 feet of Lot 9, (less the North 391.8 feet thereof), HARNEY HOMESTEAD, Plat Book C, Page 53, Public Records of Orange County, Florida.

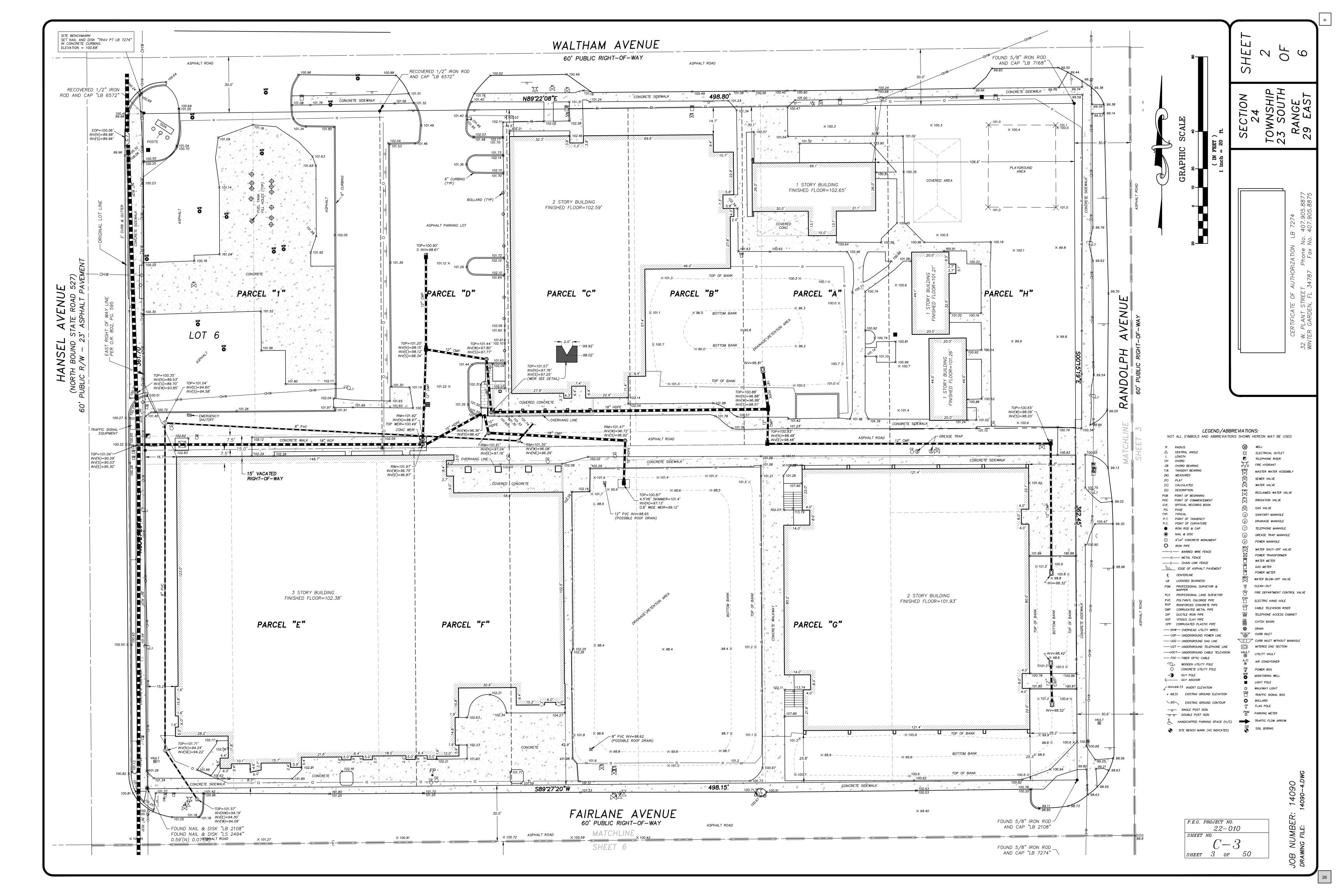
> F.E.G. PROJECT NO. SHEET NO $|_{SHEET}$ 2 of

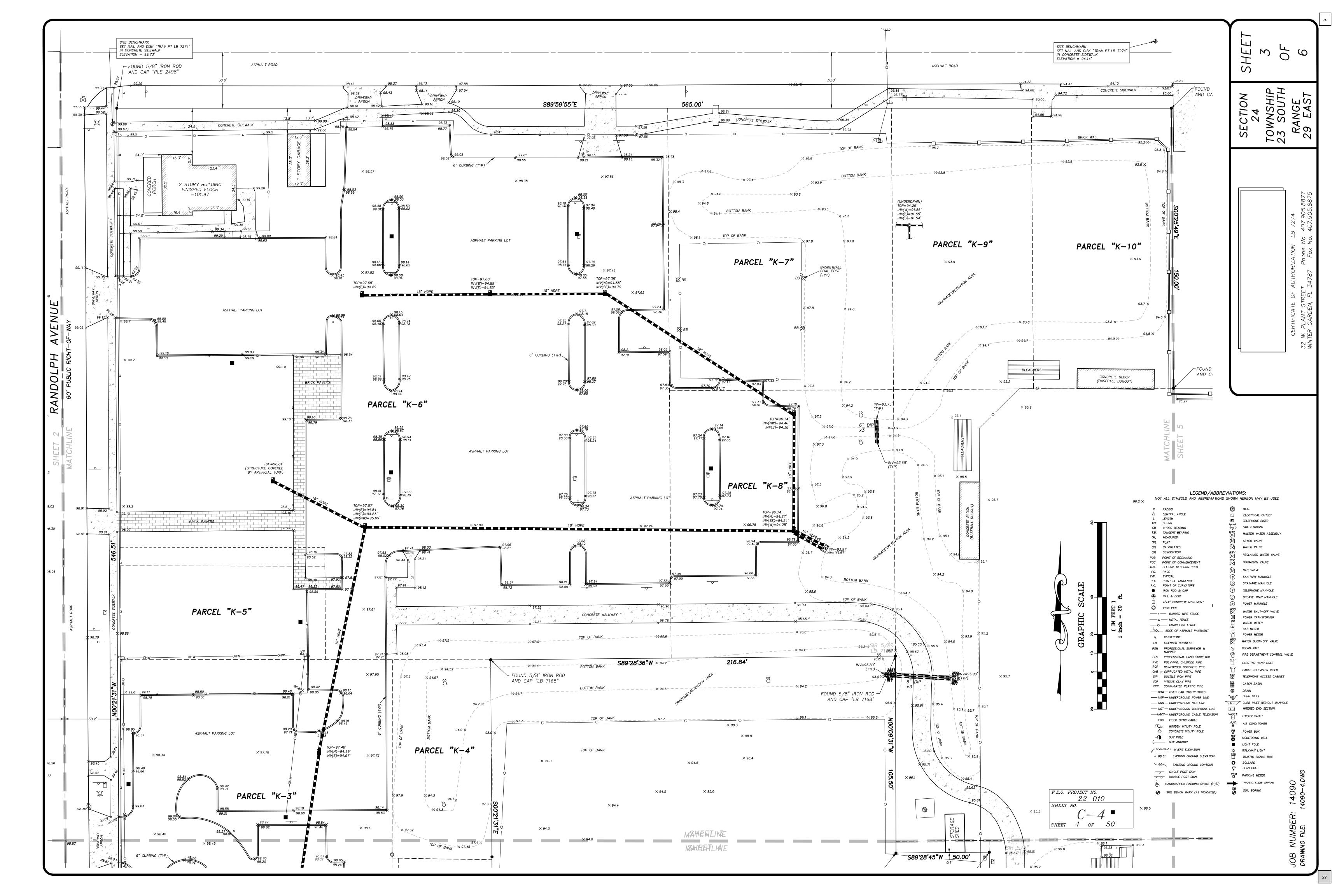
SECTION 24 0 M 8-24-2021 T. CONARD 2002 34-39, 73-14090-3.MJI SURVEY DA FIELD BY: FIELD BOOM PAGES: FIELD FILE:

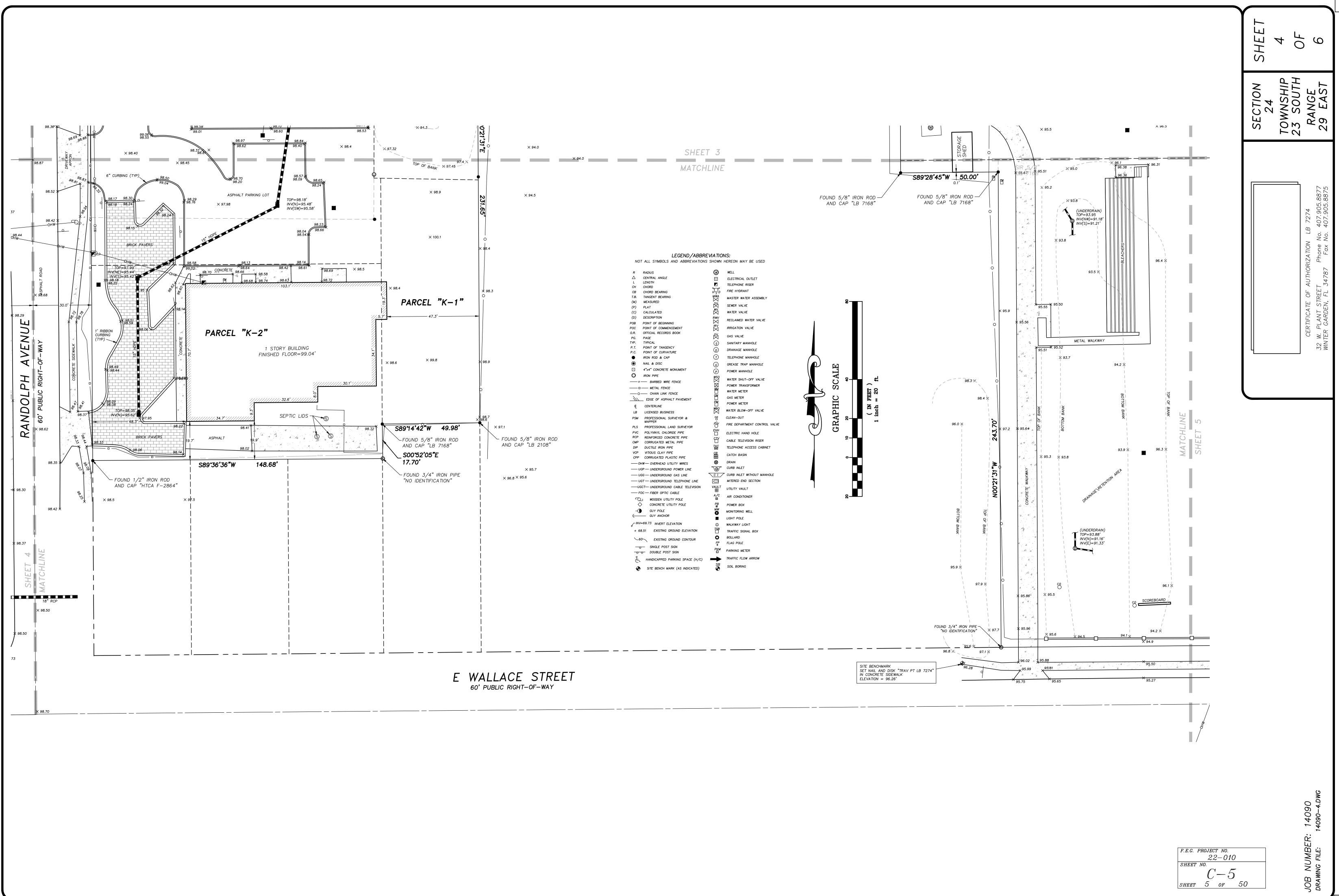
O

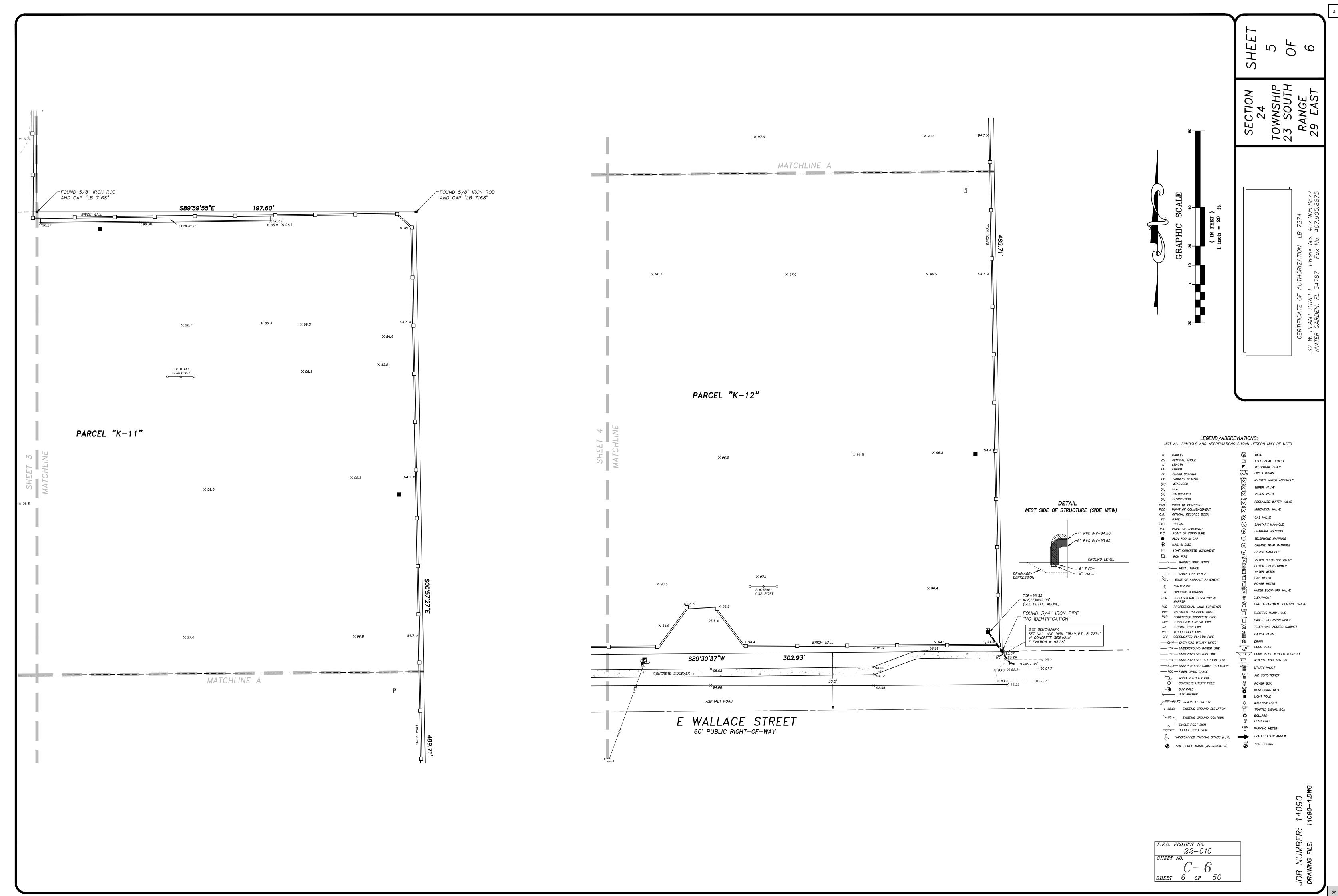
JSHIP OUTH JGE EAST

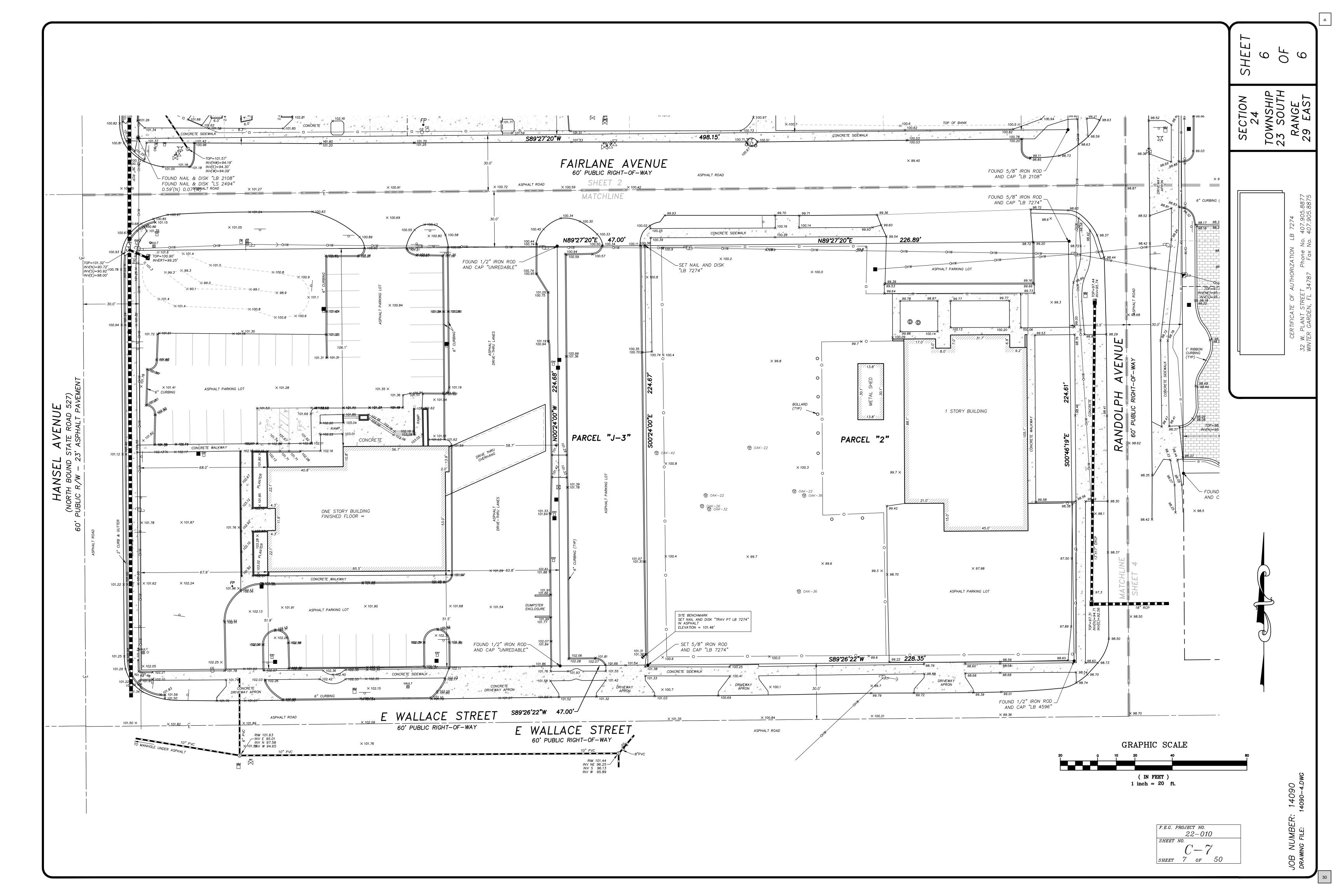
WN











SECTION 24 0 M

1 N

LEGEND

SITE

SMALL PYLON SIGN

LARGE PYLON SIGN

RIGHT TURN DIRECTIONAL ARROW

STRAIGHT DIRECTIONAL ARROW

LEFT TURN DIRECTIONAL ARROW

STRAIGHT AND LEFT TURN

STRAIGHT AND RIGHT TURN

HANDICAP PARKING SYMBOL

F.D.O.T. TYPE "F" CURB AND GUTTER

GATE VALVE BOX, WV= WATER, FV=FIRE,

IV=IRRIGATION, & SSV=SANITARY SEWER

PARKING COUNT SYMBOL PER ROW

F.D.O.T. TYPE "C" DRAINAGE INLET

F.D.O.T. TYPE "D" DRAINAGE INLET

F.D.O.T. TYPE "E" DRAINAGE INLET

F.D.O.T. TYPE "1" DRAINAGE INLET

F.D.O.T. TYPE "2" DRAINAGE INLET

F.D.O.T. TYPE "3" DRAINAGE INLET

F.D.O.T. TYPE "4" DRAINAGE INLET

F.D.O.T. TYPE "5" DRAINAGE INLET

F.D.O.T. TYPE "6" DRAINAGE INLET

DRAINAGE FLOW DIRECTIONAL ARROW

DRAINAGE STRUCTURE BUBBLE

STORM DRAINAGE MANHOLE

MITERED END SECTION

STORM DRAINAGE PIPE

GRADE ELEVATION

UTILITY

VALVE ASSEMBLY

DOMESTIC METER

IRRIGATION METER

11.25° PIPE BEND

22.5° PIPE BEND

30° PIPE BEND

45° PIPE BEND

60° PIPE BEND

90° PIPE BEND

FIRE HYDRANT ASSEMBLY

W/ UNOBSTRUCTED AREA

CLEARANCES AS REQUIRED

DECORATIVE SITE LIGHTING

FIRE DEPARTMENT CONNECTION

BY FIRE MARSHALL

CLEAN OUT

LIFT STATION

GREASE TRAP

SITE LIGHTING

UTILITY POLE

TEE

CROSS

BLOW-OFF GATE VALVE

ZONE DEVICE

GATE VALVE

REDUCER

WET WELL

DCDA - DOUBLE CHECK

DCVA - DOUBLE CHECK

RPZ - REDUCED PRESSURE

DETECTOR ASSEMBLY

-90 CONTOUR ELEVATION

■ ■ ■ EROSION CONTROL SILT FENCE

ROAD CENTERLINE SYMBOL

DIRECTIONAL ARROW

DIRECTIONAL ARROW

F.D.O.T. TYPE "D" CURB

DECORATIVE WOOD OR ALUMINUM FENCE

SCREEN/RETAINING WALL, AS NOTED.

GRADING & DRAINAGE

BIKE RACK

-X X CHAINLINK FENCE

O * O * O BARB WIRE FENCE

POLE SIGN

(S-1)

NN

GENERAL NOTES:

- . THESE GENERAL NOTES APPLY TO ALL WORK IN THIS SET OF DRAWINGS.
- 2. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR(S) TO ENSURE THAT ALL REQUIRED PERMITS ARE OBTAINED AND ARE IN HAND AT THE JOB SITE PRIOR TO THE COMMENCEMENT OF CONSTRÙĆTION. CONTRACTOR SHALL ABIDE BY ALL CONDITIONS CONTAINED THEREIN.
- 3. THE SPECIFICATIONS, NOTES, AND PLANS CALL ATTENTION TO CERTAIN REQUIRED FEATURES OF THE CONSTRUCTION BUT DO NOT PURPORT TO COVER ALL DETAILS OF DESIGN AND CONSTRUCTION. HOWEVER, THE CONTRACTOR SHALL FURNISH & INSTALL THE WORK IN ALL DETAILS AND
- 4. ALL EQUIPMENT SHALL BE HANDLED, STORED, INSTALLED, TESTED, AND OPERATED IN STRICT ACCORDANCE WITH THE APPLICABLE MANUFACTURER'S WRITTEN INSTRUCTIONS.
- 5. ALL WORK SHALL BE ACCOMPLISHED TO THE HIGHEST QUALITY CRAFTSMANSHIP STANDARDS AS APPROVED BY THE ENGINEER.
- 6. ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, ORDINANCES AND REGULATIONS.
- 7. APPARENT ERRORS, DISCREPANCIES, OR OMISSIONS ON THE DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION BEFORE BIDDING 8. AFTER COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL PERFORM SITE CLEAN—UP OPERATIONS FOR REMOVAL OF ALL TRASH, DEBR EXCESS MATERIAL, AND EQUIPMENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESENT THE PROJECT SITE CLEAN AND IN GOOD ORDER AT THE TIME OF FINAL ACCEPTANCE.
- 9. THE CONTRACTOR SHALL COMPLY WITH ALL RULES, REGULATIONS, AND SPECIFICATIONS OF CITY OF EDGEWOOD FOR SITE IMPROVEMENT IN THE ABSENCE OF A PARTICULAR REQUIREMENT.
- 10. FLORIDA LAW (F.S. 553.851) PROTECTION OF UNDERGROUND PIPELINES MANDATES THAT "NO EXCAVATOR SHALL COMMENCE OR PERFORM ANY EXCAVATION IN ANY PUBLIC OR PRIVATE STREET, ALLEY, OR RIGHT-OF-WAY DEDICATED TO THE PUBLIC USE, OR GAS UTILITY EASEMENT WITHOUT FIRST OBTAINING INFORMATION CONCERNING THE POSSIBLE LOCATION OF GAS PIPELINES IN THE AREA OF THE PROPOSED EXCAVATION THIS INCLUDES ANY OPERATION UTILIZING HAND TOOLS OR POWER TOOLS WHICH MOVES OR REMOVES ANY STRUCTURE, EARTH, ROCK, OR OTHER MASS OF MATERIAL BY SUCH METHODS AS DIGGING, BACKFILLING, DEMOLITION, GRADING, DITCHING, DRILLING, BÓRING, ÁND CABLE PLOWING. THE EXCAVATOR MUST NOTIFY THE GAS UTILITY A MINIMUM OF 48 HOURS AND A MAXIMUM OF 5 DAYS PRIOR TO EXCAVATING (EXCLUDING SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS).
- 11. CONTRACTOR SHALL NOTIFY ALL APPROPRIATE UTILITY COMPANIES OF PROPOSED START OF WORK IN ACCORDANCE WITH THEIR STANDARD REQUIREMENTS: INCLUDING BUT NOT LIMITED TO WATER. SEWER. POWER. TELEPHONE. GAS. AND CABLE TV COMPANIES
- 12. ANY DIFFERING SITE CONDITIONS FROM THAT WHICH IS REPRESENTED HEREON, WHETHER ABOVE, ON, OR BELOW THE SURFACE OF THE GROUND, SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER AND OWNER IN WRITING. NO CLAIM FOR EXPENSES INCURRED THE CONTRACTOR DUE TO DIFFERING SITE CONDITIONS WILL BE ALLOWED IF CONTRACTOR FAILS TO PROVIDE THE REQUIRED WRITTEN NOTIFICATION OF SUCH CONDITIONS FOR REVIEW BY THE ENGINEER AND OWNER.
- 13. THE CONTRACTOR SHALL FURNISH OWNER WITH ACCURATE RECORD DRAWINGS PREPARED BY A LICENSED PROFESSIONAL SURVEYOR SHOWING AS—CONSTRUCTED HORIZONTAL AND VERTICAL DIMENSIONING OF THE WORK. THE SUBMITTAL COPY OF THE RECORD DRAWINGS WILL NOT BE RETURNED. THE RECORD DRAWING OR A REPRODUCIBLE COPY PREPARED BY THE ENGINEER SHALL BE CERTIFIED BY THE CONTRACTOR AS CORRECT. ALL INFORMATION WHICH IS UNCHANGED AND CURRENT SHALL BE NOTED BY CHECKING OFF OR CIRCLING. ALL REVISED INFORMATION SHALL BE CROSSED THROUGH AND NEW DATA ADDED. ADDITIONAL REQUIREMENTS ARE NOTED IN PAVING, GRADING, DRAINAGE, WATER, AND SEWER NOTES.
- 14. ALL PRIVATE AND PUBLIC PROPERTIES AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTED UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. THE COST FOR SUCH RESTORATION SHALL BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.
- 15. THE CONTRACTOR SHALL FOLLOW THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS IN PREPARING THE SITE FOR CONSTRUCTION; THIS INCLUDES REMOVAL OF ANY EXISTING ORGANIC SOILS, DELETERIOUS MATERIAL, VEGETATION, AND/OR DEBRIS FROM WITHIN THE LIMITS OF CONSTRUCTION AS IDENTIFIED BY THE GEOTECHNICAL ENGINEER; PROOFROLLING OF THE NATURAL SOILS WHERE REQUIRED; AND OTHER GENERAL SITE PREPARATION REQUIREMENTS. SPECIFIC PROOFROLLING COMPACTION REQUIREMENTS SHOULD BE CONSISTENT WITH THE APPLICABLE DESIGN DOCUMENTS AND GEOTECHNICAL ENGINEER'S RECOMENDATIONS. IF THERE IS A CONFLICT BETWEEN THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS AND THE DESIGN DOCUMENTS, THE MORE STRINGENT REQUIREMENT SHALL APPLY.

GEOMETRY NOTES:

- . THESE PLANS ARE BASED ON A SURVEY PREPARED FOR THE OWNER BY BISHMAN SURVEYING & MAPPING, INC. AND DATED AUGUST 24, 2021 & MARCH 15, 2022.
- 2. REFER TO SHEETS C-2 TO C-8 FOR REFERENCED BENCHMARK.
- 3. CONTRACTOR SHALL STAKE ALL IMPROVEMENTS USING THE GEOMETRIC DATA PROVIDED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COMPLETELY STAKE & CHECK ALL IMPROVEMENTS TO ENSURE ADEQUATE POSITIONING, BOTH HORIZONTAL & VERTICAL, PRIOR TO THE INSTALLATION OF ANY IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY APPARENT DISCREPANCIÉS ARE FOUND.
- 4. ALL DIMENSIONS ARE TO THE FACE OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- 5. CONTRACTOR SHALL VERIFY THE ACCURACY OF THE BUILDING GEOMETRY SHOWN WITH THAT IN THE FINAL ARCHITECTURAL DRAWINGS, PRIOR TO STAKE-OUT, & SHALL NOTIFY OWNER & ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

MARKING, STRIPING, & SIGNAGE NOTES:

- MARKINGS MUST COMPLY WITH THE F.D.O.T. ROADWAY & TRAFFIC STANDARD, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2022 EDITION, AND THE ORANGE COUNTY LAND DEVELOPMENT CODE. PARKING SPACES MAY BE F.D.O.T. RATED PAINT. ALL OTHER MARKINGS MUST
- HANDICAP PARKING SPACES SHALL BE PROPERLY SIGNED AND STRIPED IN ACCORDANCE WITH FLORIDA STATUTE 316. THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND OTHER APPLICABLE STANDARDS. REFER TO 2023 F.D.O.T. ROAD AND BRIDGE CONSTRUCTION STANDARD PLANS INDEX 700-102 FOR HANDICAP SYMBOL.
- . HANDICAP SIGN SHALL BE F.D.O.T. SPECIFICATION FTP 20-06.

PAVING, GRADING, & DRAINAGE NOTES:

- ALL CONSTRUCTION, INCLUDING SIDEWALKS, SHALL BE IN ACCORDANCE WITH CITY OF BELLE ISLE CONSTRUCTION SPECIFICATIONS AND OTHER GENERAL AND SPECIAL SPECIFICATIONS, AND THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, UNLESS STATED OTHERWISE IN THE SPECIFICATIONS OR ON THE PLANS.
- SUBSURFACE INFORMATION PROVIDED WITH THESE DRAWINGS WAS OBTAINED FOR USE IN ESTABLISHING DESIGN CRITERIA FOR THE PROJECT. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED AND IS NOT TO BE CONSTRUED AS PART OF THE PLANS GOVERNING CONSTRUCTION OF THE PROJECT.
- 5. THE LOCATIONS OF EXISTING UTILITIES AND STORM DRAINAGE SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. ENGINEER ASSUMES NO RESPONSIBILITY FOR INACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ARRANGEMENTS FOR FIELD LOCATIONS AND FOR ANY RELOCATIONS OF THE VARIOUS EXISTING UTILITIES WITH THE UTILITY OWNERS, WHICH SHALL BE DONE IN A TIMELY FASHION TO MINIMIZE IMPACT ON THE CONSTRUCTION SCHEDULE. ANY DELAY OR INCONVENIENCE CAUSED THE CONTRACTOR BY THE RELOCATION OF THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.
- . ALL FILL MATERIAL IN GENERAL IMPROVEMENT AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE SOIL'S MODIFIED PROCTOR MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T—180. SPECIFIC SITE PREPARATION METHODS, TYPE OF FILL TO BE USED FOR PARKING AND BUILDING AREAS, AND COMPACTION SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. THIS PLAN ONLY COVERS SITE RELATED IMPROVEMENTS AND INFRASTRUCTURE. REFER TO PAVEMENT SECTION DETAILS FOR MATERIAL AND COMPACTION REQUIREMENTS OF PAVEMENT SUBGRADE.
- . ALL UNDERGROUND UTILITIES INCLUDING CONDUIT FOR ELECTRICAL, CABLE TV, AND TELEPHONE SHALL BE INSTALLED PRIOR TO PAVEMENT
- 5. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY PROBLEMS REQUIRING DEVIATION FROM THESE PLANS AND SPECIFICATIONS. '. THE CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS OF ALL MAJOR ITEMS PROPOSED FOR THIS PROJECT TO THE ENGINEER PRIOR TO ORDERING ANY OF THE EQUIPMENT. UPON THE CONTRACTOR'S RECEIPT OF APPROVED SHOP DRAWINGS FROM THE ENGINEER, THE CONTRACTOR MAY PROCEED WITH THE WORK.
- B. ALL DISTURBED AREAS MUST BE SODDED UNLESS OTHERWISE NOTED ON THE PLANS. ALL SODDING MUST BE DONE IN ACCORDANCE WITH SECTION 570 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, LATEST
- 9. PROVIDE HANDICAP ACCESS WHERE SIDEWALKS MEET CURBS.

EROSION CONTROL NOTES

- . ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM WITH CITY OF BELLE ISLE SPECIFICATIONS, SUBJECT TO AUTHORIZED AND APPROVED VARIANCES, WAIVERS AND/OR CONDITIONAL CHANGES.
- EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION. SEDIMENT CONTROL PRACTICES WILL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTATION OF SILT OFF THE SITE
- CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN AT THE PRE—CONSTRUCTION MEETING. THE CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES IN CONTROLLING EROSION AND SEDIMENTATION DURING CONSTRUCTION.
- \cdot . ALL CLEARED AREAS FOR IMPROVEMENT AND/OR CONSTRUCTION SHALL BE WATERED TO PREVENT WIND EROSION.
- 5. PRIOR TO LAND CLEARING THE CONTRACTOR SHALL PROVIDE TREE PROTECTION BARRIERS TO MEET THE REQUIREMENTS OF ORANGE COUNTY.
- . THE CONTRACTOR SHALL SELECTIVELY CLEAR ONLY THE AREAS REQUIRED FOR CONSTRUCTION AND STABILIZE ANY POTENTIAL EROSION AREAS IMMEDIATELY FOLLOWING COMPLETION OF CONSTRUCTION.

WATER & SEWER UTILITY NOTES:

- . CONTRACTOR SHALL COORDINATE WITH ORLANDO UTILITIES COMMISSION AND ORANGE COUNTY UTILITIES FOR CONSTRUCTION OF THE WATER AND SEWER SYSTEMS, RESPECTIVELY. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO THEIR SPECIFICATIONS AND REQUIREMENTS, AS APPLICABLE AND WILL BE SUBJECT TO THEIR INSPECTION AND ACCEPTANCE.
- CONTRACTOR SHALL COORDINATE ALL WATER AND SEWER SYSTEM TEST SCHEDULING TO ALLOW ENGINEER'S ATTENDANCE AND PROVIDE FIVE (5) WORKING DAYS NOTICE OF WATER AND SEWER TESTS. CONTRACTOR'S FAILURE TO PROPERLY NOTIFY ENGINEER MAY RESULT IN RETESTING AT ENGINEER'S OPTION AND AT CONTRACTOR'S EXPENSE
- . ENGINEER RESERVES THE RIGHT TO WITHHOLD APPROVAL FOR ANY PORTION OF THE WATER OR SEWER PIPE WORK WHICH HAS NOT BEEN TESTED (OBSERVED BY ENGINEER) AND REPORTED TO CONFORM TO PROJECT SPECIFICATIONS.
- 4. SITE CONTRACTOR SHALL COORDINATE AND VERIFY ALL UTILITY SERVICES WITH FINAL ARCHITECTURAL DRAWINGS AND BUILDING CONTRACTOR.
- 5. CONTRACTOR SHALL VERIFY SIZE AND TYPE OF EXISTING MAIN PRIOR TO ORDERING TAPPING MATERIALS FOR TIE-INS.
- 6. CONTRACTOR SHALL MAINTAIN A SET OF RECORD DRAWINGS MARKED UP WITH HORIZONTAL AND VERTICAL AS-BUILT INFORMATION ON LOCATION OF WATER MAINS, FITTINGS, AND WATER SERVICES LOCATED FROM CENTERLINE OF NEAREST FIRE HYDRANT OR NEAREST MANHOLE. 1. SITE UTILITY WORK SHALL TERMINATE 5 FEET FROM BUILDINGS UNLESS OTHERWISE STATED.
- 8. CONTRACTOR SHALL NOT ACTIVATE WATER SERVICE UNTIL THE FDEP HAS CLEARED THE SYSTEM FOR USE AND THE CLEARANCE LETTER HAS BEEN RECEIVED BY THE OWNER.

F.D.E.P. CONSTRUCTION NOTES:

<u>UTILITY SEPARATION - VERTICAL CLEARANCE:</u>

- I. NEW OR RELOCATED, UNDERGROUND WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY —OR VACUUM— TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OTHER PIPELINE OR AT LEAST 12" BELOW THE OTHER PIPELINE; AND NEW OR RELOCATED, UNDERGROUND WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL CROSS ANY EXISTING OR PROPOSED PRESSURE—TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OTHER
- 2. AT THE UTILITY CROSSINGS DESCRIBED ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW
 THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE <u>OR</u> THE PIPES SHALL BE ARRANGED SO
 THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM—TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE
 MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62—610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER

UTILITY SEPARATION HORIZONTAL SEPARATION:

- . NEW OR RELOCATED, UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER, STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III CHAPTER 62-610, F.A.C.; A HORIZONTAL DISTANCE OF AT LEAST SIX FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY-TYPE SANITARY SEWER (OR A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY—TYPE SANITARY SEWER IF THE BOTTOM OF THE WATER MAIN WILL BE LAID AT LEAST (6") SIX INCHES ABOVE THE TOP OF THE SEWER): A
 HORIZONTAL DISTANCE OF AT LEAST SIX FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED
 PRESSURE—TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER
 62—610, F.A.C.; AND A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM."
- THE CONTRACTOR SHALL PERFORM HYDROSTATIC TESTING OF ALL NEWLY-INSTALLED WATER DISTRIBUTION SYSTEM IN ACCORDANCE WITH THE ORLANDO UTILITIES COMMISSION & IN ACCORDANCE WITH AWWA STANDARD C600 FOR DUCTILE-IRON PIPE. TESTING SHALL BE IN ACCORDANCE
- THE CONTRACTOR SHALL DISINFECT ALL SECTIONS OF THE WATER DISTRIBUTION SYSTEM IN ACCORDANCE WITH THE F.D.E.P. WATER PERMIT, & RECEIVE APPROVAL THEREOF FROM THE LOCAL WATER UTILITY, ENGINEER OF RECORD, & F.D.E.P., PRIOR TO PLACING IN SERVICE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF THE F.D.E.P. WATER & SEWER PERMITS FROM THE PERMITS FROM THE OWNER & MAINTAIN THEM ON THE JOB SITE AT ALL TIMES. DISINFECTION OF THE WATER DISTRIBUTION SYSTEM SHALL SYSTEM SHALL BE PERFORMED IN ACCORDANCE WITH AWWA 651 "DISINFECTING WATER MAINS". SHALL BE PERFORMED IN ACCORDANCE WITH AWWA 651 "DISINFECTING WATER MAINS".

CONSTRUCTION NOTES:

- THE <u>PERMITTEE</u> SHALL BE SEPARATELY RESPONSIBLE FOR APPROPRIATE CONSTRUCTION, DISINFECTION & TESTING BEYOND THE METER TO ASSURE POTABILITY AT THE POINT OF USE.
- 2. POTABLE WATER PIPES WILL BE DISINFECTED IN ACCORDANCE WITH AWWA SPECIFICATIONS C651.
- 3. POTABLE PIPES WILL BE HYDROSTATICLY TESTED IN ACCORDANCE WITH SPECIFICATION NUMBERS C600 & C605/M23 FOR DUCTILE IRON & PVC PIPES,
- A. POTABLE WATER PIPES MUST BE MANUFACTURED IN ACCORDANCE WITH THE FOLLOWING AWWA SPECIFICATIONS:
- B. DUCTILE IRON PIPE (3" TO 64") AWWA C150/AWWA C151; LINING PER AWWA C104, COATING PER AWWA C116, ENCASEMENT PER AWWA C105, FLANGED PIPE PER AWWA C115, GASKET JOINTS PER AWWA C111 AND FITTINGS PER AWWA C110 OR AWWA C153.
- C. PVC (WITH NATIONAL SANITATION FOUNDATION SEAL) 1. AWWA C900/ASTM 1784 (4" TO 12") WITH DR25 MINIMUM; 2. AWWA C905 (14" TO 48")
- 3. PRESSURE RATED PIPE (SDR SERIES) SHALL BE ASTM D2241, SCHEDULE 40, 80, & 120 PVC PIPES PER ASTM D1785. THE COMPOUNDS USED FOR EITHER OF THESE TYPES SHALL BE PER ASTM D1784.
- D. POLYETHYLENE PIPE (1/2" 3") AWWA C901 WITH VALVES & FITTINGS (AWWA C800);
- E. POLYETHYLENE PIPE (4" 63") AWWA C906.
- F. FIRE HYDRANTS & VALVES PER AWWA SERIES C500 THROUGH C560
- G. METERS PER AWWA SERIES C700 THROUGH C710
- E. NON-AWWA PVC PIPES (ALLOWED ONLY FOR SIZES LESS THAN 4 INCHES) MUST HAVE A MINIMUM PRESSURE CLASS OF 200 PSI AND MUST BEAR THE NSF MARK ON EACH INSTALLED LENGTH.

CONNECTION TO EXISTING WATER MAINS:

- . IF CONNECTION OF THE PROPOSED ACTIVITY TO THE WATER MAIN WILL RESULT IN DEPRESSURIZATION OF THE EXISTING SYSTEM BELOW 20 POUNDS PER SQUARE INCH, ONE OF THE FOLLOWING MUST OCCUR:
- A. PRECAUTIONARY BOIL WATER NOTICES MUST BE ISSUED IN CASES OF PLANNED DISTRIBUTION INTERRUPTIONS, WHICH DEEMED AN IMMINENT PUBLIC HEALTH THREAT BY THE D.E.P. CENTRAL DISTRICT OR WILL AFFECT BACTERIOLOGICAL QUALITY OF THE DRINKING WATER UNLESS THE PUBLIC WATER SYSTEM CAN DEMONSTRATE, BY SOUND ENGINEERING JUDGMENT, THAT THE INTEGRITY OF THE WATER
- QUALITY ARE EXPECTED TO OCCUR & NOT DEEMED AN IMMINENT PUBLIC HEALTH RISK. B. IN CASES OF BRIEF INTERRUPTION IN SERVICE, ADVISORIES (NOT BOIL WATER NOTICES) SHOULD BE ISSUED IF TEMPORARY CHANGES IN WATER QUALITY ARE EXPECTED TO OCCUR & NOT DEEMED AN IMMINENT PUBLIC HEALTH RISK.

FILLING OF WATERMAINS:

I. FILLING OF PROPOSED WATER MAINS FROM EXISTING WATER MAINS WILL BE DONE IN ACCORDANCE WITH AWWA SPECIFICATIONS C651.

- FDOT NOTE: 1. ALL THE WORK TO BE PERFORMED IN ACCORDANCE WITH FY-2023-24 STANDARDS PLANS, 2023 BRIDGE SPECIFICATION FOR ROAD BRIDGE CONSTRUCTION AND 2017 UTILITY ACCOMMODATION MANUAL.
- 2. ALL WORK PERFORMED WITHIN THE FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LATEST EDITIONS OF THE FDOT DESIGN STANDARDS, SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE 2017 UTILITY ACCOMMODATIONS MANUAL
- 3. PERMITTEE SHALL CONTACT ORLANDO OPERATIONS AT (321) 319-8100 TO PROVIDE START NOTICE AT LEAST TWO BUSINESS DAYS PRIOR TO STARTING WORK.
- PLEASE INITIATE WORK IN THE OSP BEFORE BEGINNING WORK.
- 5. ALL AFFECTED SIDEWALKS, RAMPS & CROSSWALKS, WILL BE BUILT AND INSPECTED TO MEET CURRENT ADA REQUIREMENTS.
- 6. ENGINEER OF RECORD IS FULLY RESPONSIBLE TO UPDATE/ADD/REMOVE ANY SIGNS AND PAVEMENT MARKINGS THAT NEED TO BE UPDATED/ADDED/REMOVED IN THE FIELD WITH THE PROPOSED CHANGES EVEN IF THE FDOT COMMENTS BELOW ARE NOT COMPREHENSIVE AND DO NOT COVER EVERY ONE OF THE CHANGES REQUIRED.
- CONTRACTOR TO COORDINATE WORK WITHIN FDOT R/W WITH MICHAEL COLON (321-354-7063 AND MICHAEL.COLONRODRIGUEZ@OCFL.NET) AT ORANGE COUNTY REGARDING EXISTING FIBER NETWORK AND TO USE CAUTION WORKING IN THIS AREA AS SHOWN ON SHEET C-19.

MATERIAL SPECIFICATIONS:

PAVING, GRADING, & DRAINAGE:

- 1. PAVING MATERIALS SHALL CONFORM WITH 2023 F.D.O.T. ROAD AND BRIDGE CONSTRUCTION STANDARD PLANS. LATEST EDITION.
- 2. STORM DRAINS SHALL BE REINFORCED CONCRETE PIPE, PER ASTM C-76 CLASS III, UNLESS OTHERWISE SPECIFIED. LIFTING HOLES ARE
- 3. ALL STORM STRUCTURES SHALL CONFORM WITH 2018 F.D.O.T. ROAD AND BRIDGE CONSTRUCTION STANDARD PLANS EXCEPT THAT DITCH BOTTOM INLETS IN PAVED AREAS SHALL HAVE TRAVERSABLE, TRAFFIC BEARING, GRATES SUPPORTED BY STEEL ANGLE SEATS OR SUPPORTED ON FOUR SIDES. GRATES SHALL BE CAST IRON UNLESS BICYCLE TRAFFIC IS ANTICIPATED.
- 4. ALL TYPE "P" STRUCTURE BOTTOMS SHALL BE ROUND UNLESS OTHERWISE SPECIFIED & SHALL HAVE 4 FEET MINIMUM DIAMETER.

WATER MATERIAL:

GENERAL MATERIAL SPECIFICATIONS

MATERIAL USED IN THE CONSTRUCTION OF THE WATER DISTRIBUTION SYSTEM SHALL ADHERE TO THE REQUIREMENTS OUTLINED IN THE OUC WATER DISTRIBUTION'S SPECIFICATION STANDARDS MANUAL. THE FOLLOWING INFORMATION IS TO PROVIDE GENERAL GUIDANCE IN THE PREPARATION OF CONSTRUCTION PLANS AND SPECIFICATIONS, AND IN NO WAY LIMITS OUC'S RIGHTS TO APPROVE OR DISAPPROVE PLANS, SPECIFICATIONS OF INSTALLATIONS. MOST CENTRAL FLORIDA UTILITY SUPPLY COMPANIES HAVE A COPY OF OUC'S SPECIFICATION STANDARDS MANUAL.

- 1. THE TYPICAL O.U.C. DISTRIBUTION SYSTEM PIPE SIZES AND MATERIAL USED ARE:
 - * TWO INCH (2") WATER MAINS SHALL BE ASTM 2241 CLASS 200 SDR21 POLYVINYL CHLORIDE (PVC) PIPE. * FOUR INCH (4") WATER MAINS SHALL BE EITHER PRESSURE CLASS 350 DUCTILE IRON (D.I.) IN ACCORDANCE WITH ANSI/AWWA
- CI50/A21.50-96 AND ANSI/AWWA C151/A21.51-86 OR, AS CONDITIONS WARRANT, C900 SDR18 CLASS 150 PVC PIPE.
- ANSI/AWWA C150/A21.50-96 AND ANSI/AWWA C151/A21.51-86. ° THIRTY INCH (30") AND LARGER WATER MAINS SHALL BE PRESSURE CLASS 250 D.I. PIPE IN ACCORDANCE WITH ANSI/AWWA C150/A21.50-96

* SIX INCH (6") THROUGH TWENTY FOUR INCH (24") WATER MAINS SHALL BE PRESSURE CLASS 350 D.I. PIPE IN ACCORDANCE WITH

- AND ANSI/AWWA C151/A21.51-86.
- 1. THE USE OF 2" AND/OR 4" PVC PIPE MUST BE APPROVED BY O.U.C. WATER ENGINEERING. 2. PVC PIPE MUST BE BLUE IN COLOR OR HAVING CONTINUOUS BLUE MARKINGS TO CONFORM TO AWWA COLORS WITH NSF LOGO FOR
- 3. DUCTILE IRON PIPE WILL BE STRIPED WITH BLUE LATEX ACRYLIC PAINT. STRIPES WILL BE A MINIMUM OF 2" WIDE. PIPES LESS THAN 24" WILL HAVE 1 STRIPE ON TOP. PIPES 24" AND LARGER WILL HAVE AN ADDITIONAL STRIPE ON EACH SIDE. 2. ALL PIPE FITTINGS 4"UP TO 30"SHALL BE CEMENT OR EPOXY LINED (CLASS 350)AWWA CI53 "COMPACT"DUCTILE IRON, WITH MECHANICAL
- JOINT ENDS. ALL PIPE FITTINGS 30" OR LARGER SHALL BE CEMENT LINED (CLASS 250) DUCTILE IRON, WITH MECHANICAL JOINT ENDS.
- 3. A SERVICE MATERIAL FOR AND 1" SHALL INCLUDE SOFT ANNEALED TYPE-K COPPER TUBING.
- B SERVICE MATERIAL FOR 2" SHORT SIDE SERVICES SHALL INCLUDE 2" CTS TYPE-K HARD COPPER PIPE. C SERVICE MATERIAL FOR 2" LONG SIDE SERVICES SHALL INCLUDE 2" RESTRAINED JOINT (SDR 17/CLASS 250) PVC PIPE (IPS-0.D.).
- 4. SERVICE MATERIAL (CORP. STOPS, CURB STOPS, ETC.) FOR 1", AND 2" SERVICES SHALL BE BRASS COMPRESSION FITTINGS IN ACCORDANCE W/AWWA C800. FLARED FITTINGS ARE ACCEPTABLE UNDER CONTROLLED CONDITIONS. AN AWWA (CC) THREADING IS REQUIRED ON ALL 1" CORPORATION STOPS USED WITH DIRECT PIPE TAPPING ON DUCTILE IRON PIPE OR WITH SERVICE CLAMPS ON PVC PIPE. INSTALLATION OF 2' SERVICES REQUIRE SERVICE CLAMPS AND TO ACCOMMODATE 1 1/2" OR 2" METERS, 2" BALL ANGLE METER VALVES (CTS X FLANGE) WITH SLOTTED HOLES ON THE FLANGE FACE ARE REQUIRED. PADLOCK WINGS MUST BE INCLUDED ON EACH CURB STOP OR BALL METER VALVE.
- 5. FIRE HYDRANTS SHALL BE TRAFFIC DRY BARREL TYPE AND MEET OUC SPECIFICATIONS. MANUFACTURERS ACCEPTED MUELLER A-423 (CENTURION), KENNEDY K-81A, U.S. PIPE & FOUNDRY COMPANY (METROPOLITAN), AMERICAN-DARLING B84B, M & H VALVE COMPANY #929.
- 6. ALL VALVES 4" THROUGH 12" SHALL BE RESILIENT SEAT/WEDGE GATE VALVES WITH EPOXY COATING INTERNALLY/EXTERNALLY AND CONFORM TO ANSI/AWWA STANDARD C509-94 OR LATEST REVISION. ALL VALVES 16" AND LARGER SHALL BE BUTTERFLY, HAVE EPOXY COATING AND CONFORM TO ANSI/AWWA C504-94 OR LATEST REVISION.
- 7. ALL VALVE BOXES SHALL BE CAST IRON SLIDING TYPE. SCREW TYPE ARE NOT APPROVED.

OUC SPECIFICATIONS OFTEN ADD TO THE MANUFACTURER'S SPECIFICATIONS. IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT: OUC WATER DISTRIBUTION STANDARDS AND SPECIFICATIONS (407) 244-8786 OR VISIT OUR WEB SITE AT: http://www.ouc.com/vendor

SEWER MATERIAL:

- 1. PVC GRAVITY SEWER PIPE
- a. PVC GRAVITY SEWER PIPE (4"-15"), ASTM D3034, SDR26. UNIFORM MINIMUM "PIPE STIFFNESS" AT FIVE (5) PERCENT DEFLECTION SHALL BE 46 PSL. THE JOINTS MANUFACTURED IN ACCORDANCE WITH ASTM D3212 AND ASTM F477. APPLICABLE UNI-BELL PLASTIC PIPE ASSOCIATION STANDARD IS UNI-B-4.
- b. PVC GRAVITY SEWER PIPE (18"-27"), ASTM F679, SDR26. UNIFORM MINIMUM "PIPE STIFFNESS" AT FIVE (5) PERCENT DEFLECTION SHALL BE 46 PSI. THE JOINTS SHALL BE INTEGRAL BELL ELASTOMERIC GASKET JOINTS MANUFACTURED IN ACCORDANCE WITH ASTM D3212 AND ASTM F477. APPLICABLE UNI-BELL PLASTIC PIPE ASSOCIATION STANDARD IS UNI-B-7.
- c. ALL PVC PIPE SHALL BEAR THE NSF-DW SEAL. THE MINIMUM STANDARD LENGTH OF PIPE SHALL BE THIRTEEN (13) FEET.
- . ALL PIPE SHALL HAVE A HOMING MARK ON THE SPIGOT PROVIDED BY THE MANUFACTURER. ON FIELD CUT PIPE, CONTRACTOR SHALL PROVIDE HOMING MARK ON THE SPIGOT IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. REINFORCED CONCRETE PIPE SHALL HAVE MARKINGS INDICATING THE MINOR AXIS OF THE ELLIPTICAL REINFORCEMENT.

3. JOINTS MATERIALS

- a. PVC SEWER PIPE JOINTS SHALL BE FLEXIBLE ELASTOMERIC SEALS PER ASTM D 3212.
- b. JOINTS BETWEEN PIPES OF DIFFERENT MATERIALS SHALL BE MADE WITH A FLEXIBLE MECHANICAL COMPRESSION COUPLING WITH NO. 304 STAINLESS STEEL BANDS. REFER TO COUNTY MANUAL FOR APPROVED MANUFACTURERS' LIST

4. FITTINGS

- a. UNLESS OTHERWISE SPECIFIED, WYE BRANCHES SHALL BE PROVIDED IN THE GRAVITY SEWER MAIN FOR SERVICE LATERAL CONNECTIONS. WYES SHALL BE SIX (6) INCHES INSIDE DIAMETER, UNLESS OTHERWISE APPROVED BY THE COUNTY. ALL FITTINGS SHALL BE OF THE SAME MATERIAL AS THE PIPE.
- b. PLUGS FOR STUB OUTS SHALL BE OF THE SAME MATERIAL AS THE PIPE, AND GASKETED WITH THE SAME GASKET MATERIAL AS THE PIPE JOINT, OR BE OF MATERIAL APPROVED BY THE COUNTY. THE PLUG SHALL BE SECURED TO WITHSTAND TEST PRESSURES SPECIFIED IN SECTION 44 OF THE ORANGE COUNTY MANUAL OF STANDARDS AND SPECIFICATIONS FOR WASTEWATER CONSTRUCTION.

PRE-CONSTRUCTION HOLD COMMENTS

- CONTRACTOR WILL BE REQUIRED TO ATTEND A PRE-CONSTRUCTION MEETING WITH THE CITY OF BELLE ISLE REPRESENTATIVES PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE REQUIRED TO PRESENT THE FOLLOWING:
- A MILESTONE SCHEDULE,
- SITE LOGISTICS PLAN INCLUDING, BUT NOT LIMITED TO,
- SITE TRAILER LOCATION (INCLUDING SEWERAGE HOLDING TANK), • TEMPORARY SANITARY ("PORT-0'-POTTY") LOCATIONS,
- TIRE WASH-OFF STATION(S).
- MOT PLAN. • CONCRETE TRUCK WASH DOWN AREA AND METHOD OF DISPOSAL,
- HAZARDOUS MATERIAL STORAGE AREA(S),
- CONSTRUCTION MATERIAL STAGING AREA(S)
- THE PROJECT'S SWPPP AND THE FDEP LETTER ACKNOWLEDGING THEIR ACCEPTANCE OF THE CONTRACTOR'S NOI AND STATING THAT THE PROJECT IS COVERED UNDER THE STATE'S CONSTRUCTION GENERAL PERMIT (CGP)
- ENVIRONMENTAL RESOURCE PERMIT (ERP) OR EXEMPTION LETTER FROM WATER MANAGEMENT DISTRICT DEWATERING PERMIT, IF APPLICABLE, FROM WATER MANAGEMENT DISTRICT

CONTACT NAMES AND PHONE NUMBERS OF SUPERVISORS AND PROJECT MANAGERS FOR BOTH THE GC AND THE MAJOR SUB-CONSULTANT TRADES.....

FLORIDA ENGINEERING GROUP, IN 22-010 CERTIFICATE No. EB-0006595 LEGEND NOTES AND SPECIFICATIONS No 45128 N.T.S. JUNE 23, 2023 STATE OF CORID. APPROVED BY DESIGNED BY DRAWN BY CHECKED BY

•

ELECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERE SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC

HIS ITEM HAS BEFN

08/14/2023 /3\ REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023 VP/MS JAA VP/MS JAA 08/15/2023 4 REVISED PER SJRWMD COMMENTS DATED 07/24/2023 VP/MSI JAA 08/16/2023 $\sqrt{5}$ REVISED PER OCU COMMENTS DATED 07/27/2023 08/17/2023 √6\ REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023 VP/MS JAA 08/17/2023 $\sqrt{2}$ REVISED PER FDOT COMMENTS DATED 07/11/2023 VP/MS| JAA MP/MS JAA 10/09/2023 /8\ REVISED PER CITY COMMENTS DATED 10/04/2023 DATE REVISIONS BY ICHECKED

CORNERSTONE CHARTER ACADEMY CONSTRUCTION PLANS CITY OF BELLE ISLE, FLORIDA



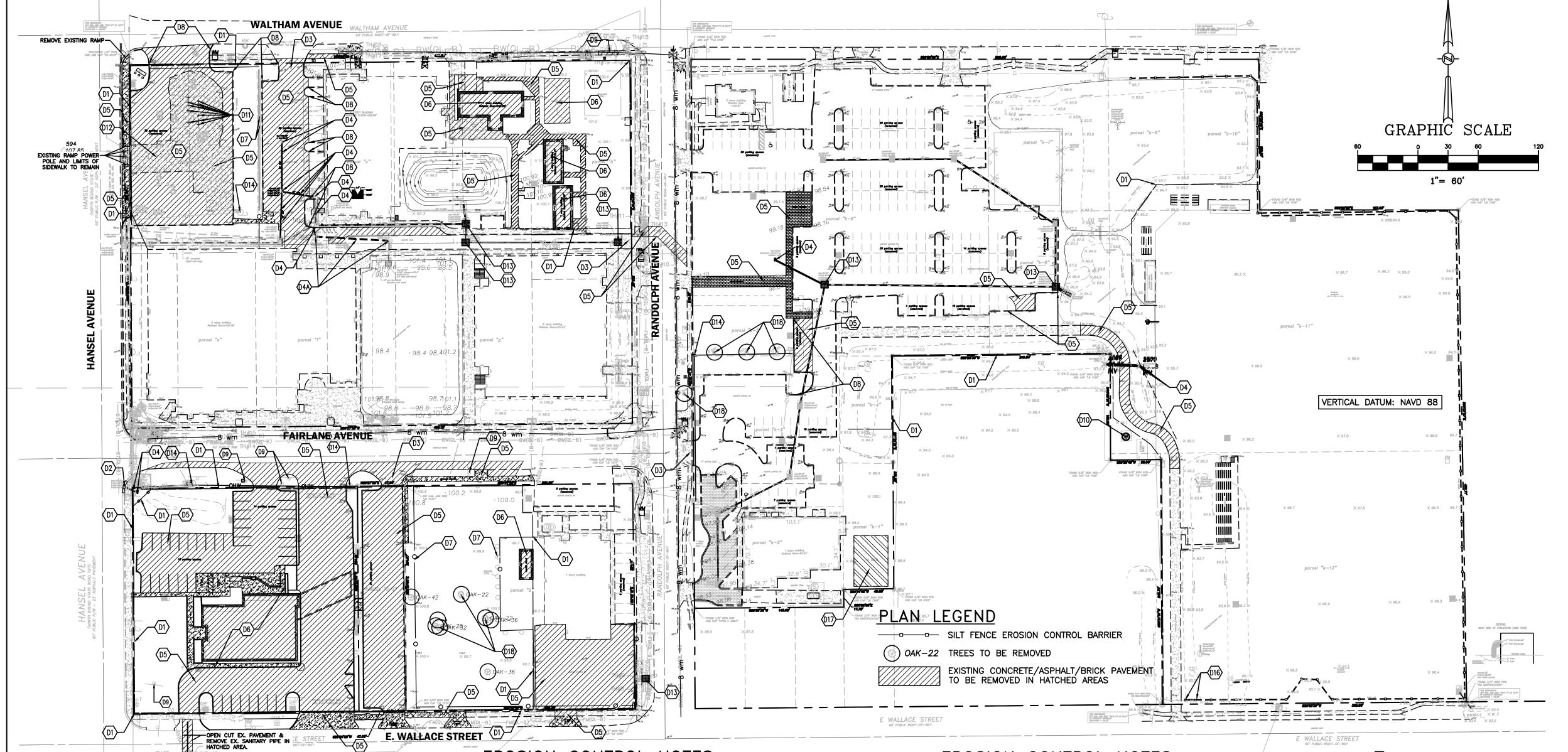
Phone: 407-895-0324 Fax: 407-895-0325 www.feg-inc.us

Orlando, FL 32809

5127 S. Orange Avenue, Suite 200

JAA JAA

22-010_GeneralNotes.dwg



EROSION CONTROL SITE DESCRIPTION NOTES:

- 1. THE PROPOSED CONSTRUCTION ACTIVITY WILL ENTAIL THE IMPROVEMENT OF A 14.84± ACRES SITE LOCATED AT 5903 RANDOLPH AVE., BELLE ISLE, FLORIDA TO BUILD NEW SCHOOL BUILDINGS AND THEIR ASSOCIATED PARKING, DRIVE AISLE AND UTILITIES.
- 2. THE SEQUENCE OF SOILS DISTURBANCE ACTIVITY IS AS FOLLOWS:
- A. INSTALL SILT FENCE AS SHOWN ON THE PLANS & PROVIDE TREE PROTECTION ON SITE, IF APPLICABLE.
- B. CLEAR & GRUB THE AREA TO BE DISTURBED.
- C. PLACE FILL ON-SITE TO BRING THE SITE UP TO THE PROPOSED GRADES.
- D. BEGIN COMPACTION / STABILIZATION PROCESS.
- 3. THE TOTAL SITE AREA IS 14.84± ACRES & THE AREA TO BE DISTURBED IS 6.1± ACRES.
- 4. THE EXISTING SOILS ARE PREDOMINANTLY SAND WITH SILT (SP-SM). THE QUALITY OF THE STORMWATER DISCHARGE IS CONSISTENT W/ THE RUNOFF GENERATED BY A COMMERCIAL SITE.
- 5. THE TOTAL DRAINAGE AREA FOR THE PROJECT IS APPROXIMATELY 14.84± ACRES AND INCLUDES THE AREAS OF THE FUTURE PARKING & NEW BUILDINGS.
- 6. THE LATITUDE & LONGITUDE FOR THE DISCHARGE POINTS IS LAT: 28° 47' 25" LONG: 81° 36' 77". THE RECEIVING WATER BODY IS THE PROPOSED STORMWATER PONDS, DESIGNED TO RECEIVE WATER RUNOFF FROM THE PROJECT SITE.
- 7. WASTE DISPOSAL SHALL BE IMPLEMENTED IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. ALL TRUCKS EXITING THE SITE WILL BE HOSED, ITS LOAD COVERED and THE COVER PROPERLY SECURED. THE STORAGE, APPLICATION, GENERATION & MIGRATION OF ALL FERTILIZERS, HERBICIDES, PESTICIDES & TOXIC MATERIAL SHALL BE IN ACCORDANCE W/ LOCAL, STATE & FEDERAL REGULATIONS.
- 8. CONTRACTOR SHALL IDENTIFY THE INDIVIDUAL(S) RESPONSIBLE FOR THE DAILY & REQUIRED INSPECTIONS. A REPORTING SYSTEM ENTAILING THE ITEMS TO BÉ INSPECTED & THEIR CONDITION SHOULD BE DOCUMENTED & PLACED IN A DEDICATED FILING SYSTEM THAT WILL REMAIN ON THE PROJECT SITE, ACCESSIBLE TO THE CONSTRUCTION TEAM & TO THE F.D.E.P. INSPECTORS. 9. INSPECTIONS: CONSTRUCTION SITE WILL BE INSPECTED FOR EROSION PROBLEMS DAILY AND AFTER AFTER EACH RAINFALL GREATER THAN 0.5 INCH. A RAIN GAUGE WILL BE ON SITE TO MEASURE THE RAINFALL AMOUNT.

EROSION CONTROL NOTES:

08/14/2023

08/15/2023

08/16/2023

08/17/2023

08/17/2023

10/09/2023

DATE

1. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, & LOCAL CODES, ORDINANCES, & REGULATIONS GOVERNING POLLUTION OF THE ENVIRONMENT & SHALL IMPLEMENT ALL MEASURES NEEDED TO ENSURE ADEQUATE EROSION & SEDIMENT CONTROL DURING THE ENTIRE DURATION OF CONSTRUCTION. EROSION & SEDIMENT CONTROL MEASURES SHALL CONFORM TO CITY OF ORLANDO, SOUTH FLORIDA WATER MANAGEMENT DISTRICT, FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, & FLORIDA DEPARTMENT OF TRANSPORTATION REQUIREMENTS. INSTALLATION OF SILT FENCES & TURBIDITY BARRIERS SHALL BE IN ACCORDANCE WITH F.D.O.T. ROADWAY & TRAFFIC DESIGN STANDARDS & STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, LATEST EDITION.

REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023

REVISIONS

REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023 VP/MS JAA

REVISED PER SJRWMD COMMENTS DATED 07/24/2023

REVISED PER OCU COMMENTS DATED 07/27/2023

REVISED PER FDOT COMMENTS DATED 07/11/2023

REVISED PER CITY COMMENTS DATED 10/04/2023

EROSION CONTROL NOTES:

- EROSION & SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION. EROSION & SEDIMENT CONTROL MEASURES ARE TO BE APPLIED AS A PERIMETER DEFENSE AGAINST THE TRANSPORTATION OF SILT & SEDIMENTS OFF THE PROJECT SITE OR INTO ADJACENT WATER BODIES OR WETLANDS.
- 3. THE CONTRACTOR SHALL PREPARE & IMPLEMENT AN EROSION CONTROL PLAN AS PART OF THE SCOPE OF WORK COVERED BY THESE PLANS. THE CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES IN CONTROLLING EROSION & SEDIMENT TRANSPORT DURING CONSTRUCTION. THE FLORIDA DEVELOPMENT MANUAL "A GUIDE TO SOUND LAND & WATER MANAGEMENT" MAY BE USED AS REFERENCE FOR RECOMMENDED BEST MANAGEMENT PRACTICES RELATED TO EROSION & SEDIMENT CONTROL. SEDIMENTATION CONTROLS/BEST MANAGEMENT PRACTICES SHALL PREVENT STORM WATER RUNOFF WITH TURBIDITY CREATER THAN 29 NTU FROM LEAVING THE CONSTRUCTION SITE. DEWATERING SHALL BE DONE IN ACCORDANCE WITH FDEP.
- 4. THE CONTRACTOR SHALL SUBMIT THE EROSION CONTROL PLAN TO THE OWNER FOR APPROVAL PRIOR TO THE PRE-CONSTRUCTION MEETING.
- 5. ALL EROSION & SEDIMENT CONTROL MEASURES WHICH ARE NECESSARY TO LIMIT THE TRANSPORT OF SILTS & SEDIMENTS TO OUTSIDE THE LIMITS OF THE WORK AREA OR TO WATER BODIES OR WETLANDS ARE THE RESPONSIBILITY OF THE CONTRACTOR, THE CONTRACTOR SHALL PROVIDE BEST MANAGEMENT PRACTICES & IMPLEMENT STRUCTURAL MEASURES AS NEEDED TO PREVENT EROSION & SEDIMENT TRANSPORT FROM THE WORK AREAS. THE FOLLOWING ARE MINIMUM RECOMMENDED GUIDELINES TO BE IMPLEMENTED DURING CONSTRUCTION AS PART OF THE EROSION & SEDIMENT CONTROL PLAN:

A. STOCKPILING OF MATERIAL

NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE OR INTO ANY ADJACENT WATER BODY OR STORMWATER COLLECTION FACILITY.

B. EXPOSED AREA LIMITATION & PROTECTION

THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING & GRUBBING OPERATIONS OR EXCAVATION & FILLING OPERATIONS SHALL BE LIMITED AS NEEDED TO MINIMIZE THE POTENTIAL OF OFF-SITE SEDIMENT TRANSPORT. ALL EXPOSED AREAS SHALL BE PROTECTED BY INSTALLING EFFECTIVE EROSION & SEDIMENT CONTROL MEASURES SUCH AS SILT SCREENS, SYNTHETIC BALES, TURBIDITY BARRIERS, SWALES, OR A COMBINATION OF THESE & OTHER MEASURES AS WARRANTED.

C. INLET PROTECTION

VP/MS| JAA

VP/MS JAA

MP/MSI JAA

VP/MS JAA

VP/MS JAA

BY ICHECKED

INLETS & CATCH BASINS SHALL BE PROTECTED DURING CONSTRUCTION FROM SEDIMENT LADEN STORMWATER RUNOFF BY PROVIDING A COMBINATION OF SILT SCREENS, SYNTHETIC BALES, FILTER FABRIC COVERS OR OTHER MEASURES AS NECESSARY TO CONTROL THE TRANSPORT OF SEDIMENT.

D. TEMPORARY GRASSING

AREAS OPENED BY CONSTRUCTION OPERATIONS THAT ARE NOT ANTICIPATED TO BE DRESSED OR RECEIVE FINAL GRASSING TREATMENT SHALL BE SEEDED WITHIN 7 DAYS PER FDEP WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED. TEMPORARY SEEDING SHALL BE CONTROLLED AS TO NOT ALTER OR COMPETE WITH PERMANENT GRASSING. SLOPES STEEPER THAN 6:1 SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES OF LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA TO A DEPTH OF 4 INCHES. THE SEEDED OR SEEDED & MULCHED AREAS SHALL BE rolled & watered as needed to ensure optimum growing conditions for the establishment OF A GOOD GRASS COVER. IF AFTER 14 DAYS, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75% OF GOOD GRASS COVER, THE AREAS WILL BE REWORKED & ADDITIONAL SEED JAAAPPLIED TO ESTABLISH THE DESIRED VEGETATION COVER. REWORKED & ADDITIONAL SEED APPLIED.

EROSION CONTROL NOTES:

- 1. EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED DURING THE ENTIRE DURATION OF CONSTRUCTION. THE CONTRACTOR SHALL INSPECT THE EROSION & CONTROL MEASURES ON A DAILY BASIS & 24 HOURS FOLLOWING RAINFALL EVENTS (0.5" OR GREATER) & IMMEDIATELY REPAIR ANY OBSERVED DAMAGED CONTROLS. ALL EROSION & SEDIMENT CONTROLS SHALL BE MAINTAINED AS TO FUNCTION PROPERLY WITHOUT THE TRANSPORT OF SEDIMENTS OUTSIDE THE LIMITS OF THE PROJECT.
- APPROXIMATE SLOPES AFTER MAJOR GRADING VARIES BETWEEN 0.5% TO 4%. MAXIMUM SLOPES ARE FOUND IN THE POND & THEY RANGE BETWEEN 25% TO 50%.
- AREAS OF SOILS DISTURBANCE IS LIMITED TO THE AREA WITHIN THE SILT FENCE LIMITS AS SHOWN ON THIS PLAN.
- 4. ALL DISTURBED PERVIOUS AREAS WILL BE SODDED, UNLESS OTHERWISE NOTED.
- THERE ARE NO WETLAND WITHIN THE PROJECT SITE.
- THE CONTRACTOR SHALL ACQUIRE A CONSTRUCTION GENERIC PERMIT (CGP) AND NOTICE OF INTENT (NOI) PRIOR TO BEGINNING WORK.

INSPECTION NOTE

INSPECTIONS BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF EROSION/SEDIMENT CONTROL EFFORTS SHALL BE CONDUCTED DAILY AND WITHIN 24 HOURS AFTER EACH 0.50 INCH OR GREATER RAINFALL EVENT. ANY NECESSARY REMEDIES SHALL BE PERFORMED IMMEDIATELY.

DUST CONTROL & PREVENTION:

- THE SURFACE AREA OF OPEN, RAW ERODIBLE SOILS EXPOSED BY CLEARING & GRUBBING OPERATIONS OR EXCAVATION & FILLING OPERATIONS SHALL BE LIMITED AS NEEDED TO MINIMIZE THE POTENTIAL OF DUST PRODUCTION. IN ADDITION,
- 1. ALL EXPOSED AREAS SHALL BE PROTECTED BY INSTALLING DUST CONTROL CONTROL MEASURES SUCH AS STABLIZING EXPOSED SOILS USING VEGETATION, MULCHING, SPRAY-ON ADHESIVES, CALCIUM CHLORIDE, WET SUPPRESSION (WATERING) AND STONE/GRAVEL LAYERING AS APPLICABLE FOR THE PROJECT AND DEEMED NECESSARY BY THE CONTRACTOR TO CONTROL DUST.
- 2. ONSITE VEHICLE TRAFFIC SHOULD BE LIMITED TO A MAXIMUM 15 MPH SPEED, AND THE NUMBER AND ACTIVITY OF VEHICLES SHOULD BE CONTROLLED AT ANY GIVEN TIME.
- 3. A MOBILE UNIT SHOULD BE AVAILABLE TO APPLY WATER TO CONTROL DUST WHEN NEEDED.
- 4. COVERS SHALL BE PROVIDED FOR ALL HAUL TRUCKS TRANSPORTING MATERIALS THAT CONTRIBUTE

www.feg-inc.us

5. IF CHEMICAL STABILIZATION METHOD IS USED, THE CHEMICALS SHOULD BE APPROVED FOR USE BY THE APPROPRIATE REGULATORY AGENCIES AND SHALL NOT CREATE ANY ADVERSE IMPACTS TO STORMWATER, PLANT LIFE, WATER BODIES, GROUNDWATER, OR FISH AND WILDLIFE.

DEMOLITION KEYNOTES

CONTROL BARRIER PER DETAIL ON THIS SHEET.

D1. F.D.O.T. TYPE "III" SILT FENCE EROSION

- D2. SYNTHETIC EROSION CONTROL BARRIER.
- D3. CONSTRUCTION ENTRANCE (EXISTING DRIVEWAY).
- D4. EXISTING STORM PIPE & ITS STRUCTURE TO BE REMOVED.
- D4A. EXISTING STRUCTURE TO REMAIN.
- D5. EXISTING CONCRETE/ASPHALT/BRICK PAVEMENT TO BE REMOVED IN HATCHED AREAS
- D6. EXISTING BUILDING TO BE DEMOLISHED.
- D7. EXISTING FENCE & BOLLARD POLES TO BE REMOVED.
- D8. LIMITS OF EXISTING CURB TO BE REMOVED.
- D9. EXISTING SIGN TO BE REMOVED.
- D10. EXISTING IRRIGATION WELL TO REMAIN. D11. EXISTING FUEL TANKS TO BE REMOVED. CONTRACTOR TO COORDINATE WITH ORANGE COUNTY/ FDEP FOR REMOVAL OF EXISTING FUEL TANKS. CONTRACTOR TO ACQUIRE APPROPRIATE PERMIT AS NEEDED.
- D12. EXISTING WATER LINE & GATE VALVE TO BE REMOVED.
- D13. FILTER FABRICS COVER. D14. EXISTING POWER POLE TO BE RELOCATED. 16
- CONTRACTOR TO COORDINATE WITH A POWER COMPANY FOR RELOCATION. D15. NOT USED.
- D16. LIMITS OF EXISTING WALL TO BE REMOVED AND REPLACE WITH A GATE.
- D17. EXISTING SEPTIC AND DRAIN FIELD TO BE REMOVED. PER HEALTH DEPARTMENT REQUIREMENTS.(CONTRACTOR TO VERIFY THE LOCATION.)

JAA

D18. EXISTING TREE TO BE REMOVED

SITE DEMOLITION PLAN

DEMOLITION NOTES

- 1. THE LOCATIONS, ELEVATIONS, & DIMENSIONS OF EXISTING UTILITIES & OTHER FEATURES ARE SHOWN ON THE PLANS ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PLAN PREPARATION. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, & DIMENSIONS OF ALL EXISTING UTILITIES & OTHER FEATURES AFFECTIVE TO CONSTRUCT THE TOPOLOGICAL SHALL IMMEDIATELY NOTIFY FEG OF ANY DISCREPANCIES WHICH MAY AFFECT THE PROPOSED WORK.
- 2. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE EXCAVATION.
- 3. THE CONTRACTOR SHALL, PRIOR TO INITIATION OF ANY SITE CLEARING OR OTHER CONSTRUCTION ACTIVITIES, INSTALL SILT SCREENS DOWNSTREAM OF ALL AREAS WHICH HAVE POTENTIAL OF EROSION OR SEDIMENT TRANSPORT OFFSITE OR TO WATER BODIES. THE CONTRACTOR SHALL IMPLEMENT OTHER STRUCTURAL EROSION CONTROL MEASURES IF REQUIRED TO PREVENT SEDIMENT TRANSPORT TO OFF—SITE
- 4. ALL TRASH, DEBRIS, & OTHER MATERIAL REMOVED FROM THE SITE SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH ALL LOCAL, STATE, & FEDERAL REGULATIONS.
- 5. ANY EXCAVATED TRENCHES ARE TO BE BACKFILLED WITH CLEAN SAND COMPACTED TO AT LEAST 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY VALUE (AASHTO T-180). REFER TO GEOTECHNICAL REPORT FOR SPECIFIC COMPACTION REQUIREMENTS UNDER BUILDING & OTHER STRUCTURES.
- 6. ALL EXISTING CONCRETE TO BE REMOVED SHALL BE SAWCUT & REMOVED @ THE FIRST AVAILABLE GOOD JOINT & REPLACED TO MATCH EXISTING.
- 7. THE CONTRACTOR SHALL CONTACT THE GAS UTILITY FOR LOCATION BEFORE EXCAVATION. CHAPTER 17–153 F.S. REQUIRES THAT AN EXCAVATOR NOTIFIES ALL GAS UTILITIES AT LEAST TWO DAYS PRIOR TO EXCAVATING. ALSO CALL 1–800–432–4770 FOR SUNSHINE LOCATES. F.S. 556.101 THROUGH 111.
- 8. CONTRACTOR TO PROVIDE TREE PROTECTION AS REQUIRED BY THE LOCAL JURISDICTION

SOIL TRACKING PREVENTION

- 1. A SOIL TRACKING PREVENTION DEVICE (STPD) SHALL BE CONSTRUCTED AT THE LOCATION SHOWN ON THE PLANS. TRAFFIC FROM UNSTABILIZED AREAS OF CONSTRUCTION SHALL BE DIRECTED THRU THE STPD BARRIER. FLAGGING OR OTHER POSITIVE MEANS SHALL BE USED AS REQUIRED TO LIMIT & DIRECT VEHICULAR EGRESS ACROSS THE STPD.
- 2. THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE TECHNIQUE TO MINIMIZE OFFSITE TRACKING OF SEDIMENT. THE ALTERNATIVE MUST BE REVIEWED & APPROVED BY THE ENGINEER &/OR CITY OF BELLE ISLE PRIOR TO ITS USE.
- 3. ALL MATERIALS SPILLED, DROPPED, OR TRACKED ONTO PUBLIC ROADS (INCLUDING THE STPD AGGREGATION) & CONSTRUCTION MUD) SHALL BE REMOVED DAILY, OR MORE FREQUENTLY IF SO DIRECTED BY THE ENGINEER &/OR CITY OF BELLE ISLE.
- 4. AGGREGATES SHALL BE AS DESCRIBED IN SECTION 901 EXCLUDING 901—2.3. AGGREGATES SHALL BE FDOT SIZE #1. IF THIS SIZE IS NOT AVAILABLE, THE NEXT AVAILABLE SMALLER SIZE AGGREGATE MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER. SIZES CONTAINING EXCESSIVE SMALL AGGREGATE WILL TRACK OFF THE PROJECT & ARE UNSUITABLE.
- 5. THE STPD SHALL BE MAINTAINED IN A CONDITION THAT WILL ALLOW IT TO PERFORM ITS FUNCTION. TO PREVENT OFFSITE TRACKING, THE STPD SHALL BE RINSED (DAILY WHEN IN USE) TO MOVE ACCUMULATED MUD DOWNWARD THRU THE STONE. ADDITIONAL STABILIZATION OF THE VEHICULAR ROUTE LEADING TO THE STPD MAY BE REQUIRED TO LIMIT THE MUD TRACKED.

EROSION CONTROLS FOR NON STORMWATER DISCHARGES:

A) WASTE DISPOSAL:

WASTE MATERIAL:

ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A METAL DUMPSTER WHICH WILL BE MAINTAINE BY A LICENSED SOLID WASTE MANAGEMENT COMPANY IN ORANGE COUNTY. THE DUMPSTER WILL MEET ALL LOCAL, STATE AND FEDERAL REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BI DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED AS OFTEN AS NECESSARY TO NOT CAUSE ON-SITE DISPOSAL OF WASTE. THE TRASH WILL BE HAULED TO AN APPROVED ORANGE COUNTY LANDFILL. CONSTRUCTION WASTE WILL BE BURIED ONSITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE SUPERINTENDENT CONSTRUCTION TRAILER. THE INDIVIDUAL RESPONSIBLE FOR MANAGING THIS TASK WILL BE IDENTIFIED BY THE CONTRACTOR.

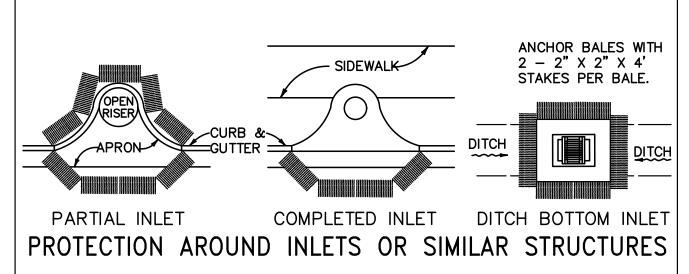
HAZARDOUS WASTE ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN ACCORDANCE WITH THE APPLICABLE LOCAL STATE & FEDERAL REGULATIONS. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT THE SUPERINTENDENT CONSTRUCTION TRAILER. THE INDIVIDUAL RESPONSIBLE FOR MANAGING THIS TASK

SANITARY WASTE: ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF THREE TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY LOCAL REGULATION.

B) OFFSITE VEHICLE TRACKING:

WILL BE IDENTIFIED BY THE CONTRACTOR.

A GRAVEL CONSTRUCTION ENTRANCE HAS BEEN PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.



SYNTHETIC EROSION CONTROL BARRIERS
NOT TO SCALE EROSION-CONTROL-SYNTHETIC-DET-ERO.dwg -OPTIONAL POST POSITIONS -PRINCIPLE POST 6' MAXIMUM POSITION (CANTED 20° TOWARD FLOW) SILT_FLOW -FILTER FABRIC CONFORMANCE WITH -POST (OPTIONS: 2"X4" OR SEC. 985 FDOT SPEC.) 2 1/2" MIN. DIA. WOOD: STEEL

1.33 LBS./FT. MIN.) TYPE III SILT FENCE

10 of

EROSION-CONTROL-SILT-DET-ERO-5.dwg

LORIDA'ENGINEERING GROUP, 22-010 CERTIFICATE No. EB-0006595 No 45128 1" = 60' JUNE 23, 2023 STATE OF C-10

M. ABI

LECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDEREI SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE

THIS ITEM HAS BEEN

CORNERSTONE CHARTER ACADEMY CONSTRUCTION PLANS CITY OF BELLE ISLE, FLORIDA



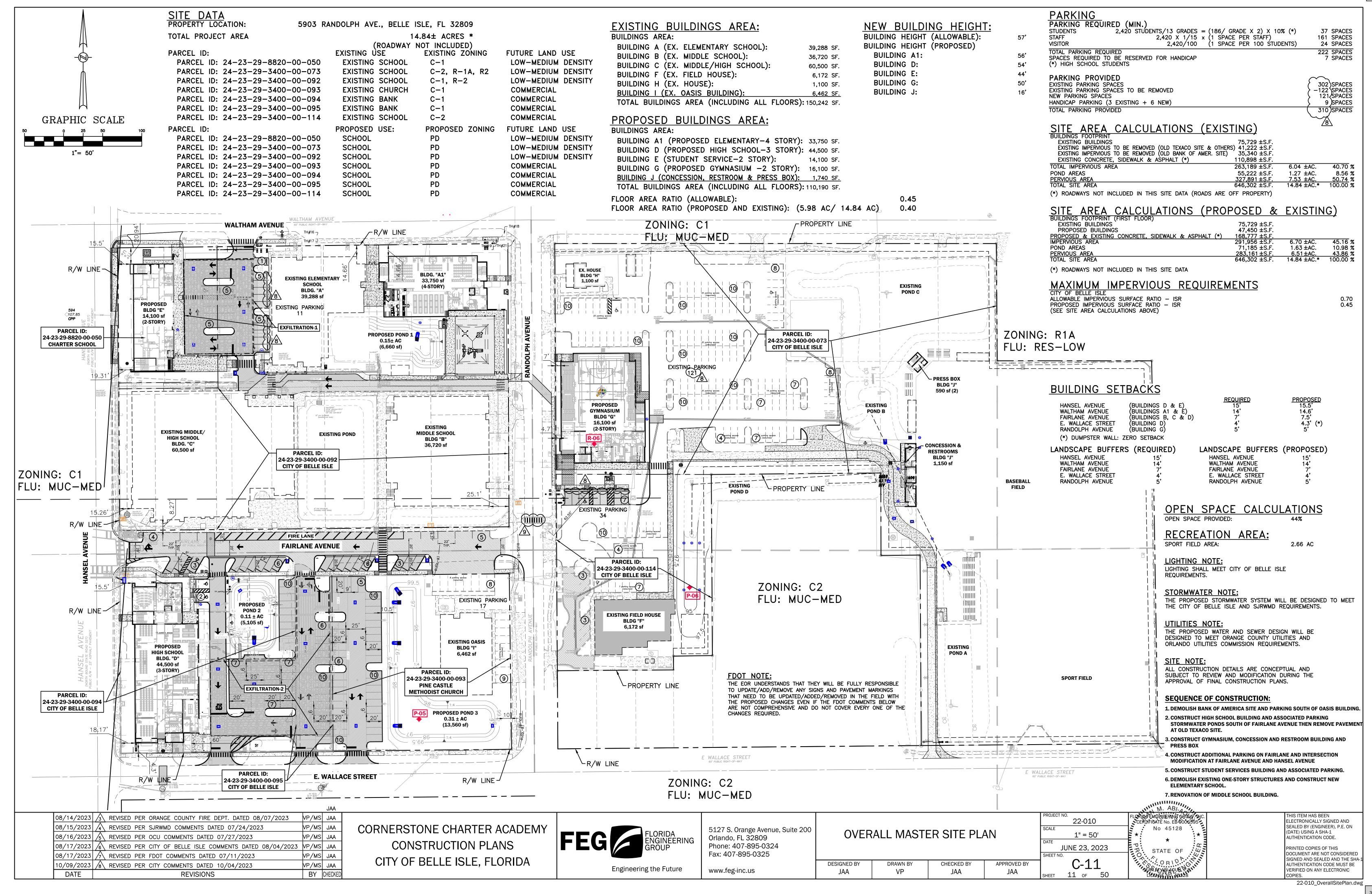
Engineering the Future

5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325

DESIGNED BY APPROVED BY DRAWN BY CHECKED BY JAA

22-010_DemolitionPlan.dwg

VERIFIED ON ANY ELECTRONIC



22-010_OverallPGDPlan.dwg

CONCRETE CONSTRUCTION NOTES CONCRETE CONSTRUCTION NOTES (cont.) CONCRETE CONSTRUCTION NOTES (cont.) ⟨#⟩ SITE DRAINAGE KEYNOTES 1. CONCRETE PRE-CONSTRUCTION MEETING D1. EXISTING STORM STRUCTURE. A SQUARE JOINTING PATERN IS REQURED WHERE POSSIBLE. IF NECESSARY, i. EARLY-ENTRY SAW CUTTING METHOD: CUT JOINT TO A MINIMUM OF 1/4 OF DEPTH RECTANGULAR PANELS CAN BE USED IF THE LONG DIMENSION IS NO MORE THAN 1.5 FOR PAVEMENT THICKNESS UP TO 8". CUTTING OF JOINT SHALL NOT CAUSE RAVELING A. THE CONCRETE CONTRACTOR ALONG WITH THE CONCRETE PRODUCER MAY REQUEST THROUGH D2. TYPE "C" DITCH BOTTOM INLET PER F.D.O.T. STD. PLANS 425-052, TIMES THE SHORT (e.g. 8' x 12'). JOINT SPACING SHALL NOT EXCEED THE FOLLOWING: TO THE EDGES OR DEFORMATION OF THE SURFACE DUE TO EQUIPMENT OR WORKER. THE GENERAL CONTRACTOR FOR A PRE-CONSTRUCTION MEETING PRIOR TO CONCRETE 10 FEET IN A 4" THICK SLAB, 12 FEET IN A 5" THICK SLAB OR 15 FEET IN SLAB WITH OTHER METHODS: INSTALL JOINT TO A MINIMUM OF 1/4 OF PAVEMENT DEPTH. B. ATTENDEE: CONCRETE CONTRACTOR, CONCRETE PRODUCER, GENERAL CONTRACTOR, OWNER OR FINISH EDGES WITH 0.25" RADIUS. OPERATION SHALL NOT CAUSE ANY DEFORMATION OF D2A. TYPE "C" DITCH BOTTOM INLET W/ CHAMBER RISER. ii. BOX OUT AREA AROUND MANHOLES, CATCH BASINS, DRAINAGE STRUCTURES & OTHER OWNER'S REPRESENTATIVE(S), ENGINEER OF RECORD, ARCHITECT, SITE CONTRACTOR, THE SURFACE. D2B. TYPE "C" DITCH BOTTOM INLET WITH STEEL GRATE, PER F.D.O.T. STD. BUILT-IN STRUCTURES WITHIN THE PAVING AREA SHALL BE CIRCULAR WHERE POSSIBLE. GEOTECHNICAL REPRESENTATIVE(S), ETC. D.ISOLATION JOINTS - THESE JOINTS USE ISOLATION MATERIALS TO PREVENT FRESH CONCRETE A MINIMUM OFFSET OF 12" FROM ANY EDGE OF THE STRUCTURE. OBTAIN A COPY OF PLANS 425-052, TYPICAL. FROM BONDING TO HARDENED CONCRETE SUCH AS, BUT NOT LIMITED TO, BUILDING C.AGENDA: INCLUDE BUT NOT LIMITED TO THE FOLLOWINGS; (CONTRACTOR MAY CONTACT THE THE FC&PA STANDARD DETAILS FOR REFERENCE. CONSTRUCTION & CONTROL JOINTS FOUNDATIONS, SIDEWALKS, DRAINAGE STRUCTURES, LIGHTING & SIGNAGE BASES, RETAINING FLORIDA CONCRETE & PRODUCTS ASSOCIATION FOR PRE-CONSTRUCTION MEETING CHECK SHALL BE CONTINUOUS THROUGH ADJACENT LANES & EXTEND THROUGH INTEGRAL CURB. WALLS, CURBS, ETC. THE ISOLATION MATERIAL SHALL EXTEND THE FULL-DEPTH OF THE D2C. TYPE "H" DITCH BOTTOM INLET PER F.D.O.T. STD. PLANS 425-052, JOINTS CAN BE TERMINATED & OFFSET AT ISOLATION JOINTS. WHERE JOINTS INTERFACE FRESH CONCRETE THICKNESS. FROM ONE DAY PLACEMENT TO THE NEXT, WHERE JOINTS ARE ANY RADIUS OR CURVATURE. OFFSET A MINIMUM OF 12" FROM EDGE OF PAVEMENT AND MATCHED, ISOLATION MATERIAL IS NOT NECESSARY. (E.G. ONE LANE PAVING TO THE NEXT, i.MIXTURE(S) APPROVAL FORM JOINT 90 DEGREE TO EDGE OF PAVEMENT TO AVOID ACUTE ANGLE OR SMALL D3. STORM MANHOLE PER F.D.O.T. STD. PLANS No. 425-001, TYPICAL. INTEGRAL CURBS) WEDGES OF CONCRETE AT CURVATURES. OBTAIN A COPY OF THE FC&PA STANDARD ii. CONCRETE TESTING: TYPE, LOCATION OF SAMPLINGS, ETC. E.ISOLATION JOINTS BETWEEN SLABS AT SOME GRADE SHALL BE FORMED WITH 0.25 INCH THICK D3A. STORM MANHOLE TYPE 7 W/ TYPE P BOTTOM iii. CONCRETE DELIVERY: QUANTITY/HR, PUMP, CONVEYOR, ETC. GRAPHIC SCALE NEOPRENE OR 0.50 INCH THICK ASPHALT IMPREGNATED FIBER FILLER WITH HYDORCARBON B.CONSTRUCTION JOINTS - A CONSTRUCTION JOINT SEPARATES ONE DAY PLACEMENT TO THE PER F.D.O.T. STD. PLANS No. 425-001, 425-010 TYPICAL. NEXT DAY PLACEMENT. A CONSTRUCTION JOINT SHALL BE A MINIMUM OF 5 FEET FROM ANY RESISTANT ELASTOMERIC FILL MATERIAL AS SEALER. ALL EDGES TO BE HAND TOOLED WITH iv. PLACEMENT: METHOD, QUANTITY/DAY, STAGING & CLEAN OUT LOCATION, ETC. ADJACENT CONTROL JOINT. NEXT DAY PLACEMENT SHALL BUTT UP TO THE EXISTING MAXIMUM 0.50 INCH RADIUS. D4. MITERED END SECTION PER F.D.O.T. STD. PLANS No. 430-021, v. FINISHING: CURING, JOINTING, ETC. PAVEMENT AS A COLD JOINT. THE CONSTRUCTION JOINT MAY BE HAND-TOOLED WITH F. A SATISFACTORY ISOLATION JOINT CAN BE FORMED AT METAL BUILDING CURBS BY PLACING A TYPICAL. MAXIMUM 0.25" RADIUS AT THE EDGE OF THE JOINT.CONTROL JOINTS FROM BOTH PLACEMENT STRIP OF CURING PAPER AGAINST THE METAL FORM & THEN PLACING THE FRESH CONCRETE AREAS SHALL MATCH AND BE CONTINUOUS ACROSS THE CONSTRUCTION JOINT. AGAINST THE PAPER. THE EDGES OF THE SLAB SHALL BE HAND TOOLED WITH MAXIMUM 0.50 D5. STORM CLEAN-OUT, TYPICAL 1"= 50' 2. JOINTS FOR CONCRETE SLABS C.CONTROL/CONTRACTION JOINTS - CONTROL JOINTS ARE JOINTS WITHIN THE PAVING AREA A.GENERAL - A JOINTING PLAN FOR THE ENTIRE PAVING AREA SHALL BE PREPARED BY THE FORMED THROUGH TOOLING OR SAW CUTTING. CONTROL JOINTS ESTABLISH WEAK PLANES TO D6. 5'X5' CRUSHED CONCRETE RIP-RAP. CONCRETE CONTRACTOR & SUBMITTED TO THE ENGINEER OF RECORD (EOR) 2 WEEKS PRIOR RELIEVE STRESSES DUE TO SHRINKAGE OR TEMPERATURE CHANGE. INSTALL CONTROL JOINTS TO PLACEMENT OF CONCRETE FOR THE EOR APPROVAL. THE CONTRACTOR MAY ALSO WITHIN 12 HRS FROM THE TIME THE CONCRETE HITS THE GROUND OR OBTAIN IN WRITING D7. OUTFALL STRUCTURE. (EXISTING OUTFALL STRUCTURE CONTACT THE FLORIDA CONCRETE & PRODUCTS ASSOCIATION (FC&PA) FOR TECHNICAL APPROVAL FROM THE EOR BEYOND THE 12-HR TIME LIMIT. TO BE REMOVED AND REPLACED WITH NEW ONE) RESOURCES AND ASSISTANT. **GRADING KEYNOTES** G1. SILT FENCE EROSION CONTROL BARRIER, TYPICAL. **WALTHAM AVENUE** 4 - PROPERTY LINE FOUND 5/8" IRON ROD AND CAP "LB 7168" -R/W LINE FOUND 5/8" IRON ROD AND CAP "PLS 2498" G2. MATCH EXISTING PAVEMENT GRADE. RECOVERED 1/2 ROD AND CAP "LB × 95.1 **EX. HOUSE** BLDG. "A1" **EXISTING ELEMENTARY** BLDG "H" F.F.E. = 102.60**SCHOOL EXISTING** BLDG. "A" POND C ZONING: R1A parcel "k-9" parcel "k-10" **PROPOSED** EXFILTRATION-1 FLU: RES-LOW parcel "k-7" BLDG "E" × 93.9 F.F.E = 102.60EX-22 (CO-4AP 97.8 × 94.0 (0-4A)(I PROPOSED POND 1 SD-40.25± AC FOUND 5/8" IRON ROL AND CAP "LB 7168" **EX-25** D D5 CO-6A ► PRESS BOX CO+6AP /-(D4)(SD-35) EX-27 D1 SD-6 $-\langle D1\rangle (EX-14)$ **PROPOSED** EX-6 D1 × 96.3 × 95.0 **GYMNASIUM EX-26** D EX-12 (D1) BLDG "G" ∠ CO−2AP EXISTING $-\sqrt{D1}$ EX-8F.F.E. 100.50 EX-5\D1\ EX-11XEXISTING MIDDLE/ CO−1AP HIGH SCHOOL BLDG. "C" **EXISTING** 🖥 ELEC. ROOM 🖷 **EXISTING POND** MIDDLE SCHOOL ✓ CONCESSION & BLDG "B" BLDG "J" F.F.E.= 96.60 • 98.4 98.4101.2 D2 SD-32 D5 C0-3 SD-28 D2 FAIRLANE AVENUE FOUND 5/8" IRON ROD — AND CAP "LB 7168" 20LF-6" PERFORATED A.D.S. UNDERDRAIN 60LF-6" PERFORATED R/W LINE -A.D.S. UNDERDRAIN (REFER TO SHEET C-30 EX. FIELD HOUSE FOR UNDERDRAIN DETAIL) SURVEYORS NOTE BLDG "F" THE ELEVATIONS SHOWN HEREON ARE BASED ON ORANGE COUNTY DATUM PER BENCH MARK NUMBER S1316-035, CURB INLET, ELEVATION = 101.52 (NAVD 1988) $(0.11 \pm AC)$ **LEGEND** POND A SILT FENCE EROSION CONTROL BARRIER OASIS BLDG "I" D2 SD-24 REFER TO CONCRETE PAVEMENT DETAIL ON SHEET C-29 AS AN ALTERNATIVE FOR ASPHALT PAVEMENT FOR PARKING AREA OVER THE CONCRETE PAVEMENT **EXFILTRATION-2** EXFILTRATION SYSTEM. **HIGH SCHOOL** HEAVY-DUTY F.F.E. = 102.70 **ASPHALT PAVEMENT** PROPOSED POND 3 CS-3 D7 $0.31 \pm AC$ EXFILTRATION TRENCH LIMITS ALL PIPE JOINTS SHALL BE WRAPPED R/W LINE E WALLACE STREE E. WALLACE STREET SEE SHEET C-13 FOR DRAINAGE STRUCTURES LEGEND & PIPE CHART R/W LINE LORIDA ENGINEEMING GROUP CERTIFICATE No. EB-00069 REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023 VP/MS JAA 22-010 LECTRONICALLY SIGNED AND VP/MS JAA CORNERSTONE CHARTER ACADEMY 08/15/2023 SEALED BY (ENGINEER), P.E. ON REVISED PER SJRWMD COMMENTS DATED 07/24/2023 OVERALL MASTER PAVING, GRADING 5127 S. Orange Avenue, Suite 200 No 45128 (DATE) USING A SHA-1 1" = 50' MP/MS JAA 08/16/202 REVISED PER OCU COMMENTS DATED 07/27/2023 Orlando, FL 32809 AUTHENTICATION CODE AND DRAINAGE PLAN CONSTRUCTION PLANS Phone: 407-895-0324 REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023 VP/MS JAA JUNE 23, 2023 Fax: 407-895-0325 VP/MS JAA VP/MS JAA REVISED PER FDOT COMMENTS DATED 07/11/2023 CITY OF BELLE ISLE, FLORIDA SIGNED AND SEALED AND THE SHA C-12 REVISED PER CITY COMMENTS DATED 10/04/2023 DESIGNED BY DRAWN BY CHECKED BY APPROVED BY 10/09/2023 AUTHENTICATION CODE MUST BE Engineering the Future www.feg-inc.us /ERIFIED ON ANY ELECTRONIC JAA BY CHECKED DATE **REVISIONS**

STRUCTURE TABLE	(CornerstoneStormPipe)		
STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT
CO-1 STORM CLEAN—OUT	TOP EL. = 96.30 INV. EL. = 91.40 ±	EX 8" HP	8"HP(CO-1P)
CO-2 STORM CLEAN— OUT	TOP EL. = 96.45 INV. EL. = 91.30 N INV. EL. = 91.30 SE	8"HP(CO-1P)	8"HP(CO-2P)
CO-3 STORM CLEAN-OUT	TOP EL. = 95.50 INV. EL. = 91.20 NW	8"HP(CO-2P)	8"HP(EX)
CS-1 OUTFALL STRUCTURE (POND 1) YPE 7 STORM MANHOLE W/ P-BOTTOM MODIFED (4'x7') PER FDOT STD PLANS 425-001, 425-010	TOP EL. = 102.00 INV. EL. = 97.00 N INV. EL. = 97.25± E INV. EL. = 96.30± W INV. EL. = 96.42± S	18" HDPE(SD-5AP) EX. 15" HDPE	EX. 18"HDPE (TO POND 1) EX. 15" HDPE TO HANSEL AVE.
CS-2 OUTFALL STRUCTURE (POND 2) TYPE C INLET FDOT STD. PLANS 425-052	TOP EL. = 101.00 INV. EL. = 98.00 NW		15"HP(SD-8P)
CS-3 TYPE C INLET MODIFIED (POND 3) FDOT STD. PLANS 425-052	TOP EL. = 98.50 INV. EL. = 96.00 E		18" HP(CS-3P)
EX-28 EX. STRUCTURE	TOP EL.= 97.31 EL.= 93.00 W (CORE DRILL)	18" HP(CS-3P)	
EX-SD1 EX. STORM STRUCTURE (FDOT)	TOP EL. = 100.50 INV. EL. € 97.50 SE	15" HP(SD-10P)	
SD-1 TYPE C INLET W/ CHAMBER RISER	TOP EL. = 101.10	I	CHAMBER - 34" PIPE
SD-2 TYPE C INLET W/ CHAMBER RISER	TOP EL. = 101.00	STORM C	HAMBER
SD-3 TYPE C INLET W/ CHAMBER RISER	TOP EL. = 101.00	STORM C INV. 97.00 -	
SD-4 TYPE C INLET W/ CHAMBER RISER	TOP EL. = 101.17		CHAMBER - 34" PIPE
SD-4A TYPE 7 STORM MANHOLE W/ P-BOTTOM W/ 1' SUMP PER FDOT STD PLANS 425-001, 425-010	TOP EL. = 101.50 INV. EL. = 97.00 W INV. EL. = 97.00 S	18" HP(SD-5P)	18" HDPE(SD-5AP)
SD-5 TYPE C INLET W/ CHAMBER RISER	TOP EL. = 101.00	STORM C INV. 97.00 -	
SD-6 TYPE C INLET FDOT STD. PLANS 425-052	TOP EL. = 101.00 INV. EL. = 98.00 N	15" HP(SD-6P)	
SD-9 TYPE P-7T STORM MANHOLE PER FDOT STD PLANS 425-001, 425-010	TOP EL. = 102.25 INV. EL. = 97.94 W INV. EL. = 97.94 SE	15" HP(SD-9P)	15" HP(CS-2P)
SD-10 TYPE H INLET FDOT STD. PLANS 425-052	TOP EL. = 100.90 INV. EL. = 97.66 E INV. EL. = 97.60 NW	15" HP(SD-9P)	15" HP(SD-10P)
SD-13 TYPE C INLET W/ CHAMBER RISER	TOP EL. = 101.50	STORM C INV. 98.00 -	
SD-14 TYPE C INLET W/ CHAMBER RISER	TOP EL. = 101.50	STORM 0 INV. 98.00	
SD-15 TYPE C INLET FDOT STD. PLANS 425-052	TOP EL. = 101.44 INV. EL. = 97.80 S INV. EL. = 97.80 E	15" HP(SD-14P) 15" HP(CO-5AP)	18" HP(SD-15P)
SD-16 M.E.S PER FDOT STD PLANS 430-021	1 TOP EL. = 100.44 INV. EL. = 97.70 W	18" HP(SD-15P)	
SD-16C M.E.S PER FDOT STD PLANS 430-021	TOP EL. = 101.27 INV. EL. = 98.00 S	15" HP(SD-17P)	
CO-1A STORM CLEAN-OUT	TOP EL.= 95.20 INV. EL.= 94.25**	8" HP	8" HP(CO-1AP)
CO-2A STORM CLEAN—OUT	TOP EL.= 95.20 INV. EL. = 94.21**	8" HP(CO-1AP)	8" HP(CO-2AP)
CO-4A STORM CLEAN—OUT	TOP EL.= 102.50 INV. EL. = 97.50**		15" HP(CO-4AP)
CO-5A STORM CLEAN-OUT	TOP EL.= 102.00 INV. EL. = 98.00**		15" HP(CO-5AP)
CO-6A STORM CLEAN—OUT	TOP EL.= 98.50 INV. EL. = 95.30		18" HP(CO-6AP)
EX-21 EXISTING STORM STRUCTURE	TOP EL.= 97.57 INV. EL. = 94.84 E INV. EL. = 94.83 S INV. EL. = 95.00 W (CORE DRILL)	18" HP(CO-6AP) 18" HP (EX-20)	18" HP(EX-21)
CO-7A		 E ARCHITECTURAL	15" HP(CO-7AP)

	RUCTURE TABLE (Corner	· · ·	
STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT
SD-17 TYPE C INLET W/ CHAMBER RISER	TOP EL. = 101.35	STORM C INV. 98.00	
SD-18 TYPE C INLET W/ CHAMBER RISER	TOP EL. = 101.24	STORM C INV. 98.00 -	
SD-19 TYPE C INLET W/ CHAMBER RISER	TOP EL. = 101.35	STORM CHA	
SD-20 TYPE C INLET W/ CHAMBER RISER	TOP EL. = 101.50	STORM CHAI INV. 98.00 — 2	
SD-21 M.E.S PER FDOT STD PLANS 430-021	TOP EL. = 101.00 INV. EL. = 98.00 SE	15" HP(SD-19P)	
SD-22 TYPE C INLET FDOT STD. PLANS 425-052	TOP EL. = 100.50 INV. EL. = 97.50 E		15" HP(SD-22P)
SD-23 M.E.S PER FDOT STD PLANS 430-021	TOP EL. = 100.00 INV. EL. = 97.00 W	15" HP(SD-22P)	
SD-24 TYPE C INLET FDOT STD. PLANS 425-052	TOP EL. = 100.50 INV. EL. = 97.50 E		15" HP(SD-24P)
SD-25 M.E.S PER FDOT STD PLANS 430-021	INV. EL. = 97.00 W	15" HP(SD-24P)	
SD-26 TYPE C INLET FDOT STD. PLANS 425-052	TOP EL. = 100.50 INV. EL. = 97.50 E		15" HP(SD-26P)
SD-27 M.E.S PER FDOT STD PLANS 430-021	TOP EL. = 100.00 INV. EL. = 97.00 W	15" HP(SD-26P)	
SD-28 TYPE C INLET FDOT STD. PLANS 425-052	TOP EL. = 100.30 INV. EL. = 97.50 E		15" HP(SD-28P)
SD-29 TYPE C INLET FDOT STD. PLANS 425-052	TOP EL. = 99.84 INV. EL. = 97.40 W		15" HP(SD-29P)
SD-30 TYPE C INLET FDOT STD. PLANS 425-052	TOP EL. = 99.70 INV. EL. = 96.20 E INV. EL. = 97.20 W INV. EL. = 97.20 SE	15" HP(SD-29P) 15" HP(SD-28P)	15" HP(SD-30P)
SD-31 M.E.S PER FDOT STD PLANS 430-021	INV. EL. = 97.00 NW	15" HP(SD-30P)	
SD-32 TYPE C INLET FDOT STD. PLANS 425-052	TOP EL. = 94.90 INV. EL. = 94.00 SE		8" HP(SD-32AP)
SD-32A M.E.S PER FDOT STD PLANS 430-021	INV. EL. = 93.80 NW	8" HP(SD-32AP)	
SD-33 TYPE C INLET W/ 1' STUMP FDOT STD. PLANS 425-052	TOP EL. = 96.12 INV. EL. = 94.00 SE INV. EL. = 94.00 N	15" RCP(SD-34P)	15" RCP(SD-33P)
SD-33A M.E.S PER FDOT STD PLANS 430-021	INV. EL. = 93.80 NW	15" RCP(SD-33P)	
SD-34 TYPE C INLET W/ 1' STUMP FDOT STD. PLANS 425-052	TOP EL. = 96.10 INV. EL. = 93.80 S INV. EL. = 94.00 N 	12"X18" ERCP(SD-35P) 3-6" DIP (EX. PIPES)	15" RCP(SD-34P)
SD-35 M.E.S PER FDOT STD PLANS 430-021	INV. EL. = 93.80 S		12"X18" ERCP(SD-3
SD-36	INV. EL. = 97.00	15" HP(CO-7AP)	V V V V V

		PIPE TABLE	(Cornerst	toneStormPipe)				
PIPE NAME	SIZE (")	LENGTH (LF)	SLOPE	FROM STRUCTURE	TO STRUCTURE	PIPE	E NAME	SIZE (")
CO-1P	8"	41	0.24%	CO-1	CO-2	s	D-20P	STORM CHA
C0-2P	8"	65	0.15%	CO-2	CO-3	S	D-22P	15"
CS-2P	15"	19	-0.32%	SD-9	CS-2	s	D-24P	15"
CS-3P	18"	34	8.87%	CS-3	EX-28	S	D-26P	15"
SD-1P	STORM	CHAMBER				S	D-28P	15"
SD-2P	STORM	CHAMBER			-	S	D-29P	15"
SD-3P	STORM	CHAMBER			-	S	D-30P	15"
SD-4P	STORM	CHAMBER			-	S	D-32P	8"
SD-5AP	18"	29	0.00%	SD-4A	CS-1	S	D-33P	15"
SD-5P	18"	10	0.00%	STORM CHAMBER	SD-4A	S	D-34P	15"
SD-6P	15"	25	4.00%	SD-6	STORM CHAMBER	S	D-35P	12"X18"
SD-9P	15"	138	0.20%	SD-9	SD-10			'
SD-10P	15"	11	0.87%	SD-10	EX-SD1			
SD-13AP	STORM	CHAMBER	•					
SD-13P	STORM	CHAMBER	ı	1	-			
SD-14P	15"	70	0.96%	STORM CHAMBER	SD-15			
SD-15P	18"	25	0.40%	SD-15	SD-16			
SD-17P	15"	25	0.00%	STORM CHAMBER	SD-16C			
SD-18P	15"	69	0.19%	SD-18	SD-19			
SD-19P	15"	45	0.00%	STORM CHAMBER	SD-21			
CO-1AP	8"	13	0.3%	CO-1A	CO-2A		• • •	, ,
CO-2AP	8"	9	0.3%	CO-2A	RIP-RAP			{
CO-4AP	15"	8	3.8%	CO-4AP	STORM CHAMBER	INV. 97.0	00 – 3	ノ 4"PIPE)
CO-5AP	15"	21	0.95%	CO-5AP	SD-15			5
CO-6AP	18"	15	1.3%	CO-6AP	EX. 21)

CO-7AP 15" 17 2.9% CO-7AP

PIPE TABLE (CornerstoneStormPipe)								
PIPE NAME	PIPE NAME SIZE (") LENGTH (LF) SLOPE FROM STRUCTURE TO STRUCTURE							
SD-20P S	TORM CHAI	MBER	1					
SD-22P	15"	53	0.95%	SD-22	SD-23			
SD-24P	15"	53	0.95%	SD-24	SD-25			
SD-26P	15"	53	0.95%	SD-26	SD-27			
SD-28P	15"	115	0.26%	SD-28	SD-30			
SD-29P	15"	64	1.86%	SD-29	SD-30			
SD-30P	15"	42	0.47%	SD-30	SD-31			
SD-32P	8"	69	0.29%	SD-32	SD-32A			
SD-33P	15"	84	0.54%	SD-33	SD-33A			
SD-34P	15"	48	0.42%	SD-34	SD-33			
SD-35P	12"X18"	48	0.42%	SD-35	SD-34			

EX-28
EXISTING STORM STRUCTURE (FDOT)
TOP EL.= 97.31
TOP EL.= 101.32

INV. EL.= 94.71 N INV. EL.= 92.56 E INV. EL.= 90.72 N INV. EL.= 90.96 S INV. EL.= 93.00 W (CORE DRILL) INV. EL.= 97.50 E (CORE DRILL)

CONTRACTOR SHALL VERIFY BUILDING ROOF DRAIN INVERT WITH STORM CLEAN-OUT INVERT AND REPORT ANY DISCREPANCIES TO ENGINEER PRIOR TO **BEGINNING ANY WORK.** (**) CONTRACTOR TO CHECK EXISTING PIPE INVERT AND REPORT ANY DISCREPANCIES TO ENGINEER PRIOR TO BEGINNING WORK.

			JAA
08/14/2023	REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023	VP/MS	JAA
08/15/2023	REVISED PER SJRWMD COMMENTS DATED 07/24/2023	VP/MS	JAA
08/16/2023	FEVISED PER OCU COMMENTS DATED 07/27/2023	VP/MS	JAA
08/17/2023	REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023	VP/MS	JAA
08/17/2023	REVISED PER FDOT COMMENTS DATED 07/11/2023	VP/MS	JAA
10/09/2023	8 REVISED PER CITY COMMENTS DATED 10/04/2023	VP/MS	JAA
DATE	REVISIONS	BY	CHECKED

CORNERSTONE CHARTER ACADEMY
CONSTRUCTION PLANS

FEG

FLORIDA
ENGINEERING
GROUP CITY OF BELLE ISLE, FLORIDA

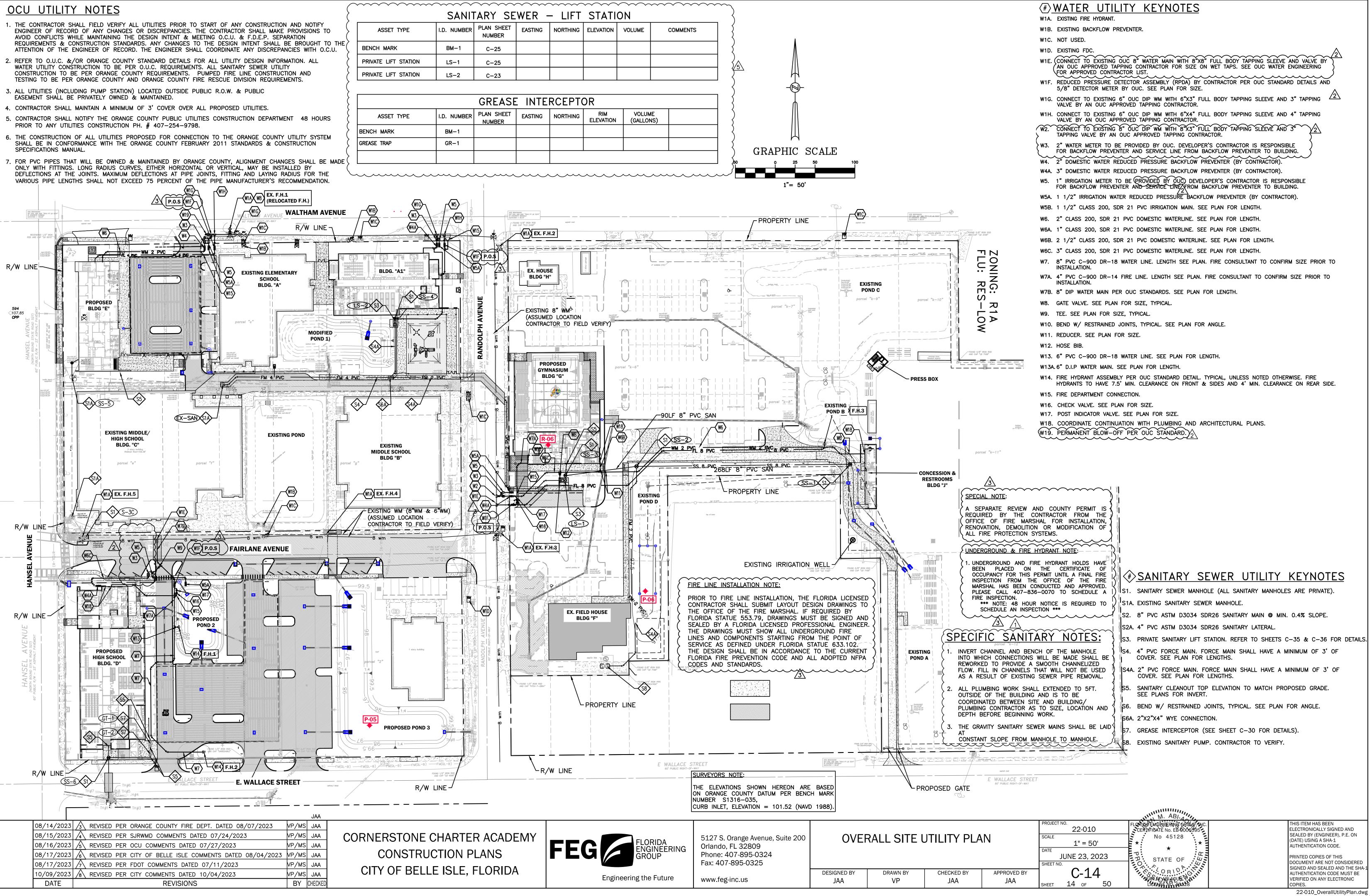


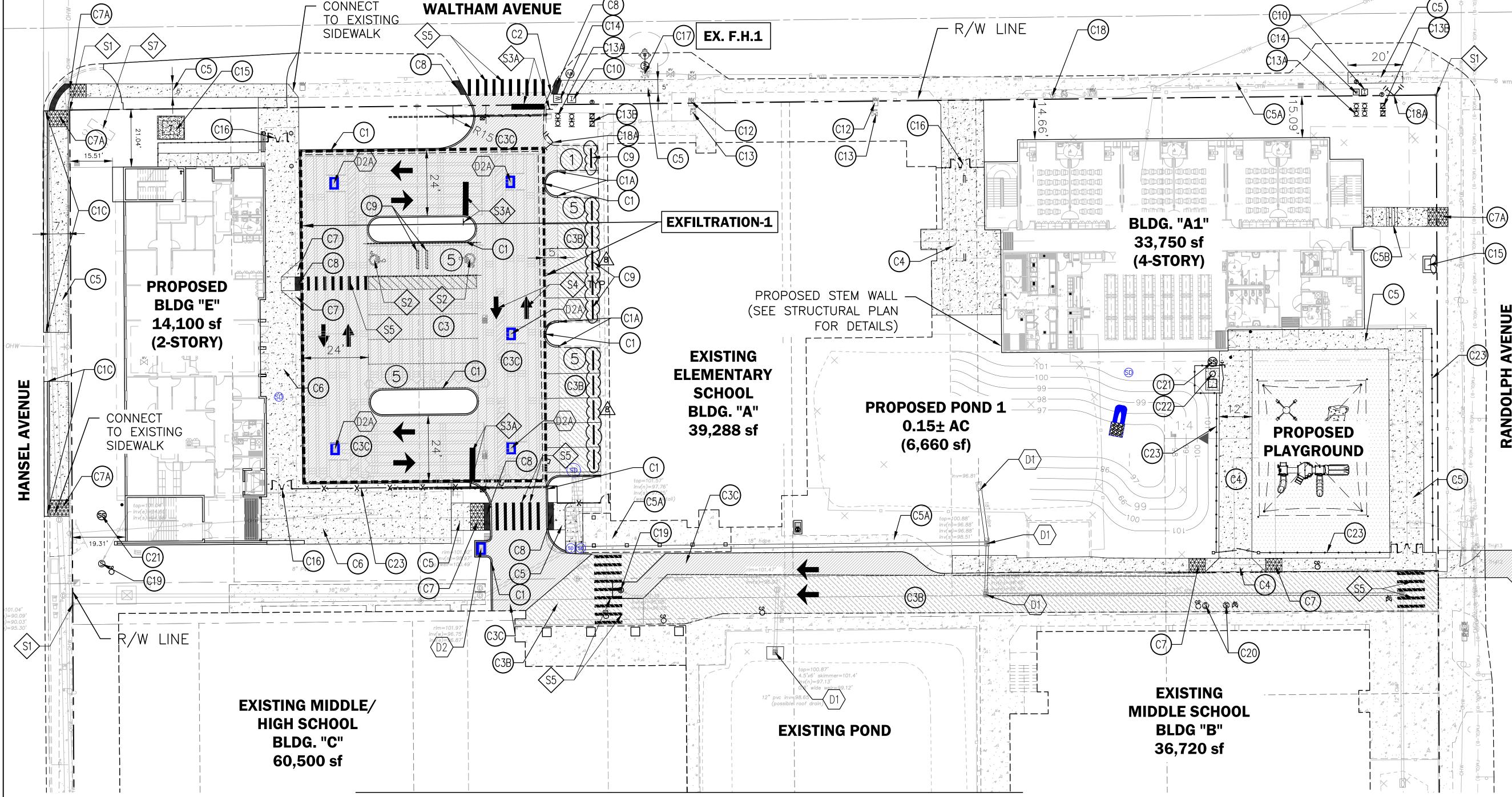
G	5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325	
	www.feg-inc.us	

DRAINA	GE STRUC	ΓURES LEG	END
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY

	M. AB/-A	
o. 22-010	FLORIDA ENGINEERING GROUP, CERTIFICATE NO. EB-9006395	NC
1" = 50'	No 45128	*
UNE 23, 2023	メ STATE OF :	Υ.
C-13	JEAN ADARIA QUELLA BILLA	

THIS ITEM HAS BEEN
ELECTRONICALLY SIGNED AND
SEALED BY (ENGINEER), P.E. ON
(DATE USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA-1 AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC





MATCH LINE - SEE SHEET C-16

M.O.T NOTE:

1. CONTRACTOR SHALL PREPARE A MAINTENANCE OF TRAFFIC PLAN BASED ON 2023-24 FDOT STANDARD PLANS No. 102-602 FOR THE CONSTRUCTION OF SIDEWALK & CURB ALONG HANSEL AVE. BETWEEN WALTHAM AVE. & FAIRLANE AVE.

CONNECT

LEGEND: SEAL COAT & RESTRIPE NEW ASPHALT PAVEMENT CONCRETE PAVEMENT BRICK PAVER PAVEMENT

ADA NOTE:

EOR WILL CERTIFY THAT ALL PROPOSED ADA PATHWAYS AND PARKING AREAS ARE COMPLIANT PER DESIGN UPON COMPLETION OF CONSTRUCTION AND **REVIEW OF AS-BUILT PLANS.**

*\SITE STRIPING & SIGNAGE KEYNOTES

S1. PROPERTY BOUNDARY.

S2. HANDICAP PARKING STALL, TYPICAL.

S3. 24" THERMOPLASTIC STOP BAR WITH R1-1 HIGH INTENSITY REFLECTORIZED "STOP" SIGN.

S3A. 24" THERMOPLASTIC STOP BAR & "STOP" LETTERS.

S3B. 24" THERMOPLASTIC STOP BAR.

S3C. NO PARKING SIGN.

S4. DIRECTIONAL ARROWS PER F.D.O.T. STD. PLANS 711-001, TYPICAL (THERMOPLASTIC).

S5. CROSSWALK STRIPING PER F.D.O.T. STD. PLANS 711-001, TYPICAL (THERMOPLASTIC).

S5A. INFRARED SENSOR CROSSWALK LIGHT.

S6. GORE STRIPING PER F.D.O.T. STD. PLANS 711-003 (THERMOPLASTIC).

S7. EXISTING SIGN TO REMAIN.

S8. DO NOT ENTER SIGN.

S9. LEFT TURN ONLY SIGN.

S10. ONE-WAY SIGN.

SITE DRAINAGE KEYNOTES

D1. EXISTING STORM STRUCTURE.

D2. TYPE "C" DITCH BOTTOM INLET PER F.D.O.T. STD. PLANS 425-052,

D2A. TYPE "C" DITCH BOTTOM INLET W/ CHAMBER RISER.
D2B. TYPE "C" DITCH BOTTOM INLET WITH STEEL GRATE PER F.D.O.T. STD. PLANS 425-052, TYPICAL. D2C. TYPE "H" DITCH BOTTOM INLET PER F.D.O.T. STD. PLANS 425-052, TYPICAL.

D3. STORM MANHOLE PER F.D.O.T. STD. PLANS No. 425-001, TYPICAL.

D3A. STORM MANHOLE TYPE 7 W/ TYPE P BOTTOM PER F.D.O.T. STD. PLANS No. 425-001, 425-010 TYPICAL.

D4. MITERED END SECTION PER F.D.O.T. STD. PLANS No. 430-021, TYPICAL.

D5. STORM CLEAN-OUT, TYPICAL. D6. CONCRETE RIP-RAP.

D7. OUTFALL STRUCTURE

JAA

SITE CONSTRUCTION KEYNOTES

C1. 6" HEAD CURB, TYPICAL.

C1A. CONNECT TO EXISTING CURB.

C1B. 2' DROP CURB.

C1C. REMOVE EXISTING CURB & CONSTRUCT 2' TYPE F CURB & GUTTER.

C1D. RIBBON CURB.

C2. EXISTING CURB TO REMAIN

C4. CONCRETE PAVEMENT, TYPICAL C5. NEW CONCRETE SIDEWALK, TYPICAL

C5A. EXISTING CONCRETE SIDEWALK.

C5B. CONCRETE SIDEWALK STEPS. SEE PLAN FOR NUMBER OF STEPS.

C6. MONOLITHIC CURB & SIDEWALK, TYPICAL.

C6A. BRICK PAVER.

C7. HANDICAP ACCESS RAMP WITH A MAXIMUM 12:1 SLOPE, TYPICAL.

C7A. CURB CUT RAMPS PER F.D.O.T STD. PLANS 522-001, FOR HANDICAP ACCESS.

C7B. EXISTING HANDICAP ACCESS RAMP.

C8. DETECTABLE WARNING SURFACE PER FLORIDA BUILDING CODE.

C9. WHEEL STOP PER F.D.O.T. STD. PLANS 520-001, TYPICAL.

C10. IRRIGATION METER.

C11. DUMPSTER ENCLOSURE (SEE ARCHITECTURAL PLAN FOR DETAILS)

C12. EXISTING DOMESTIC WATER METER.

C13. EXISTING DOMESTIC BACKFLOW PREVENTER.

C13A.NEW DOMESTIC BACKFLOW PREVENTER.

C13B.NEW REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA).

C14. NEW WATER METER.

C15. ELECTRICAL TRANSFORMER.

C16. PROPOSED DOUBLE SWING GATE.

C17. EXISTING FIRE HYDRANT

C17A.NEW FIRE HYDRANT.

C18. EXISTING FDC.

C18A.NEW FDC.

C19. EXISTING SANITARY MANHOLE.

C20. EXISTING GREASE TRAP.

C21. NEW SANITARY MANHOLE.

C22. NEW LIFT STATION.

C23. NEW 6' HIGH CHAIN LINK FENCE PVC COATED (SEE ARCHITECTURAL PLAN A501).

C24. PROPOSED ACCESS GATE (SEE ARCHITECTURAL PLAN FOR DETAILS).

08/14/2023 REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023 VP/MS JAA VP/MS JAA 08/15/2023 REVISED PER SJRWMD COMMENTS DATED 07/24/2023 VP/MS JAA 08/16/2023 REVISED PER OCU COMMENTS DATED 07/27/2023 08/17/2023 REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023 VP/MS JAA REVISED PER FDOT COMMENTS DATED 07/11/2023 VP/MS JAA REVISED PER CITY COMMENTS DATED 10/04/2023 VP/MS JAA 10/09/2023 BY CHECKED DATE REVISIONS

CORNERSTONE CHARTER ACADEMY CONSTRUCTION PLANS CITY OF BELLE ISLE, FLORIDA



5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325

www.feg-inc.us

SIT	E GEOMET	RY (1 OF 4)	
ESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY

JAA

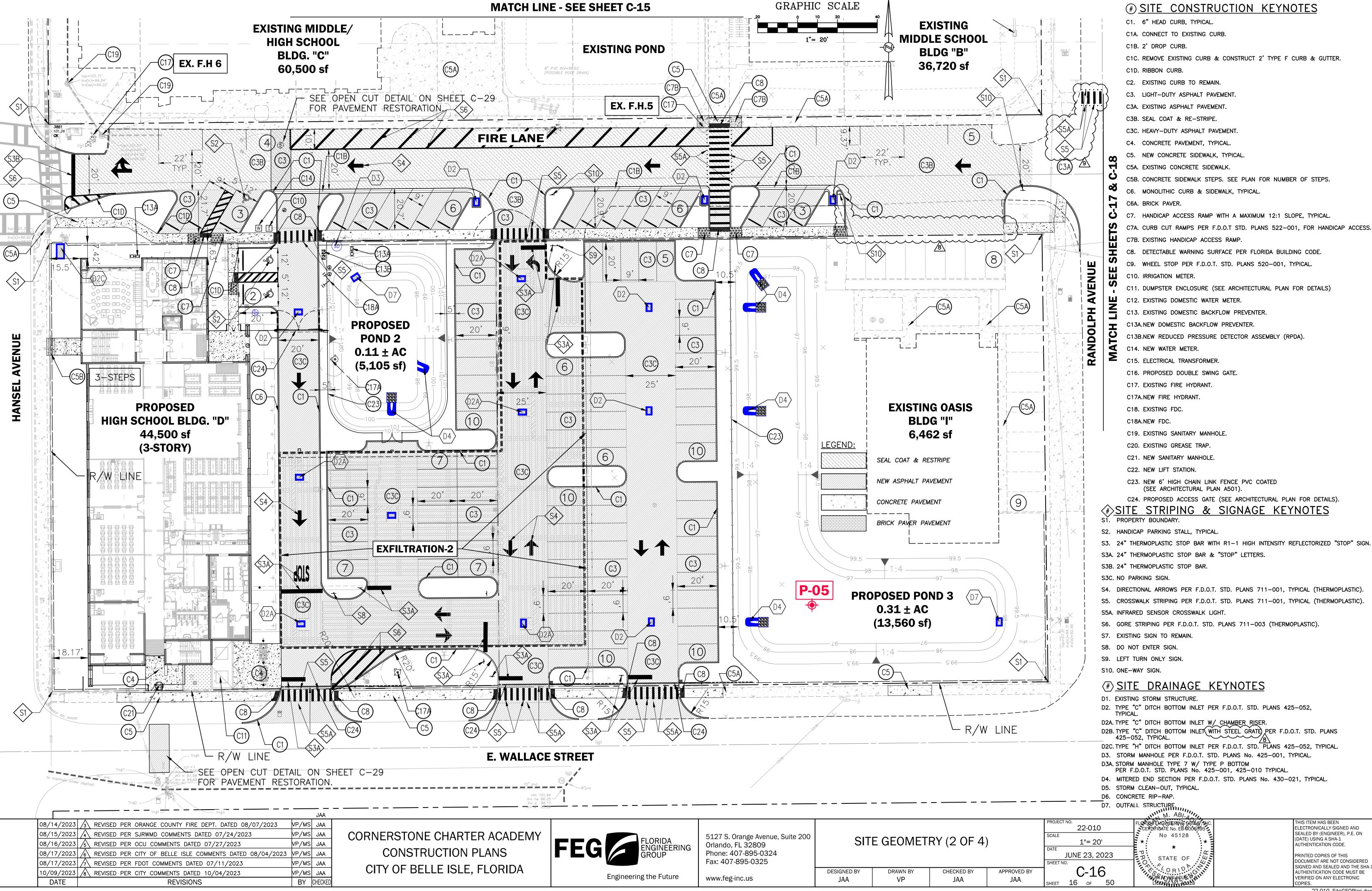
JAA

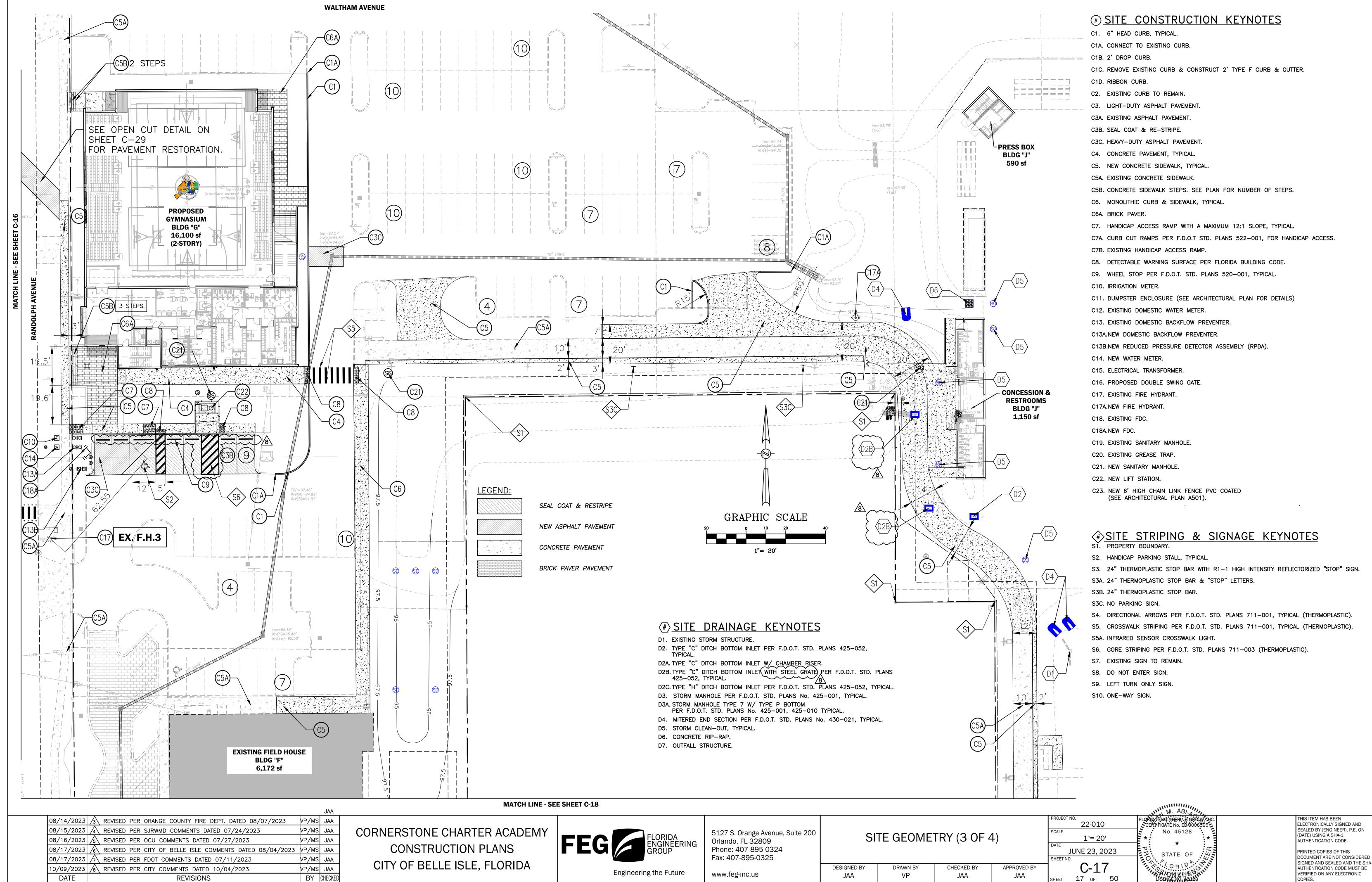
VP

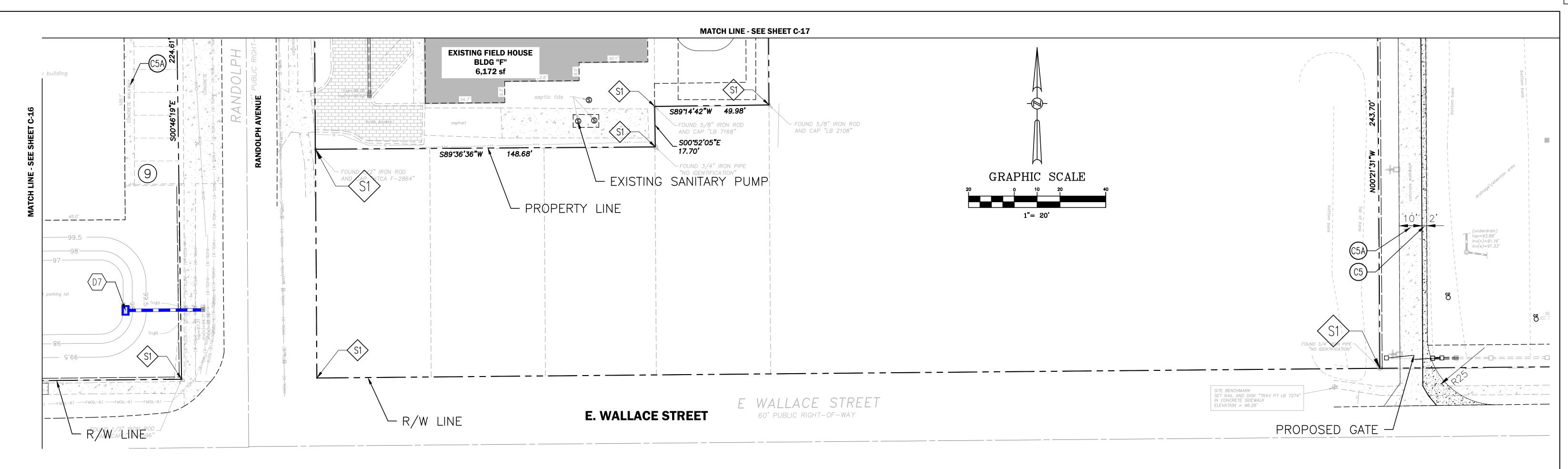
	M. AB/-A
PROJECT NO. 22-010	FLORIDA ENGINEERING GROUP, INC CERTIFICATE NO. EB-0006395
SCALE 1"= 20'	No 45128 *
JUNE 23, 2023	STATE OF
C-15	ORIDAGIL
SHEET 15 OF 50	LICENSE NO HELLS

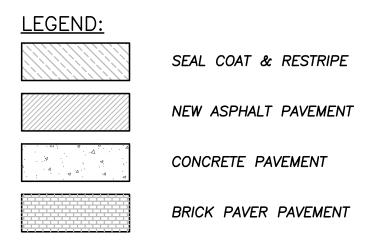
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS

DOCUMENT ARE NOT CONSIDEREI SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC









**SITE STRIPING & SIGNAGE KEYNOTES S1. PROPERTY BOUNDARY.

- S2. HANDICAP PARKING STALL, TYPICAL.
- S3. 24" THERMOPLASTIC STOP BAR WITH R1-1 HIGH INTENSITY REFLECTORIZED "STOP" SIGN.
- S3A. 24" THERMOPLASTIC STOP BAR & "STOP" LETTERS.
- S3B. 24" THERMOPLASTIC STOP BAR.
- S3C. NO PARKING SIGN.
- S4. DIRECTIONAL ARROWS PER F.D.O.T. STD. PLANS 711-001, TYPICAL (THERMOPLASTIC).
- S5. CROSSWALK STRIPING PER F.D.O.T. STD. PLANS 711-001, TYPICAL (THERMOPLASTIC).
- S5A. INFRARED SENSOR CROSSWALK LIGHT.
- S6. GORE STRIPING PER F.D.O.T. STD. PLANS 711-003 (THERMOPLASTIC).
- S7. EXISTING SIGN TO REMAIN.
- S8. DO NOT ENTER SIGN.
- S9. LEFT TURN ONLY SIGN.
- S10. ONE-WAY SIGN.

(#) SITE DRAINAGE KEYNOTES

- D1. EXISTING STORM STRUCTURE.
- D2. TYPE "C" DITCH BOTTOM INLET PER F.D.O.T. STD. PLANS 425-052,
- D2A. TYPE "C" DITCH BOTTOM INLET W/ CHAMBER RISER.
- D2B. TYPE "C" DITCH BOTTOM INLET (WITH STEEL GRATE) PER F.D.O.T. STD. PLANS
- D2C. TYPE "H" DITCH BOTTOM INLET PER F.D.O.T. STD. PLANS 425-052, TYPICAL.
- D3. STORM MANHOLE PER F.D.O.T. STD. PLANS No. 425-001, TYPICAL. D3A. STORM MANHOLE TYPE 7 W/ TYPE P BOTTOM
- PER F.D.O.T. STD. PLANS No. 425-001, 425-010 TYPICAL.
- D4. MITERED END SECTION PER F.D.O.T. STD. PLANS No. 430-021, TYPICAL.
- D5. STORM CLEAN-OUT, TYPICAL.
- D6. CONCRETE RIP-RAP. D7. OUTFALL STRUCTURE.

(#) SITE CONSTRUCTION KEYNOTES

- C1. 6" HEAD CURB, TYPICAL.
- C1A. CONNECT TO EXISTING CURB.
- C1B. 2' DROP CURB.
- C1C. REMOVE EXISTING CURB & CONSTRUCT 2' TYPE F CURB & GUTTER.
- C1D. RIBBON CURB.
- C2. EXISTING CURB TO REMAIN.
- C3. LIGHT-DUTY ASPHALT PAVEMENT.
- C3A. EXISTING ASPHALT PAVEMENT.
- C3B. SEAL COAT & RE-STRIPE.
- C3C. HEAVY-DUTY ASPHALT PAVEMENT.
- C4. CONCRETE PAVEMENT, TYPICAL.
- C5. NEW CONCRETE SIDEWALK, TYPICAL.
- C5A. EXISTING CONCRETE SIDEWALK. C5B. CONCRETE SIDEWALK STEPS. SEE PLAN FOR NUMBER OF STEPS.
- C6. MONOLITHIC CURB & SIDEWALK, TYPICAL.
- C6A. BRICK PAVER.
- C7. HANDICAP ACCESS RAMP WITH A MAXIMUM 12:1 SLOPE, TYPICAL.
- C7A. CURB CUT RAMPS PER F.D.O.T STD. PLANS 522-001, FOR HANDICAP ACCESS.

DESIGNED BY

- C7B. EXISTING HANDICAP ACCESS RAMP.
- C8. DETECTABLE WARNING SURFACE PER FLORIDA BUILDING CODE.
- C9. WHEEL STOP PER F.D.O.T. STD. PLANS 520-001, TYPICAL.
- C10. IRRIGATION METER.
- C11. DUMPSTER ENCLOSURE (SEE ARCHITECTURAL PLAN FOR DETAILS)
- C12. EXISTING DOMESTIC WATER METER.
- C13. EXISTING DOMESTIC BACKFLOW PREVENTER.
- C13A.NEW DOMESTIC BACKFLOW PREVENTER.
- C13B.NEW REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA).

- C14. NEW WATER METER.
- C15. ELECTRICAL TRANSFORMER.
- C16. PROPOSED DOUBLE SWING GATE.
- C17. EXISTING FIRE HYDRANT.
- C17A.NEW FIRE HYDRANT.
- C18. EXISTING FDC.
- C18A.NEW FDC.
- C19. EXISTING SANITARY MANHOLE.
- C20. EXISTING GREASE TRAP.

APPROVED BY

JAA

- C21. NEW SANITARY MANHOLE.
- C22. NEW LIFT STATION.
- C23. NEW 6' HIGH CHAIN LINK FENCE PVC COATED (SEE ARCHITECTURAL PLAN A501).
- C24. PROPOSED ACCESS GATE (SEE ARCHITECTURAL PLAN FOR DETAILS).

				JAA
·	08/14/2023	REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023	VP/MS	JAA
	08/15/2023	REVISED PER SJRWMD COMMENTS DATED 07/24/2023	VP/MS	JAA
	08/16/2023	TEVISED PER OCU COMMENTS DATED 07/27/2023	VP/MS	JAA
	08/17/2023	REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023	VP/MS	JAA
	08/17/2023	REVISED PER FDOT COMMENTS DATED 07/11/2023	VP/MS	JAA
	10/09/2023	8 REVISED PER CITY COMMENTS DATED 10/04/2023	VP/MS	JAA
	DATE	REVISIONS	BY	CHECKED

CORNERSTONE CHARTER ACADEMY CONSTRUCTION PLANS CITY OF BELLE ISLE, FLORIDA



5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325

www.feg-inc.us

SITE GEOMETRY (4 OF 4)

CHECKED BY

JAA

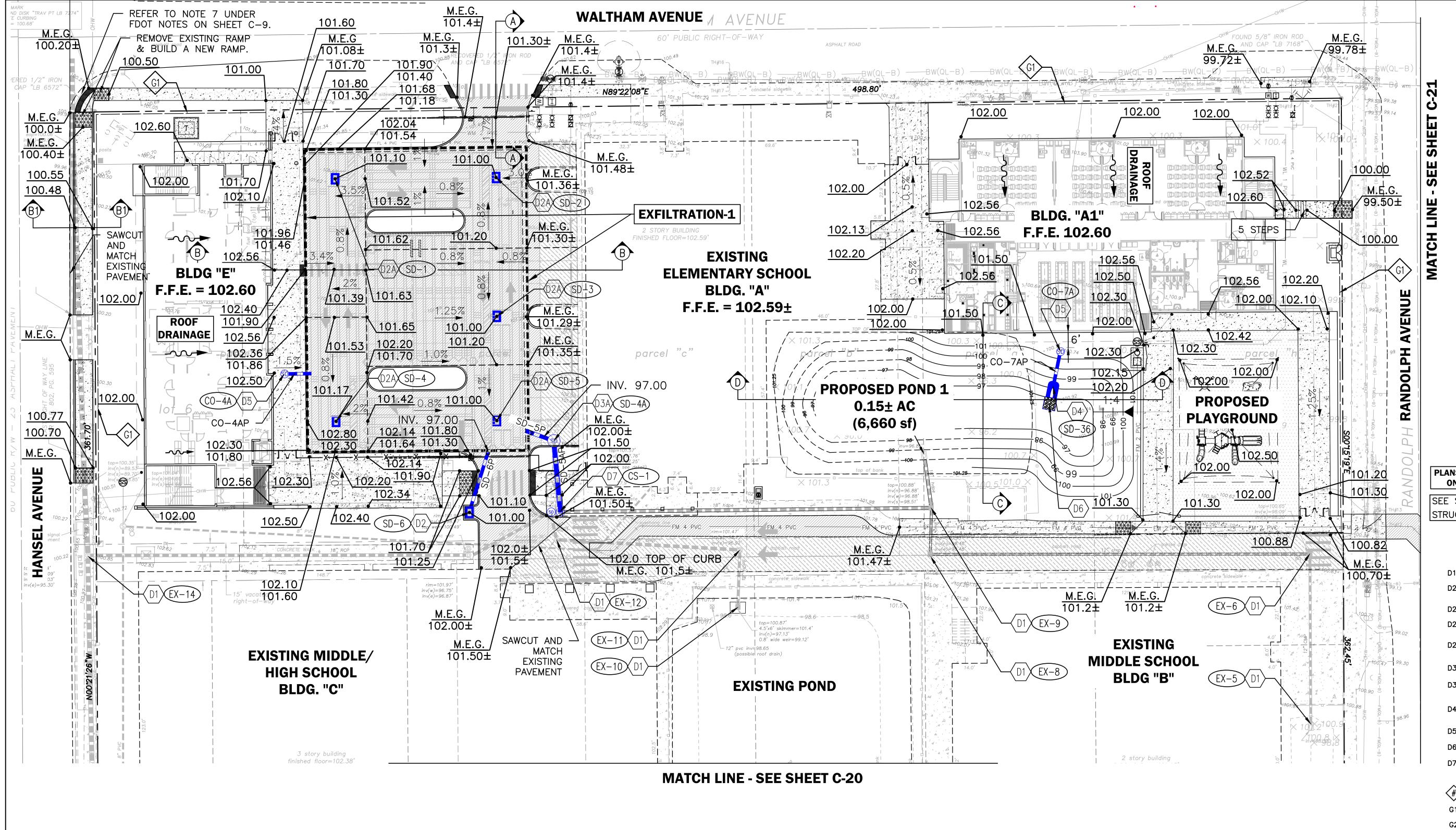
DRAWN BY

VP

	M. ABI-A	
DJECT NO.	FLORIBA ENGINEERING GROUP	1
22-010	CERTIFICATE No. EB-000659)!
LE	S No 45128	
1"= 20'	E * .	
E	F_: *	
JUNE 23, 2023	ア: STATE OF	
EET NO.	200	1
C-18	COBIO.	•
C-TO	VEAN MARIANIN DEN	•
ET 18 OF 50	LICENSE NO 45128	

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA

AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC 22-010_SiteGEOPlan.dwg



PLANS PREPARED BASED ON NAVD88 DATUM

SEE SHEET C-13 FOR DRAINAGE
STRUCTURES LEGEND & PIPE CHART

SITE DRAINAGE KEYNOTES

- D1. EXISTING STORM STRUCTURE.
- D2. TYPE "C" DITCH BOTTOM INLET PER F.D.O.T. STD. PLANS 425-052, TYPICAL.

GRAPHIC SCALE

1"= 20'

- D2A. TYPE "C" DITCH BOTTOM INLET W/ CHAMBER RISER.
- D2B. TYPE "C" DITCH BOTTOM INLET WITH STEEL GRATE PER F.D.O.T. STD. PLANS 425-052, TYPICAL.
- D2C. TYPE "H" DITCH BOTTOM INLET PER F.D.O.T. STD. PLANS 425-052, TYPICAL.
- D3. STORM MANHOLE PER F.D.O.T. STD. PLANS No. 425-001, TYPICAL.
- D3A. STORM MANHOLE TYPE 7 W/ TYPE P BOTTOM PER F.D.O.T. STD. PLANS No. 425-001, 425-010 TYPICAL.
- D4. MITERED END SECTION PER F.D.O.T. STD. PLANS No. 430-021, TYPICAL.
- D5. STORM CLEAN-OUT, TYPICAL.
- D6. 5'X5' CRUSHED CONCRETE RIP-RAP.
- D7. OUTFALL STRUCTURE. (EXISTING OUTFALL STRUCTURE TO BE REMOVED AND REPLACED WITH NEW ONE)

GRADING KEYNOTES

- G1. SILT FENCE EROSION CONTROL BARRIER, TYPICAL.
- G2. MATCH EXISTING PAVEMENT GRADE.

<u>LEGEND:</u>	
	SEAL COAT & RESTRIPE
	NEW ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	BRICK PAVER PAVEMENT

			0, 4 (
08/14/2023	REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023	VP/MS	JAA
08/15/2023	REVISED PER SJRWMD COMMENTS DATED 07/24/2023	VP/MS	JAA
08/16/2023	REVISED PER OCU COMMENTS DATED 07/27/2023	VP/MS	JAA
08/17/2023	REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023	VP/MS	JAA
08/17/2023	REVISED PER FDOT COMMENTS DATED 07/11/2023	VP/MS	JAA
10/09/2023	REVISED PER CITY COMMENTS DATED 10/04/2023	VP/MS	JAA
DATE	REVISIONS	BY	CHECKED

CORNERSTONE CHARTER ACADEMY
CONSTRUCTION PLANS
CITY OF BELLE ISLE, FLORIDA



5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325

www.feg-inc.us

	PAVING, GI DRAINAGE	RADING AN (1 OF 4)	ID
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY

JAA

JAA

	M. ADI-A	
ROJECT NO. 22-010	FLORIDA ENGINEERING CROUP CERTIFICATE No. EB-00065	95
1"= 20'	No 45128 ★	*
JUNE 23, 2023	フ・STATE OF	FD
C-19 HEET 19 OF 50	JEAN MOABIAQUE P.E.	ANI

THIS ITEM HAS BEEN
ELECTRONICALLY SIGNED AND
SEALED BY (ENGINEER), P.E. ON
(DATE) USING A SHA-1
AUTHENTICATION CODE.

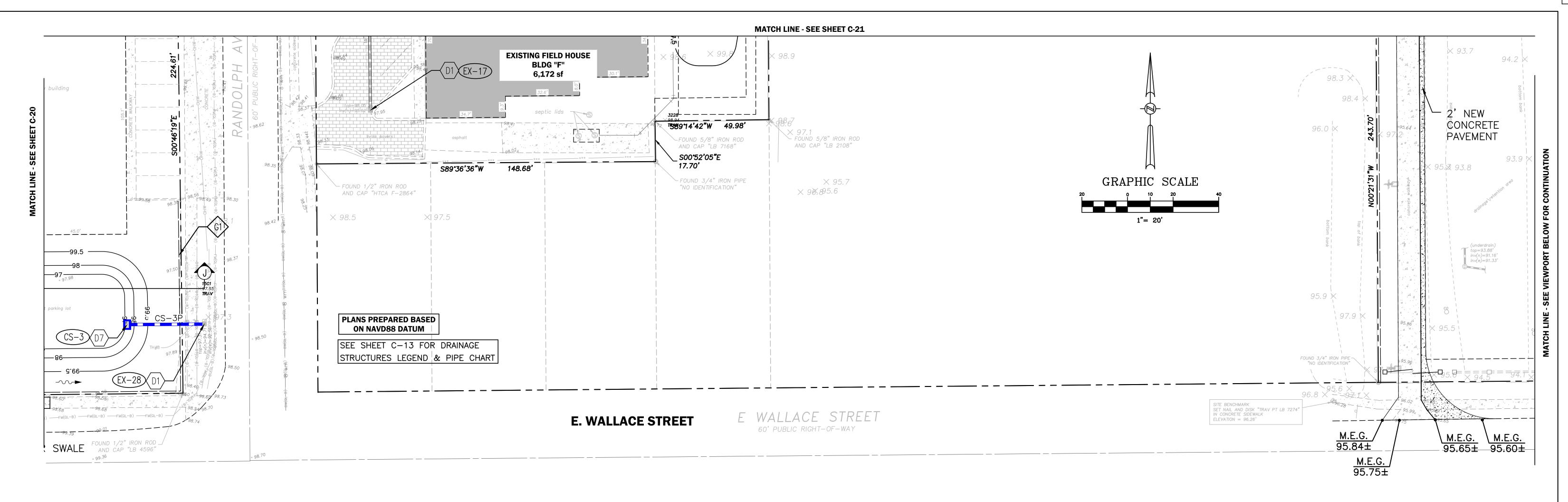
PRINTED COPIES OF THIS
DOCUMENT ARE NOT CONSIDERED
SIGNED AND SEALED AND THE SHA-

AUTHENTICATION CODE MUST BE

VERIFIED ON ANY ELECTRONIC

22-010_SitePGDPlan.dwg

22-010_SitePGDPlan.dwg



SITE DRAINAGE KEYNOTES

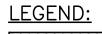
- D1. EXISTING STORM STRUCTURE.
- D2. TYPE "C" DITCH BOTTOM INLET PER F.D.O.T. STD. PLANS 425-052,
- D2A. TYPE "C" DITCH BOTTOM INLET W/ CHAMBER RISER.
- D2B. TYPE "C" DITCH BOTTOM INLET WITH STEEL GRATE PER F.D.O.T. STD. PLANS 425-052, TYPICAL.
- D2C. TYPE "H" DITCH BOTTOM INLET PER F.D.O.T. STD. PLANS 425-052, TYPICAL.

D3. STORM MANHOLE PER F.D.O.T. STD. PLANS No. 425-001, TYPICAL.

- D3A. STORM MANHOLE TYPE 7 W/ TYPE P BOTTOM
- PER F.D.O.T. STD. PLANS No. 425-001, 425-010 TYPICAL.
- D4. MITERED END SECTION PER F.D.O.T. STD. PLANS No. 430-021, TYPICAL.
- D5. STORM CLEAN-OUT, TYPICAL.
- D6. 5'X5' CRUSHED CONCRETE RIP-RAP.
- D7. OUTFALL STRUCTURE. (EXISTING OUTFALL STRUCTURE TO BE REMOVED AND REPLACED WITH NEW ONE)

GRADING KEYNOTES

- G1. SILT FENCE EROSION CONTROL BARRIER, TYPICAL.
- G2. MATCH EXISTING PAVEMENT GRADE.





SEAL COAT & RESTRIPE

A 4 4 4 4

CONCRETE PAVEMENT

NEW ASPHALT PAVEMENT

4 4 4

BRICK PAVER PAVEMENT

			JAA
08/14/2023	3 REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023	VP/MS	JAA
08/15/2023	REVISED PER SJRWMD COMMENTS DATED 07/24/2023	VP/MS	JAA
08/16/2023	REVISED PER OCU COMMENTS DATED 07/27/2023	VP/MS	JAA
08/17/2023	REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023	VP/MS	JAA
08/17/2023	REVISED PER FDOT COMMENTS DATED 07/11/2023	VP/MS	JAA
10/09/2023	REVISED PER CITY COMMENTS DATED 10/04/2023	VP/MS	JAA
DATE	REVISIONS	BY	CHECKED

CORNERSTONE CHARTER ACADEMY
CONSTRUCTION PLANS
CITY OF BELLE ISLE, FLORIDA



5127 S. Orange Avenue, Suite 200	6
Orlando, FL 32809	こ
Phone: 407-895-0324	
Fax: 407-895-0325	

www.feg-inc.us

SITE PAVI	NG, GRADI (4 Ol		RAINAGE
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY

E WALLACE STREET

JAA

60' PUBLIC RIGHT-OF-WAY

 \times 96.5

JAA

	M. ABI-ACIL
DJECT NO. 22-010	FLORIDA ENGINEERING GROUP INC. CERTIFICATE No. EB-0006595
LE .	No 45128
1"= 20'	[*: * :*]
JUNE 23, 2023	STATE OF
C-22	AEAN WOABIA PURT E
ET 22 OF 50	License No. 40128

E. WALLACE STREET

 \times 96.3

DATUM: NGVD 1929

 \times 96.4

EX-29) [

 \times 96.8

SECTION B-B

EXISTING CONTROL STRUCTURE DETAIL (EX-29)

302.93′

JAA

1. REMOVE AND REPLACE 8' HDPE WITH 6' D.I.
2. ADD 8' DIAMETER HDPE 6 EL. 93.28 PER PLAN VIEW.

THIS ITEM HAS BEEN
ELECTRONICALLY SIGNED AND
SEALED BY (ENGINEER), P.E. ON
(DATE) USING A SHA-1
AUTHENTICATION CODE.

PRINTED COPIES OF THIS
DOCUMENT ARE NOT CONSIDERED
SIGNED AND SEALED AND THE SHAAUTHENTICATION CODE MUST BE

DETAIL
WEST SIDE OF STRUCTURE (SIDE VIEW)

top=96.33' -- inv(se)=92.03' (see detail above)

× 93×392.2 × 91.7

FOUND 3/4" IRON PIPE "NO IDENTIFICATION"

SET NAIL AND DISK "TRAV PT LB 7274" IN CONCRETE SIDEWALK

SITE BENCHMARK

ELEVATION = 93.38'

_4" PVC INV=94.50'

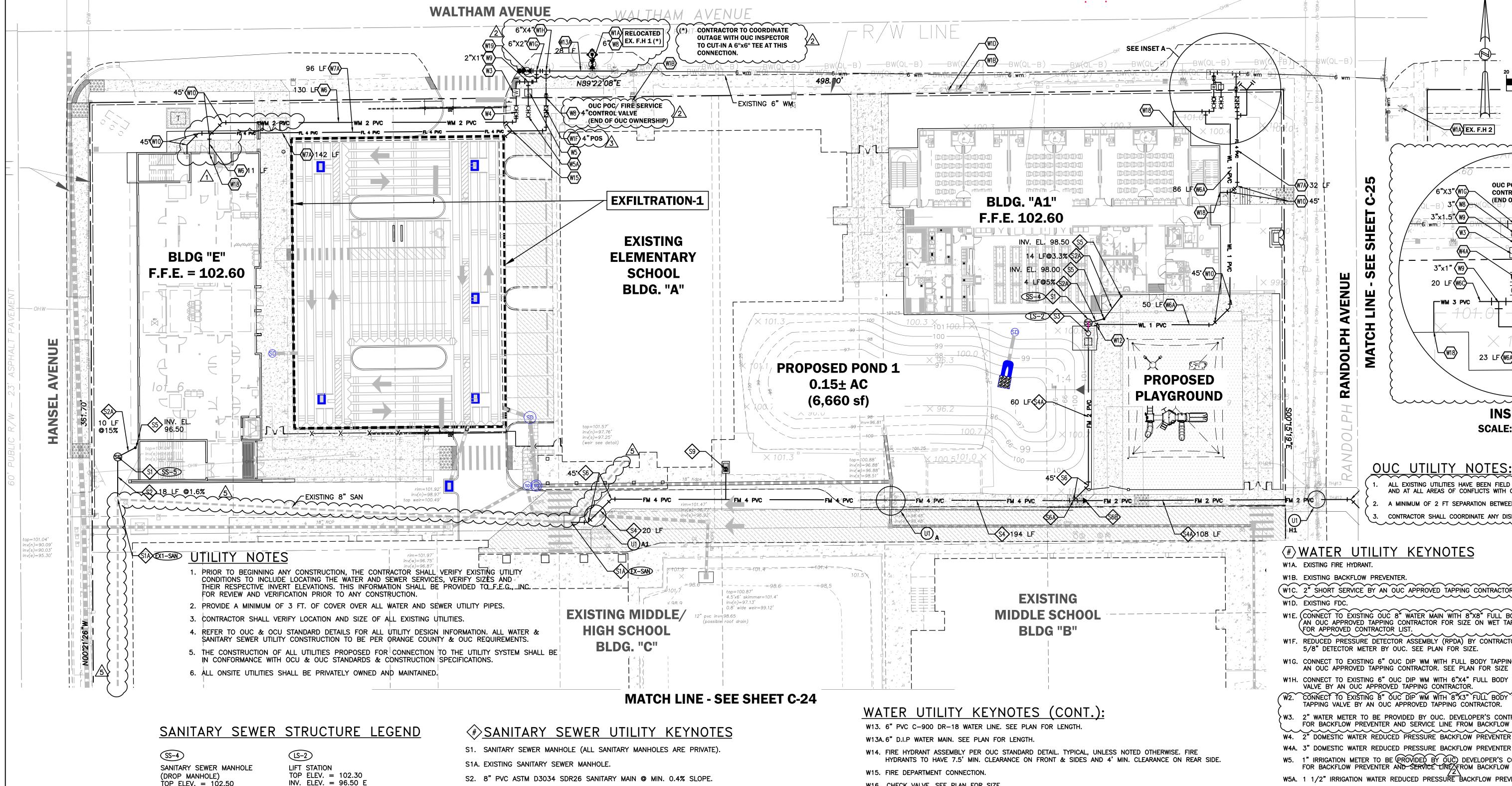
-6" PVC INV=93.95'

_ 6" PVC=

─ 4" PVC=

AUTHENTICATION CODE MUST BE
VERIFIED ON ANY ELECTRONIC
COPIES.

22-010_SitePGDPlan.dwg



TOP ELEV. = 102.50INV. ELEV. = 97.13 W

(FUTURE CONNECTION) INV. ELEV. = 97.03 S

INV. ELEV. = 97.80 NE EX1-SAN)

EXISTING SANITARY SEWER TOP ELEV. = 101.04INV. ELEV. = 94.60 E

(SS-5) SANITARY SEWER MANHOLE TOP ELEV. = 101.00INV. ELEV. = 95.00 S

INV. ELEV. = 94.58INV. ELEV. = 94.70 N (CORE DRILL)

SEAL COAT & RESTRIPE

NEW ASPHALT PAVEMENT

CONCRETE PAVEMENT

BRICK PAVER PAVEMENT

08/14/2023 $\sqrt{3}$ REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023 VP/MS JAA 08/15/2023 REVISED PER SJRWMD COMMENTS DATED 07/24/2023 VP/MS JAA VP/MS JAA 08/16/2023 REVISED PER OCU COMMENTS DATED 07/27/2023 08/17/2023 REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023 VP/MS JAA REVISED PER FDOT COMMENTS DATED 07/11/2023 08/17/2023 VP/MS JAA VP/MS JAA 10/09/2023 REVISED PER CITY COMMENTS DATED 10/04/2023 BY CHECKED DATE **REVISIONS**

S2A. 6" PVC ASTM D3034 SDR26 SANITARY LATERAL.

S3. PRIVATE SANITARY LIFT STATION. REFER TO SHEETS C-35 & C-36 FOR DETAILS.

S4. 4" PVC FORCE MAIN. FORCE MAIN SHALL HAVE A MINIMUM OF 3' OF COVER. SEE PLAN FOR LENGTHS.

S4A. 2" PVC FORCE MAIN. FORCE MAIN SHALL HAVE A MINIMUM OF 3' OF COVER. SEE PLAN FOR LENGTHS.

S5. SANITARY CLEANOUT TOP ELEVATION TO MATCH PROPOSED GRADE. SEE PLANS FOR INVERT.

S6. BEND W/ RESTRAINED JOINTS, TYPICAL. SEE PLAN FOR ANGLE.

S6A. 2"X4" WYE CONNECTION. S6B. 2"X4" REDUCER.

S7. GREASE INTERCEPTOR (SEE SHEET C-30 FOR DETAILS).

S8. EXISTING SANITARY PUMP. CONTRACTOR TO VERIFY.

S9. 1" AIR RELEASE VALVE.

W16. CHECK VALVE. SEE PLAN FOR SIZE.

W17. POST INDICATOR VALVE. SEE PLAN FOR SIZE.

W18. COORDINATE CONTINUATION WITH PLUMBING AND ARCHITECTURAL PLANS.

W19. PERMANENT BLOW-OFF PER OUC STANDARD.

SPECIFIC SANITARY NOTES:

- REWORKED TO PROVIDE A SMOOTH CHANNELIZED FLOW. FILL IN CHANNELS THAT WILL NOT BE USED AS A RESULT OF EXISTING SEWER PIPE REMOVAL.
- 2. ALL PLUMBING WORK SHALL EXTENDED TO 5FT. OUTSIDE OF THE BUILDING AND IS TO BE COORDINATED BETWEEN SITE AND BUILDING/ PLUMBING CONTRACTOR AS TO SIZE, LOCATION AND DEPTH BEFORE BEGINNING WORK.

INVERT CHANNEL AND BENCH OF THE MANHOLE INTO WHICH CONNECTIONS WILL BE MADE SHALL BE

- 3. THE GRAVITY SANITARY SEWER MAINS SHALL BE LAID AT CONSTANT SLOPE FROM MANHOLE TO MANHOLE.

VP

JAA

					M. ABI-ACIA
				PROJECT NO. 22-010	FLORIDA ENGINEERING GROUP, 1 CERTIFICATE NO. EB-0006395
SITE	UTILITY PL	AN (1 OF 4	!)	1"= 20'	No 45128
		,	,	JUNE 23, 2023	STATE OF
				SHEET NO.	100.V
O BY	DRAWN BY	CHECKED BY	APPROVED BY	1 C-23	ORID

W7A.	4" PVC C-900 I	DR-14 FIRE LINE.	LENGTH SEE PLAN.	FIRE CONSULTANT TO CON	FIRM SIZE PRIOR TO
	o" NO WATER 14	555 6116 674	ND 4 DD 0 0 0 0 0 1 1 1 1	FOR LENGTH	

W7B. 8" DIP WATER MAIN PER OUC STANDARDS. SEE PLAN FOR LENGTH.

W8. GATE VALVE. SEE PLAN FOR SIZE, TYPICAL.

W9. TEE. SEE PLAN FOR SIZE, TYPICAL.

W10. BEND W/ RESTRAINED JOINTS, TYPICAL. SEE PLAN FOR ANGLE.

W11. REDUCER. SEE PLAN FOR SIZE.

W12. HOSE BIB.

し-23

23 OF

JEAN MOABIAQUE, P.E. LICENSE NO 45128

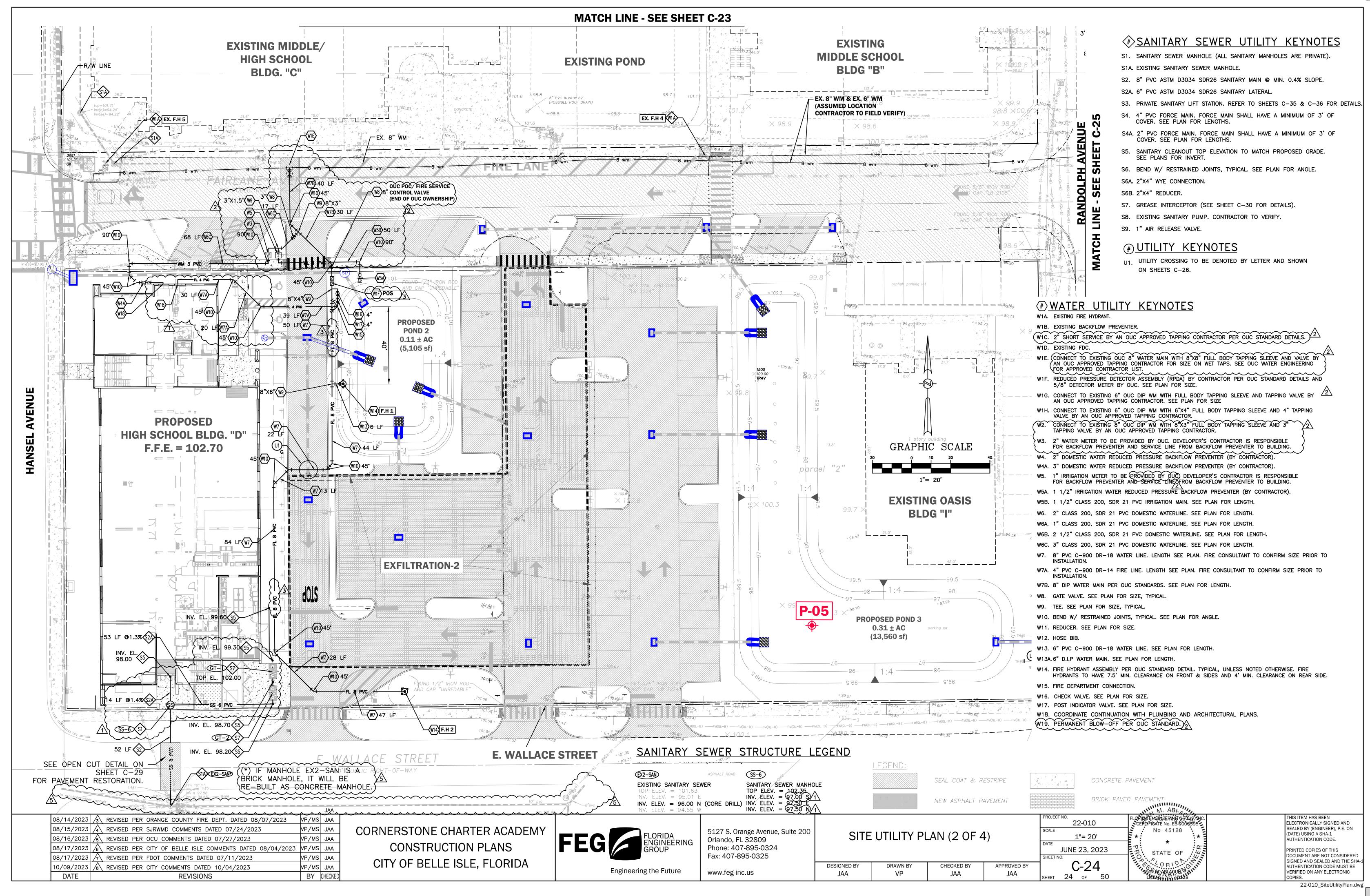
CORNERSTONE CHARTER ACADEMY CONSTRUCTION PLANS CITY OF BELLE ISLE, FLORIDA

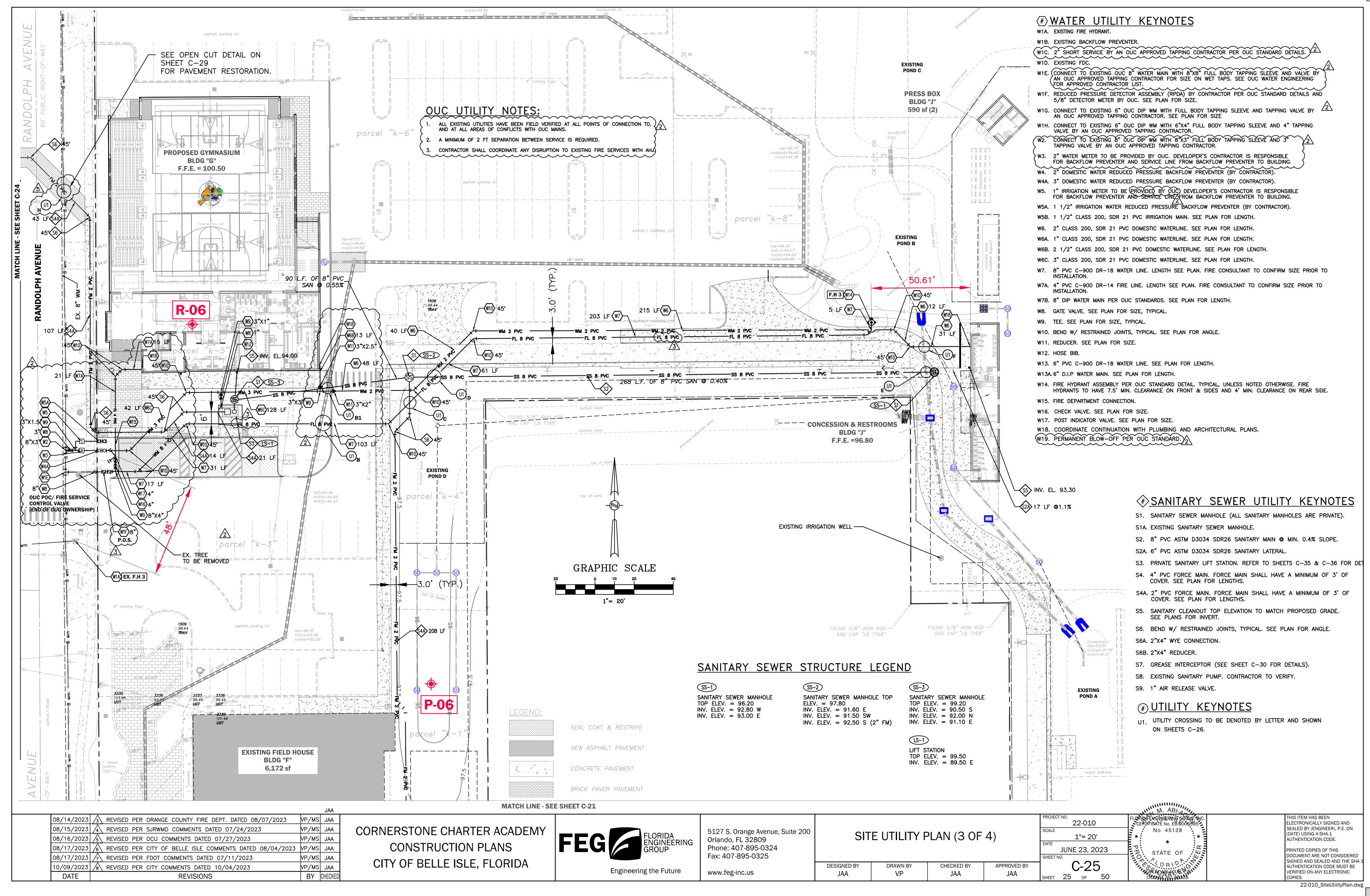
5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Engineering the Future

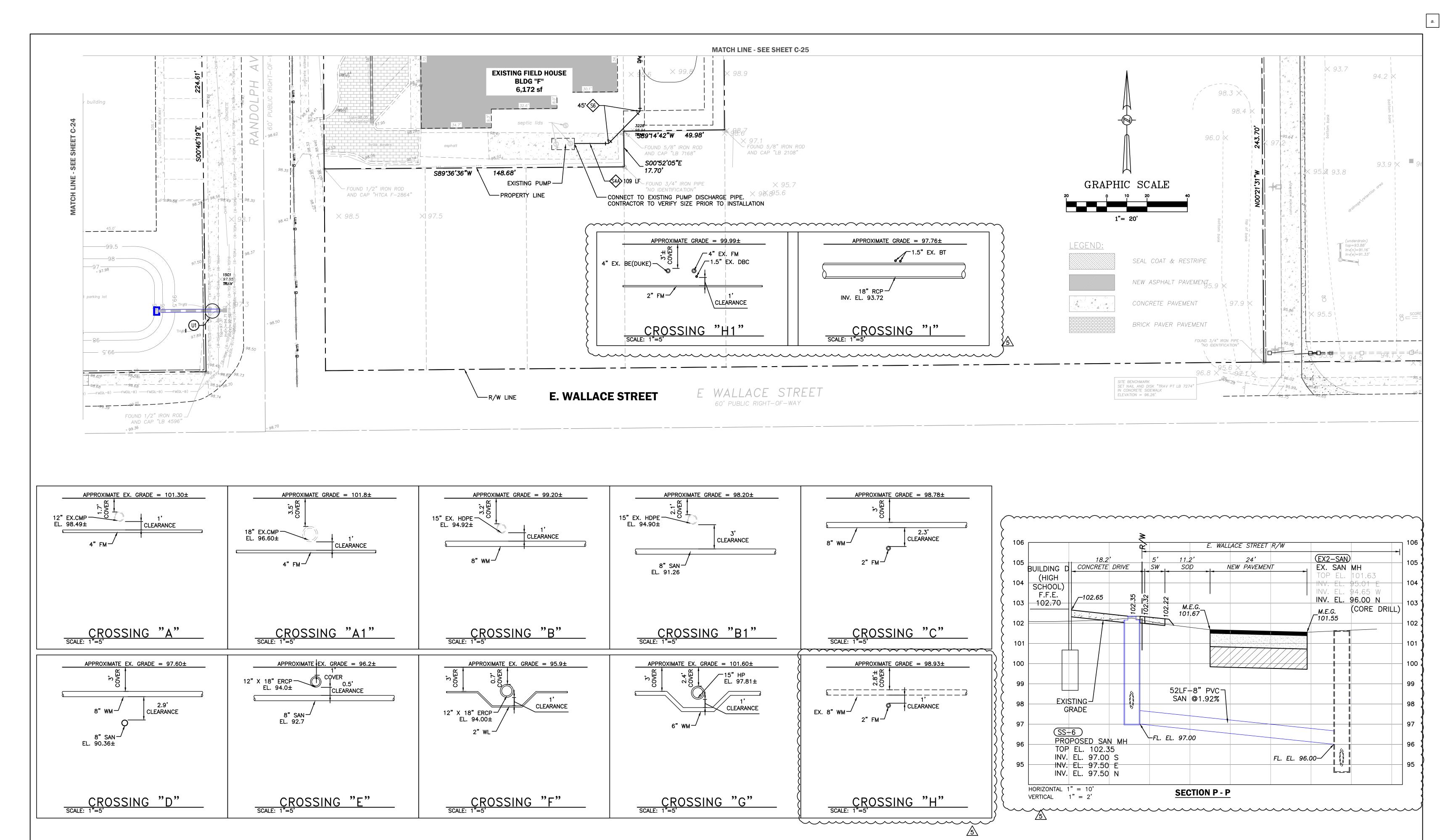
Phone: 407-895-0324 Fax: 407-895-0325 DESIGNED BY DRAWN BY www.feg-inc.us

JAA

22-010_SiteUtilityPlan.dwg







				0/ / \
08/14/2023	/3\	REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023	VP/MS	JAA
08/15/2023	4	REVISED PER SJRWMD COMMENTS DATED 07/24/2023	VP/MS	JAA
08/16/2023	<u>/</u> 5\	REVISED PER OCU COMMENTS DATED 07/27/2023	VP/MS	JAA
08/17/2023	<u>\</u>	REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023	VP/MS	JAA
08/17/2023		REVISED PER FDOT COMMENTS DATED 07/11/2023	VP/MS	JAA
10/09/2023	/8\	REVISED PER CITY COMMENTS DATED 10/04/2023	VP/MS	JAA
DATE		REVISIONS	BY	CHECKED

CORNERSTONE CHARTER ACADEMY CONSTRUCTION PLANS CITY OF BELLE ISLE, FLORIDA



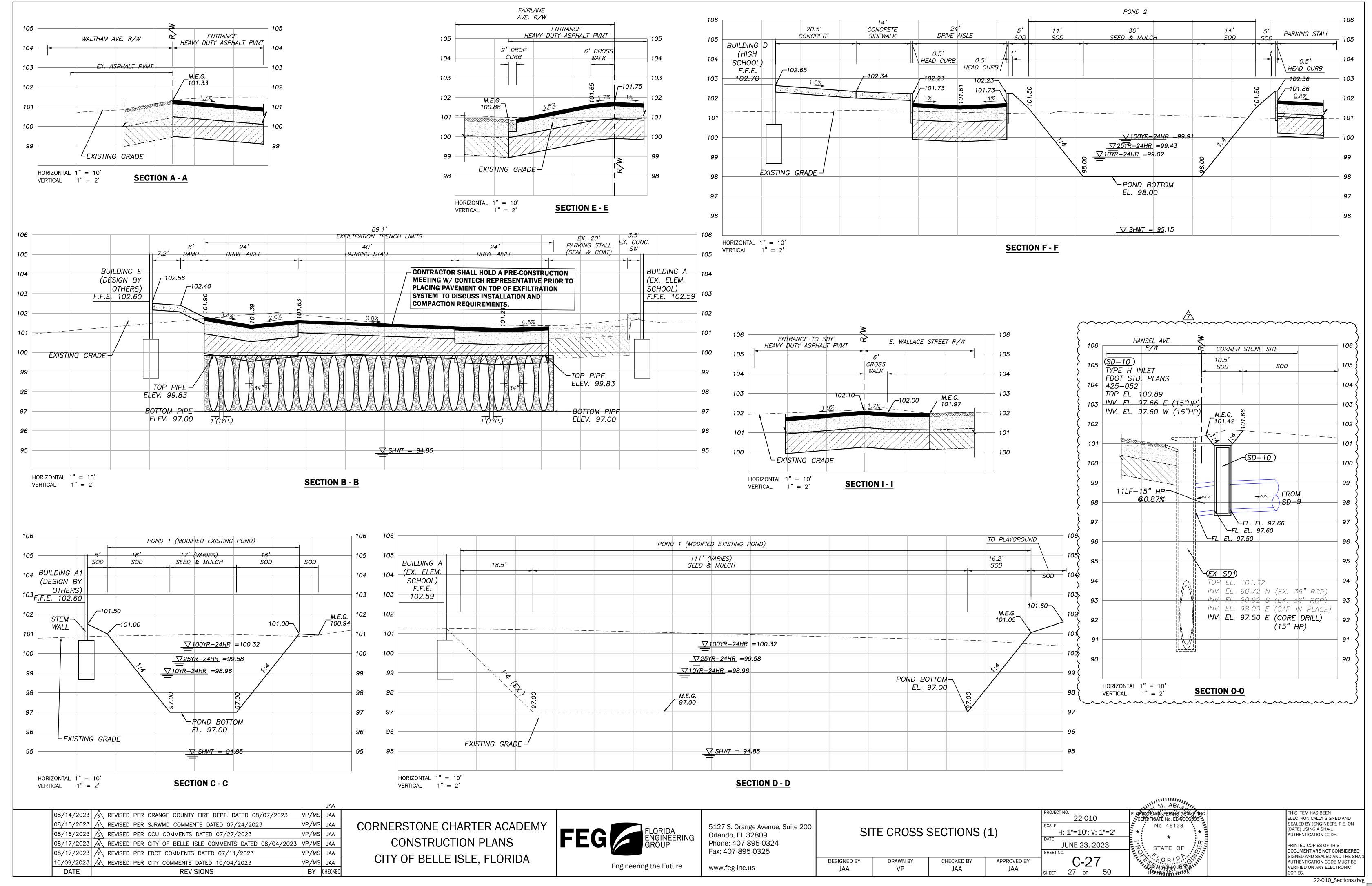
5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325 DESIGNED BY www.feg-inc.us

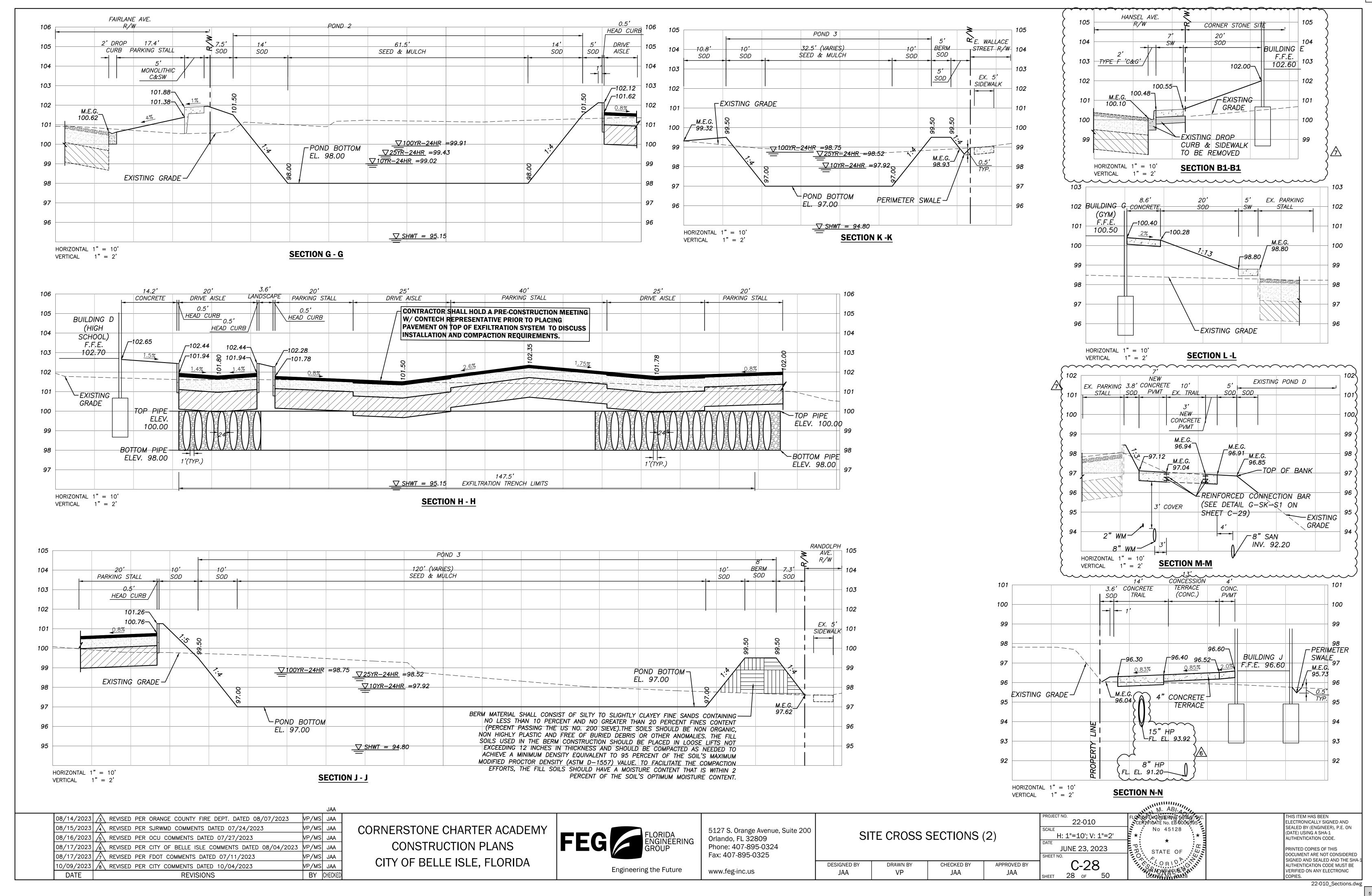
JAA

					M. ABI-A
				PROJECT NO. 22-010	FLORIDA ENGINEERING GROUP, 1NC. CERTIFICATE NO. EB-0006995
SIT	E UTILITY F	PLAN (4 OF	4)	SCALE AS SHOWN	No 45128 ★
		•	,	DATE JUNE 23, 2023	マ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・
				SHEET NO.	100.V
ED BY	DRAWN BY	CHECKED BY	APPROVED BY	1 C-26 I	ORIVIGILI
4	VP	JAA	JAA	SHEET 26 OF 50	LICENSE NO ABL28

ELECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDEREI SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC

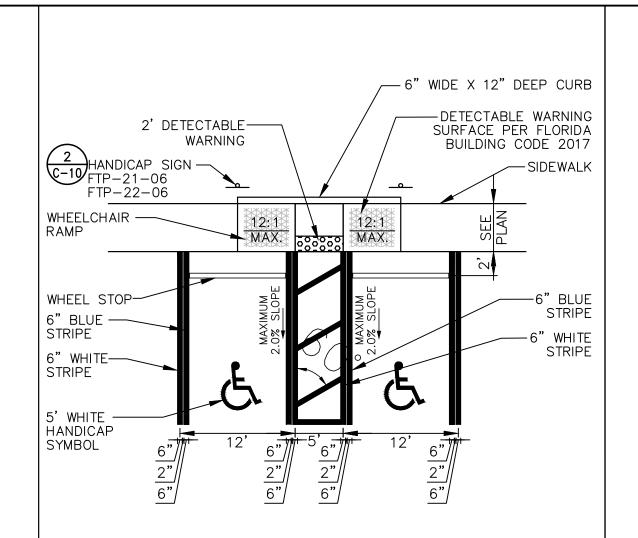
22-010_SiteUtilityPlan.dwg



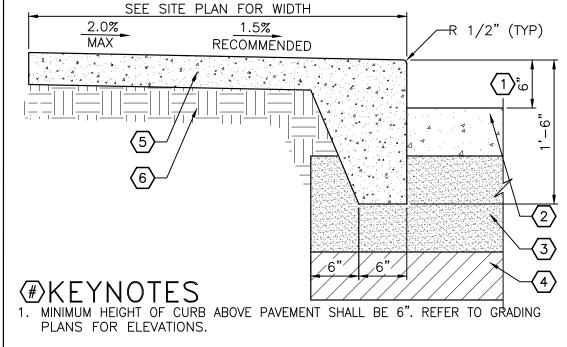


CURB-HEAD-DET.dwg

 \nearrow R 3/4" (TYP)

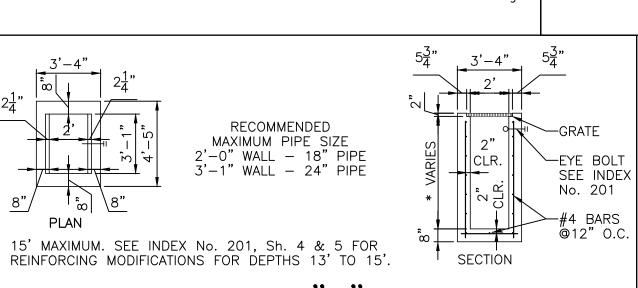


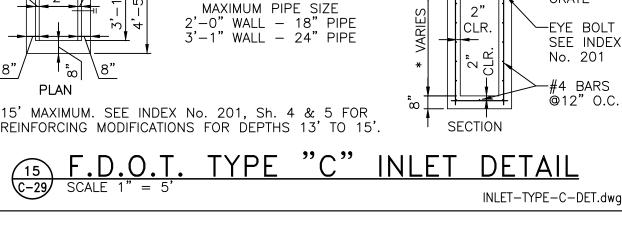
HANDICAP PARKING DETAIL C-29 SCALE 1" = 10'



- 2. PAVEMENT WEARING SURFACE. SEE PAVEMENT SECTION FOR DESIGN CRITERIA.
- 3. PAVEMENT BASE. SEE PAVEMENT SECTION FOR DESIGN CRITERIA.
- 4. PAVEMENT SUBBASE. SEE PAVEMENT SECTION FOR DESIGN CRITERIA.
- 5. 3000 PSI CONCRETE WITH FIBER MESH, TYPICAL . 6" COMPACTED SUB-GRADE TO @ LEAST 95% OF THE MODIFIED PROTOR MAXIMUM |
- DRY DENSITY VALUE (ASTM D-1557, AASHTO T-180)
- 7. SIDEWALK SHALL BE PICTURE FRAME WITH BROOM FINISH.

SIDEWALK WITH MONOLITHIC CURB, N.T.S. SW-MONO-CURB-CONC-PG.dwg





08/14/2023 REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023

REVISED PER SJRWMD COMMENTS DATED 07/24/2023

REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023 VP/MS JAA

REVISED PER OCU COMMENTS DATED 07/27/2023

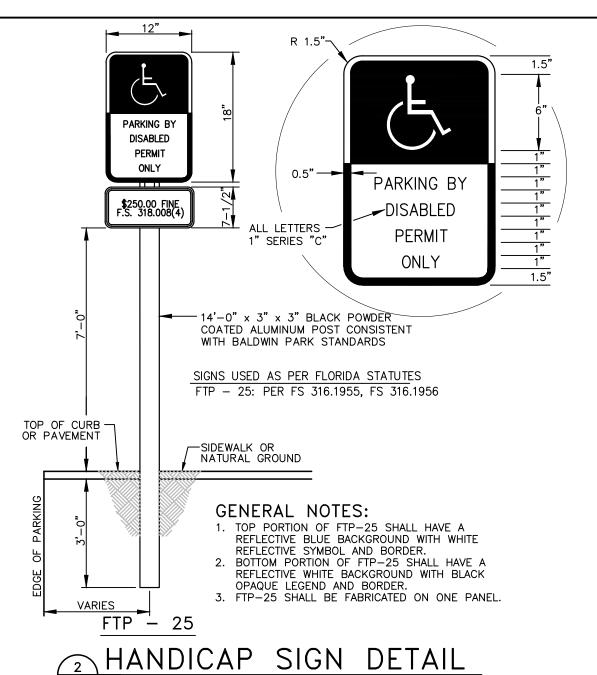
REVISED PER FDOT COMMENTS DATED 07/11/2023

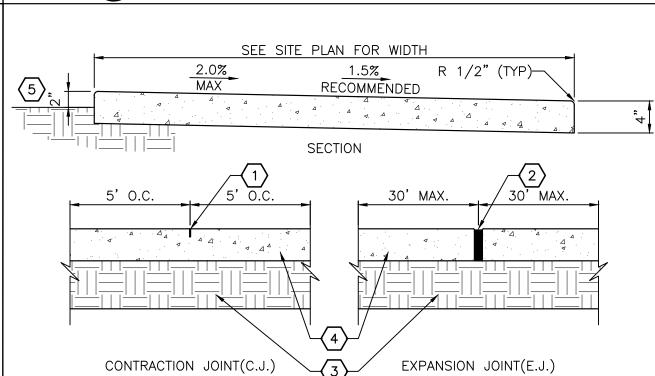
REVISIONS

REVISED PER CITY COMMENTS DATED 10/04/2023

10/09/2023

DATE





#KEYNOTES 1. 1" DEEP 1/8"R TOOLED JOINT.

- 2. PREMOLDED EXPANSION JOINT FILLER STRIP & JOINT SEALER W/1/8"R TOOLED EDGES. KEYNOTES
- 3. 6" COMPACTED SUBGRADE
- 4. 3000 P.S.I. CONC. W/FIBER MESH(TYP)
- 5. FINISHED GRADE (TYP.)

VP/MS JAA

VP/MS JAA

VP/MS JAA

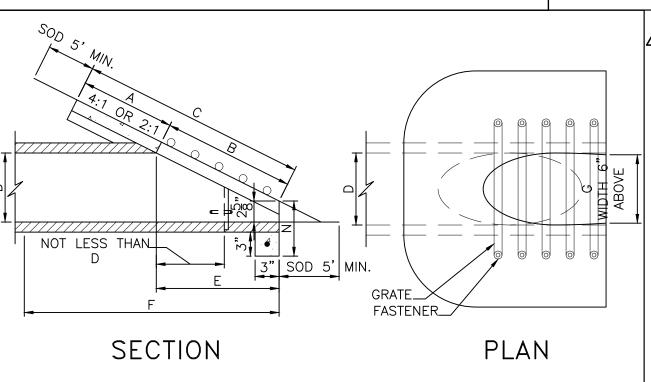
VP/MS JAA

VP/MS JAA

BY CHECKED

6. SIDEWALK SHALL BE PICTURE FRAME WITH BROOM FINISH.





. LETTERS REFER TO F.D.O.T. DESIGN STANDARDS "DIMENSIONS AND QUANTITIES CHART" INDEX NUMBER 272.

2. REFER TO F.D.O.T. INDEX No. 272 FOR ALL DESIGN CRITERIA, TYPICAL. 3. PLACEMENT OF ENTRANCE BARRIERS SHALL BE ACCORDING TO F.D.O.T. DESIGN STANDARDS.

F.D.O.T. MITERED END SECTION

Output

Output

Description:

Output

CORNERSTONE CHARTER ACADEMY Engineering the Future

MES-DET-PGD.dwg

5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325

SITE CONSTRUCTION DETAILS (1 OF 2)

G-SK-S1

DESIGNED BY

DRAWN BY

CHECKED BY

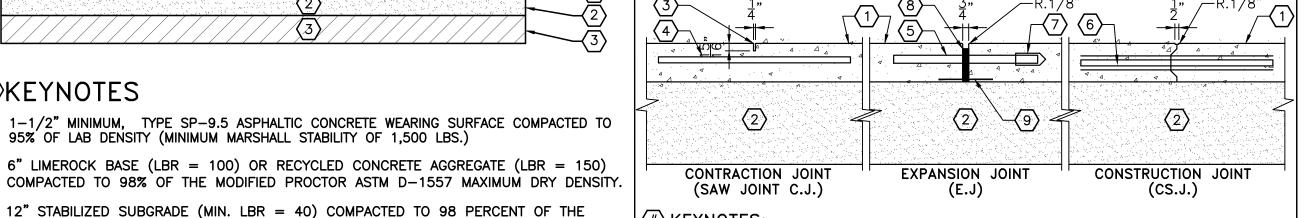
JAA

APPROVED BY

JAA

SECTION A-A

SW-HC-RAMP-FDOT-DET.dwg



KEYNOTES:

1 6" PORTLAND CEMENT CONCRETE, MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 P.S.I.

AIR ENTRAINED CONCRETE WITH FIBER MESH. (TYP.), 4" SLUMP MAXIMUM.

. 12" COMPACTED SUBGRADE TO 98% MAXIMUM DENSITY (AASHTO T-180) AND STABILIZED TO MIN. FBV 35 PSI.

SAW CUT JOINT

#5 X 2'-0" LONG @ 24" O.C.

1" X 1'-6" LONG SMOOTH DOWEL @ 18" O.C.

#5 X 2'-0" LONG @ 18" O.C.

METAL EXPANSION CAP. LUBRICATE AND CAP AT THIS END OF DOWEL

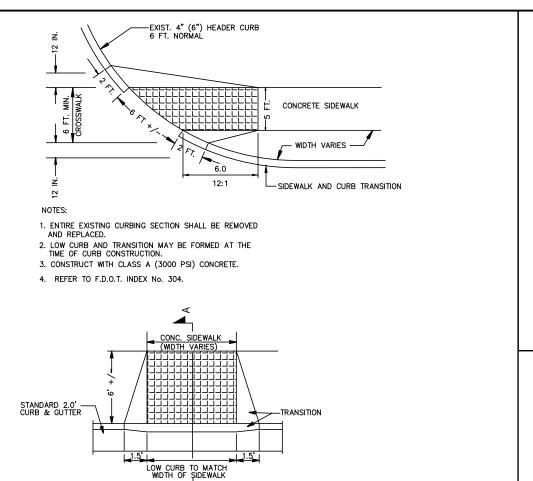
JOINT FILLER HOLD DOWN 1 1/4" FROM SURFACE

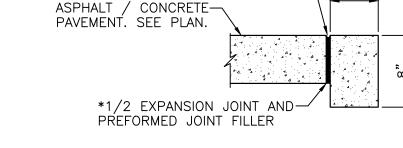
GEOTEXTILE FILTER FABRIC 18" WIDE MINIMUM.

NOTES:
1. PROVIDE 1/2" RADIUS ON ALL EXPOSED EDGES.

PROVIDE 1/2" PREMOLDED EXPANSION JOINT WHERE CONCRETE PAVEMENT ABUTS OTHER CONCRETE PAVEMENT STRUCTURES, LIGHT POLES, ETC.

<u>CONCRETE PAVEMENT DETA</u>IL ALTERNATIVE BID OVER EXFILTRATION SYSTEM





*JOINT SEAL

ASPHALT / CONCRETE-PAVEMENŤ. SEE PLAN.

*1/2" EXPANSION JOINT AND PÉRFORMED JOINT FILLER.

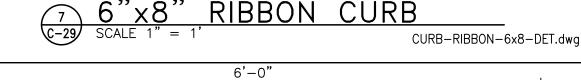
1. PROVIDE 1/8" CONTROL JOINTS @ 10' O.C.

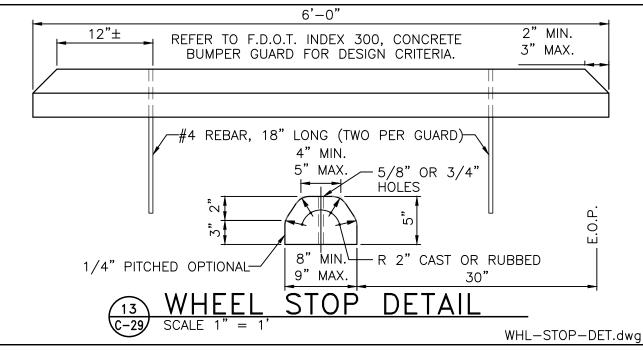
PAVEMENT, CURB AND ANY FIXED STRUCTURE.

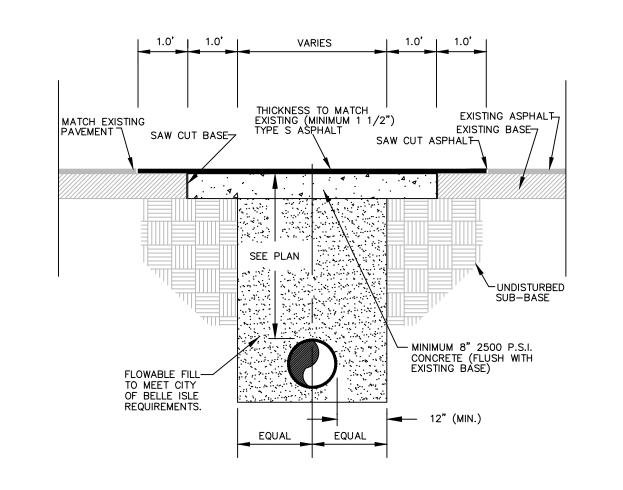
- 1. CONCRETE TO BE 3000 PSI WITH FIBER MESH.
- 2. PROVIDE 1/8" CONTROL JOINTS @ 10' O.C.
- 3. * PROVIDE EXPANSION JOINT WHERE CONCRETE CURB ABUTS PAVEMENT, CURB AND ANY FIXED STRUCTURE.

2. * PROVIDE EXPANSION JOINT WHERE CONCRETE CURB ABUTS CONCRETE

*JOINT SEAL







OPEN CUT DETAIL - ASPHALT

C-29 SCALE N.T.S.

FLORIDA ENGINEERING GROUP, CERTIFICATE No. EB-000659 No 45128 JUNE 23, 2023

22-010

N.T.S.

29

LECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERE SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE

CONSTRUCTION PLANS CITY OF BELLE ISLE, FLORIDA

www.feg-inc.us

30" HIGH INTENSITY REFLECTORIZED MATERIAL REFER TO MANUAL ON

DOME

SIGN-STOP-DET.dw

UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION

BE IN-LINE WITH

DIRECTION OF TRAVEL

ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE

(610 MM) FROM THE BACK OF CURB. COLOR RED.

#KEYNOTES

ASTM D-1557 MAXIMUM DRY DENSITY.

ASTM D-1557 MAXIMUM DRY DENSITY.

WARNING SURFACES THAT EXTEND THE FULL WIDTH OF

THE RAMP AND IN THE DIRECTION OF TRAVEL 24 INCHES

CURB RAMP DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP & IN THE DIRECTION OF TRAVEL 24" FROM THE

BACK OF CURB. DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED

BY TEXTURING A TRUNCATED DOME PATTERN IN CONFORMANCE W/ U.S. DEPARTMENT

. 1-1/2" MINIMUM, TYPE SP-9.5 ASPHALTIC CONCRETE WEARING SURFACE COMPACTED TO

2. 6" LIMEROCK BASE (LBR = 100) OR RECYCLED CONCRETE AGGREGATE (LBR = 150)

3. 12" STABILIZED SUBGRADE (MIN. LBR = 40) COMPACTED TO 98 PERCENT OF THE

ASPHALT PAVING LIGHT DUTY SECTION

1. 2" MINIMUM, TYPE SP-9.5 ASPHALTIC CONCRETE WEARING SURFACE COMPACTED TO

3. 12" STABILIZED SUBGRADE (MIN. LBR = 40) COMPACTED TO 98 PERCENT OF THE

ENTRANCE DRIVEWAY

BONDING AGENT,

REF: CIVIL DRAWINGS C-21 (06/23/2023)

CORNERSTONE CAMPUS

bec

DRIVEWAY SLAB TO REMAIN

11 ASPHALT PAVING HEAVY DUTY SECTION

2.8 LIMEROCK BASE (LBR = 100) OR RECYCLED CONCRETE AGGREGATE (LBR = 150)

COMPACTED TO 98% OF THE MODIFIED PROCTOR ASTM D-1557 MAXIMUM DRY DENSITY

95% OF LAB DENSITY (MINIMUM MARSHALL STABILITY OF 1,500 LBS.)

95% OF LAB DENSITY (MINIMUM MARSHALL STABILITY OF 1,500 LBS.)

SECTION 4.29.2. TRANSITION SLOPES ARE NOT TO HAVE DETECTABLE WARNINGS.

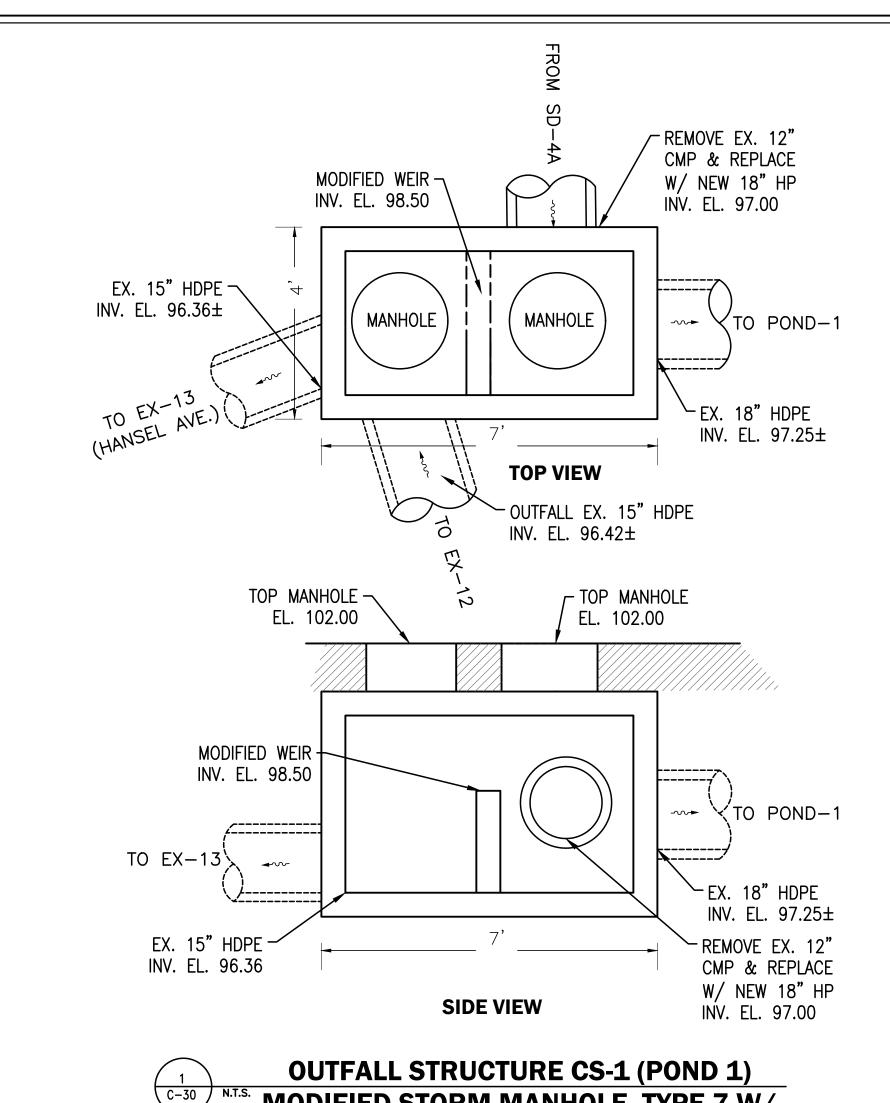
OF JUSTICE A.D.A. STANDARDS FOR ACCESSIBILITY DESIGN, A.D.A. ACCESSIBILITY GUIDELINES,

DETECABLE (7.35)

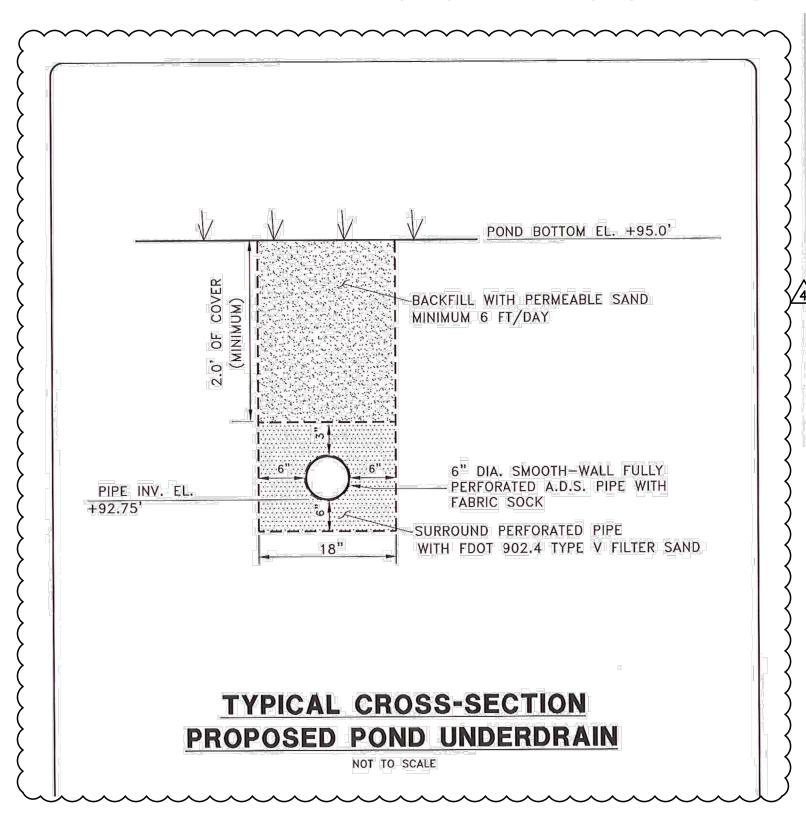
3 R1-1 STOP SIGN DETAIL
C-29 NOT TO SCALE

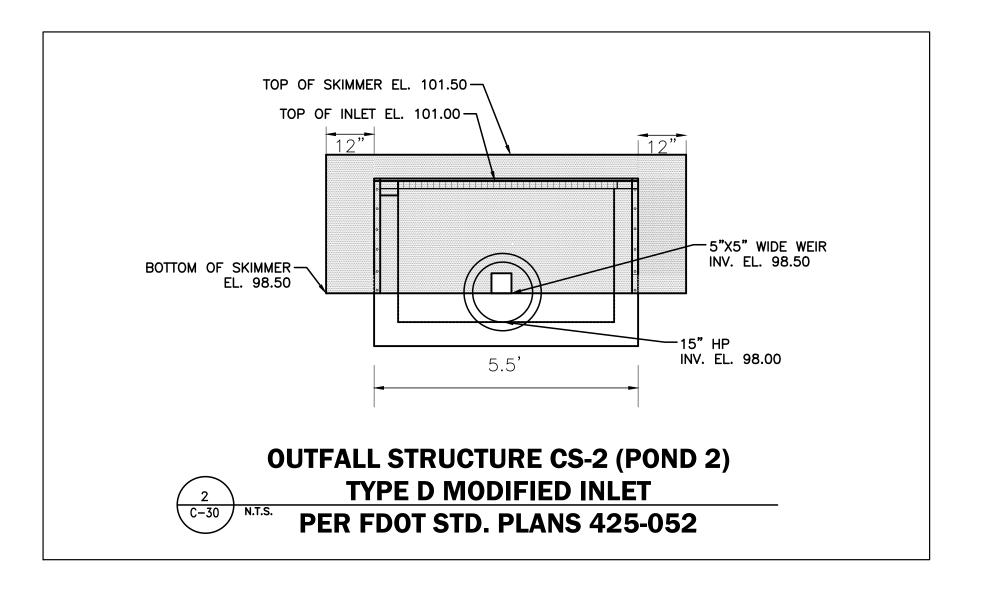
22-010_ConstructionDetails.dwg

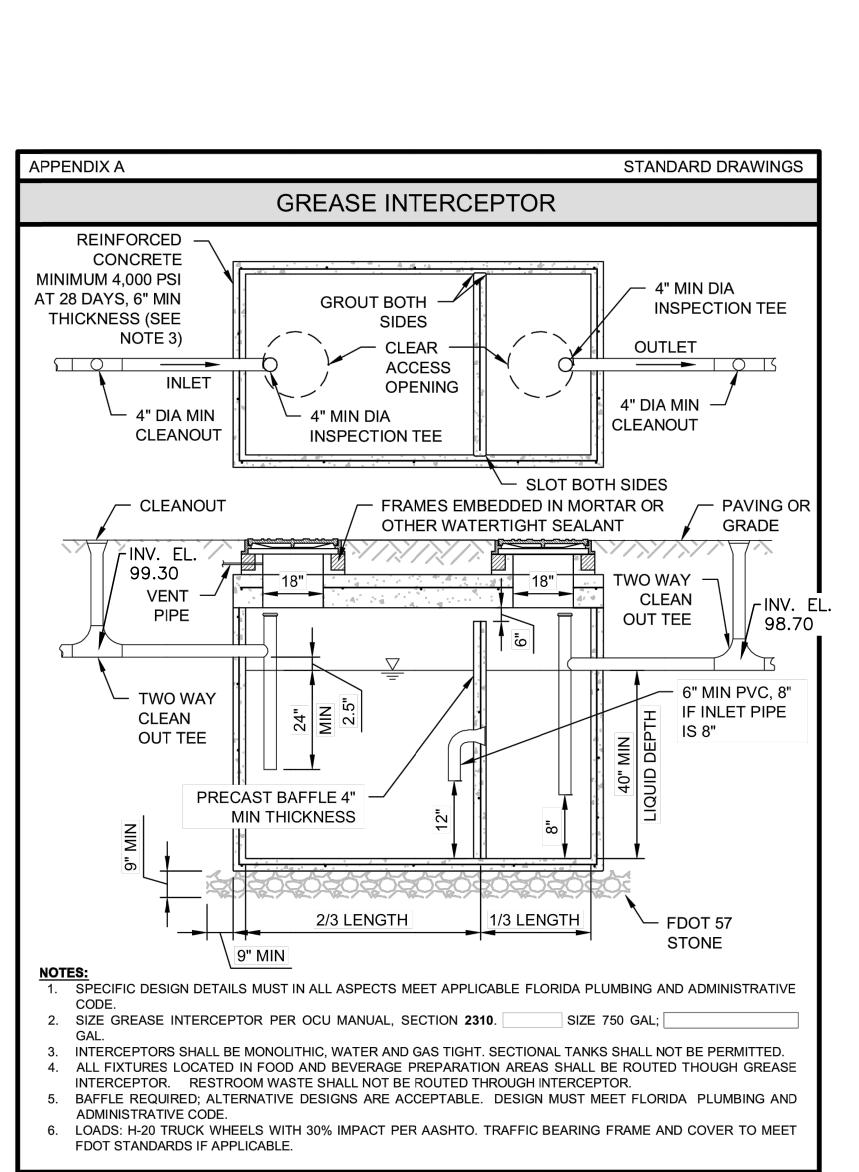
VERIFIED ON ANY ELECTRONIC



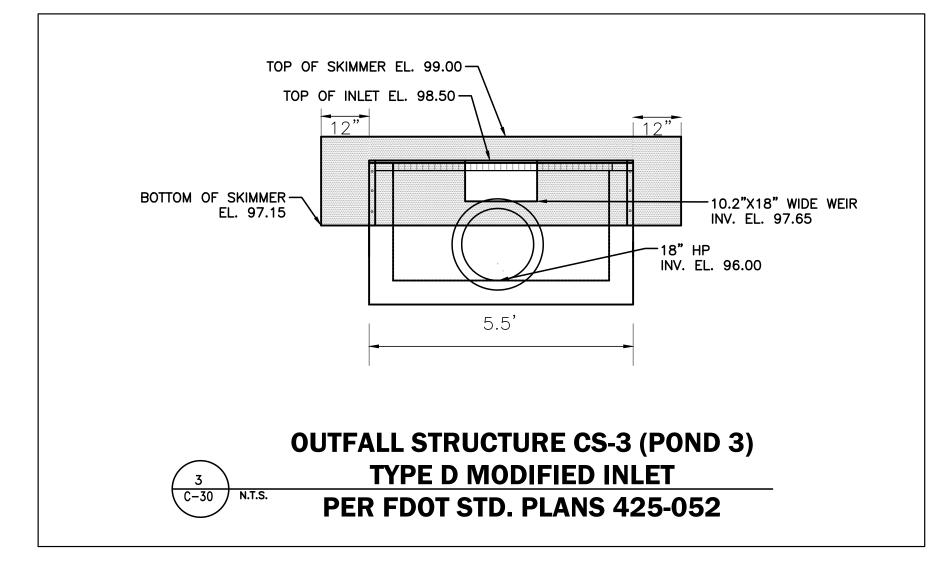
MODIFIED STORM MANHOLE TYPE 7 W/ **TYPE P BOTTOM PER FDOT STD PLANS**

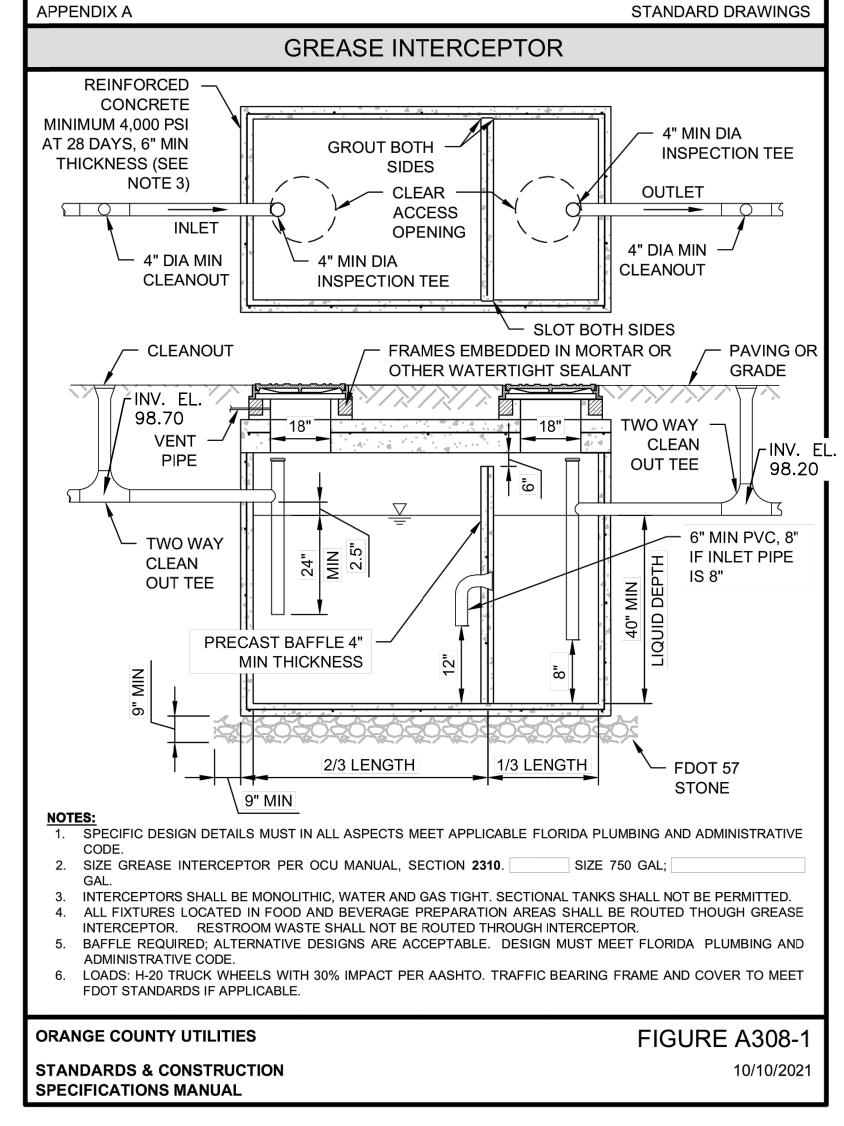






GT-1 **GREASE INTERCEPTOR** N.T.S.





GT-2
GREASE INTERCEPTOR

APPROVED BY

JAA

-				JAA	—
08/14/2023	/3\	REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023	VP/MS	JAA	
08/15/2023	4	REVISED PER SJRWMD COMMENTS DATED 07/24/2023	VP/MS	JAA	
08/16/2023	<u>\</u> 5	REVISED PER OCU COMMENTS DATED 07/27/2023	VP/MS	JAA	
08/17/2023	6	REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023	VP/MS	JAA	
08/17/2023		REVISED PER FDOT COMMENTS DATED 07/11/2023	VP/MS	JAA	
10/09/2023	\ <u>\</u>	REVISED PER CITY COMMENTS DATED 10/04/2023	VP/MS	JAA	
DATE		REVISIONS	BY	CHECKED	

CORNERSTONE CHARTER ACADEMY CONSTRUCTION PLANS CITY OF BELLE ISLE, FLORIDA

ORANGE COUNTY UTILITIES

SPECIFICATIONS MANUAL

STANDARDS & CONSTRUCTION



5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325

www.feg-inc.us

FIGURE A308-1

10/10/2021

DESIGNED BY

SITE CONSTRUCTION DETAILS (2 OF 2)

CHECKED BY

JAA

DRAWN BY

N.T.S. FLORIDA ENGINEERING GROUP, CERTIFICATE NO. EB-0006595 22-010 No 45128 N.T.S. JUNE 23, 2023 C-30 неет 30

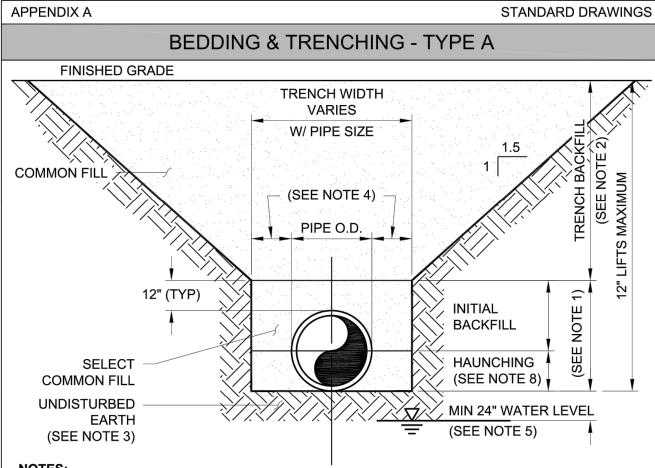
ELECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERE SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC

STANDARD DRAWINGS

FIGURE A104-2

STANDARD DRAWINGS

10/10/2021



- INITIAL BACKFILL AND HAUNCHING: SELECT COMMON FILL COMPACTED TO MIN 95% (98% UNDER PAVEMENT OR FUTURE PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO
- 2. TRENCH BACKFILL: COMMON FILL COMPACTED TO MIN 95% (98% UNDER PAVEMENT OR FUTURE PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180. 3. PIPE BEDDING UTILIZING SELECT COMMON FILL IN ACCORDANCE WITH "TYPE B" BEDDING
- AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY UTILITIES. 4. 15-IN MAX. (12-IN MIN.) FOR PIPE DIAMETER LESS THAN 24-IN AND 24-IN MAX (12-IN MIN) FOR PIPE DIAMETER 24-IN AND LARGER
- 5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION. DEWATERING AS REQUIRED.
- 6. ALL PIPE SHALL BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE
- FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES. SURFACE RESTORATION WITHIN ORANGE COUNTY RIGHT-OF-WAY SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS AND ROAD CONSTRUCTION SPECIFICATIONS.
- FOR GRAVITY SEWER, THE FIRST LIFT SHALL BE PLACED TO THE SPRING LINE OF THE PIPE AND COMPACTED BY HAND TAMP CONTRACTOR SHALL USE BEDDING AND TRENCHING - TYPE B DETAIL FOR OVER

EXCAVATION AND WHEN UNSUITABLE MATERIALS ARE ENCOUNTERED IN THE **EXCAVATION**

ORANGE COUNTY UTILITIES STANDARDS & CONSTRUCTION

SPECIFICATIONS MANUAL

FIGURE A101 10/10/2021

APPENDIX A STANDARD DRAWINGS PIPE LOCATING WIRE **LOCATING WIRE** FINISHED GRADE NYLON STRAP TO BE LOOPED AROUND LOCATE WIRE WATER. WASTEWATER. OR RECLAIMED MAIN FIRE HYDRANT PERMANENT SPLICE (SEE LOCATING WIRE NOTES 5 & 6) CONNECTOR (SEE NOTE 5) **LOCATING WIRE** & ID TAG (SEE NOTE 7) (TYP) KNOT (TYP WIRE CONNECTOR (SEE NOTE 5) (TYP) LOCATING NYLON STRAPS - 3 PER JOINT (SEE NOTE 1)

ALL PIPE SHALL REQUIRE INSULATED LOCATING WIRE (10 GAUGE SOLID COPPER) CAPABLE OF DETECTION BY A CABLE LOCATOR AND SHALL BE WRAPPED WITH NYLON STRAPS, LOOPED AND SECURED TO TOP CENTERLINE OF THE PIPE.

- LOCATING WIRE SHALL BE CONTINUOUS INSIDE VALVE BOXES AND SHALL EXTEND 12-IN ABOVE TOP OF COLLAR.
- WIRE INSULATION SHALL BE COLOR CODED FOR THE TYPE OF PIPE BEING INSTALLED. WIRE SHALL BE CONTINUOUS AND CONNECTED FOR LOCATING IN ALL DIRECTIONS. PERMANENT SPLICES MUST BE MADE IN THE LENGTH OF THE WIRE USING WIRE
- CONNECTORS SPECIFICALLY DESIGNED FOR DIRECT BURIAL, DIELECTRIC SILICONE GEL OR MOISTURE-RESISTANT GREASE FILLED. 6. AT ALL TRACING WIRE SPLICES, TEES, AND VALVE COLLARS, A KNOT IN THE WIRE
- SHALL BE MADE TO PREVENT THE WIRE FROM COMING APART. 7. REFER TO VALVE DETAILS FOR LOCATE WIRE UP AND IN VALVE BOX.

FIGURE A114 ORANGE COUNTY UTILITIES **STANDARDS & CONSTRUCTION**

REVISED PER FDOT COMMENTS DATED 07/11/2023

REVISED PER CITY COMMENTS DATED 10/04/2023

08/17/2023

10/09/2023

DATE

SPECIFICATIONS MANUAL 08/14/2023 /3\ REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023 VP/MS JAA VP/MS JAA 08/15/2023 REVISED PER SJRWMD COMMENTS DATED 07/24/2023 VP/MS JAA 08/16/2023 REVISED PER OCU COMMENTS DATED 07/27/2023 6\ REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023 VP/MS JAA 08/17/2023

REVISIONS

APPENDIX A STANDARD DRAWINGS BEDDING & TRENCHING - TYPE B FINISHED GRADE TRENCH WIDTH VARIES W/ PIPE SIZE **COMMON FILL** (SEE NOTE 4) PIPE O.D. 12" (TYP) INITIAL BACKFILL (SEE NOTE 1) SELECT COMMON FILL **HAUNCHING** (SEE NOTE 8) **BEDDING MATERIAL** (SEE NOTE 10) BEDDING (SEE NOTES 9 & 10) **↓** UNDISTURBED EARTH /////MIN 24" WATER LEVEL

APPENDIX A

(SEE NOTE 5) 1. INITIAL BACKFILL: SELECT COMMON FILL COMPACTED TO MIN 95% (98% UNDER PAVEMENT

- OR FUTURE PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180. 2. TRENCH BACKFILL: COMMON FILL COMPACTED TO MIN 95% (98% UNDER PAVEMENT OR FUTURE PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
- 3. PIPE BEDDING UTILIZING SELECT COMMON FILL IN ACCORDANCE WITH "TYPE B" BEDDING AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY UTILITIES.
- 4. 15-IN MAX. (12-IN MIN.) FOR PIPE DIAMETER LESS THAN 24-IN AND 24-IN MAX (12-IN MIN) FOR PIPE DIAMETER 24-IN AND LARGER. 5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION. DEWATERING
- AS REQUIRED. 6. ALL PIPE SHALL BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE
- FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES. SURFACE RESTORATION WITHIN ORANGE COUNTY RIGHT-OF-WAY SHALL COMPLY WITH REQUIREMENTS OF R/W UTILIZATION REGULATIONS AND ROAD CONSTRUCTION SPECIFICATIONS.
- 8. FOR GRAVITY SEWER, THE FIRST LIFT SHALL BE PLACED TO THE SPRING LINE OF THE PIPE AND COMPACTED BY HAND TAMP.
- 9. BEDDING DEPTH SHALL BE 4-IN MINIMUM FOR PIPE DIAMETER UP TO 12-IN AND 6-IN MINIMUM FOR PIPE DIAMETER 16-IN AND LARGER 10. DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF REQUIRED BEDDING MATERIAL BELOW THE PIPE. UTILITIES SHALL DETERMINE REMOVAL OF

ORANGE COUNTY UTILITIES FIGURE A102 STANDARDS & CONSTRUCTION 10/10/2021 SPECIFICATIONS MANUAL

UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION IN THE FIELD.

APPENDIX A STANDARD DRAWINGS HORIZONTAL PIPELINE SEPARATION REQUIREMENTS

HORIZONTAL SEPARATION REQUIREMENTS (NOTES 1 & 2)

PROPOSED UTILITY		POTABLE WATER (NOTE 3)		RECLAIMED WATER MAIN (SEE NOTE 7)		WASTEWATER FORCEMAIN		SANITARY SEWER	STORM SEWER	STRUCTURAL FOUNDATION, WALLS, ETC. (SEE NOTE 8)
		4"-12"	16"-UP	4"-12"	16"-UP	4"-12"	16"-UP	ALL SIZES	ALL SIZES	ALL SIZES
POTABLE WATER	4"-12"	3'	5'	3'	5'	6'	6'	6'	3'	10'
(NOTE 3)	16"-UP	5'	5'	5'	5'	6'	6'	6'	5'	15' (NOTE 5)
RECLAIMED WATER MAIN	4"-12"	3'	5'	3'	5'	3'	5'	3'	3'	10'
(SEE NOTE 7)	16"-UP	5'	5'	5'	5'	5'	5'	5'	5'	15' (NOTE 5)
WASTEWATER	4"-12"	6'	6'	3'	5'	3'	5'	3'	3'	10'
FORCEMAIN	16"-UP	6'	6'	5'	5'	5'	5'	5'	5'	15' (NOTE 5)
SANITARY SEWER	ALL SIZES	6'	6'	3'	5'	3'	5'	3'	5'	VARIES PER DEPTH

1. DISTANCES GIVEN ARE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE.

ORANGE COUNTY UTILITIES

VP/MS JAA

VP/MS JAA

BY CHECKED

STANDARDS & CONSTRUCTION **SPECIFICATIONS MANUAL**

- 2. THIS SEPARATION REQUIREMENT IS TO PROVIDE ACCESSIBILITY FOR CONSTRUCTION AND MAINTENANCE. FOR PIPES INSTALLED AT GREATER DEPTHS THAN THE MINIMUM OCU DESIGN STANDARDS, PROVIDE AN ADDITIONAL FOOT OF SEPARATION FOR EACH ADDITIONAL FOOT OF DEPTH. 3. THIS SEPARATION REQUIREMENT COMPLIES WITH THE MINIMUM FDEP SEPARATION REQUIREMENTS OUTLINED IN 62-555.314, FAC. VARIANCES FROM THE FDEP REQUIREMENTS MUST COMPLY WITH
- INSTALLATION. 4. NO WATER PIPE SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF SANITARY OR STORM WATER MANHOLE OR STRUCTURE.

62-555.314(5), FAC AND MUST BE APPROVED INDIVIDUALLY BY BOTH FDEP AND UTILITIES PRIOR TO

- PRESSURE MAINS 16-IN TO 24-IN MAY HAVE 10-FT SEPARATION FROM STRUCTURAL FOUNDATION, WALLS, ETC IF NEW MAINS ARE RESTRAINED FOR THE ENTIRE LENGTH.
- REFERENCE FIGURE A116-2 FOR VERTICAL PIPELINE SEPARATION REQUIREMENTS RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
- ADDITIONAL SEPARATION SHALL BE REQUIRED BY UTILITIES FOR CONSTRUCTION OF, INCLUDING, BUT NOT LIMITED TO: LIVE LOADS, MULTI-STORY COMMERCIAL BUILDINGS, SUPERSTRUCTURES,

EMBANKMENTS, RETAINING WALLS, BRIDGES, RAILROADS, HIGH VOLTAGE TRANSMISSION MAINS, GAS

CORNERSTONE CHARTER ACADEMY CONSTRUCTION PLANS

CITY OF BELLE ISLE, FLORIDA



FIGURE A116-1

5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325

ORANGE COUNTY UTILITY DETAILS (1 OF 2)

APPROVED BY DESIGNED BY DRAWN BY CHECKED BY JAA

THE CONTRACTOR SHALL EXERCISE EXTREME CALITION WHEN EXCAVATING IN PROXIMITY OF INCLUDING BUT NOT LIMITED TO: WATER MAINS, WASTEWATER FORCE MAINS, GRAVITY MAINS, RECLAIMED WATER MAINS,

OCU GENERAL NOTES

FITTINGS SHALL HAVE RESTRAINED JOINTS UNLESS OTHERWISE

2. INSTALL FULL LENGTH JOINTS WITH TOTAL LENGTH EQUAL TO OR

WHERE TWO OR MORE FITTINGS ARE IN SERIES, SELECT FITTING

WHERE INTERNAL RESTRAINED JOINTS ARE USED, THE ENTIRE BELL

LENGTHS SHOWN IN THE TABLE WERE CALCULATED IN ACCORDANCE

WITH PROCEDURES OUTLINED IN "THRUST RESTRAINT DESIGN FOR

THE DESIGN ENGINEER SHALL INCREASE THE VALUES IN THE TABLE AS

90° BENDS ON VERTICAL PIPE ARE SUBJECT TO REVIEW AND APPROVAL

IF 4-IN THRU 20-IN PIPE IS POLYETHYLENE ENCASED, USE 1.25 MULTIPLIER

RESTRAINING REQUIREMENTS APPLY TO BOTH EXISTING AND PROPOSED

WARRANTED BY SITE-SPECIFIC PARAMETERS, SUCH AS SOIL

DUCTILE IRON PIPE" GUIDELINES PUBLISHED BY DIPRA. USING THE

RESTRAINT LENGTH THAT YIELDS THE LONGEST RESTRAINT DISTANCE.

GREATER THAN LENGTH SHOWN IN THE TABLE.

ALL INLINE VALVES SHALL BE RESTRAINED.

WORKING PRESSURE: 150 PS

DESIGNATIONS AND LAYING CONDITIONS

SOIL DESIGNATION: SM (SAND SILT)

SHALL BE PAINTED RED.

ASSUMPTIONS SHOWN BELOW:

LAYING CONDITIONS:

DEPTH OF COVER:

SAFETY FACTOR:

OF UTILITIES.

MAINS.

ON RESTRAINT LENGTH.

ELECTRIC, GAS, CABLE TV, TELECOMMUNICATIONS, STORM WATER, FIBER OPTIC AND OTHER UNDERGROUND FIELD VERIFYING EXISTING UTILITY LOCATIONS. SHOULD A PIPE EMERGENCY OCCUR, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OCU DISPATCH

RESTRAINED VERTICAL PIPE - WATER, WASTEWATER FORCE, & RECLAIMED WATER MAINS (150 PSI)

PROFILE VIEW

LOWER BEND

PER HORIZONTAL TABLE

APPENDIX A

(MIN) (SEE FIG **A104-1**)

INDICATED

PER VERTICAL TABLE

UPPER BEND

DIRECTION CHANGE

MINIMUM LENGTH (FT) TO BE RESTRAINED ON EACH SIDE OF FITTING(S)

ANGLE OF

DIRECTION CHANGE

STANDARD DRAWINGS

EXISTING

BACK OF BELL

AND SPIGOT

KNOT IN WIRE

JOINT (TYP)

RESILIENT SEAT

(SEE NOTE 1)

RESTRAINED MECHANICAL

TAPPING GATE VALVE

SPLICE NEW WIRE W/

WATERPROOF WIRE

MIN 8" FDOT

#57 STONE

FIGURE A121-2

10/10/2021

(SEE NOTE 3

INSERTION LINE

LOCATING WIRE

MIN 8" FDOT

#57 STONE

(SEE NOTE 3)

ANGLE OF

PVC AND DUCTILE IRON PIPE SIZE (IN)

43 | 59 | 78 | 109 | 139 | 167 | 277 | 330 | 415 | 424 | 465 | 506 | 529 | 55

| 32 | 45 | 58 | 69 | 115 | 137 | 172 | 176 | 193 | 210 | 219 | 229

7 | 9 | 14 | 17 | 21 | 21 | 23 | 25 | 26 | 28

DEPTH VARIES (<)

TYPE

90° BEND

45° BEND

22-1/2° BEND

11-1/4° BEND

5 5/8° BEND OR MJ SLEEVE

MJ TAPPING SLEEVE & GATE VALVE ASSEMBLY WITH PLUG VALVE FOR WASTEWATER

V-CUT FOR

PROFILE

NOTES:

1. TAPPING GATE VALVE TO BE INSTALLED HORIZONTALLY AND ABANDONED IN THE OPEN

2. TAPPING SLEEVE INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 3117-SYSTEM

BEDDING ROCK SHALL BE FULLY AND UNIFORMALLY SUPPORTING THE TAPPING SLEEVE

SPLICE NEW WIRE W/

WATERPROOF WIRE NUT

RESILIENT SEAT

TAPPING GATE

MJ TAPPING SLEEVE

ORANGE COUNTY UTILITIES

SPECIFICATIONS MANUAL

APPENDIX A

STRAP

MECHANICAL

VALVE BOX

ALIGNMENT

STABILIZER

RESTRAINED

MECHANICAL

JOINT PLUG

CONNECTIONS.

ORANGE COUNTY UTILITIES

SPECIFICATIONS MANUAL

www.feg-inc.us

STANDARDS & CONSTRUCTION

RING OR

(SEE FIG A111)

STANDARDS & CONSTRUCTION

OPERATOR (407-836-2777) AND THE OCU INSPECTOR. THE CONTRACTOR SHALL NOTIFY THE OCU CONSTRUCTION INSPECTION SECTION, FIELD SERVICES DIVISION AT

- LEAST 10 CALENDAR DAYS PRIOR TO COMMENCEMENT OF THE CONSTRUCTION PROJECT BY CALLING (407) "UTILITIES' SCHEDULE OF NOTIFICATIONS IN THIS MANUAL
- THE MATERIALS, PRODUCTS, AND CONSTRUCTION OF ALL UTILITIES CONNECTING TO THE OCU SYSTEM SHALL BE IN CONFORMANCE WITH THE STANDARDS, CONSTRUCTION SPECIFICATIONS, AND APPENDIX D IN THIS MANUAL. ALL EXISTING UTILITIES INCLUDING BUT NOT LIMITED TO; WATER MAINS, FORCE MAINS, RECLAIMED WATER MAIN. SANITARY GRAVITY PIPES. STORM WATER PIPES, ELECTRIC, TELEPHONE, GAS, POLES AND STAYS, CABLE TV AND
- OTHER UTILITY FACILITIES WITHIN THE LIMITS OF THE PROJECT WILL BE SUPPORTED AND PROTECTED AGAINST THE CONTRACTOR SHALL ADJUST ALL EXISTING OCU MAINS AND FACILITIES IN CONFLICT WITH NEW GRADE, NEW OR ALTERED ROADWAYS, SIDEWALKS, DRIVEWAYS, CURBS, OR STORM WATER IMPROVEMENTS. OCU FACILITIES TO BE ADJUSTED INCLUDE, BUT ARE NOT LIMITED TO; PIPELINES, PUMP STATIONS, VALVE BOXES, AIR RELEASE VALVES, FIRE HYDRANTS, MANHOLE COVERS, AND METERS. ALL ADJUSTMENTS SHALL BE MADE TO CURRENT
- ONLY OCU PERSONNEL SHALL OPERATE EXISTING OCU WATER, WASTEWATER, AND RECLAIMED WATER VALVES. THE CONTRACTOR IS RESPONSIBLE FOR OPERATING ANY NEWLY INSTALLED VALVE THAT HAS NOT BEEN CLEARED FOR USAGE BY FDEP AND OCU. THE CONTRACTOR SHALL COORDINATE VALVE OPERATION WITH THE OCU INSPECTOR. FOR OPERATION OF MAINS NOT OWNED BY OCU, IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE APPROPRIATE UTILITY REPRESENTATIVE
- CONSTRUCTION ACTIVITIES SHALL NOT CAUSE INTERRUPTIONS IN WATER, WASTEWATER, OR RECLAIMED WATER SERVICE. THE CONTRACTOR SHALL COORDINATE PRE-APPROVED INTERRUPTIONS OF SERVICE WITH THE OCU INSPECTOR 7 WORKING DAYS IN ADVANCE AND WRITTEN NOTICE SHALL BE GIVEN TO AFFECTED
- CUSTOMERS AT LEAST 4 WORKING DAYS IN ADVANCE. THE CONTRACTOR SHALL PROVIDE FOR BYPASSING AND / OR HAULING OF WASTEWATER DURING APPROVED. INTERRUPTIONS OF WASTEWATER FLOWS AND CONNECTIONS. THE CONTRACTOR SHALL SUBMIT A BYPASS OR HAUL PLAN, REVIEWED AND APPROVED BY A PROFESSIONAL ENGINEER TO OCU DEVELOPMENT ENGINEERING
- AND TO THE INSPECTOR FOR APPROVAL PRIOR TO IMPLEMENTATION BY CONTRACTOR. CONSTRUCTION. KEEP VALVES ON ALL WET TAPS CLOSED UNTIL CLEARED BY FDEP. DO NOT CONNECT NEWLY CONSTRUCTED WATER MAINS TO ANY EXISTING WATER MAINS UNLESS CLEARED BY FDEP AND OCU 12. THE CONTRACTOR SHALL PROVIDE A JUMPER ASSEMBLY WITH AN APPROVED BACKFLOW PREVENTER FOR
- MAKING TEMPORARY CONNECTIONS TO AN EXISTING POTABLE WATER SOURCE IN ORDER TO CHLORINATE AND FLUSH NEW WATER MAINS WITH POTABLE WATER. ANY TEMPORARY POTABLE WATER CONNECTIONS TO RECLAIMED WATER OR FORCE MAIN SHALL ALSO BE EQUIPPED WITH AN APPROVED BACKFLOW PREVENTER. 13. FOR PVC PIPE, NO JOINT DEFLECTION OR PIPE BENDING IS ALLOWED. ALIGNMENT CHANGE SHALL BE MADE ONLY
- 14. FOR DIP PIPE, LONG RADIUS CURVES, EITHER HORIZONTAL OR VERTICAL, MAY BE INSTALLED WITH STANDARD PIPE BY DEFLECTIONS AT THE JOINTS. MAXIMUM DEFLECTIONS AT PIPE JOINTS. FITTINGS AND LAYING RADIUS FOR THE VARIOUS PIPE LENGTHS SHALL NOT EXCEED 75 PERCENT OF THE PIPE MANUFACTURER'S RECOMMENDATION
- AND/OR DEFLECTION SHALL NOT EXCEED THE PARAMETERS ESTABLISHED IN THIS MANUAL. 16. ALL DAMAGE TO ORANGE COUNTY INFRASTRUCTURE. PIPELINES. AND ASSETS SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE WITH AN APPROVED METHOD BY THE COUNTY. IF THE

REPAIR IS NOT PERFORMED IN A TIMELY MANNER. AS DETERMINED BY THE ORANGE COUNTY UTILITY

INSPECTOR, ORANGE COUNTY MAY PERFORM REPAIRS AND THE CONTRACTOR WILL BE CHARGED FOR ALL

7. THE CONTRACTOR SHALL BE LIABLE FOR ANY AND ALL SANITARY SEWER OVERFLOWS (SSO) ASSOCIATED WITH THE WORK, REGARDLESS OF FAULT. THE CONTRACTOR WILL BE ASSESSED PENALTIES FOR ANY AND EACH SSO AS SPECIFIED IN SECTION 3110, GENERAL CONSTRUCTION REQUIREMENTS.

ORANGE COUNTY UTILITIES STANDARDS & CONSTRUCTION

SPECIFICATIONS MANUAL

22-010

JUNE 23, 2023

C-31

31 OF

FIGURE GN 10/10/2021

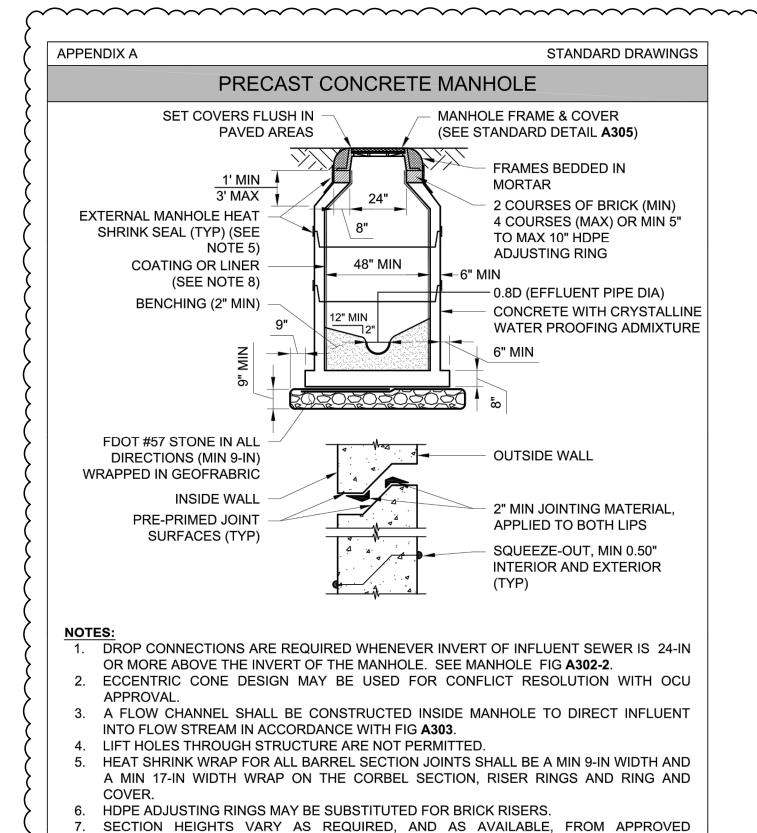
& VALVE AT A MIN OF 8-IN IN ALL DIRECTIONS.

LORIDA ENGINEERING GROUP, 12 CERTIFICATE NO. EB-0006395 No 45128

ELECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A SHA-1 AUTHENTICATION CODE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDEREI SIGNED AND SEALED AND THE SHA-AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC

22-010_OCUDetails.dwg



MANUFACTURERS LISTED IN APPENDIX D AND IN COMPLIANCE WITH ASTM C478.

8. MANHOLE SHALL BE COATED OR LINED IN ACCORDANCE WITH SECTIONS 2310 & 3119.

FIGURE A301

VP/MS JAA

VP/MS JAA

VP/MS JAA

VP/MS JAA

BY CHECKED

ORANGE COUNTY UTILITIES

08/15/2023

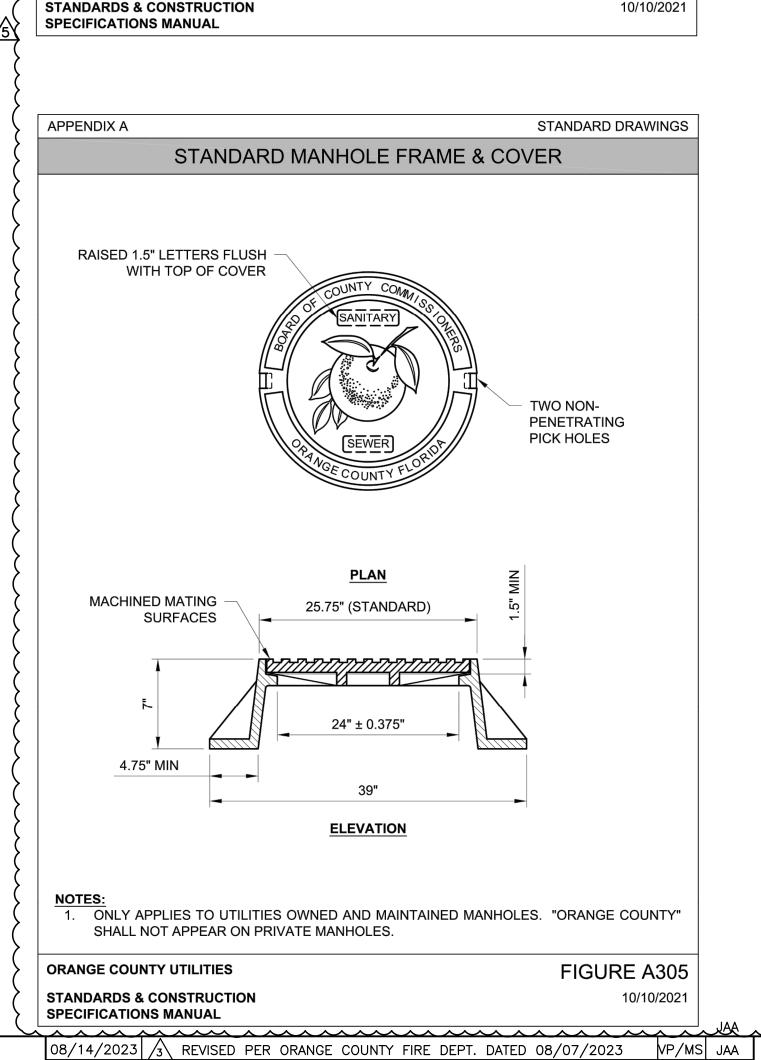
08/16/2023

08/17/2023

08/17/2023

10/09/2023

DATE



4\ REVISED PER SJRWMD COMMENTS DATED 07/24/2023

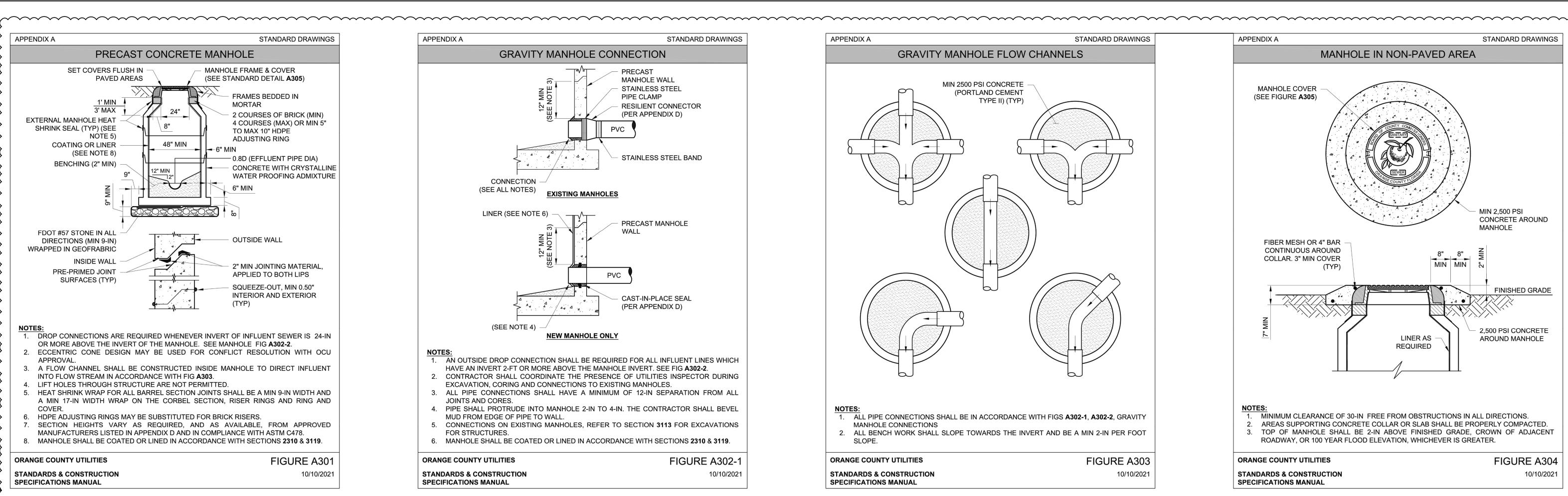
REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023 VP/MS JAA

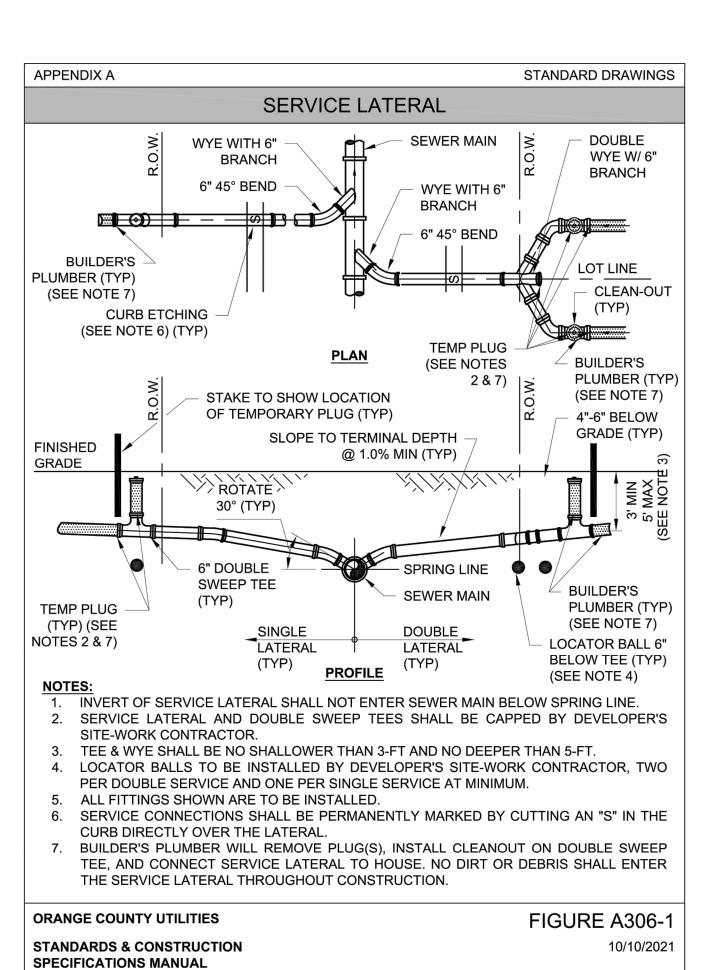
REVISED PER OCU COMMENTS DATED 07/27/2023

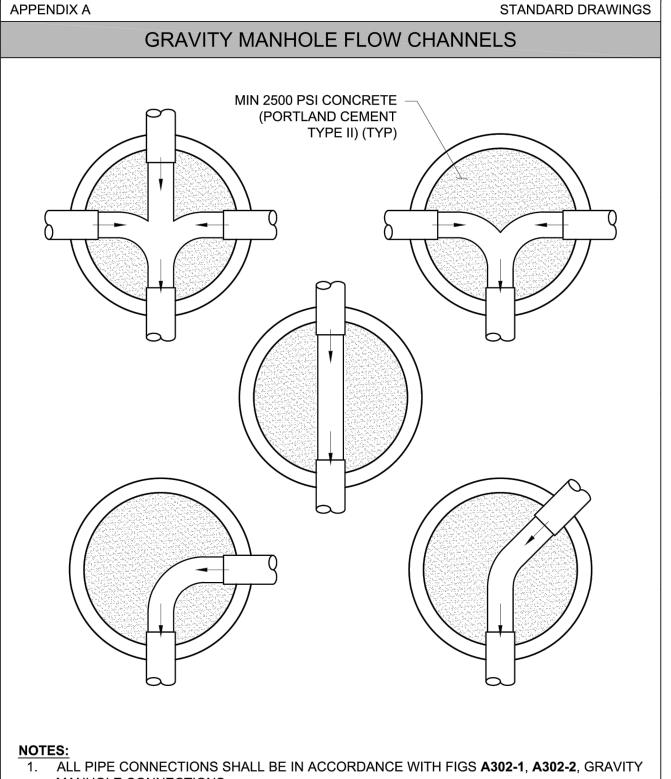
REVISED PER FDOT COMMENTS DATED 07/11/2023

REVISIONS

REVISED PER CITY COMMENTS DATED 10/04/2023

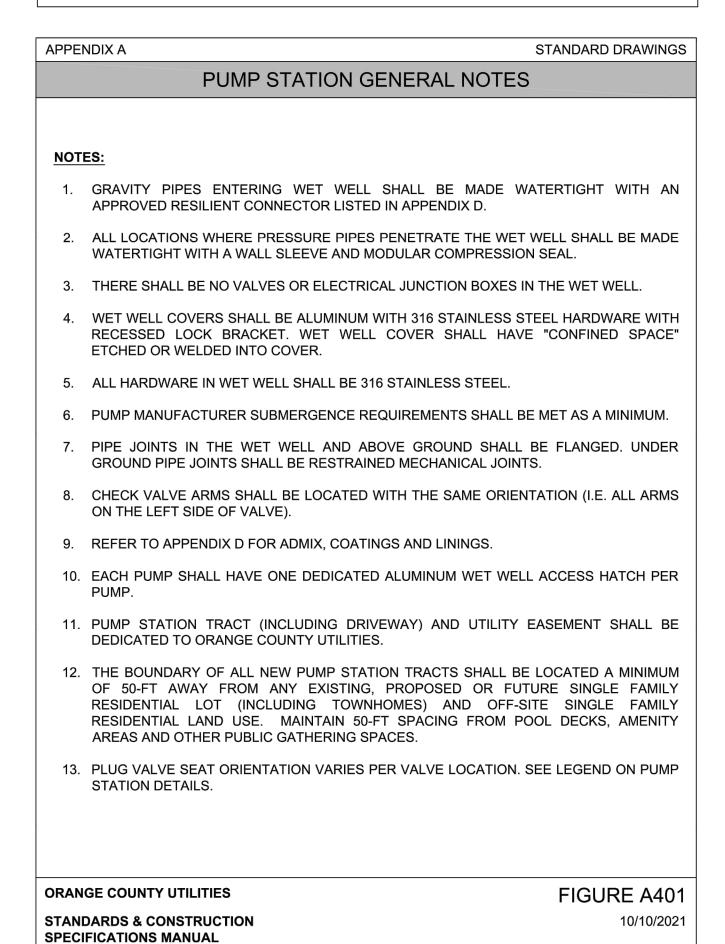


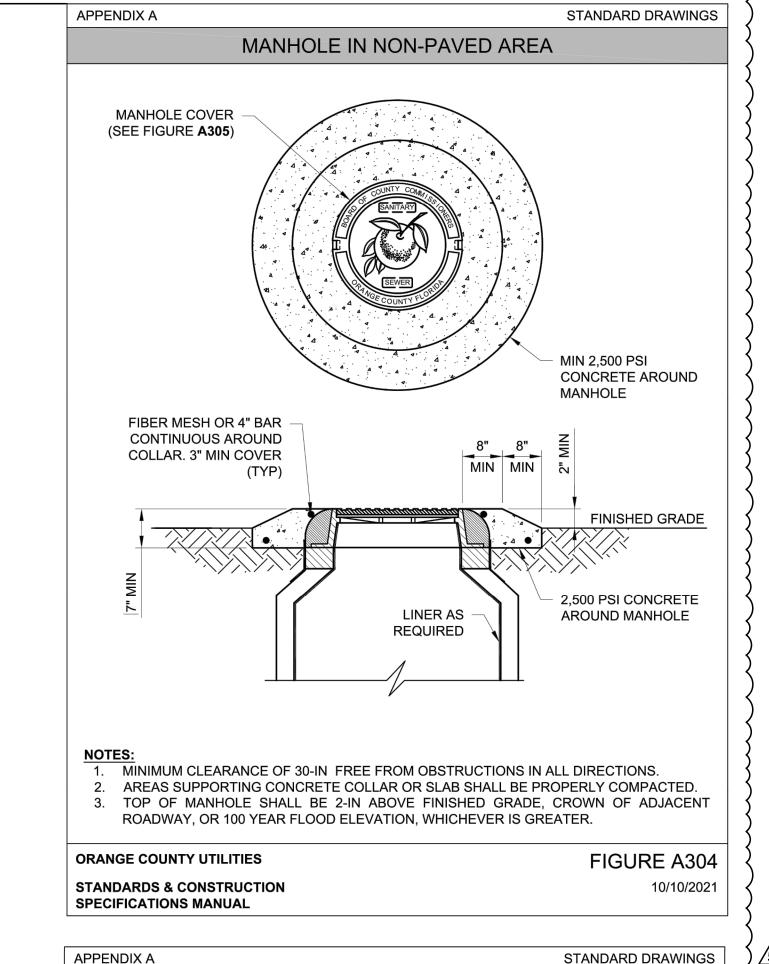


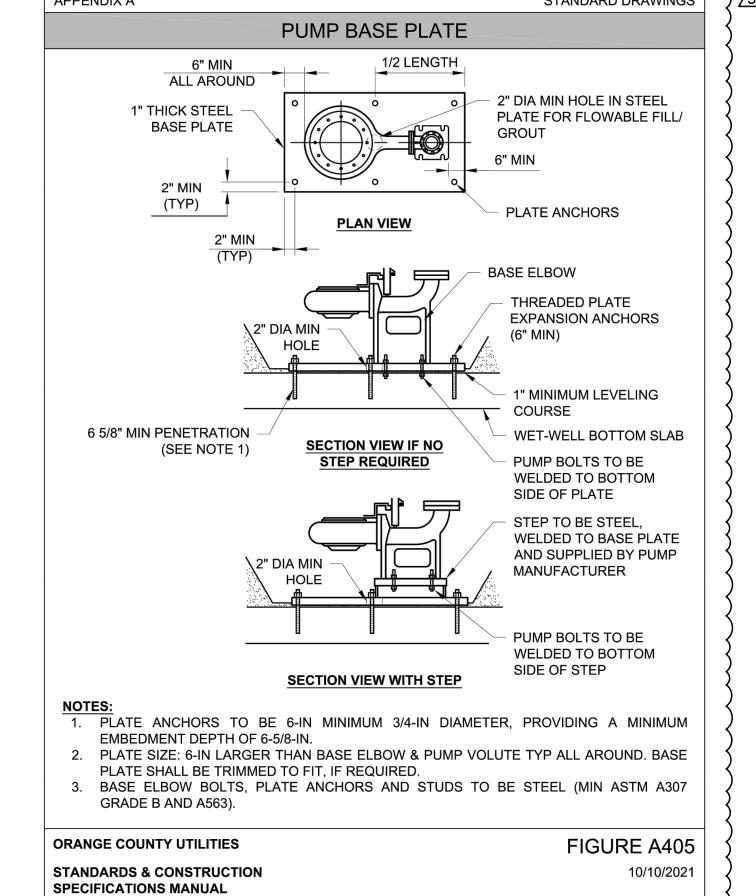


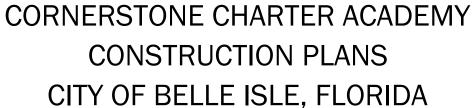
MANHOLE CONNECTIONS 2. ALL BENCH WORK SHALL SLOPE TOWARDS THE INVERT AND BE A MIN 2-IN PER FOOT

ORANGE COUNTY UTILITIES FIGURE A303 STANDARDS & CONSTRUCTION 10/10/2021 **SPECIFICATIONS MANUAL**











Engineering the Future

Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325

www.feg-inc.us

DESIGNED BY

ORANGE COUNTY UTILITY DETAILS (2 OF 2) APPROVED BY DRAWN BY CHECKED BY JAA

LORIDA ENGINEERING GROUP 1 CERTIFICATE NO. EB-0006595 22-010 No 45128 N.T.S. JUNE 23, 2023 32 OF

ELECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDEREI

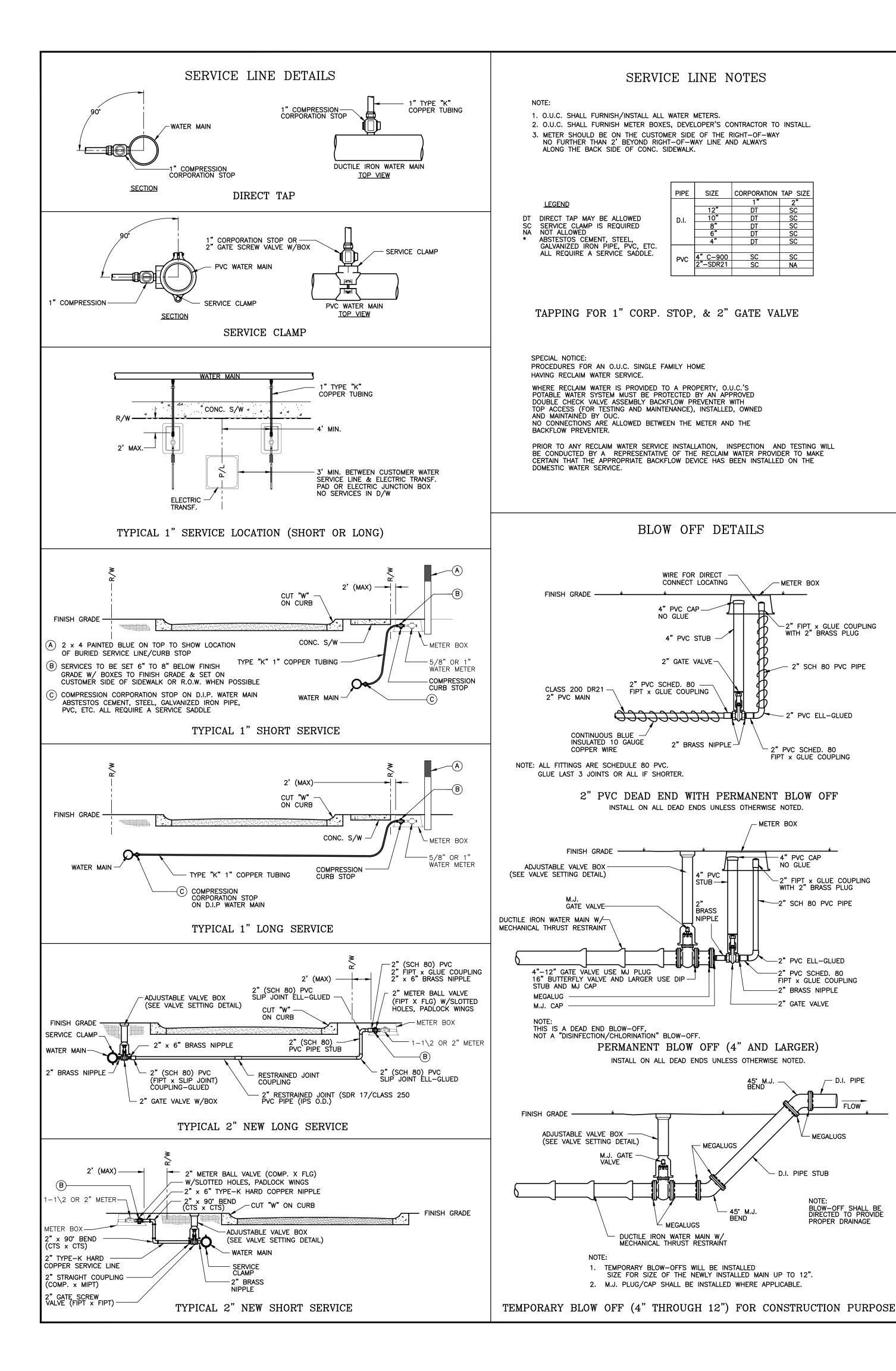
JAA

5127 S. Orange Avenue, Suite 200

AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC

SIGNED AND SEALED AND THE SHA-

22-010_OCUDetails.dwg



" FIPT x GLUE COUPLING WITH 2" BRASS PLUG 2" SCH 80 PVC PIPE 5. WHERE TWO OR MORE FITTINGS ARE TOGETHER, USE FITTING WHICH YIELDS GREATEST FIPT x GLUE COUPLING LENGTH RESTRAINED PIPE. ALL ROAD CROSSINGS SHALL BE RESTRAINED AT EACH JOINT. 6. THROUGH RUN OF TEES OUTSIDE LIMITS OF RESTRAINED JOINTS FROM OTHER FITTINGS NEED NOT BE RESTRAINED UNLESS OTHERWISE INDICATED. 7. LENGTHS SHOWN IN THE TABLE HAVE BEEN CALCULATED IN ACCORDANCE WITH THE PROCEDURE OUTLINED IN "THRUST RESTRAINT DESIGN FOR DUCTILE IRON PIPE" SIXTH EDITION 2006 AS PUBLISHED BY DIPRA, WITH THE FOLLOWING ASSUMPTIONS: THE MAXIMUM TEST PRESSURE IS 150 P.S.I. THE LAYING CONDITION IS TYPE 4 (BACKFILL COMPACTED TO TOP OF PIPE) DIPRA SILT #1 L BENDS ARE INSTALLED HORIZONTALLY THE PIPE IS DUCTILE IRON PIPE DEPTH OF COVER IS ASSUMED TO BE 3 FEET FOR 12" AND SMALLER WATER MAINS DEPTH OF COVER IS ASSUMED TO BE 4 FEET FOR 16" AND LARGER WATER MAINS -2" FIPT x GLUE COUPLING 8. FOR PVC PIPE (4") MULTIPLY THE DUCTILE IRON FOOTAGE BY 1.1. WITH 2" BRASS PLUG 9. ALL EXISTING PIPE SHALL BE RESTRAINED AS NEEDED AT EACH NEW CONNECTION. -2" SCH 80 PVC PIPE -2" PVC ELL-GLUED FIPT x GLUE COUPLING

SIZE

BLOW OFF DETAILS

WIRE FOR DIRECT

CONNECT LOCATING

4" PVC CAP —

4" PVC STUB

2" GATE VALVE —

2" BRASS NIPPLE -

STUB -

BRASS

NIPPLE

MEGALUG:

MEGALUGS

2" PVC SCHED. 80

METER BOX

-4" PVC CAP

-2" PVC SCHED. 80

-2" BRASS NIPPLE

_ D.I. PIPE

BLOW-OFF SHALL BE DIRECTED TO PROVIDE

PROPER DRAINAGE

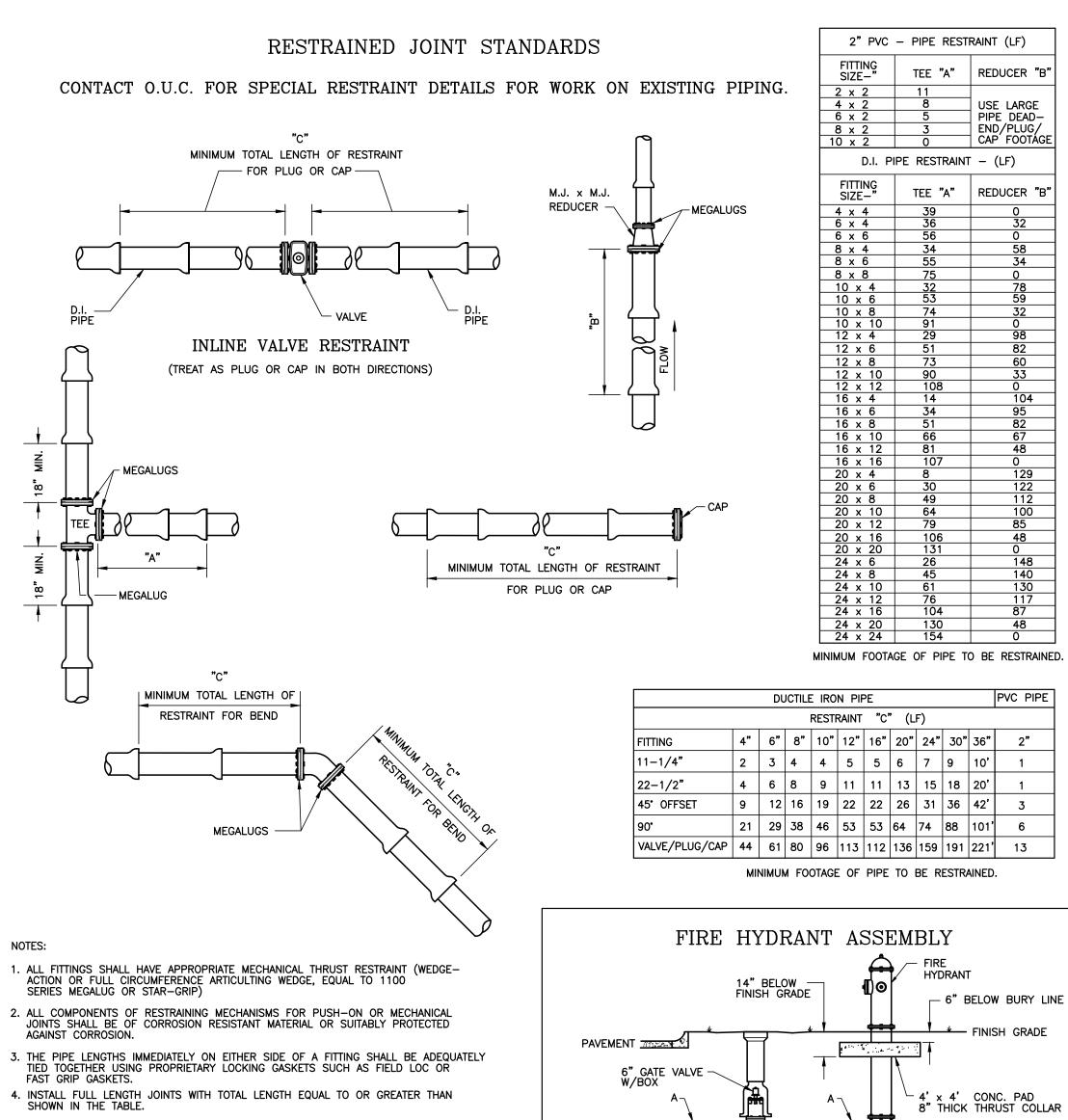
- MEGALUGS

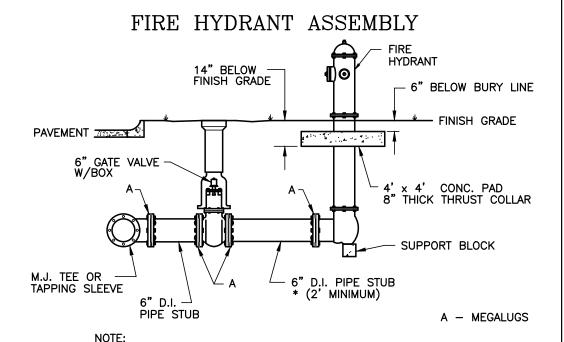
-2" GATE VALVE

NO GLUE

NO GLUE

CORPORATION TAP SIZE





A 6" ELL IS REQUIRED BETWEEN THE VALVE AND HYDRANT PARALLEL TO WATER MAIN WHEN: 1. TEE FACES TOWARD ROADWAY.

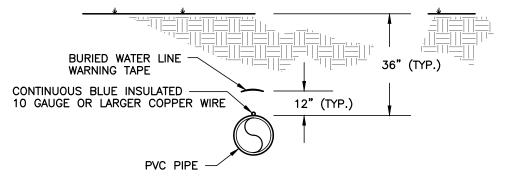
2. TEE FACES TOWARD BUILDING. 3. THE MAIN IS 12" OR LARGER.

* LONG HYDRANT LATERALS OVER 20' MAY REQUIRE 2 VALVES * HYDRANT BURIED LINE TO BE WITHIN 2" OF FINISH GRADE.

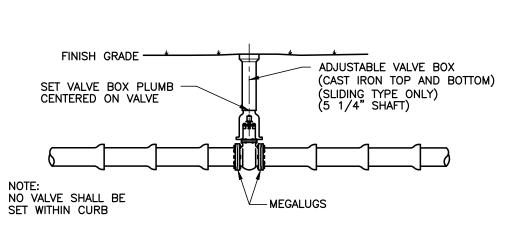
NO HYDRANT RISERS WILL BE PERMITTED ON NEWLY INSTALLED FIRE HYDRANTS.

PVC PIPE DETAIL (REFER TO GENERAL MATERIAL SPECIFICATIONS FOR LIMITATIONS ON USE)

THE PIPE IS POLYWRAPPED



VALVE SETTING RESTRAINT REQUIRED FOR INLINE VALVES (SEE RESTRAINED JOINT STANDARDS)



MAXIMUM ALLOWABLE LEAKAGE

NOTE: 150 PSI TESTING, 2 HOUR LEAKAGE TESTS; MAXIMUM LEAKAGE ALLOWED PER 1000 LF OF PIPE.

	DUCTILE IRON PIPE	PVC PIPE
PIPE SIZE	GALLONS PER TWO (2) HOUR	GALLONS PER TWO (2) HOUR
2"	0.42	0.38
4"	0.72	0.65
6"	1.10	
8"	1.48	
10"	1.84	
12"	2.20	
16"	2.94] \ /
20"	3.68	N/A
24"	4.42	
30"	5.52	
36"	6.62	
42"	7.73	
48"	8.83	\bigvee
		•

ANY PIPE LENGTH EQUAL TO OR LESS THEN 300' SHALL HAVE O LEAKAGE

GENERAL SPECIFICATIONS

- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER/CONTRACTOR TO ENSURE THAT ALL REQUIRED PERMITS ARE IN-HAND BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION, AND FOR NOTIFYING THE VARIOUS UTILITY COMPANIES TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION, TEMPORARY DISRUPTION OF SERVICE, OR CLARIFICATION OF ACTIVITY REGARDING SAID UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THESE PLANS OR FIELD LOCATED. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING STRUCTURES OR UTILITIES FROM CONSTRUCTION OF WATER FACILITIES.
 CONTRACTOR SHALL COORDINATE ANY NECESSARY ADJUSTMENTS AND COOPERATE WITH THE OWNER. ANY DELAY OR INCONVENIENCE OF THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE
- CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED. ALL CONSTRUCTION OF THE WATER DISTRIBUTION SYSTEM SHALL MEET CURRENT ORLANDO UTILITIES COMMISSION SPECIFICATIONS FOR MATERIAL, INSTALLATION, AND DISINFECTION. ALL MATERIAL AND EQUIPMENT SHALL BE STORED, INSTALLED, AND USED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
 ALL WATER FACILITIES WILL BE IN COMPLIANCE WITH THE CONDITIONS OF FDEP
- PERMIT FOR THE PROJECT. WATER MAIN SEPARATION FROM SEWER, STORM, AND RECLAIM LINES WILL BE IN COMPLIANCE WITH FDEP GUIDELINES.
- THE MINIMUM SEPARATION REQUIREMENTS FROM SANITARY FORCE MAINS, AT LEAST A 6' HORIZONTAL AND AN 12" VERTICAL SEPARATION AT CROSSINGS, MUST BE OBSERVED WITH NO STANDARD MITIGATION ALLOWED. A MINIMUM OF 18' SEPARATION FROM BUILDINGS AND STRUCTURES IS REQUIRED
- ALL CONDUIT TO BE A MINIMUM 2' FROM ALL WATER MAINS, AND APPURTENANCES. THE RECLAIMED WATER MAIN SHALL BE ON THE OPPOSITE SIDE OF THE STREET FROM THE POTABLE WATER MAIN WHERE PRACTICAL. IF IT IS NOT PRACTICAL, THE RECLAIMED WATER MAIN SHALL BE INSTALLED AT A MINIMUM HORIZONTAL DISTANCE OF 3 FEET (EDGE TO EDGE) FROM THE POTABLE WATER MAIN. RECLAIMED WATER MAINS SHALL BE BÉLOW POTABLE WATER MAINS WITH A
- MINIMUM VERTICAL SEPARATION OF 12". ALL HYDROSTATIC TESTING SHALL BE IN ACCORDANCE WITH ANSI/AWWA C600 FOR D.I. PIPE AND ANSI/AWWA C605 FOR PVC PIPE
- PROVISIONS ARE REQUIRED TO PROTECT EXISTING ACTIVE WATER MAINS FROM BACKFLOW CONTAMINATION DURING FILLING, FLUSHING, TESTING, AND MAINTAINING
- A PRESSURE IN THE NEW PIPING UNTIL A FDEP LETTER OF CLEARANCE IS OBTAINED. THE DISINFECTION OF WATER MAINS SHALL BE IN COMPLIANCE WITH "RULES OF THE DEPARTMENT OF ENVIRONMENTAL REGULATION - CHAPTER 62-555 "PERMITTING AND CONSTRUCTION OF PUBLIC WATER SYSTEMS." THE PROCEDURE WILL MEET AND EXCEED THE REQUIREMENTS SET FORTH IN ANSI/AWWA STANDARDS C651

CHLORINATION IS A 5 DAY PROCESS, STARTING ON MONDAYS UNLESS APPROVED BY O.U.C

- CROSS CONNECTION CONTROL SHALL BE IN ACCORDANCE WITH RULES AND REQUIREMENTS OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION — CHAPTER
- 62-555 "PERMITTING AND CONSTRUCTION OF PUBLIC WATER SYSTEMS." BACKFLOW PREVENTERS SHALL BE LOCATED NO MORE THAN 10 FEET FROM POINT OF SERVICE
- UNLESS PRIOR APPROVAL HAS BEEN RECEIVED FROM OUC CROSS CONNECTION CONTROL DEPT. ALL PIPE WITH DIAMETER OF 12" OR LESS SHALL HAVE A MINIMUM BURIAL DEPTH OF 36" AND NOT TO EXCEED 48" DEEP UNLESS APPROVED BY OUC. ALL PIPE WITH DIAMETER OF 16" OR GREATER SHALL HAVE A MINIMUM BURIAL DEPTH OF 48" AND
- A PRE-CONSTRUCTION MEETING FOR THE INSTALLATION OF WATER FACILITIES IS REQUIRED. CONTACT: OUC WATER CONSTRUCTION 407-434-2535.

NOT TO EXCEED 60" DEEP UNLESS APPROVED BY OUC.

- ON NEWLY INSTALLED PIPE, ONLY ONE (1) REPAIR EVERY EIGHT—HUNDRED (800') FEET WILL BE PERMITTED. IF MORE THAN ONE REPAIR IS NECESSARY, THE PIPE WILL NEED TO BE REINSTALLED PER OUC STANDARDS. REPAIRS ARE TO BE MADE USING A MECHANICALLY RESTRAINED SLEEVE. BELL CLAMPS ARE NOT TO BE USED. ANY OTHER METHODS MUST BE APPROVED BY THE OUC ENGINEER.
- ALL TAPS ON ACTIVE WATER MAINS SHALL BE PERFORMED BY AN OUC APPROVED TAPPING CONTRACTOR
- ALL OUC OWNED SERVICES ASSEMBLIES SHALL HAVE A MINIMUM OF 10' SEPARATION FROM STRUCTURES AND TREES.
- THE CONNECTION OF GROUNDING SYSTEMS FOR NEW OR RENOVATION CONSTRUCTION TO OUC WATER SYSTEM FACILITIES IS PROHIBITED.

GENERAL MATERIAL SPECIFICATIONS MATERIAL USED IN THE CONSTRUCTION OF THE WATER DISTRIBUTION SYSTEM SHALL ADHERE TO THE REQUIREMENTS OUTLINED IN THE OUC WATER DISTRIBUTION'S

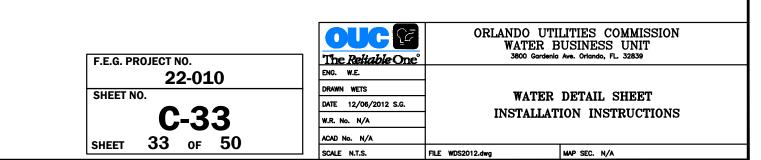
GENERAL GUIDANCE IN THE PREPARATION OF CONSTRUCTION PLANS AND SPECIFICATIONS, AND IN NO WAY LIMITS OUC'S RIGHTS TO APPROVE OR DISAPPROVE PLANS, SPECIFICATIONS OF INSTALLATIONS. MOST CENTRAL FLORIDA UTILITY SUPPLY COMPANIES HAVE A COPY OF OUC'S SPECIFICATION STANDARDS MANUAL. 1. THE TYPICAL O.U.C. DISTRIBUTION SYSTEM PIPE SIZES AND MATERIAL USED ARE:

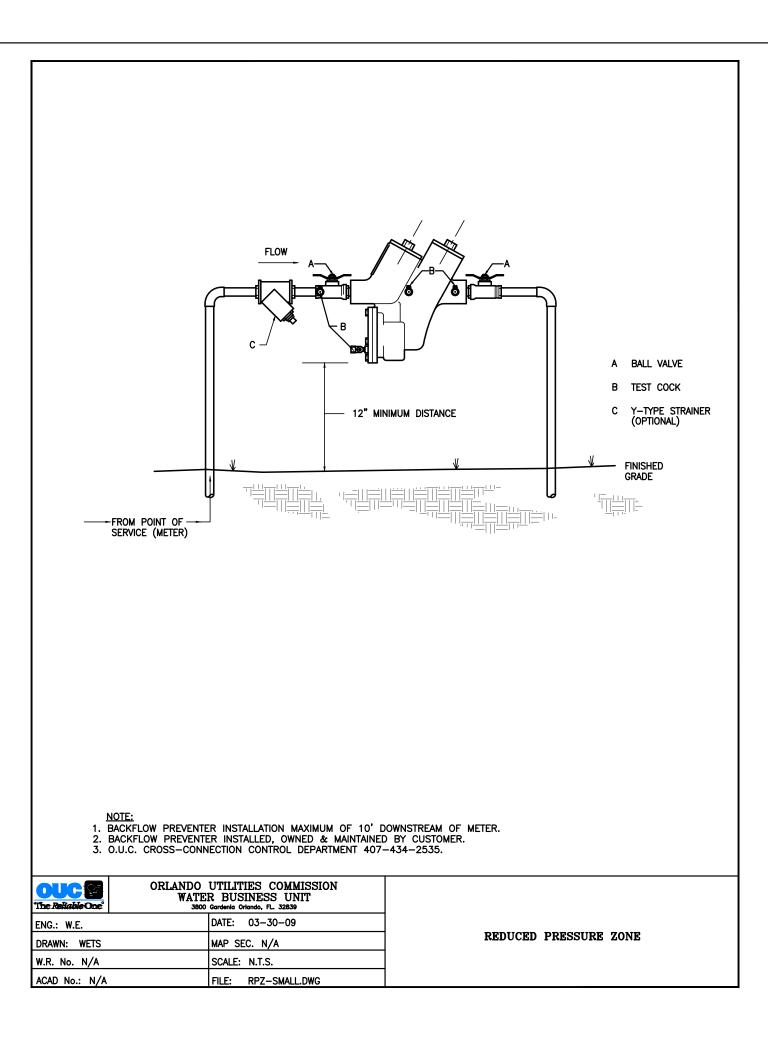
SPECIFICATION STANDARDS MANUAL. THE FOLLOWING INFORMATION IS TO PROVIDE

- TWO INCH (2") WATER MAINS SHALL BE ASTM 2241 CLASS 200 SDR21 POLYVINYL CHLORIDE (PVC) PIPE.
- TWO INCH (2") WATER MAIN UNDER ROADWAY REQUIRES 2" RESTRAINT JOINT SDR 17/CLASS 250 PIPE FOUR INCH (4") WATER MAINS SHALL BE EITHER PRESSURE CLASS 350 DUCTILE IRON (D.I.) IN ACCORDANCE WITH ANSI/AWWA CI50/A21.50-96 AND ANSI/AWWA C151/A21.51 OR, AS CONDITIONS WARRANT, C900 SDR18
- SIX INCH (6") THROUGH TWENTY FOUR INCH (24") WATER MAINS SHALL BE PRESSURE CLASS 350 D.I. PIPE IN ACCORDANCE WITH ANSI/AWWA
- C150/A21.50 AND ANSI/AWWA C151/A21.51. THIRTY INCH (30") AND LARGER WATER MAINS SHALL BE PRESSURE CLASS 250 D.I. PIPE IN ACCORDANCE WITH ANSI/AWWA C150/A21.50 AND ANSI/AWWA C151/A21.51.
- 1. THE USE OF 2" AND/OR 4" PVC PIPE MUST BE APPROVED BY O.U.C. WATER ENGINEERING. 2. PVC PIPE MUST BE BLUE IN COLOR OR HAVING CONTINUOUS BLUE MARKINGS
- TO CONFORM TO AWWA COLORS WITH NSF LOGO FOR POTABLE WATER USE. 3. DUCTILE IRON POTABLE WATER MAINS REQUIRE SPECIAL IDENTIFICATION. SUCH IDENTIFICATION SHALL INCLUDE A MINIMUM OF 4 CONTINUOUS STRIPES SPACED AT NO
- MORE THAN 90° AROUND THE PIPE .THE STRIPE SHALL BE MINIMUM TWO INCHES IN WIDTH FOR PIPE 4-12 INCH IN DIAMETER AND FOUR (4) INCHES IN WIDTH FOR LARGER PIPE, AND SHALL BE BLUE IN COLOR. BACKFILL SHALL NOT BE PLACED FOR AT LEAST 30 MINUTES FOLLOWING PAINT APPLICATION.
- ALL PIPE FITTINGS 4" UP TO 30" SHALL BE CEMENT OR EPOXY LINED (CLASS 350) AWWA CI53 "COMPACT" DUCTILE IRON, WITH MECHANICAL JOINT ENDS. ALL PIPE FITTINGS 30" OR LARGER SHALL BE CEMENT LINED (CLASS 250) DUCTILE IRON, WITH MECHANICAL
- 3. A SERVICE MATERIAL FOR AND 1" SHALL INCLUDE SOFT ANNEALED TYPE-K COPPER TUBING.
- B SERVICE MATERIAL FOR 2" SHORT SIDE SERVICES SHALL INCLUDE 2" CTS TYPE-K HARD COPPER PIPE. SERVICE MATERIAL FOR 2" LONG SIDE SERVICES SHALL INCLUDE 2" RESTRAINED JOINT (SDR 17/CLASS 250) PVC PIPE (IPS-O.D.).
- SERVICE MATERIAL (CORP. STOPS, CURB STOPS, ETC.) FOR 1", AND 2" SERVICES SHALL BE BRASS COMPRESSION FITTINGS IN ACCORDANCE W/AWWA C800. FLARED FITTINGS ARE ACCEPTABLE UNDER CONTROLLED CONDITIONS. AN AWWA (CC) THREADING IS REQUIRED ON ALL 1" CORPORATION STOPS USED WITH DIRECT PIPE TAPPING ON DUCTILE IRON PIPE OR WITH SERVICE CLAMPS ON PVC PIPE. INSTALLATION OF 2" SERVICES REQUIRE SERVICE CLAMPS AND TO ACCOMMODATE 1 1/2" OR 2" METERS, 2" BALL ANGLE METER VALVES (CTS X FLANGE) WITH SLOTTED HOLES ON THE FLANGE FACE ARE REQUIRED. PADLOCK WINGS MUST BE INCLUDED ON EACH CURB STOP OR BALL METER VALVE.
- 5. FIRE HYDRANTS SHALL BE TRAFFIC DRY BARREL TYPE AND MEET OUC SPECIFICATIONS.
- ALL VALVES 4" THROUGH 12" SHALL BE RESILIENT SEAT/WEDGE GATE VALVES WITH EPOXY COATING INTERNALLY/EXTERNALLY AND CONFORM TO ANSI/AWWA STANDARD C509 OR LATEST REVISION. ALL VALVES 16" AND LARGER SHALL BE BUTTERFLY, HAVE EPOXY COATING AND CONFORM TO ANSI/AWWA C504 OR LATEST REVISION.
- 7. ALL VALVE BOXES SHALL BE CAST IRON SLIDING TYPE ONLY.
- 8. FOR VALVES OVER 5' DEEP A PIECE OF 6" SCH 40 BLUE PVC PIPE SHALL BE INSTALLED BETWEEN THE VALVE BOX TOP AND BOTTOM.

SPECIAL NOTICE:

OUC'S SPECIFICATIONS OFTEN ADD TO THE MANUFACTURER'S SPECIFICATIONS. IF YOU HAVE ANY QUESTIONS REGARDING MATERIAL SPECIFICATIONS OR CONSTRUCTION STANDARD SPECIFICATIONS, PLEASE CONTACT OUC'S WATER DELIVERY DEPARTMENT AT 407-434-2535 OR VISIT OUR WED SITE AT http://www.ouc.com/en/commercial/water/manuals_reports.aspx





OUC Water Engineering Notes (Rev. 10/30/13):

The developer/customer shall accomplish all water main and service work through the point of service/control valve and water meters and deed to OUC. OUC will own and operate up to and including the OUC point of service/control valve and meters only. The required work shall be performed per current OUC guidelines, OUC Water Distribution Standard Specifications and OUC Water Distribution Material Specifications and water detail sheet under OUC inspection. The developer/customer must contact OUC Inspection at 407-649-4428 to schedule a pre-construction meeting prior to any water construction.

A minimum 4' clearance (including landscaping) must be maintained around meter assembly.

Domestic/fire master meter assembly will be provided by OUC at the developer/customers expense and shall be installed by the developer/customer. After payment, allow 30 days for receipt of the meter by OUC. The developer/customer shall arrange pickup from the OUC warehouse facility through the OUC inspector.

Contact OUC Inspection department for approved material and construction specifications pertaining to the installation of ductile iron pipe via directional or jack and bore method.

The developer/customer shall field verify the horizontal and vertical location of existing OUC water facilities before commencement of construction.

For water wet taps, use only OUC approved tapping contractors:

Action Industries, Inc. 352-732-6941 or 800-216-4464
Central Florida Tapping and Construction Services, Inc. 407-834-8271
Mac Tapping, Inc. 407-468-0557
Rangeline Tapping Services, Inc. 800-346-5971
TDW Services, Inc. 407-843-2800
T & R Tapping Service, Inc. 407-339-3685
EA Services 407-880-6786

Easements:

All on-site OUC water facilities (mains, services, meters, and fire hydrants) shall be located within a utility easement in accordance with current OUC private property guidelines. The developer is to furnish all necessary information, including legal description(s) to prepare and document this easement. Water metes and fire services will not be activated until the final easement(s) have been received and approved by OUC. Any questions or comments please contact OUC Property and Right of Way department at 407-434-2158.

Connection to Existing valve

Contractor to verify location, condition and pressure test existing valve prior to connection. If valve does not hold required pressure test additional valve will be required at developers/contractor's expense.

OUC Backflow Prevention Requirements:

Backflow devices will be owned and maintained by customer unless otherwise noted. Any questions contact OUC Backflow Prevention Department at 407-649-4428.

Domestic and Irrigation

The Developer/Customer is responsible for the required Reduced Pressure Backflow Preventer. Residential domestic backflow preventers are required in areas where reclaimed or other water supply, i.e. well, is provided to the site.

Fire Line:

The Developer/Customer is responsible for the required Reduced Pressure Detector Check Assembly w/Monitoring meter for backflow prevention.

As - Built Drawings

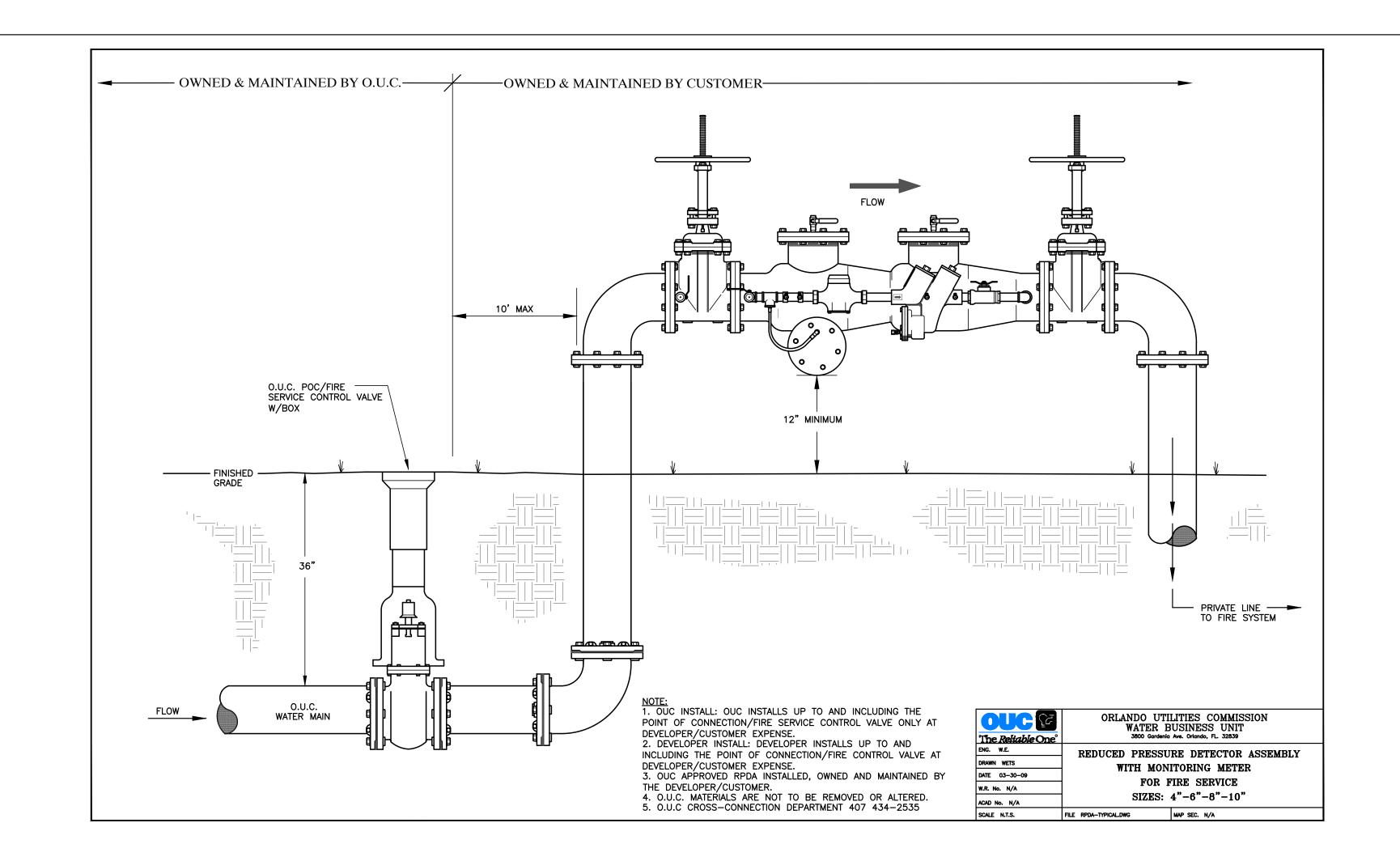
The customer/developer shall provide vertical and horizontal as-built information relative to all constructed utilities and structures. The submittal will include a signed and sealed drawing and a CD with the as built information in AutoCAD 2004 format.

State Planes Coordinates, East Florida, NAD 1983-90 is the preferred coordinate system. If a project coordinate system is used, all drawings will be based on this system and existing features i.e. edge of pavement, road intersections, buildings must be referenced to aid in the locating of project infrastructure in OUC's Geographic Information System. If no existing features are shown at least 2 State Plane Coordinate points must be surveyed and bench marked.

As-Built information for the water system shall include, but not be limited to, the following:

- Location of all valves, fittings, hydrants, and services.
- 2. Location of the water main tied horizontally to the back of curb or edge of pavement.
- Certification as to the system meeting the minimum cover requirements.
- Horizontal and vertical data for any construction which deviates from the approved engineering plans.

The contractor shall cut "W" in the top curb of each water service and a "V" at all valve locations. Cut W's and V's shall be highlighted with blue paint.



F.E.G. PROJECT NO.
22-010
SHEET NO.

C-34
SHEET 34 OF 50



BARNEY'S PUMPS, INC.

PO BOX 3529, LAKELAND, FL 33802 PHONE: (863) 665-8500 FAX: (863) 666-3858

DUPLEX FIBERGLASS GRINDER LIFT STATION

GENERAL NOTES

PUMPS SHALL BE OF THE SUBMERSIBLE TYPE (MANUFACTURED BY HYDROMATIC OR HOMA). EACH PUMP SHALL BE MOUNTED ON A Ø2* RAIL SYSTEM. THE RAIL SYSTEM SHALL BE SELF ENGAGING RESULTING IN A LEAKPROOF COUPLING. THE RAIL SYSTEM SHALL INCLUDE THE BASE ELBOW, DISCHARGE FLANGE ASSEMBLY, 316SS GUIDE RAILS, 316SS UPPER GUIDE BRACKET, 316SS LIFTING BAIL AND CABLE, AND A SIX-HOOK 316SS CABLE HOLDER. THE RAIL SYSTEM SHALL BE MOUNTED AND PRE-PIPED BY THE PUMP SUPPLIER.

PUMP CONSTRUCTION
THE PUMP VOLUTE, MOTOR AND SEAL HOUSING SHALL BE CONSTRUCTED OF CAST IRON. ALL EXTERNAL FASTENERS SHALL BE SERIES 300 STAINLESS STEEL. THE PUMP SHAFT SHALL BE CONSTRUCTED OF SERIES 416 STAINLESS STEEL.

IMPELLER
THE IMPELLER SHALL BE OF MULTI-VANE, SEMI-OPEN CONSTRUCTION. THE IMPELLER SHALL BE STATICALLY AND HYDRAULICALLY

CUTTERS

A CUTTER ASSEMBLY SHALL BE MOUNTED ON THE SUCTION SIDE OF THE PUMP WITH DIRECT DISCHARGE INTO THE PUMP IMPELLER. THE GRINDER SHALL BE CAPABLE OF GRINDING MATERIALS FOUND IN NORMAL, DOMESTIC SEWAGE. BOTH THE STATIONARY AND ROTATING CUTTERS SHALL BE CONSTRUCTED OF HARDENED STEEL.

MOTOR
THE MOTOR SHALL BE MOUNTED IN A SEALED, SUBMERSIBLE TYPE HOUSING. THE STATOR SHALL BE SECURELY HELD IN PLACE WITH A REMOVABLE END RING AND THREADED FASTENERS FOR EASE OF REMOVAL WITHOUT THE USE OF HEAT OR A PRESS. THE MOTOR WILL HAVE TWO HEAVY—DUTY BALL BEARINGS; ONE UPPER (RADIAL) AND ONE LOWER (THRUST), TO SUPPORT THE SHAFT. THE MOTOR SHALL BE EQUIPPED WITH A WINDING THERMOSTAT THAT IS WIRED TO SHUT THE MOTOR OFF IN CASE OF MOTOR OVERHEATING.

SEAL CHAMBER
THE PUMP SHALL HAVE TWO MECHANICAL SEALS, MOUNTED IN TANDEM WITH AN OIL CHAMBER BETWEEN THE SEALS. THE PUMP SHALL

THE PUMP SHALL HAVE TWO MECHANICAL SEALS, MOUNTED IN TANDEM WITH AN OIL CHAMBER BETWEEN THE SEALS. THE PUMP SHALL

THE PUMP SHALL HAVE TWO MECHANICAL SEALS, MOUNTED IN TANDEM WITH AN OIL CHAMBER BETWEEN THE SEALS. THE PUMP SHALL

THE PUMP SHALL HAVE TWO MECHANICAL SEALS, MOUNTED IN TANDEM WITH AN OIL CHAMBER BETWEEN THE SEALS. THE PUMP SHALL

THE PUMP SHALL HAVE TWO MECHANICAL SEALS, MOUNTED IN TANDEM WITH AN OIL CHAMBER BETWEEN THE SEALS. THE PUMP SHALL

THE PUMP SHALL HAVE TWO MECHANICAL SEALS, MOUNTED IN TANDEM WITH AN OIL CHAMBER BETWEEN THE SEALS. BE EQUIPPED WITH A SEAL LEAK DETECTION PROBE AND WARNING SYSTEM BY USING A SEAL FAILURE SENSOR INSTALLED IN THE SEAL

THE PUMP SUPPLIER SHALL PROVIDE THE WET WELL. THIS GLASS FIBER-REINFORCED POLYESTER BASIN SHALL BE CONSTRUCTED OF A COMMERCIAL GRADE OF GLASS FIBER AND SHALL BE PROVIDED WITH FILLET AND AN ANTI-FLOTATION RING WITH A MINIMUM DIAMETER OF THREE INCHES LARGER THAN THE BASIN DIAMETER. THE RAIL SYSTEM, INTERNAL PIPING AND DISCHARGE CONNECTIONS SHALL BE PRE-INSTALLED BY THE PUMP SUPPLIER. WET WELL SHALL MEET ASTM STANDARD NO. D3753.

HATCH COVER

THE HATCH COVER SHALL BE 2/3 HINGED TO ALLOW FOR MAXIMUM ACCESS TO THE WET WELL. THE HATCH COVER SHALL BE ALUMINUM WITH STAINLESS STEEL HARDWARE, RATED FOR 300 PSF OR GREATER. THE HATCH COVER SHALL INCLUDE A SINGLE OR DUAL DOOR OF DIMENSIONS SPECIFIED BY THE PUMP MANUFACTURER FOR PROPER PUMP CLEARANCE. THE COVER SHALL BE MANUFACTURED BY USF FABRICATION, OR EQUAL.

VALVE BOX

THE VALVE BOX IS FIBERGLASS WITH ALUMINUM LOCKABLE COVER. STANDARD SIZE VALVE BOX IS 32"x30"x25".

VALVES SHALL BE SEWAGE SWING CHECK WITH CLEAN-OUT PORTS AND BRASS GATE VALVES.

FLOATS FLOATS SHALL BE ANCHOR SCIENTIFIC ROTO-FLOATS OR EQUAL.

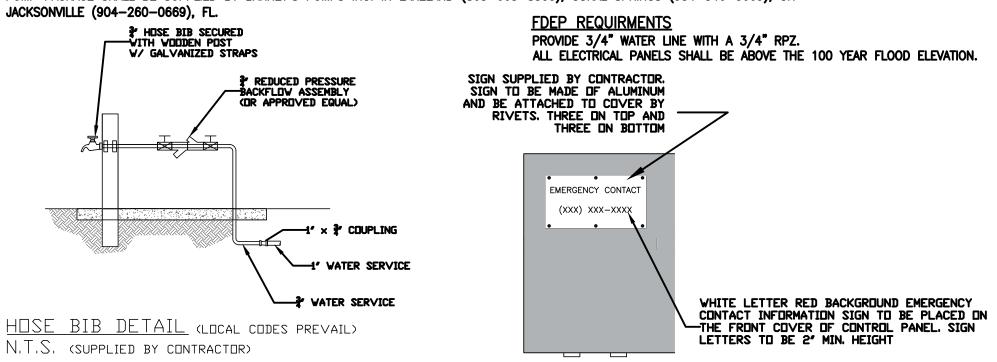
CONTROLS
THE CONTROL PANEL SHALL BE UL508 LISTED. ENCLOSURE SHALL BE PROVIDED IN 4X POLYCARBONATE. THE PANEL SHALL INCLUDE AN ALTERNATING CONTROL SCHEME (DUPLEX AND ABOVE), MAIN CIRCUIT BREAKER, GENERATOR RECEPTACLE, HIGH LEVEL ALARM LIGHT AND HORN, ELAPSED TIME METERS, VOLTAGE OR PHASE MONITOR, SEAL FAILURE AND OVERLOAD SENSORS. THE LIGHTNING ARRESTOR

ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.

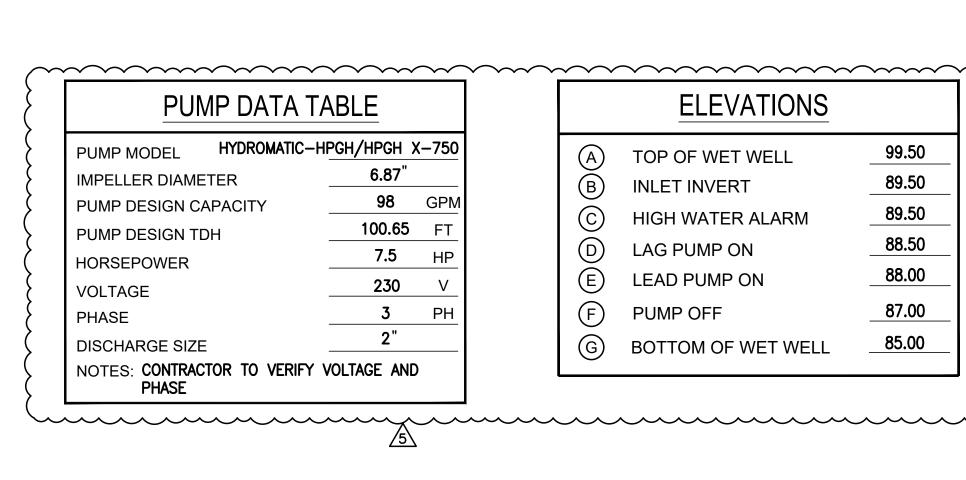
SHALL BE PROVIDED BY BARNEY'S PUMPS AND INSTALLED BY CONTRACTOR.

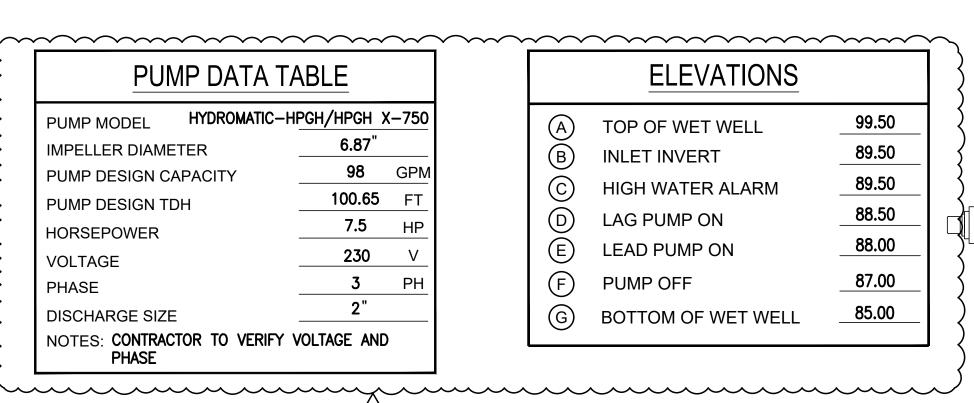
SUPPLIER
PUMP SUPPLIER SHALL PROVIDE SUBMERSIBLE PUMPS, SLIDE RAIL ASSEMBLIES, FIBERGLASS BASIN AND VALVE BOX, CONTROL PANEL,
THE COMPLETE PACKAGE FLOAT SWITCHES, ALUMINUM HATCHES AND ACCESSORIES TO INSURE PROPER OPERATIONS AND WARRANTY. THE COMPLETE PACKAGE PUMPING STATION SHALL HAVE PUMP BASES, RAIL ASSEMBLIES, AND DISCHARGE PIPING ASSEMBLED BY BARNEY'S PUMPS INC. READY FOR FIELD INSTALLATION.

PUMP PACKAGE SHALL BE SUPPLIED BY BARNEY'S PUMPS INC. IN LAKELAND (863-665-8500), CORAL SPRINGS (954-346-0669), OR



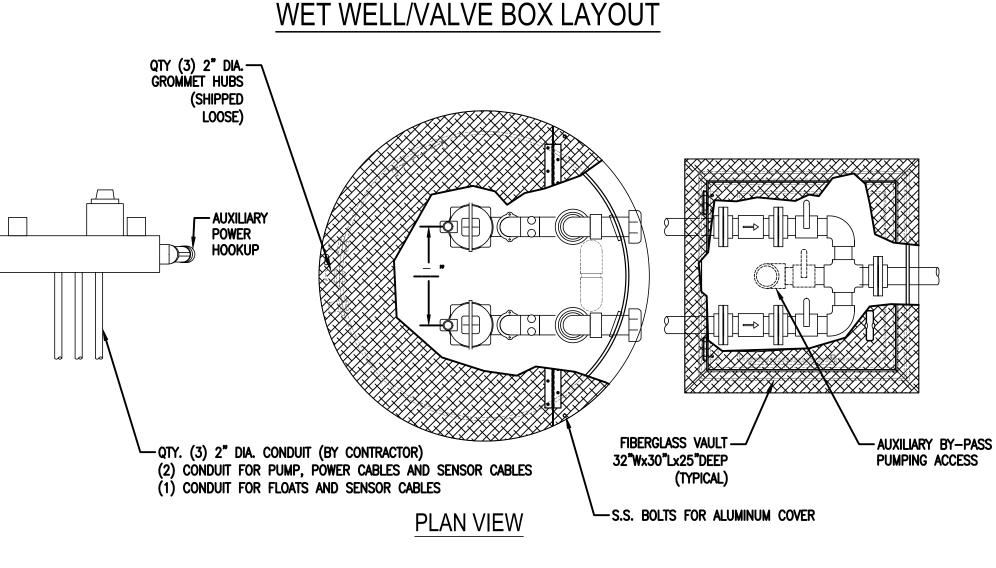
CONTRACTOR IS TO PROVIDE AND POST AN UNOBSTRUCTED SIGN (12"X12" WITH 2" LETTERING) MADE OF DURABLE WEATHER RESISTANT MATERIAL AT A LOCATION VISIBLE TO THE PUBLIC WITH A TELEPHONE NUMBER FOR A POINT OF CONTACT IN CASE OF EMERGENCY AS SHOWN ABOVE

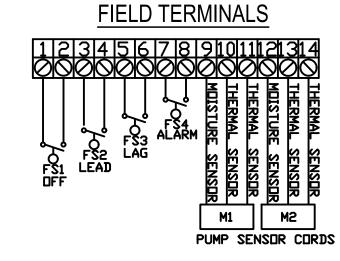




ENCLOSURE AND DEADFRONT LAYOUT (TYPICAL)

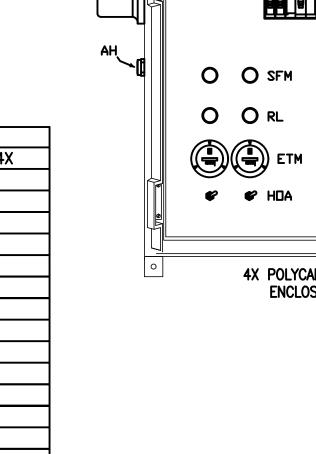
(OUTER DOOR REMOVED)





LEGEND

ABBR.	DESCRIPTION
ENC	ENCLOSURE, POLYCARBONATE, NEMA 4X
MCB	MAIN CIRCUIT BREAKER
ECB	EMERGENCY CIRCUIT BREAKER
PCB1,2	PUMP CIRCUIT BREAKER
CCB	CONTROL CIRCUIT BREAKER
GFICB	GFI CIRCUIT BREAKER
GR	GENERATOR RECEPTACLE
GFI	GFI RECEPTACLE
AL	ALARM LIGHT
AH	ALARM HORN
ASB	ALARM SILENCE BUTTON
SFM	SEAL FAIL MODULE
HOA	HAND OFF AUTO SWITCH
RL	RUN LIGHT, GREEN
ETM	ELAPSED TIME METER



LIGHT METER BY OTHERS -CONTROL PANEL WITH LOCKING PROVISION -2" DIA. VENT W/ S.S. BUG BREAKERS - ALUMINUM ACCESS -PUSH TO SILENCE **COVER WITH LOCKING** DISCHARGE HASP, S.S. — SEAL—OFFS COUPLING HARDWARE-300LBS/FT (BY CONTRACTOR) LOADING -WET WELL/VALVE BOX -S.S. GUIDE CONNECTION (BY CONTRACTOR) RAIL BRACKETS S.S. HOOK — (BY OTHERS) □ BSB □ (INSTALL PER HOLDER - ALUMINUM LOCAL CODES) LATCH **ACCESS COVER** WITH LOCKING HASP A TOP OF WET WELL 24" MIN. **4X POLYCARBONATE** ENCLOSURE 8 Dia. Inlet grommet — (SHIPPED LOOSE) A Transconding $-\underline{2}$ DIA, $\underline{2}$ DIA. CHECK VALVE GATE VALVE —<u>_2</u>," dia, — 2" DIA. (B) INVERT ELEVATION DRAIN/TRAP (BY CONTRACTOR) -S.S. LIFTING CABLE/CHAIN FIBERGLASS WET WELL BASIN-_2_" DIA SCH80 PVC DISCHARGE PIPE

C HIGH WATER-

(E) LEAD PUMP ON-

(F) PUMP OFF-

G BOTTOM OF WET WELL

CONCRETE MOUNTING POST(S)

(BY CONTRACTOR)

AND SERVICE DISCONNECT WITH LIGHTNING ARRESTOR PER LOCAL

PANEL NOTES

ALL PANELS SHALL BE UL LISTED AND CONFORM TO FLORIDA DEP 62-604

- 1) GENERATOR RECEPTACLE WITH INTERLOCK FOR EMERGENCY POWER CONNECTION. 2) SURGE AND LIGHTNING PROTECTION SHALL BE PROVIDED BY CONTRACTOR AND MOUNTED
- EXTERNAL TO THE CONTROL PANEL. 3) PHASE OR VOLTAGE MONITOR SHALL BE PROVIDED IN CONTROL PANEL. 4) ALL PANELS, WET WELL, VALVE BOX, AND ACCESS DOORS SHALL HAVE LOCKABLE MECHANISMS.
- CONTRACTOR TO PROVIDE KEYED LOCKS. 5) POST UNOBSTRUCTED SIGN MADE OF DURABLE WEATHER RESISTANT MATERIAL WITH THE FOLLOWING:
- PUBLIC NOTICE: IN CASE OF EMERGENCY CONTACT:
- 6) THE CONTROL PANEL SHALL BE SUITABLY INSTALLED TO PREVENT SETTLING OR TIPPING.
- 7) FLOAT SWITCHES SHALL BE UL LISTED. 8) SHAFT SEAL FAIL DETECTION

A SIGN SHALL BE POSTED AT THE LIFT STATION INDICATING AN EMERGENCY CONTACT

SIGNAGE	_

NAME AND PHONE NUMBER.

$\underline{\circ}$			
	LICT	CTATION	

							-31111111		
							M. ABI-A	-	
FLORIDA ENGINEERING GROUP	5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325	LIFTSTATION - LS-1 DETAILS			PROJECT NO. 22-010 SCALE N.T.S. DATE JUNE 23, 2023 SHEET NO.	22-010 CERTIFICATE No. EB-0006395 E No. 45128 N.T.S. * JUNE 23, 2023 STATE OF PRIME PR		HIS ITEM HAS BEEN LECTRONICALLY SIGNED AND EALED BY (ENGINEER), P.E. ON DATE) USING A SHA-1 UTHENTICATION CODE. RINTED COPIES OF THIS OCUMENT ARE NOT CONSIDERED	
the Future	www.feg-inc.us	DESIGNED BY JAA	DRAWN BY VP	CHECKED BY JAA	APPROVED BY JAA	C-35 SHEET 35 OF 50	LICENSE NO HELLS	SIGNED AND SEALED AUTHENTICATION COD VERIFIED ON ANY ELE COPIES.	DE MUST BE
_								22-010_LiftStationDe	tails-LS1.dwg

			JAA
08/14/2023	REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023	P/MS	JAA
08/15/2023	REVISED PER SJRWMD COMMENTS DATED 07/24/2023	P/MS	JAA
08/16/2023	REVISED PER OCU COMMENTS DATED 07/27/2023	P/MS	JAA
08/17/2023	REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023 VF	P/MS	JAA
08/17/2023	REVISED PER FDOT COMMENTS DATED 07/11/2023	P/MS	JAA
10/09/2023	REVISED PER CITY COMMENTS DATED 10/04/2023	P/MS	JAA
DATE	REVISIONS	BY	CHECKED

CORNERSTONE CHARTER ACADEMY CONSTRUCTION PLANS CITY OF BELLE ISLE, FLORIDA

OF WET WELL

SECTION VIEW

-S.S. GUIDE RAILS

—S.S. LIFTING BAIL

-PUMPS MUST BE MOUNTED

ONTO FRONT LOAD-RAIL

-FIBERGLASS FILLET

- ANTI-FLOTATION RING

6.00 YDS.

(BY CONTRACTOR)

6FT = 1.5 YDS

8FT = 2 YDS

DEPTH = CONCRETE = 4000 LBS/YD

10FT = 2.5 YDS (10000 LBS) 12FT = 3 YDS (12000 LBS)

14FT = 3.5 YDS (14000 LBS)

"QUICK DISCONNECT COUPLING" RAIL

-CONCRETE GROUT AS REQ'D BY

ENGINEER TO PREVENT FLOTATION

-CONCRETE BALLAST AS REQUIRED FOR 48 I.D.

(6000 LBS)

(8000 LBS)

SYSTEM ALLOWS PUMP REMOVAL

WITHOUT ENTRY INTO WET WELL



BARNEY'S PUMPS, INC.

PO BOX 3529, LAKELAND, FL 33802 PHONE: (863) 665-8500 FAX: (863) 666-3858

DUPLEX FIBERGLASS GRINDER LIFT STATION

GENERAL NOTES

PUMPS SHALL BE OF THE SUBMERSIBLE TYPE (MANUFACTURED BY HYDROMATIC OR HOMA). EACH PUMP SHALL BE MOUNTED ON A Ø2* RAIL SYSTEM. THE RAIL SYSTEM SHALL BE SELF ENGAGING RESULTING IN A LEAKPROOF COUPLING. THE RAIL SYSTEM SHALL INCLUDE THE BASE ELBOW, DISCHARGE FLANGE ASSEMBLY, 316SS GUIDE RAILS, 316SS UPPER GUIDE BRACKET, 316SS LIFTING BAIL AND CABLE, AND A SIX-HOOK 316SS CABLE HOLDER. THE RAIL SYSTEM SHALL BE MOUNTED AND PRE-PIPED BY THE PUMP SUPPLIER.

PUMP CONSTRUCTION
THE PUMP VOLUTE, MOTOR AND SEAL HOUSING SHALL BE CONSTRUCTED OF CAST IRON. ALL EXTERNAL FASTENERS SHALL BE SERIES 300 STAINLESS STEEL. THE PUMP SHAFT SHALL BE CONSTRUCTED OF SERIES 416 STAINLESS STEEL.

IMPELLER
THE IMPELLER SHALL BE OF MULTI-VANE, SEMI-OPEN CONSTRUCTION. THE IMPELLER SHALL BE STATICALLY AND HYDRAULICALLY

CUTTERS
A CUTTER ASSEMBLY SHALL BE MOUNTED ON THE SUCTION SIDE OF THE PUMP WITH DIRECT DISCHARGE INTO THE PUMP IMPELLER.
THE GRINDER SHALL BE CAPABLE OF GRINDING MATERIALS FOUND IN NORMAL, DOMESTIC SEWAGE. BOTH THE STATIONARY AND ROTATING CUTTERS SHALL BE CONSTRUCTED OF HARDENED STEEL.

 ${\color{red} \underline{\mathsf{MOTOR}}}$ The motor shall be mounted in a sealed, submersible type housing. The stator shall be securely held in place with a REMOVABLE END RING AND THREADED FASTENERS FOR EASE OF REMOVAL WITHOUT THE USE OF HEAT OR A PRESS. THE MOTOR WILL HAVE TWO HEAVY—DUTY BALL BEARINGS; ONE UPPER (RADIAL) AND ONE LOWER (THRUST), TO SUPPORT THE SHAFT. THE MOTOR SHALL BE EQUIPPED WITH A WINDING THERMOSTAT THAT IS WIRED TO SHUT THE MOTOR OFF IN CASE OF MOTOR OVERHEATING.

SEAL CHAMBER
THE PUMP SHALL HAVE TWO MECHANICAL SEALS, MOUNTED IN TANDEM WITH AN OIL CHAMBER BETWEEN THE SEALS. THE PUMP SHALL BE EQUIPPED WITH A SEAL LEAK DETECTION PROBE AND WARNING SYSTEM BY USING A SEAL FAILURE SENSOR INSTALLED IN THE SEAL

THE PUMP SUPPLIER SHALL PROVIDE THE WET WELL. THIS GLASS FIBER-REINFORCED POLYESTER BASIN SHALL BE CONSTRUCTED OF A COMMERCIAL GRADE OF GLASS FIBER AND SHALL BE PROVIDED WITH FILLET AND AN ANTI-FLOTATION RING WITH A MINIMUM DIAMETER OF THREE INCHES LARGER THAN THE BASIN DIAMETER. THE RAIL SYSTEM, INTERNAL PIPING AND DISCHARGE CONNECTIONS SHALL BE PRE-INSTALLED BY THE PUMP SUPPLIER. WET WELL SHALL MEET ASTM STANDARD NO. D3753.

HATCH COVER

THE HATCH COVER SHALL BE 2/3 HINGED TO ALLOW FOR MAXIMUM ACCESS TO THE WET WELL. THE HATCH COVER SHALL BE ALUMINUM WITH STAINLESS STEEL HARDWARE, RATED FOR 300 PSF OR GREATER. THE HATCH COVER SHALL INCLUDE A SINGLE OR DUAL DOOR OF DIMENSIONS SPECIFIED BY THE PUMP MANUFACTURER FOR PROPER PUMP CLEARANCE. THE COVER SHALL BE MANUFACTURED BY USF FABRICATION, OR EQUAL.

VALVE BOX

THE VALVE BOX IS FIBERGLASS WITH ALUMINUM LOCKABLE COVER. STANDARD SIZE VALVE BOX IS 32"x30"x25".

VALVES SHALL BE SEWAGE SWING CHECK WITH CLEAN-OUT PORTS AND BRASS GATE VALVES.

FLOATS
FLOATS SHALL BE ANCHOR SCIENTIFIC ROTO-FLOATS OR EQUAL.

THE CONTROL PANEL SHALL BE UL508 LISTED. ENCLOSURE SHALL BE PROVIDED IN 4X POLYCARBONATE. THE PANEL SHALL INCLUDE AN ALTERNATING CONTROL SCHEME (DUPLEX AND ABOVE), MAIN CIRCUIT BREAKER, GENERATOR RECEPTACLE, HIGH LEVEL ALARM LIGHT AND HORN, ELAPSED TIME METERS, VOLTAGE OR PHASE MONITOR, SEAL FAILURE AND OVERLOAD SENSORS. THE LIGHTNING ARRESTOR SHALL BE PROVIDED BY BARNEY'S PUMPS AND INSTALLED BY CONTRACTOR.

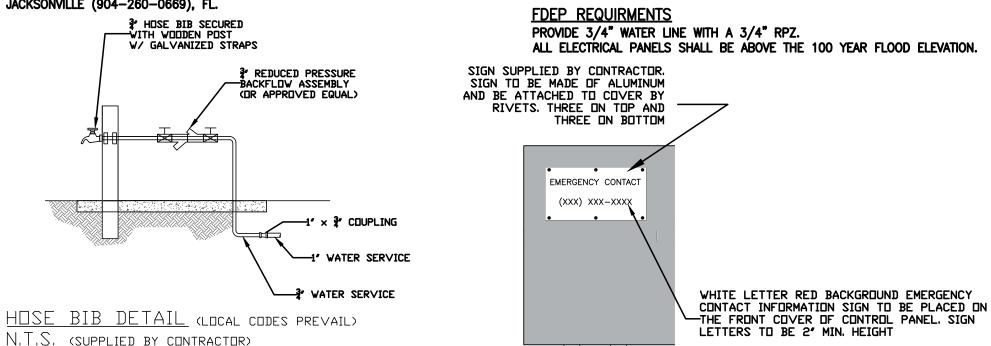
ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.

SUPPLIER

PUMP SUPPLIER SHALL PROVIDE SUBMERSIBLE PUMPS, SLIDE RAIL ASSEMBLIES, FIBERGLASS BASIN AND VALVE BOX, CONTROL PANEL,

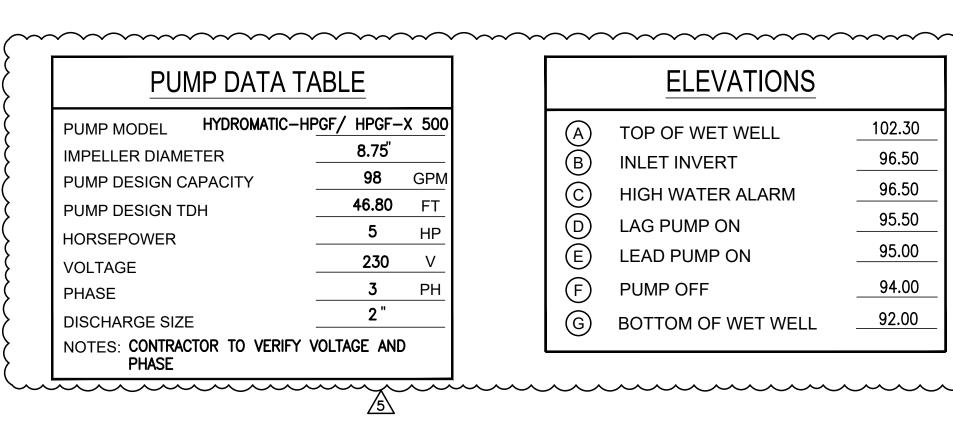
THE COMPLETE PACKAGE FLOAT SWITCHES, ALUMINUM HATCHES AND ACCESSORIES TO INSURE PROPER OPERATIONS AND WARRANTY. THE COMPLETE PACKAGE PUMPING STATION SHALL HAVE PUMP BASES, RAIL ASSEMBLIES, AND DISCHARGE PIPING ASSEMBLED BY BARNEY'S PUMPS INC. READY FOR FIELD INSTALLATION.

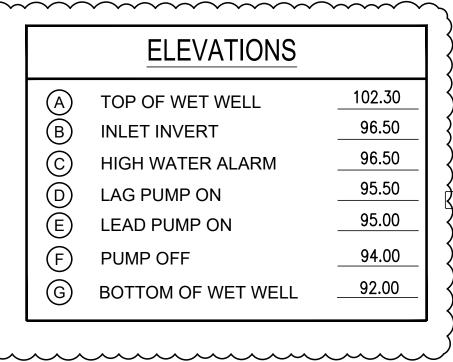
PUMP PACKAGE SHALL BE SUPPLIED BY BARNEY'S PUMPS INC. IN LAKELAND (863-665-8500), CORAL SPRINGS (954-346-0669), OR JACKSONVILLE (904-260-0669), FL.

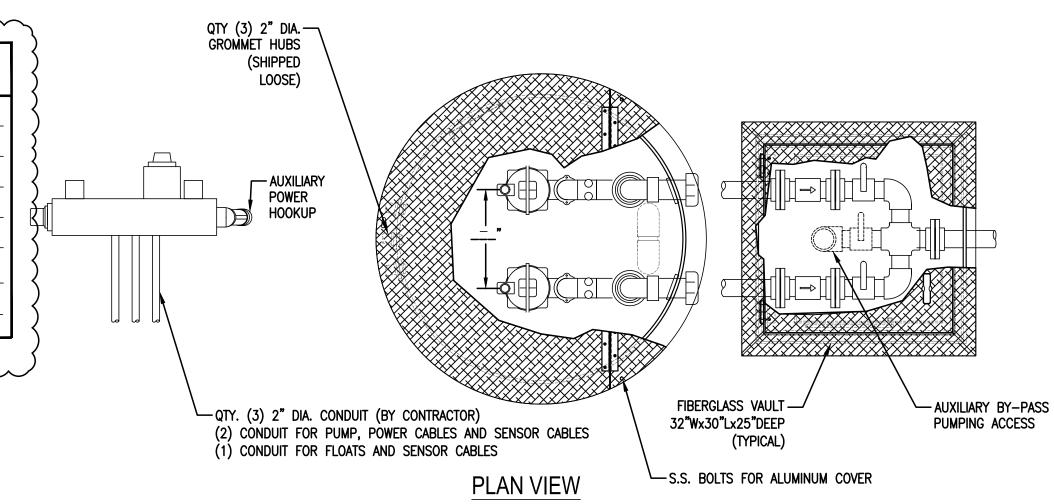


JAA

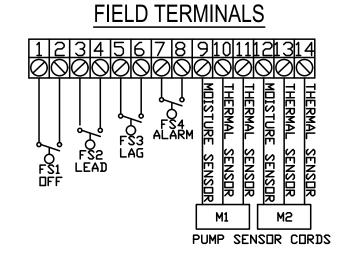
CONTRACTOR IS TO PROVIDE AND POST AN UNOBSTRUCTED SIGN (12"X12" WITH 2" LETTERING) MADE OF DURABLE WEATHER RESISTANT MATERIAL AT A LOCATION VISIBLE TO THE PUBLIC WITH A TELEPHONE NUMBER FOR A POINT OF CONTACT IN CASE OF EMERGENCY AS SHOWN ABOVE





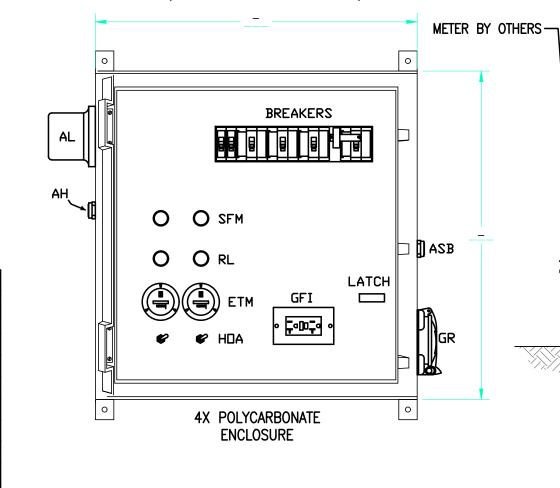


WET WELL/VALVE BOX LAYOUT



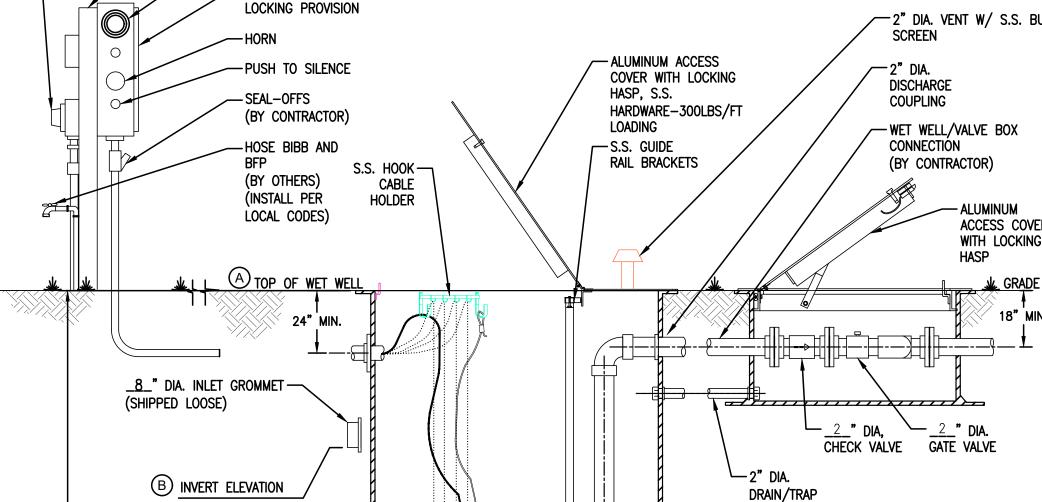
LEGEND

ABBR.	DESCRIPTION
ENC	ENCLOSURE, POLYCARBONATE, NEMA 4X
MCB	MAIN CIRCUIT BREAKER
ECB	EMERGENCY CIRCUIT BREAKER
PCB1,2	PUMP CIRCUIT BREAKER
CCB	CONTROL CIRCUIT BREAKER
GFICB	GFI CIRCUIT BREAKER
GR	GENERATOR RECEPTACLE
GFI	GFI RECEPTACLE
AL	ALARM LIGHT
AH	ALARM HORN
ASB	ALARM SILENCE BUTTON
SFM	SEAL FAIL MODULE
HOA	HAND OFF AUTO SWITCH
RL	RUN LIGHT, GREEN
ETM	ELAPSED TIME METER



ENCLOSURE AND DEADFRONT LAYOUT (TYPICAL)

(OUTER DOOR REMOVED)



CONCRETE MOUNTING POST(S)

(BY CONTRACTOR)

-CONTROL PANEL WITH

— ALARM

LIGHT

FIBERGLASS WET WELL BASIN-

C HIGH WATER-

alarm

APPROVED BY

JAA

AND SERVICE DISCONNECT WITH LIGHTNING ARRESTOR PER LOCAL

PANEL NOTES

ALL PANELS SHALL BE UL LISTED AND CONFORM TO FLORIDA DEP 62-604

- 1) GENERATOR RECEPTACLE WITH INTERLOCK FOR EMERGENCY POWER CONNECTION. 2) SURGE AND LIGHTNING PROTECTION SHALL BE PROVIDED BY CONTRACTOR AND MOUNTED EXTERNAL TO THE CONTROL PANEL.
- 3) PHASE OR VOLTAGE MONITOR SHALL BE PROVIDED IN CONTROL PANEL. 4) ALL PANELS, WET WELL, VALVE BOX, AND ACCESS DOORS SHALL HAVE LOCKABLE MECHANISMS. CONTRACTOR TO PROVIDE KEYED LOCKS.
- 5) POST UNOBSTRUCTED SIGN MADE OF DURABLE WEATHER RESISTANT MATERIAL WITH THE FOLLOWING: PUBLIC NOTICE:
- IN CASE OF EMERGENCY CONTACT:
- 6) THE CONTROL PANEL SHALL BE SUITABLY INSTALLED TO PREVENT SETTLING OR TIPPING.
- 7) FLOAT SWITCHES SHALL BE UL LISTED. 8) SHAFT SEAL FAIL DETECTION

SIGNAGE

A SIGN SHALL BE POSTED AT THE LIFT STATION INDICATING AN EMERGENCY CONTACT NAME AND PHONE NUMBER.

C LEAD DUMP ON		ONTO FRONT LOAD-RAIL SYSTEM
E LEAD PUMP ON		"QUICK DISCONNECT COUPLING" RAIL SYSTEM ALLOWS PUMP REMOVAL WITHOUT ENTRY INTO WET WELL
F PUMP OFF		FIBERGLASS FILLET
		ANTI-FLOTATION RING
G BOTTOM OF WET WELL		CONCRETE GROUT AS REQ'D BY ENGINEER TO PREVENT FLOTATION 6.00 YDS.
		CONCRETE BALLAST AS REQUIRED FOR 48 I.D. (BY CONTRACTOR)
	OF WET WELL	<u>DEPTH = CONCRETE = 4000 LBS/YD</u> 6FT = 1.5 YDS (6000 LBS) 8FT = 2 YDS (8000 LBS)
	SECTION VIEW	10FT = 2.5 YDS (10000 LBS) 12FT = 3 YDS (12000 LBS) 14FT = 3.5 YDS (14000 LBS)

08/14/2023	/3\	REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023	VP/MS	JAA
08/15/2023	\ 4	REVISED PER SJRWMD COMMENTS DATED 07/24/2023	VP/MS	JAA
08/16/2023	<u>\</u> 5	REVISED PER OCU COMMENTS DATED 07/27/2023	VP/MS	JAA
08/17/2023	√ 6	REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023	VP/MS	JAA
08/17/2023		REVISED PER FDOT COMMENTS DATED 07/11/2023	VP/MS	JAA
10/09/2023	\ <u>\</u> 8	REVISED PER CITY COMMENTS DATED 10/04/2023	VP/MS	JAA
DATE		REVISIONS	BY	CHECKED

CORNERSTONE CHARTER ACADEMY **CONSTRUCTION PLANS** CITY OF BELLE ISLE, FLORIDA



5127 S. Orange Avenue, Suite 200
Orlando, FL 32809
Phone: 407-895-0324
Fax: 407-895-0325

www.feg-inc.us

	LIFTST/ LS-2 D	ATION - ETAILS
SIGNED BY	DRAWN BY	CHECKED

VP

	M. AB/-A-11
ECT NO. 22-010	FLORIDA ENGINEERING GROUP, INC. CERTIFICATE NO. EB-0006395
N.T.S.	No 45128
JUNE 23, 2023	フ・STATE OF :W
C-36 r 36 of 50	JEAN ADABI A QUE P ELLICENSE NO ABI28

ELECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE

COPIES.

VERIFIED ON ANY ELECTRONIC

-2" DIA. VENT W/ S.S. BUG

SCREEN

DISCHARGE

COUPLING

 $-\underline{2}$ Dia, $\underline{2}$ Dia. Check valve gate valve

—<u>_2</u>_" dia,

(BY CONTRACTOR)

DISCHARGE PIPE

-S.S. GUIDE RAILS

— S.S. LIFTING BAIL

PUMPS MUST BE MOUNTED

-S.S. LIFTING CABLE/CHAIN

2" DIA SCH80 PVC

CONNECTION

(BY CONTRACTOR)

- WET WELL/VALVE BOX

— ALUMINUM

HASP

ACCESS COVER

WITH LOCKING

PROJECT SUMMARY

CALCULATION DETAILS

• LOADING = HS20/HS25

STORAGE SUMMARY

- PIPE STORAGE VOLUME = 15,619 CF
- BACKFILL STORAGE VOLUME = 5,131 CF
- TOTAL STORAGE PROVIDED = 20,750 CF
- STONE VOID = 40%

PIPE DETAILS

- DIAMETER = 34"
- CORRUGATION = 2 2/3x1/2
- INVERT = 97.00
- COATING = ALT2
- WALL TYPE = XFILTRATION
- BARREL SPACING = 12"

<u>KE</u>	<u>Y</u>

XFILTRATION

CONTAIN

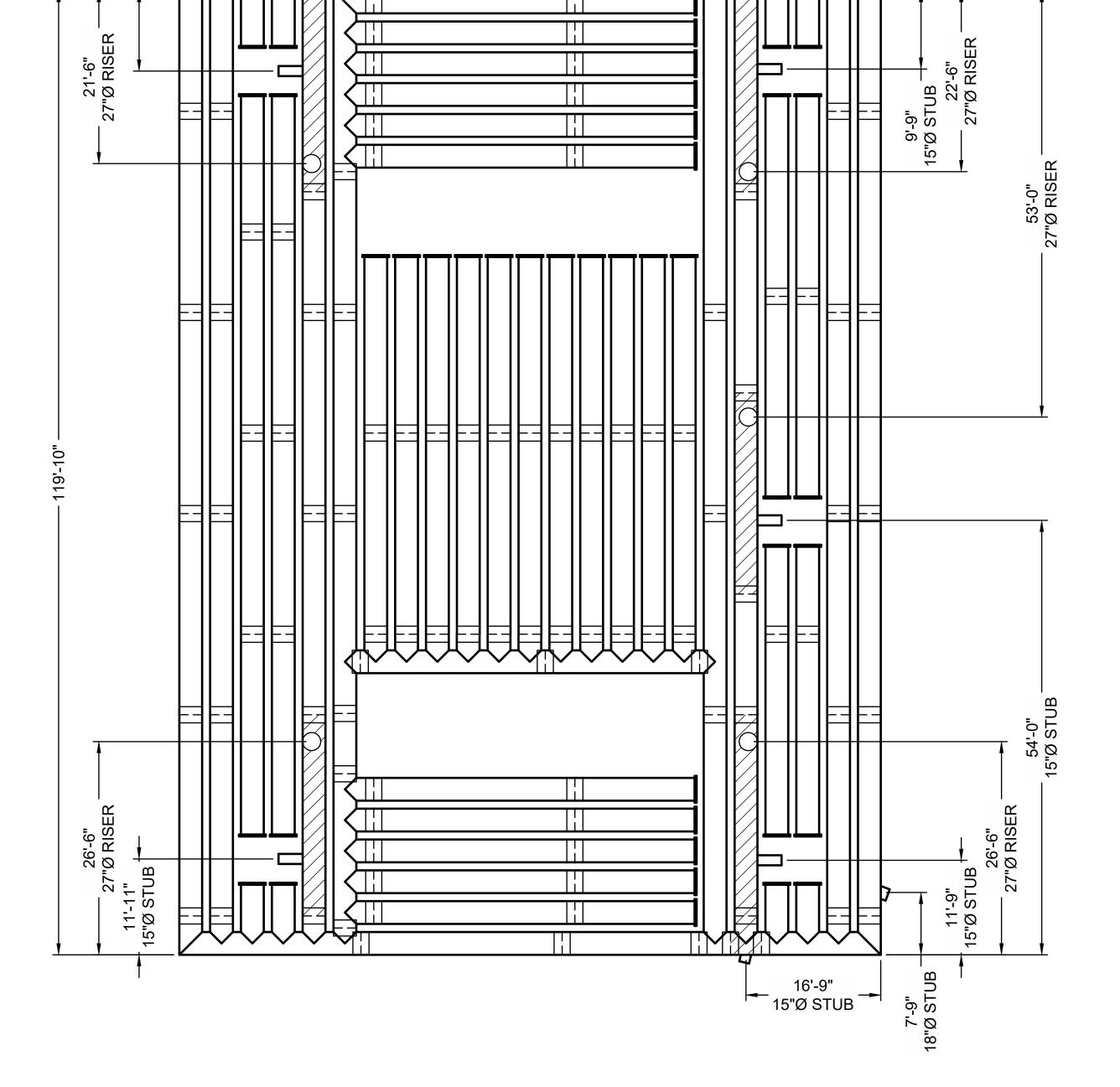
CONTAINMENT BASIN

<u>NOTES</u>

- ALL RISER AND STUB DIMENSIONS ARE TO CENTERLINE. ALL ELEVATIONS, DIMENSIONS, AND LOCATIONS OF RISERS AND INLETS, SHALL BE VERIFIED BY THE ENGINEER OF RECORD PRIOR TO RELEASING FOR FABRICATION.
- ALL FITTINGS AND REINFORCEMENT COMPLY WITH ASTM A998.
- ALL RISERS AND STUBS ARE 23/3" x 1/2" CORRUGATION AND 16 GAGE UNLESS OTHERWISE NOTED.
- RISERS TO BE FIELD TRIMMED TO GRADE.
- QUANTITY OF PIPE SHOWN DOES NOT PROVIDE EXTRA PIPE FOR CONNECTING THE SYSTEM TO EXISTING PIPE OR DRAINAGE STRUCTURES. OUR SYSTEM AS DETAILED PROVIDES NOMINAL INLET AND/OR OUTLET PIPE STUB FOR CONNECTION TO EXISTING DRAINAGE FACILITIES. IF ADDITIONAL PIPE IS NEEDED IT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- BAND TYPE TO BE DETERMINED UPON FINAL DESIGN.
 THE PROJECT SUMMARY IS REFLECTIVE OF THE DYODS DESIGN, QUANTITIES ARE APPROX. AND SHOULD BE VERIFIED UPON FINAL DESIGN AND APPROVAL. FOR EXAMPLE, TOTAL EXCAVATION DOES NOT CONSIDER ALL VARIABLES SUCH AS SHORING
- AND ONLY ACCOUNTS FOR MATERIAL WITHIN THE ESTIMATED EXCAVATION FOOTPRINT.

 THESE DRAWINGS ARE FOR CONCEPTUAL PURPOSES AND DO NOT REFLECT ANY LOCAL PREFERENCES OR REGULATIONS. PLEASE CONTACT YOUR LOCAL

CONTECH REP FOR MODIFICATIONS.



ASSEMBLY SCALE: 1" = 20'

C-37

The design and information shown on this drawing is provided as a service to the project owner, engineer and contractor by			
Contech Engineered Solutions LLC ("Contech"). Neither this drawing, nor any part thereof, may be used, reproduced or modified in any manner without the prior written consent of			
Contech. Failure to comply is done at the user's own risk and Contech expressly disclaims any liability or responsibility for such use.			
If discrepancies between the supplied information upon which the drawing is based and actual field conditions are encountered as site work progresses, these discrepancies must be reported			9025 Ce
to Contech immediately for re-evaluation of the design. Contech accepts no liability for designs based on missing, incomplete or inaccurate information supplied by others.	REVISION DESCRIPTION	BY	800-33

CENTECH*
ENGINEERED SOLUTIONS LLC
www.ContechES.com

9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069 800-338-1122 513-645-7000 513-645-7993 FAX



DYODS

DRAWING

10'-0" 15"Ø STUB

754118-010 Cornerstone Charter Academy
Exfiltration 1 34" CMP
Belle Isle, FL

PROJECT No.:	SEQ. I	No.:	DATE:
754118	01	10	6/20/2023
DESIGNED:		DRAW	N:
DYO			DYO
CHECKED:		APPR	OVED:
DYO			DYO
SHEET NO.:			_
			1

Infiltration Systems - CMP Infiltration & CMP Perforated Drainage Pipe					
Material Location	Description	Material Designation	Designation		
Rigid or Flexible Paveme (if applicable)	nt				
Road Base (if applicable					
Geotextile Layer	Non-Woven Geotextile	CONTECH C-40 or C-45	Engineer Decision for consideration to prevent soil migration into varying soil types. Wrap the trench on		
Backfill	Infiltration pipe systems have a pipe perforation sized of 3/8" diameter. An open graded, free draining stone, with a particle size of ½" – 2 ½" diameter is recommended.	AASHTO M 145- A-1 or AASHTO M 43 - 3, 4	Material shall be worked into the pipe haunches by means of shovel-slicing, rodding, air-tamper, vibrato rod, or other effective methods. Compaction of all placed fill material is necessary and shall be considered adequate when no further yielding of the material is observed under the compactor, or under foot, and the Project Engineer or his representative satisfied with the level of compaction"		
Bedding Stone	Well graded granular bedding material w/maximum particle size of 3"	AASHTO M43 - 3,357,4,467, 5, 56, 57	For soil aggregates larger than 3/8" a dedicated bedding layer is not required for CMP. Pipe may be placed on the trench bottom comprised of native suitable well graded & granular material. For Arch pipes it is recommended to be shaped to a relatively flat bottom or fine-grade the foundation to a slight v-shape. Soil aggregates less than 3/8" and unsuital material should be over-excavated and re-placed wir a 4"-6" layer of well graded & granular stone per the material designation.		
Geotextile Layer	None	None	Contech does not recommend geotextiles be placed under the invert of Infilitration systems due to the propensity for geotextiles to clog over time.		

Note: The listed AASHTO designations are for gradation only. The stone must also be angular and clean.

(1) MINIMUM WIDTH DEPENDS ON SITE CONDITIONS AND ENGINEERING JUDGEMENT.

FOUNDATION/BEDDING PREPARATION

PRIOR TO PLACING THE BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, THEY SHALL BE REMOVED AND BROUGHT BACK TO THE GRADE WITH A FILL MATERIAL AS APPROVED BY THE ENGINEER.

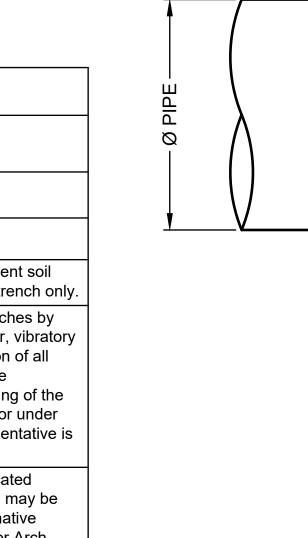
HAUNCH ZONE MATERIAL SHALL BE PLACED AND UNIFORMLY COMPACTED WITHOUT

BACKFILL

MATERIAL SHALL BE PLACED IN 8"-10" MAXIMUM LIFTS. INADEQUATE COMPACTION CAN LEAD TO EXCESSIVE DEFLECTIONS WITHIN THE SYSTEM AND SETTLEMENT OF THE SOILS OVER THE SYSTEM. BACKFILL SHALL BE PLACED SUCH THAT THERE IS NO MORE THAN A TWO-LIFT DIFFERENTIAL BETWEEN THE SIDES OF ANY PIPE IN THE SYSTEM AT ALL TIMES DURING THE BACKFILL PROCESS. BACKFILL SHALL BE ADVANCED ALONG THE LENGTH OF THE SYSTEM AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING ON ANY PIPES IN THE SYSTEM.

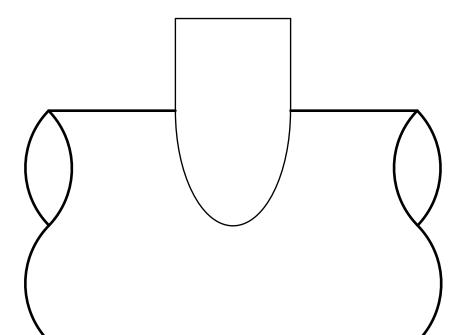
EQUIPMENT USED TO PLACE AND COMPACT THE BACKFILL SHALL BE OF A SIZE AND TYPE SO AS NOT TO DISTORT, DAMAGE, OR DISPLACE THE PIPE. ATTENTION MUST BE GIVEN TO PROVIDING ADEQUATE MINIMUM COVER FOR SUCH EQUIPMENT. MAINTAIN BALANCED LOADING ON ALL PIPES IN THE SYSTEM DURING ALL SUCH OPERATIONS.

OTHER ALTERNATE BACKFILL MATERIAL MAY BE ALLOWED DEPENDING ON SITE SPECIFIC CONDITIONS. REFER TO TYPICAL BACKFILL DETAIL FOR MATERIAL REQUIRED.



FRONT

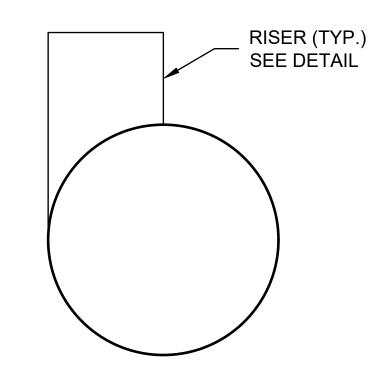
NOTE:
MANWAY DETAIL APPLICABLE FOR CMP SYSTEMS WITH DIAMETERS 48" AND LARGER. MANWAYS MAY BE REQUIRED ON SMALLER SYSTEMS DEPENDING ON ACTUAL SITE SPECIFIC CONDITIONS.



2'-6" --

−Ø PIPE —

PLAN



ELEVATION

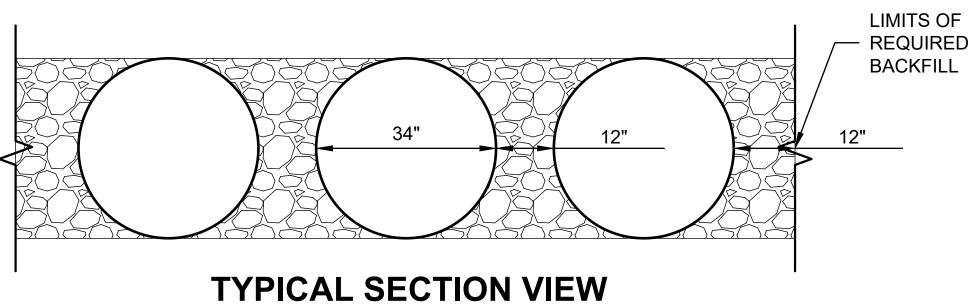
TYPICAL RISER DETAIL SCALE: N.T.S.

TYPICAL MANWAY DETAIL

SCALE: N.T.S.

END

LADDERS ARE OPTIONAL AND ARE NOT REQUIRED FOR ALL SYSTEMS.



SCALE: N.T.S.

C-38₅

The design and information shown on this drawing is provid as a service to the project owner, engineer and contractor by Contech Engineered Solutions LLC ("Contech"). Neither the drawing, nor any part thereof, may be used, reproduced or modified in any manner without the prior written consent of Contech. Failure to comply is done at the user's own risk and Contech expressly disclaims any liability or responsibility for If discrepancies between the supplied information upon which the drawing is based and actual field conditions are encountere as site work progresses, these discrepancies must be reported to Contech immediately for re-evaluation of the design. Contech accepts no liability for designs based on missing, incomplete or inaccurate information supplied by others. DATE **REVISION DESCRIPTION**

CINTECH **ENGINEERED SOLUTIONS LLC** www.ContechES.com

9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069 800-338-1122 513-645-7000 513-645-7993 FAX

CENTECH CMP DETENTION SYSTEMS

DYODS DRAWING

754118-010 Cornerstone Charter Academy Exfiltration 1 34" CMP Belle Isle, FL

PROJECT No.:	SEQ. I	No.:	DATE:	
754118	0	10	6/20/2	023
DESIGNED:		DRAW	'N:	
DYO			DYO	
CHECKED:		APPR	OVED:	
DYO			DYO	
SHEET NO.:				
				2

CONSTRUCTION LOADS

FOR TEMPORARY CONSTRUCTION VEHICLE LOADS, AN EXTRA AMOUNT OF COMPACTED COVER MAY BE REQUIRED OVER THE TOP OF THE PIPE. THE HEIGHT-OF-COVER SHALL MEET THE MINIMUM REQUIREMENTS SHOWN IN THE TABLE BELOW. THE USE OF HEAVY CONSTRUCTION EQUIPMENT NECESSITATES GREATER PROTECTION FOR THE PIPE THAN FINISHED GRADE COVER MINIMUMS FOR NORMAL HIGHWAY TRAFFIC.

PIPE SPAN, INCHES	AXLE LOADS (kips)				
INCHES	18-50	50-75	75-110	110-150	
	MI	NIMUM C	COVER (F	- T)	
12-42	2.0	2.5	3.0	3.0	
48-72	3.0	3.0	3.5	4.0	
78-120	3.0	3.5	4.0	4.0	
126-144	3.5	4.0	4.5	4.5	

*MINIMUM COVER MAY VARY, DEPENDING ON LOCAL CONDITIONS. THE CONTRACTOR MUST PROVIDE THE ADDITIONAL COVER REQUIRED TO AVOID DAMAGE TO THE PIPE. MINIMUM COVER IS MEASURED FROM THE TOP OF THE PIPE TO THE TOP OF THE MAINTAINED CONSTRUCTION ROADWAY SURFACE.

CONSTRUCTION LOADING DIAGRAM SCALE: N.T.S.

SPECIFICATION FOR DESIGNED DETENTION SYSTEM:

SCOP

THIS SPECIFICATION COVERS THE MANUFACTURE AND INSTALLATION OF THE DESIGNED DETENTION SYSTEM DETAILED IN THE PROJECT PLANS.

MATERIAL

THE MATERIAL SHALL CONFORM TO THE APPLICABLE REQUIREMENTS LISTED BELOW:

ALUMINIZED TYPE 2 STEEL COILS SHALL CONFORM TO THE

APPLICABLE REQUIREMENTS OF AASHTO M-274 OR ASTM A-92.

THE GALVANIZED STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-218 OR ASTM A-929

THE POLYMER COATED STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-246 OR ASTM A-742

THE ALUMINUM COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-197 OR ASTM B-744.

CONSTRUCTION LOADS

CONSTRUCTION LOADS MAY BE HIGHER THAN FINAL LOADS. FOLLOW THE MANUFACTURER'S OR NCSPA GUIDELINES.

NOTE: THESE DRAWINGS ARE FOR CONCEPTUAL PURPOSES AND DO NOT REFLECT ANY LOCAL PREFERENCES OR REGULATIONS. PLEASE CONTACT YOUR LOCAL CONTECH REP FOR

PIPE

THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE TO THE APPLICABLE REQUIREMENTS LISTED BELOW:

ALUMINIZED TYPE 2: AASHTO M-36 OR ASTM A-760

GALVANIZED: AASHTO M-36 OR ASTM A-760

POLYMER COATED: AASHTO M-245 OR ASTM A-762

ALUMINUM: AASHTO M-196 OR ASTM B-745

HANDLING AND ASSEMBLY

SHALL BE IN ACCORDANCE WITH NCSP'S (NATIONAL CORRUGATED STEEL PIPE ASSOCIATION) FOR ALUMINIZED TYPE 2, GALVANIZED OR POLYMER COATED STEEL. SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR ALUMINUM PIPE.

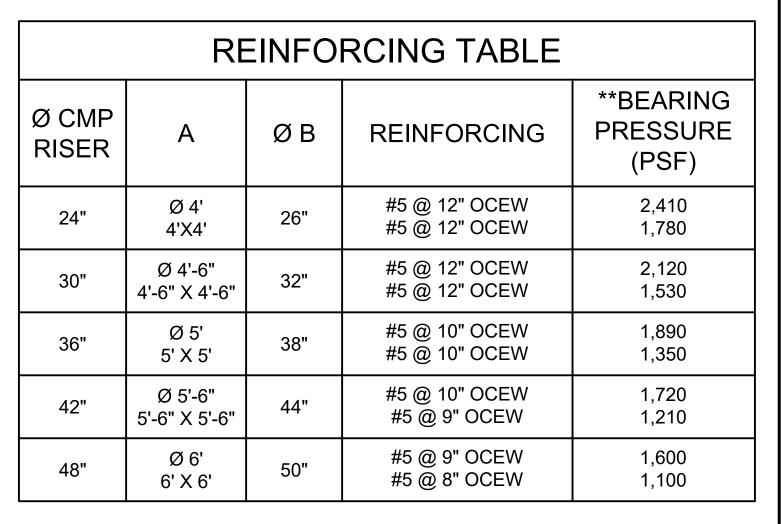
INSTALLATION

SHALL BE IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, SECTION 26, DIVISION II DIVISION II OR ASTM A-798 (FOR ALUMINIZED TYPE 2, GALVANIZED OR POLYMER COATED STEEL) OR ASTM B-788 (FOR ALUMINUM PIPE) AND IN CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. IF THERE ARE ANY INCONSISTENCIES OR CONFLICTS THE CONTRACTOR SHOULD DISCUSS AND RESOLVE WITH THE SITE ENGINEER.

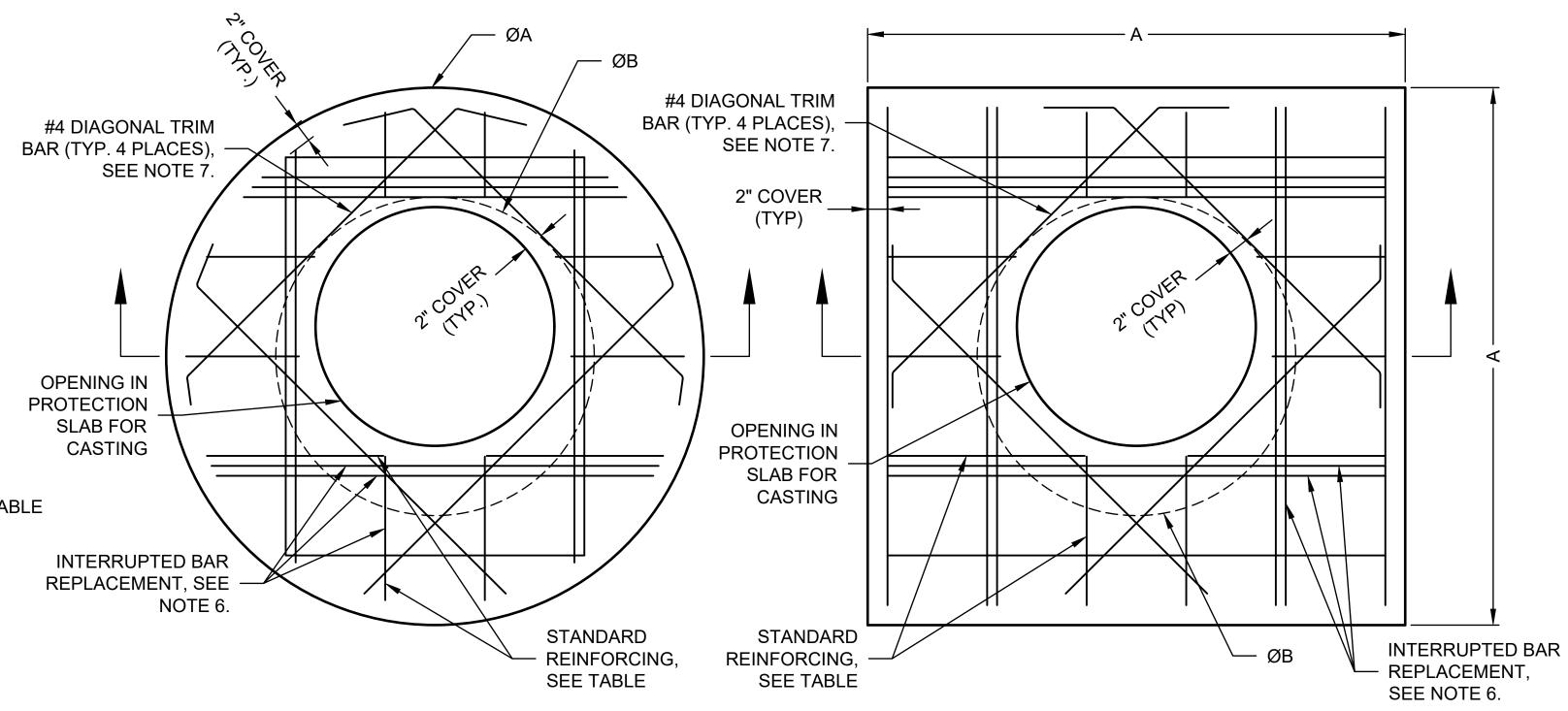
IT IS ALWAYS THE RESPONSIBILITY OF THE CONTRACTOR TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.

GASKET MATERIAL SUFFICIENT TO PREVENT SLAB FROM BEARING ON RISER TO BE PROVIDED BY CONTRACTOR. GASKET MATERIAL SUFFICIENT TO PREVENT SLAB FROM BEARING ON RISER TO BE PROVIDED BY CONTRACTOR.

SECTION VIEW



** ASSUMED SOIL BEARING CAPACITY



ROUND OPTION PLAN VIEW

NOTES:

- 1. DESIGN IN ACCORDANCE WITH AASHTO, 17th EDITION.
- 2. DESIGN LOAD HS25.
- 3. EARTH COVER = 1' MAX.
- 4. CONCRETE STRENGTH = 3,500 psi
- 5. REINFORCING STEEL = ASTM A615, GRADE 60.
- PROVIDE ADDITIONAL REINFORCING AROUND OPENINGS EQUAL TO THE BARS INTERRUPTED, HALF EACH SIDE. ADDITIONAL BARS TO BE IN THE SAME PLANE.

- SQUARE OPTION PLAN VIEW
- 7. TRIM OPENING WITH DIAGONAL #4 BARS, EXTEND BARS A MINIMUM OF 12" BEYOND OPENING, BEND BARS AS REQUIRED TO MAINTAIN BAR COVER.
- 8. PROTECTION SLAB AND ALL MATERIALS TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
- 9. DETAIL DESIGN BY DELTA ENGINEERING, BINGHAMTON, NY.

MANHOLE CAP DETAIL

SCALE: N.T.S.

C-39 50

2	MODIFICATIONS.	IODIFICATIONS.					
	The design and information shown on this drawing is provided as a service to the project owner, engineer and contractor by						
	Contech Engineered Solutions LLC ("Contech"). Neither this drawing, nor any part thereof, may be used, reproduced or modified in any manner without the prior written consent of						
	Contech. Failure to comply is done at the user's own risk and Contech expressly disclaims any liability or responsibility for such use.						
2-0-2	If discrepancies between the supplied information upon which the drawing is based and actual field conditions are encountered						
-02212	as site work progresses, these discrepancies must be reported to Contech immediately for re-evaluation of the design. Contech						
	accepts no liability for designs based on missing, incomplete or inaccurate information supplied by others.	DATE	REVISION DESCRIPTION	BY			

ENGINEERED SOLUTIONS LLC
www.ContechES.com

9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069

800-338-1122 513-645-7000 513-645-7993 FAX

CMP DETENTION SYSTEMS

CONTECH **DYODS** DRAWING

754118-010 Cornerstone Charter Academy Exfiltration 1 34" CMP Belle Isle, FL

PROJECT No.:	SEQ. I		DATE:
754118	0	10	6/20/2023
DESIGNED:		DRAW	/N:
DYO			DYO
CHECKED:		APPR	OVED:
DYO			DYO
SHEET NO.:			
			3

PROJECT SUMMARY

CALCULATION DETAILS

• LOADING = HS20/HS25

STORAGE SUMMARY

- PIPE STORAGE VOLUME = 18,246 CF
- BACKFILL STORAGE VOLUME = 7,301 CF
- TOTAL STORAGE PROVIDED = 25,547 CF
- STONE VOID = 40%

PIPE DETAILS

- DIAMETER = 24"
- CORRUGATION = 2 2/3x1/2
- INVERT = 98.00
- COATING = ALT2
- WALL TYPE = XFILTRATION
- BARREL SPACING = 12"

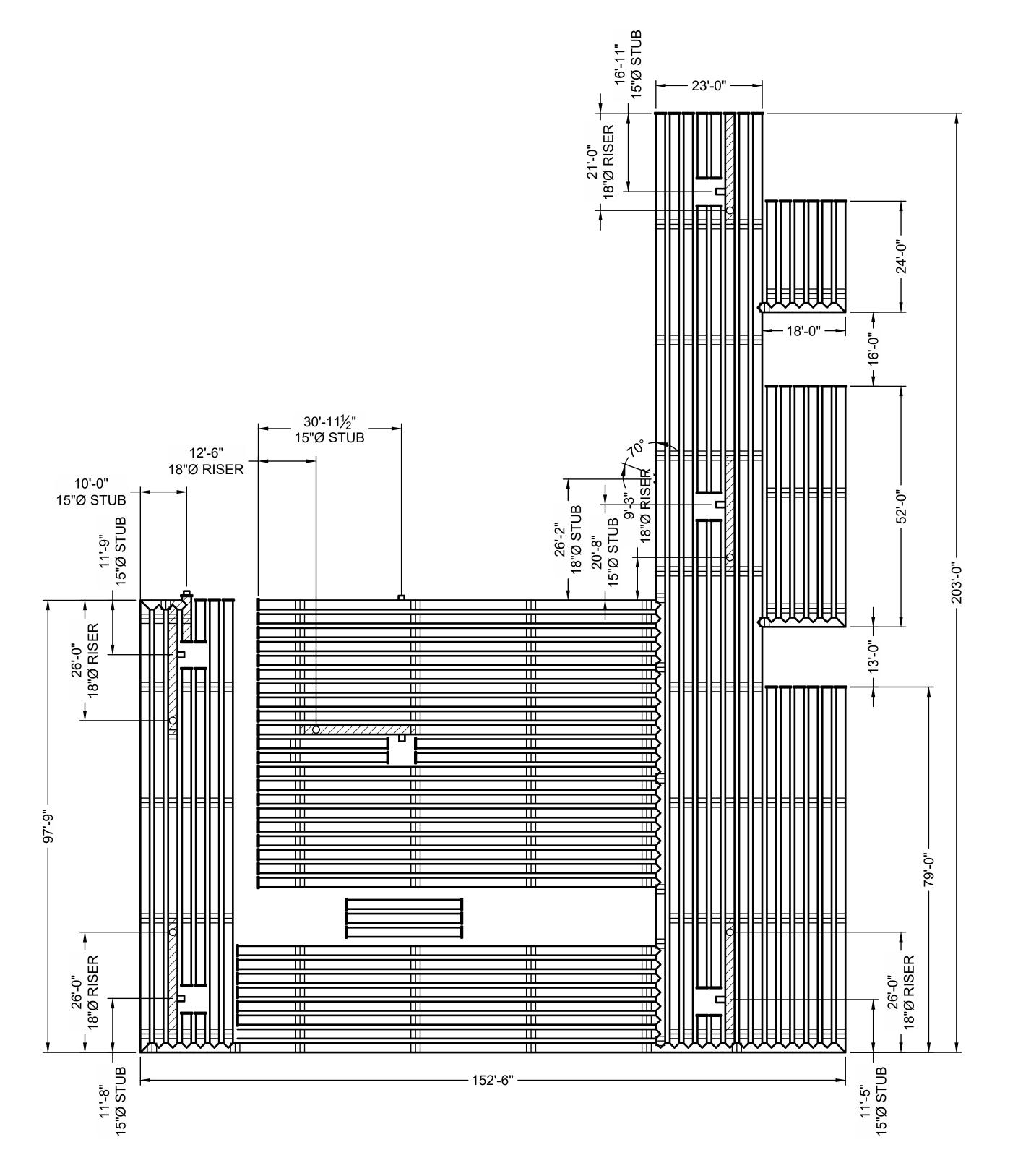
<u>KEY</u>

XFILTRATION

CONTAINMENT BASIN

<u>NOTES</u>

- ALL RISER AND STUB DIMENSIONS ARE TO CENTERLINE. ALL ELEVATIONS, DIMENSIONS, AND LOCATIONS OF RISERS AND INLETS, SHALL BE VERIFIED BY THE ENGINEER OF RECORD PRIOR TO RELEASING FOR FABRICATION.
- ALL FITTINGS AND REINFORCEMENT COMPLY WITH ASTM A998.
- ALL RISERS AND STUBS ARE 2\(^2\)\" x \(^1\)\" CORRUGATION AND 16 GAGE UNLESS OTHERWISE NOTED.
- RISERS TO BE FIELD TRIMMED TO GRADE.
- QUANTITY OF PIPE SHOWN DOES NOT PROVIDE EXTRA PIPE FOR CONNECTING THE SYSTEM TO EXISTING PIPE OR DRAINAGE STRUCTURES. OUR SYSTEM AS DETAILED PROVIDES NOMINAL INLET AND/OR OUTLET PIPE STUB FOR CONNECTION TO EXISTING DRAINAGE FACILITIES. IF ADDITIONAL PIPE IS NEEDED IT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- BAND TYPE TO BE DETERMINED UPON FINAL DESIGN.
- THE PROJECT SUMMARY IS REFLECTIVE OF THE DYODS DESIGN, QUANTITIES ARE APPROX. AND SHOULD BE VERIFIED UPON FINAL DESIGN AND APPROVAL. FOR EXAMPLE, TOTAL EXCAVATION DOES NOT CONSIDER ALL VARIABLES SUCH AS SHORING AND ONLY ACCOUNTS FOR MATERIAL WITHIN THE ESTIMATED EXCAVATION FOOTPRINT.
- THESE DRAWINGS ARE FOR CONCEPTUAL PURPOSES AND DO NOT REFLECT ANY LOCAL PREFERENCES OR REGULATIONS. PLEASE CONTACT YOUR LOCAL CONTECH REP FOR MODIFICATIONS.



ASSEMBLY SCALE: 1" = 30'

C-40₅₀

	The design and information shown on this drawing is provided as a service to the project owner, engineer and contractor by			
Contech Engineered Solutions LLC ("Contech"). Neither this drawing, nor any part thereof, may be used, reproduced or modified in any manner without the prior written consent of				
	Contech. Failure to comply is done at the user's own risk and Contech expressly disclaims any liability or responsibility for such use.			
	If discrepancies between the supplied information upon which the drawing is based and actual field conditions are encountered			
	as site work progresses, these discrepancies must be reported to Contech immediately for re-evaluation of the design. Contech			
	accepts no liability for designs based on missing, incomplete or inaccurate information supplied by others.	DATE	REVISION DESCRIPTION	BY

CENTECH*
ENGINEERED SOLUTIONS LLC
www.ContechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069

800-338-1122 513-645-7000 513-645-7993 FAX

CMP DETENTION SYSTEMS

TENTION SYSTEMS

CONTECH DYODS DRAWING

754118-015 Cornerstone Charter Academy
Exfiltration 2 24" CMP
Belle Isle, FL

PROJECT No.:	SEQ. I	No.:	DATE:
754118	02	20	6/20/2023
DESIGNED:		DRAW	N:
DYO			DYO
CHECKED:		APPR	OVED:
DYO			DYO
SHEET NO.:			_
			1

	1	1	
Material Location	Description	Material Designation	Designation
Rigid or Flexible Paveme (if applicable)	nt		
Road Base (if applicable			
Geotextile Layer	Non-Woven Geotextile	CONTECH C-40 or C-45	Engineer Decision for consideration to prevent soil migration into varying soil types. Wrap the trench only
Backfill	Infiltration pipe systems have a pipe perforation sized of 3/8" diameter. An open graded, free draining stone, with a particle size of ½" – 2 ½" diameter is recommended.	AASHTO M 145- A-1 or AASHTO M 43 - 3, 4	Material shall be worked into the pipe haunches by means of shovel-slicing, rodding, air-tamper, vibrator rod, or other effective methods. Compaction of all placed fill material is necessary and shall be considered adequate when no further yielding of the material is observed under the compactor, or under foot, and the Project Engineer or his representative is satisfied with the level of compaction"
Bedding Stone	Well graded granular bedding material w/maximum particle size of 3"	AASHTO M43 - 3,357,4,467, 5, 56, 57	For soil aggregates larger than 3/8" a dedicated bedding layer is not required for CMP. Pipe may be placed on the trench bottom comprised of native suitable well graded & granular material. For Arch pipes it is recommended to be shaped to a relatively flat bottom or fine-grade the foundation to a slight v-shape. Soil aggregates less than 3/8" and unsuital material should be over-excavated and re-placed wit a 4"-6" layer of well graded & granular stone per the material designation.
Geotextile Layer	None	None	Contech does not recommend geotextiles be placed under the invert of Infilitration systems due to the propensity for geotextiles to clog over time.

Note: The listed AASHTO designations are for gradation only. The stone must also be angular and clean.

MINIMUM WIDTH DEPENDS ON SITE CONDITIONS AND ENGINEERING JUDGEMENT.

FOUNDATION/BEDDING PREPARATION

PRIOR TO PLACING THE BEDDING, THE FOUNDATION MUST BE CONSTRUCTED TO A UNIFORM AND STABLE GRADE. IN THE EVENT THAT UNSUITABLE FOUNDATION MATERIALS ARE ENCOUNTERED DURING EXCAVATION, THEY SHALL BE REMOVED AND BROUGHT BACK TO THE GRADE WITH A FILL MATERIAL AS APPROVED BY THE ENGINEER.

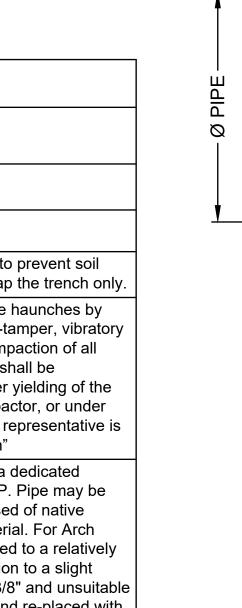
HAUNCH ZONE MATERIAL SHALL BE PLACED AND UNIFORMLY COMPACTED WITHOUT SOFT SPOTS.

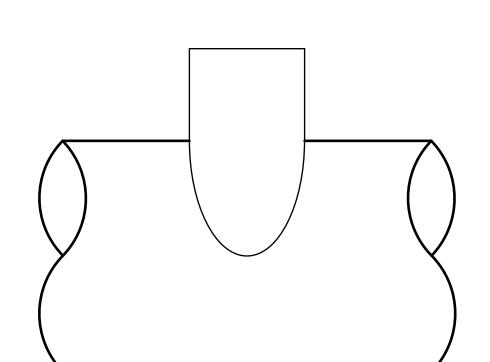
BACKFILL

MATERIAL SHALL BE PLACED IN 8"-10" MAXIMUM LIFTS. INADEQUATE COMPACTION CAN LEAD TO EXCESSIVE DEFLECTIONS WITHIN THE SYSTEM AND SETTLEMENT OF THE SOILS OVER THE SYSTEM. BACKFILL SHALL BE PLACED SUCH THAT THERE IS NO MORE THAN A TWO-LIFT DIFFERENTIAL BETWEEN THE SIDES OF ANY PIPE IN THE SYSTEM AT ALL TIMES DURING THE BACKFILL PROCESS. BACKFILL SHALL BE ADVANCED ALONG THE LENGTH OF THE SYSTEM AT THE SAME RATE TO AVOID DIFFERENTIAL LOADING ON ANY PIPES IN THE SYSTEM.

EQUIPMENT USED TO PLACE AND COMPACT THE BACKFILL SHALL BE OF A SIZE AND TYPE SO AS NOT TO DISTORT, DAMAGE, OR DISPLACE THE PIPE. ATTENTION MUST BE GIVEN TO PROVIDING ADEQUATE MINIMUM COVER FOR SUCH EQUIPMENT. MAINTAIN BALANCED LOADING ON ALL PIPES IN THE SYSTEM DURING ALL SUCH OPERATIONS.

OTHER ALTERNATE BACKFILL MATERIAL MAY BE ALLOWED DEPENDING ON SITE SPECIFIC CONDITIONS. REFER TO TYPICAL BACKFILL DETAIL FOR MATERIAL REQUIRED.





2'-6" --

−Ø PIPE —

PLAN

SEE DETAIL

FRONT

ELEVATION

TYPICAL RISER DETAIL SCALE: N.T.S.

TYPICAL MANWAY DETAIL

SCALE: N.T.S.

END

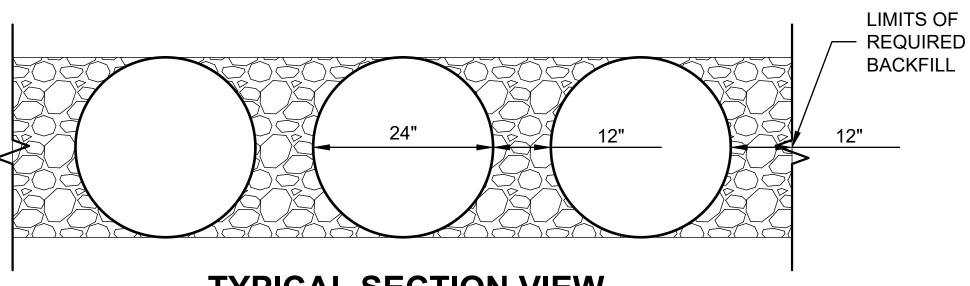
NOTE:
LADDERS ARE OPTIONAL AND ARE NOT

NOTE:
MANWAY DETAIL APPLICABLE FOR CMP

LARGER. MANWAYS MAY BE REQUIRED ON SMALLER SYSTEMS DEPENDING ON ACTUAL SITE SPECIFIC CONDITIONS.

SYSTEMS WITH DIAMETERS 48" AND

RISER (TYP.)



TYPICAL SECTION VIEW
SCALE: N.T.S.

C-41₅₀

The design and information shown on this drawing is provided as a service to the project owner, engineer and contractor by Contech Engineered Solutions LLC ("Contech"). Neither this drawing, nor any part thereof, may be used, reproduced or modified in any manner without the prior written consent of			
Contech. Failure to comply is done at the user's own risk and Contech expressly disclaims any liability or responsibility for such use.			
If discrepancies between the supplied information upon which the drawing is based and actual field conditions are encountered			
as site work progresses, these discrepancies must be reporte to Contech immediately for re-evaluation of the design. Contec			
accepts no liability for designs based on missing, incomplete or inaccurate information supplied by others.	DATE	REVISION DESCRIPTION	BY

ENGINEERED SOLUTIONS LLC
www.ContechES.com

www.ContechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX



CONTECH
DYODS
DRAWING

754118-015 Cornerstone Charter Academy
Exfiltration 2 24" CMP
Belle Isle, FL

PROJECT No.:	SEQ. I	No.:	DATE:
754118	02	20	6/20/2023
DESIGNED:		DRAW	'N:
DYO			DYO
CHECKED:		APPR	OVED:
DYO			DYO
SHEET NO.:			
			2

CONSTRUCTION LOADS

FOR TEMPORARY CONSTRUCTION VEHICLE LOADS, AN EXTRA AMOUNT OF COMPACTED COVER MAY BE REQUIRED OVER THE TOP OF THE PIPE. THE HEIGHT-OF-COVER SHALL MEET THE MINIMUM REQUIREMENTS SHOWN IN THE TABLE BELOW. THE USE OF HEAVY CONSTRUCTION EQUIPMENT NECESSITATES GREATER PROTECTION FOR THE PIPE THAN FINISHED GRADE COVER MINIMUMS FOR NORMAL HIGHWAY TRAFFIC.

PIPE SPAN, INCHES	AXLE LOADS (kips)				
INCLIES	18-50	50-75	75-110	110-150	
	MI	NIMUM C	COVER (F	- T)	
12-42	2.0	2.5	3.0	3.0	
48-72	3.0	3.0	3.5	4.0	
78-120	3.0	3.5	4.0	4.0	
126-144	3.5	4.0	4.5	4.5	

*MINIMUM COVER MAY VARY, DEPENDING ON LOCAL CONDITIONS. THE CONTRACTOR MUST PROVIDE THE ADDITIONAL COVER REQUIRED TO AVOID DAMAGE TO THE PIPE. MINIMUM COVER IS MEASURED FROM THE TOP OF THE PIPE TO THE TOP OF THE MAINTAINED CONSTRUCTION ROADWAY SURFACE.

CONSTRUCTION LOADING DIAGRAM SCALE: N.T.S.

SPECIFICATION FOR DESIGNED DETENTION SYSTEM:

SCOP

THIS SPECIFICATION COVERS THE MANUFACTURE AND INSTALLATION OF THE DESIGNED DETENTION SYSTEM DETAILED IN THE PROJECT PLANS.

MATERIAL

THE MATERIAL SHALL CONFORM TO THE APPLICABLE REQUIREMENTS LISTED BELOW:

ALUMINIZED TYPE 2 STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-274 OR ASTM A-92.

THE GALVANIZED STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-218 OR ASTM A-929

THE POLYMER COATED STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-246 OR ASTM A-742

THE ALUMINUM COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-197 OR ASTM B-744.

CONSTRUCTION LOADS

CONSTRUCTION LOADS MAY BE HIGHER THAN FINAL LOADS. FOLLOW THE MANUFACTURER'S OR NCSPA GUIDELINES.

NOTE: THESE DRAWINGS ARE FOR CONCEPTUAL PURPOSES AND DO NOT REFLECT ANY LOCAL PREFERENCES OR REGULATIONS. PLEASE CONTACT YOUR LOCAL CONTECH REP FOR

PIPE

THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE TO THE APPLICABLE REQUIREMENTS LISTED BELOW:

ALUMINIZED TYPE 2: AASHTO M-36 OR ASTM A-760

GALVANIZED: AASHTO M-36 OR ASTM A-760

POLYMER COATED: AASHTO M-245 OR ASTM A-762

ALUMINUM: AASHTO M-196 OR ASTM B-745

HANDLING AND ASSEMBLY

SHALL BE IN ACCORDANCE WITH NCSP'S (NATIONAL CORRUGATED STEEL PIPE ASSOCIATION) FOR ALUMINIZED TYPE 2, GALVANIZED OR POLYMER COATED STEEL. SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR ALUMINUM PIPE.

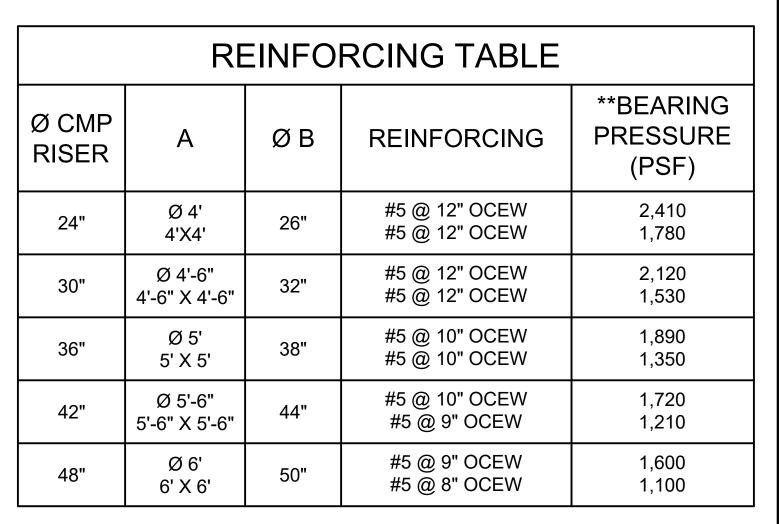
INSTALLATION

SHALL BE IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, SECTION 26, DIVISION II DIVISION II OR ASTM A-798 (FOR ALUMINIZED TYPE 2, GALVANIZED OR POLYMER COATED STEEL) OR ASTM B-788 (FOR ALUMINUM PIPE) AND IN CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. IF THERE ARE ANY INCONSISTENCIES OR CONFLICTS THE CONTRACTOR SHOULD DISCUSS AND RESOLVE WITH THE SITE ENGINEER.

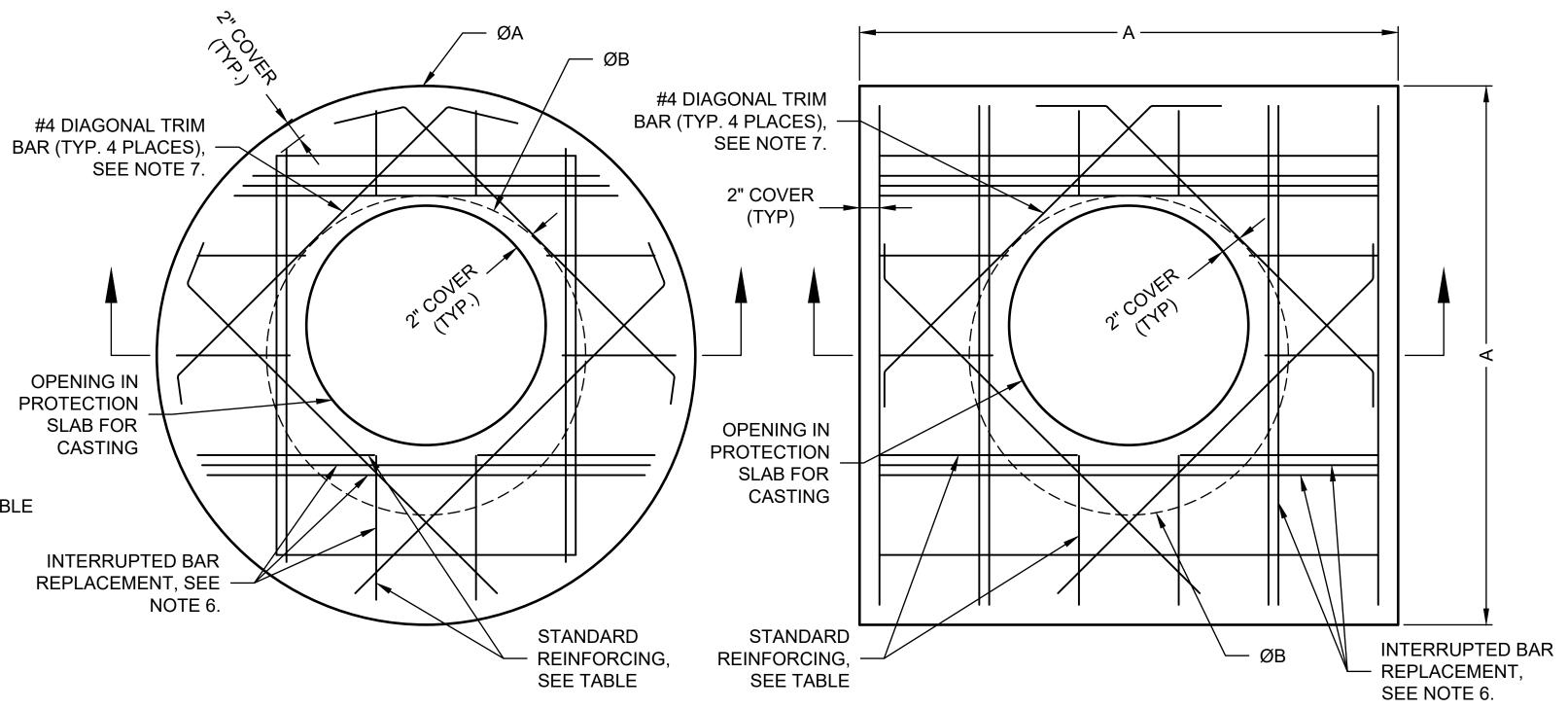
IT IS ALWAYS THE RESPONSIBILITY OF THE CONTRACTOR TO FOLLOW OSHA GUIDELINES FOR SAFE PRACTICES.

GASKET MATERIAL SUFFICIENT TO PREVENT SLAB FROM BEARING ON RISER TO BE PROVIDED BY CONTRACTOR.

SECTION VIEW



** ASSUMED SOIL BEARING CAPACITY



ROUND OPTION PLAN VIEW

NOTES:

- 1. DESIGN IN ACCORDANCE WITH AASHTO, 17th EDITION.
- 2. DESIGN LOAD HS25.
- 3. EARTH COVER = 1' MAX.
- 4. CONCRETE STRENGTH = 3,500 psi
- 5. REINFORCING STEEL = ASTM A615, GRADE 60.
- PROVIDE ADDITIONAL REINFORCING AROUND OPENINGS EQUAL TO THE BARS INTERRUPTED, HALF EACH SIDE. ADDITIONAL BARS TO BE IN THE SAME PLANE.

SQUARE OPTION PLAN VIEW

- 7. TRIM OPENING WITH DIAGONAL #4 BARS, EXTEND BARS A MINIMUM OF 12" BEYOND OPENING, BEND BARS AS REQUIRED TO MAINTAIN BAR COVER.
- 8. PROTECTION SLAB AND ALL MATERIALS TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
- 9. DETAIL DESIGN BY DELTA ENGINEERING, BINGHAMTON, NY.

MANHOLE CAP DETAIL

SCALE: N.T.S.

C-42 ₄₂ 50

MODIFICATIONS.						
The design and information shown on this drawing is provided as a service to the project owner, engineer and contractor by						
Contech Engineered Solutions LLC ("Contech"). Neither this Irawing, nor any part thereof, may be used, reproduced or nodified in any manner without the prior written consent of						
Contech. Failure to comply is done at the user's own risk and Contech expressly disclaims any liability or responsibility for such use.						
If discrepancies between the supplied information upon which the drawing is based and actual field conditions are encountered						
as site work progresses, these discrepancies must be reported to Contech immediately for re-evaluation of the design. Contech						
accepts no liability for designs based on missing, incomplete or inaccurate information supplied by others.	DATE	REVISION DESCRIPTION	BY			

CENTECH*
ENGINEERED SOLUTIONS LLC
www.ContechES.com

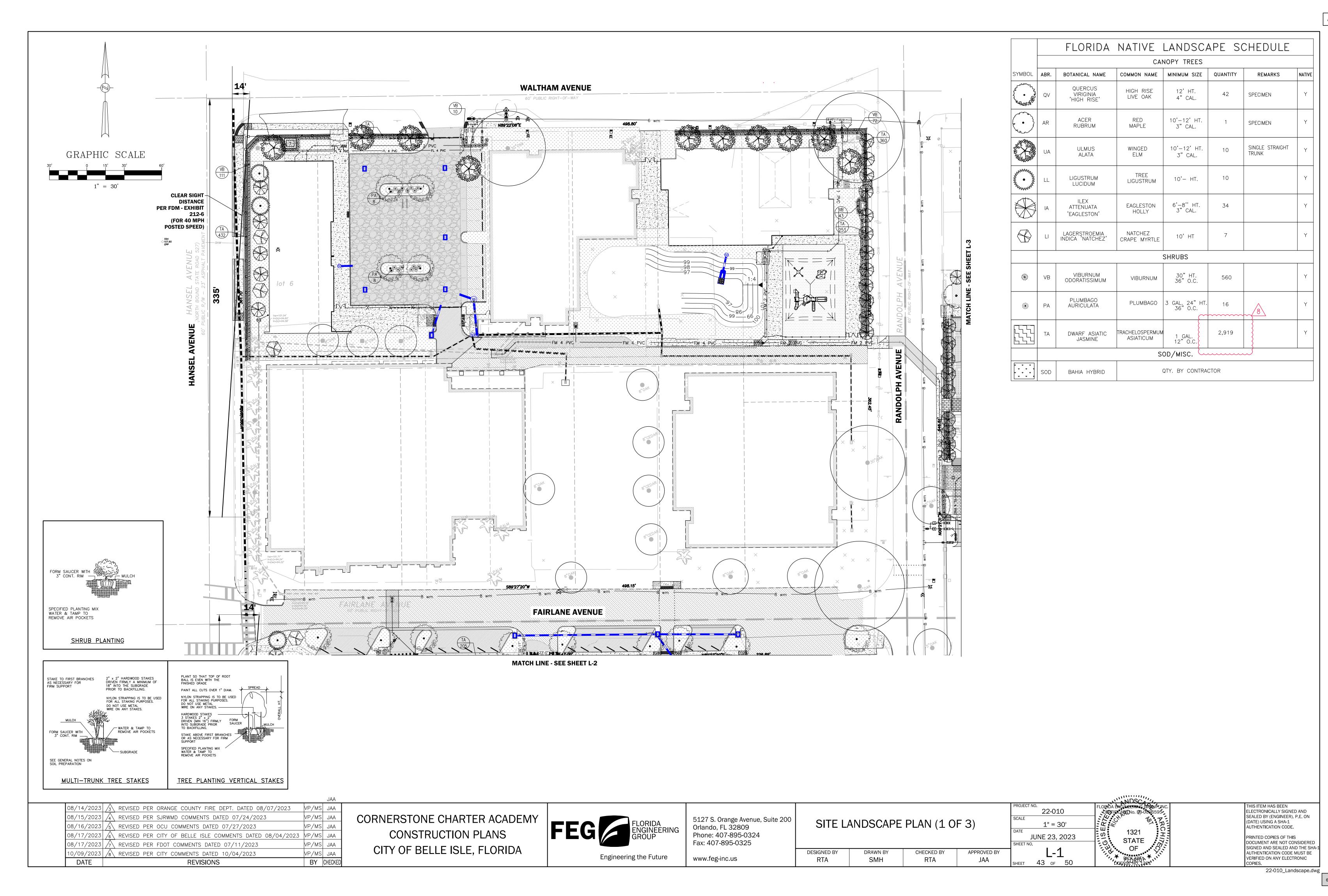
www.ContechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

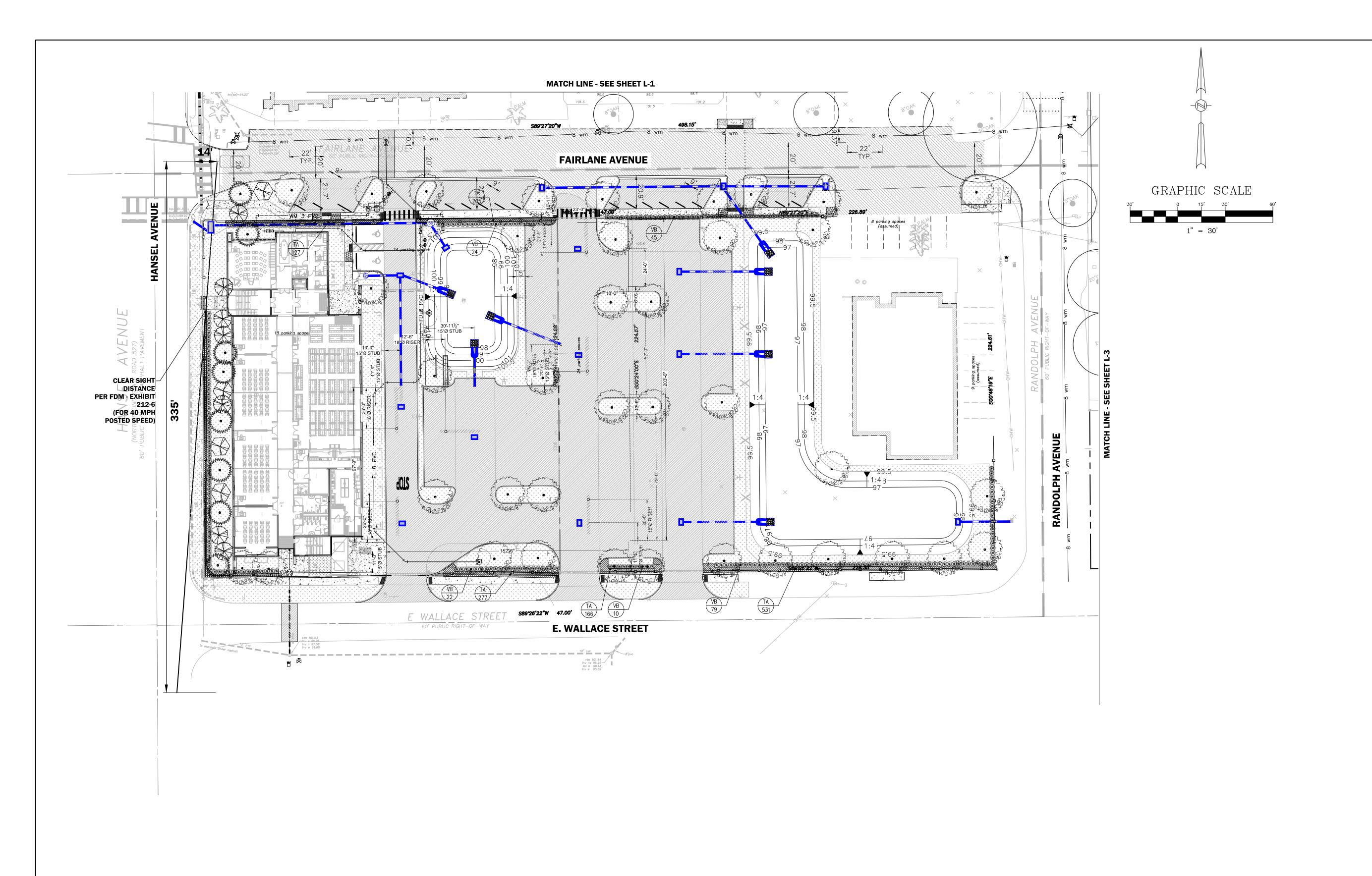
CENTION SYSTEMS

CONTECH
DYODS
DRAWING

754118-015 Cornerstone Charter Academy Exfiltration 2 24" CMP Belle Isle, FL

	DYO CKED: DYO ET NO.:			DYO OVED: DYO	
	DYO			DYO	
DESIG			DIVAVV		
DESIG	GNED:		DIVAVV	IN.	
			DRAW	/N·	
7	754118	02	20	6/20/2023	
PROJ	JECT No.:	SEQ. No.:		DATE:	





			JAA	
08/14/2023	REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023	VP/MS	JAA	Г
08/15/2023	REVISED PER SJRWMD COMMENTS DATED 07/24/2023	VP/MS	JAA	
08/16/2023	REVISED PER OCU COMMENTS DATED 07/27/2023	VP/MS	JAA	
08/17/2023	REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/202	23 VP/MS	JAA	
08/17/2023	REVISED PER FDOT COMMENTS DATED 07/11/2023	VP/MS	JAA	
10/09/2023	REVISED PER CITY COMMENTS DATED 10/04/2023	VP/MS	JAA	
DATE	REVISIONS	BY	CHECKED	

CORNERSTONE CHARTER ACADEMY
CONSTRUCTION PLANS
CITY OF BELLE ISLE, FLORIDA



5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325

www.feg-inc.us

Suite 200	SITE LA	ANDSCAPE	PLAN (2 O	F 3)
	DESIGNED BY	DRAWN BY	CHECKED BY	APPRO

NDSCA	
FLORIDA EMGINEETING GRAUP, INC. CERTIECATEDIO. FB-0006595	
A SOL	
1321 E	
OF OF	
LICENSENO 1321	

22-010

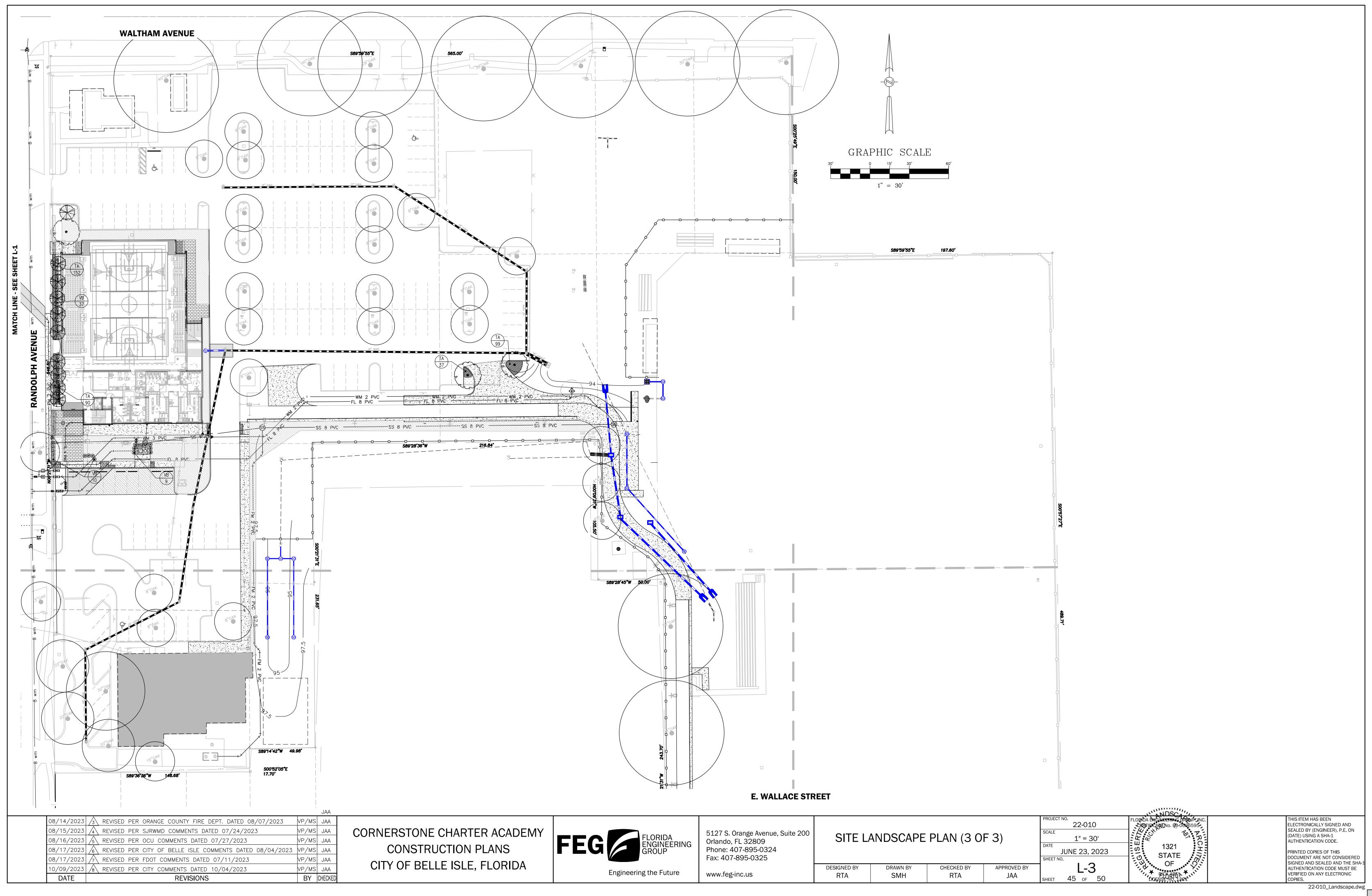
1" = 30'

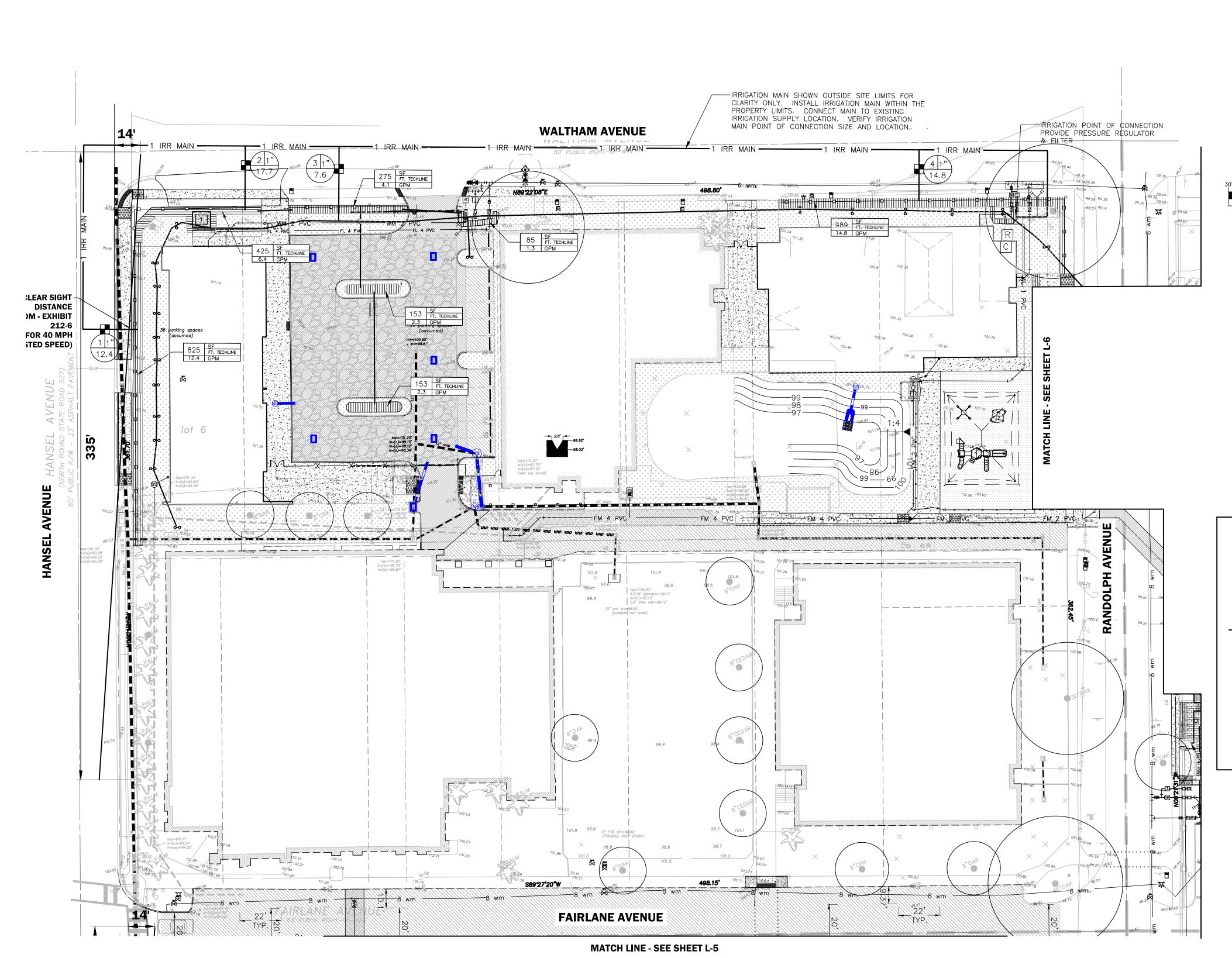
JUNE 23, 2023

44 of 50

APPROVED BY

THIS ITEM HAS BEEN
ELECTRONICALLY SIGNED AND
SEALED BY (ENGINEER), P.E. ON
(DATE) USING A SHA-1
AUTHENTICATION CODE.
PRINTED COPIES OF THIS
DOCUMENT ARE NOT CONSIDERED



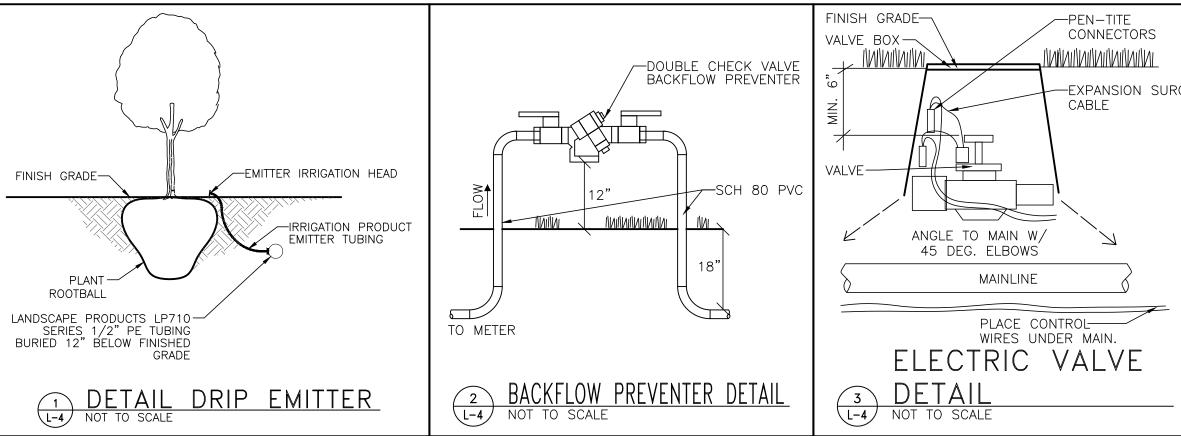


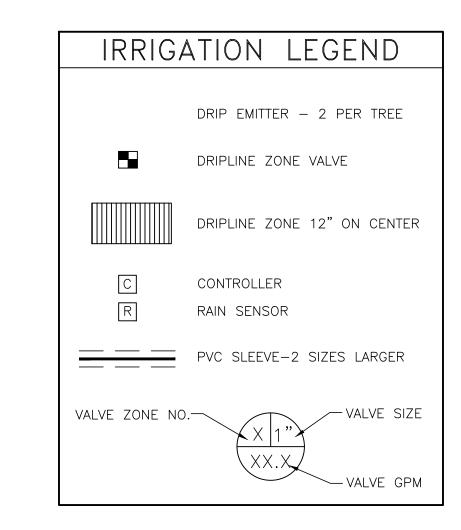
IRRIGATION NOTES:

GRAPHIC SCALE

1" = 30'

- 1. CONTRACTOR SHALL INSTALL A COMPLETE IRRIGATION SYSTEM WHICH PROVIDES 100% COVERAGE OF ALL PLANTED AREAS PROVIDE ALL PIPING, VALVES, VALVE BOXES, & WIRING AS REQUIRED FOR A COMPLETE & OPERATIONAL IRRIGATION SYSTEM.
- 2. ALL IRRIGATION PIPING WHICH IS LOCATED UNDER PAVEMENT SHALL BE ENCASED IN A SLEEVE TWO SIZES LARGER THAN THE IRRIGATION LINE.
- 3. CONTRACTOR TO PROVIDE A DOUBLE DETECTOR CHECK VALVE AT THE POINT OF WATER SERVICE IN ADDITION TO AN IRRIGATION METER. COORDINATE LOCATION WITH OTHER UTILITIES & GENERAL CONTRACTOR.
- 4. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY & ALL PERMITS REQUIRED FOR THE INSTALLATION OR CONSTRUCTION OF THE WORK INCLUDED IN THIS CONTRACT.
- 5. COORDINATE LOCATION OF IRRIGATION CONTROLLER WITH OWNER & GENERAL CONTRACTOR.
- 6. PROVIDE A RAIN SWITCH EQUIVALENT TO TORO RAIN SWITCH #850-74. MOUNT ON BUILDING IN AN INCONSPICUOUS LOCATION EXPOSED TO NORMAL RAINFALL & PER MFRS. SUGGESTIONS.
- 7. OBTAIN INSPECTION & APPROVAL OF ALL BURIED PIPING PRIOR TO BACKFILLING.
- ADJUST DESIGN OF SYSTEM WHERE NECESSARY TO AVOID CONFLICTS IN THE FIELD WITH LANDSCAPING OR UTILITY LINES.
- 9. IRRIGATION CONTROLLER IS HUNTER IRRIGATION CONTROLLER SIZED APPROPRIATELY TO SUPPORT THE SYSTEM DESIGN. GET APPROVAL FROM OWNER PRIOR TO IMNSTALLATION. COORDINATE WITH CONTRACTOR FOR POWER REQUIREMENTS AND CONFIRM LOCATION WITH OWNER.
- 10. PROGRAM IRRIGATION CONTROLLER TO PROVIDE 0.5 INCH OF WATER PER WEEK. SCHEDULE HEADS TO OPERATE DURING MORNING HOURS.
- 11. ALL MAINLINE PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OF COVER. ALL LATERAL PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 12" OF COVER.
- 12. THROTTLE ALL VALVES ON SHRUB LINES AS REQUIRED TO PREVENT FOGGING.
- 13. ALL CONTROL WIRE SPLICES SHALL BE MADE IN VALVE BOXES USING SNAP-TITE CONNECTORS &
- 14. THE CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING SHOWING ALL IRRIGATION INSTALLATIONS.THE DRAWING SHALL LOCATE ALL VALVES & MAINLINES BY SHOWING EXACT MEASUREMENTS FROM HARD SURFACES OR STRUCTURES.
- 15. ANY PIPING SHOWN OUTSIDE THE PROPERTY LINE OR RUNNING OUTSIDE A IRRIGATION AREA IS SHOWN THERE FOR CLARITY ONLY. ALL LINES SHALL BE INSTALLED ON THE PROPERTY & INSIDE THE IRRIGATIOND AREAS.
- 16. ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST ALL DEFECTS IN EQUIPMENT & WORKMANSHIP.
- 17. ELECTRICAL SERVICE TO ALL EQUIPMENT SHALL BE PROVIDED TO A JUNCTION BOX AT THE EQUIPMENT LOCATION BY OTHERS.
- 18. ALL IRRIGATION SLEEVES ARE TO HAVE BEEN INSTALLED BY GENERAL CONTRACTOR AT TIME OF UTILITY CONSTRUCTION.





22-010

TOTAL IRRIGATED AREA = 8,287 SF REQUIRED IRRIGATION = 0.5"/WEEK TOTAL IRRIGATION DEMAND = 2,595 GAL/WEEK = 371 GPD IRRIGATION TO BE PROVIDED THRU 1" IRRIGATION METER

08/14/2023	REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023	VP/MS	JAA
08/15/2023	REVISED PER SJRWMD COMMENTS DATED 07/24/2023	VP/MS	JAA
08/16/2023	REVISED PER OCU COMMENTS DATED 07/27/2023	VP/MS	JAA
08/17/2023	REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023	VP/MS	JAA
08/17/2023	REVISED PER FDOT COMMENTS DATED 07/11/2023	VP/MS	JAA
10/09/2023	REVISED PER CITY COMMENTS DATED 10/04/2023	VP/MS	JAA
DATE	REVISIONS	BY	CHECKED

CORNERSTONE CHARTER ACADEMY CONSTRUCTION PLANS CITY OF BELLE ISLE, FLORIDA



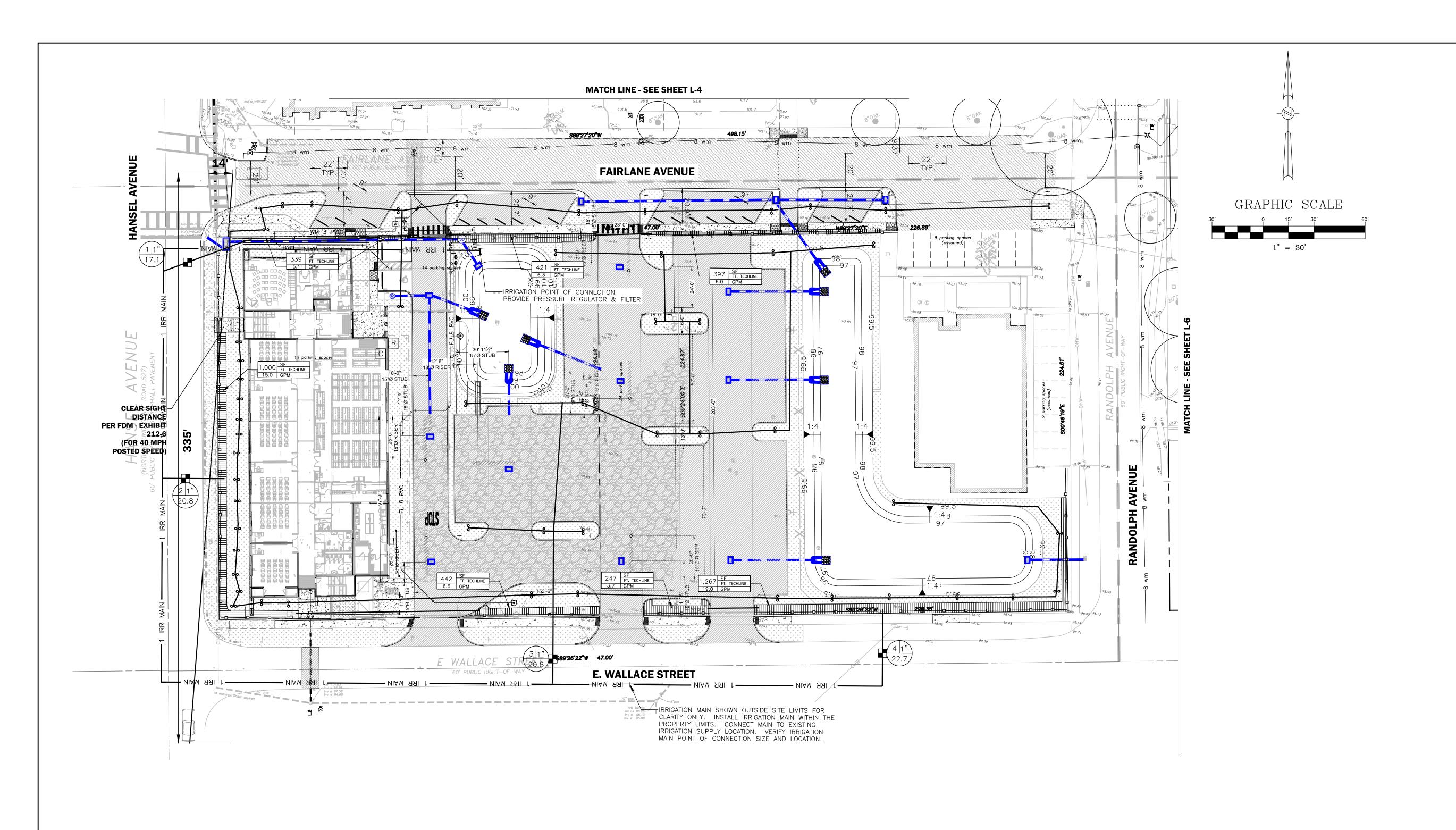
www.feg-inc.us

Prange Avenue, Suite 200 FL 32809	SITE IRRIGATION PLAN (4 O
07-895-0324	,
895-0325	

SITE IF	RRIGATION	PLAN (4 OI	F 6)	1" = 30'	
		`	,	JUNE 23, 202	23
				SHEET NO.	
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	1 L-4	
RTA	SMH	RTA	JAA	SHEET 46 OF 50)

.,,,,,	NDSC	1111
FLORIDA EM	GINEERING AFEDNO. F/B-	GRAUP, INC
A S	Ki	图另
SE	1321	CH
0,	STATE	
*	PEKAPT	* * * * * * * * * * * * * * * * * * * *
I LIQI	FINSE NO. 1.	Ş Kπ

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS



			JAA	
08/14/2023	REVISED PER ORANGE COUNTY FIRE DEPT. DATED 08/07/2023	VP/MS	JAA	
08/15/2023	REVISED PER SJRWMD COMMENTS DATED 07/24/2023	VP/MS	JAA	
08/16/2023	REVISED PER OCU COMMENTS DATED 07/27/2023	VP/MS	JAA	
08/17/2023	REVISED PER CITY OF BELLE ISLE COMMENTS DATED 08/04/2023	VP/MS	JAA	
08/17/2023	REVISED PER FDOT COMMENTS DATED 07/11/2023	VP/MS	JAA	
10/09/2023	8 REVISED PER CITY COMMENTS DATED 10/04/2023	VP/MS	JAA	
DATE	REVISIONS	BY	CHECKED	

CORNERSTONE CHARTER ACADEMY CONSTRUCTION PLANS CITY OF BELLE ISLE, FLORIDA



5127 S. Orange Avenue, Suite 200 Orlando, FL 32809 Phone: 407-895-0324 Fax: 407-895-0325

www.feg-inc.us

SITE IF	RRIGATION	PLAN (5 OF	- 6)
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY

RTA

RTA

NDSC4
FLORIDA ENGINEERING GRAVE, INC. CERTIFICATEDNO. FB-0006595
A STANDED TO
1321 STATE
OF OF
TIOENSENO 1357

22-010

1" = 30'

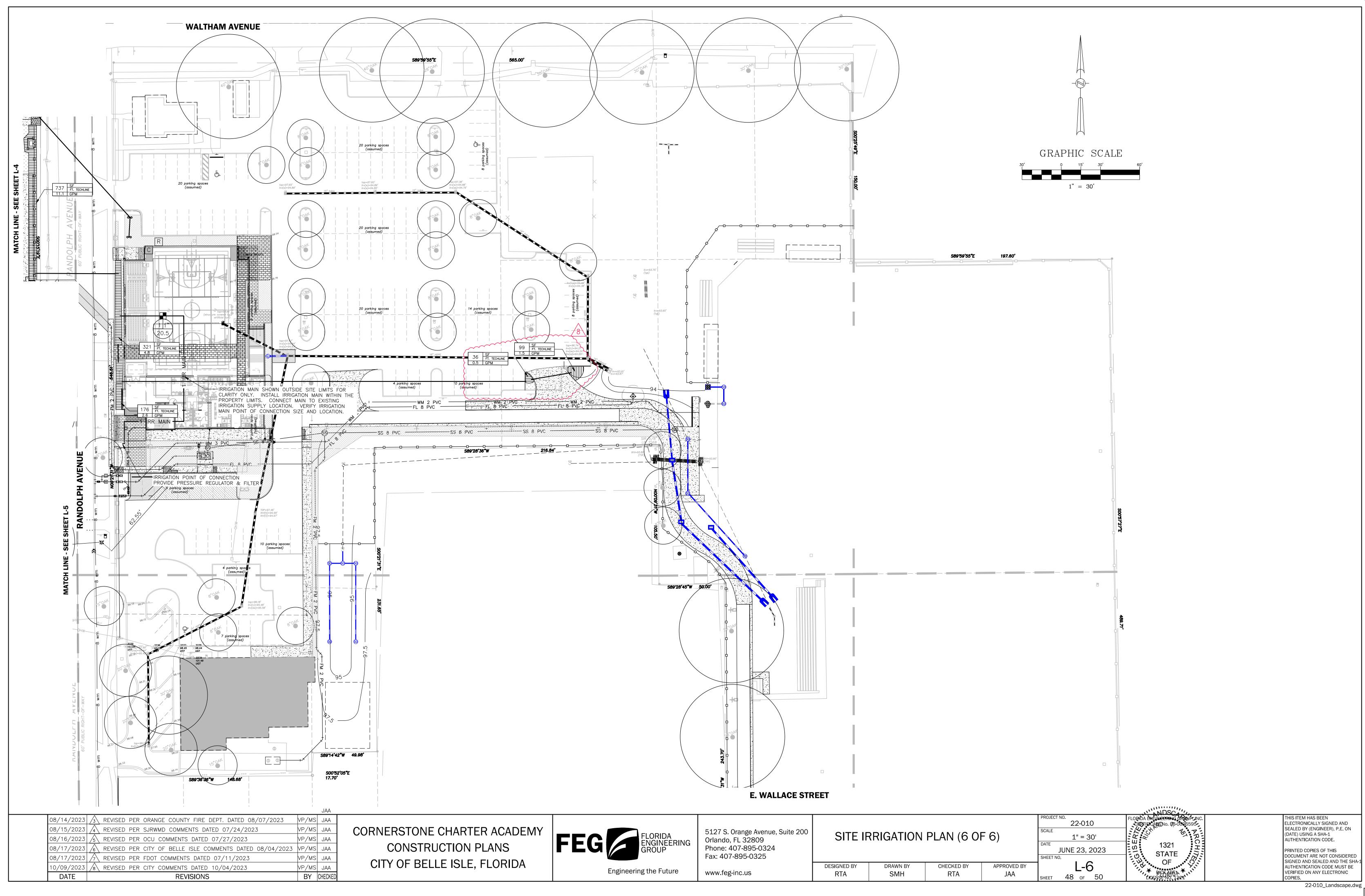
JUNE 23, 2023

L-5

47 of 50

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY (ENGINEER), P.E. ON (DATE) USING A SHA-1 AUTHÉNTICATION CODE. PRINTED COPIES OF THIS

DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA-AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC



LUMINAIRE SCHEDULE											
SYMBOL	QTY	LABEL	ARRANGEMENT	MANUFACTURER	CATALOG NUMBER	MOUNTING	EMERGENCY	LLF	LUMINAIRE LUMENS	LUMINAIRE WATTS	ARRANGEMENT WATTS
占	10	SA	Single	Lithonia Lighting	DSX0 LED P7 40K 70CRI T4M HS	POLE MOUNTED: 20' A.F.G.	N/A	0.900	17739	170.81	170.81
占	1	SB	Single	Lithonia Lighting	DSX0 LED P7 40K 70CRI BLC3	POLE MOUNTED: 20' A.F.G.	N/A	0.900	14777	170.81	170.81
呂	3	sc	Back-Back	Lithonia Lighting	DSX0 LED P7 40K 70CRI T5M	POLE MOUNTED: 20' A.F.G.	N/A	0.900	21214	170.81	341.62
占	1	SD	Single	Lithonia Lighting	DSX0 LED P7 40K 70CRI RCCO	POLE MOUNTED: 20' A.F.G.	N/A	0.900	14914	170.81	170.81
Å	10	SF1	Single	Lithonia Lighting	DSX0 LED P4 40K 70CRI BLC3	POLE MOUNTED: 20' A.F.G.	N/A	0.900	8094	93.04	93.04
	2	SF2	Single	Lithonia Lighting	DSX0 LED P4 40K 70CRI RCCO	POLE MOUNTED: 20' A.F.G.	N/A	0.900	8170	93.04	93.04

CALCULATION SUMMARY										
LABEL	CALC TYPE	UNITS	SPACING L-R (FT)	SPACING T-B (FT)	HEIGHT (FT)	AVG	мах	MIN	AVG/MIN	MAX/MIN
QUEUING LANE	Illuminance	Fc	5	5	0	2.42	5.3	1.1	2.20	4.82
SITE - NW	Illuminance	Fc	8	8	0	4.39	6.6	1.1	3.99	6.00
SITE - SW	Illuminance	Fc	8	8	0	4.18	8.6	1.1	3.80	7.82
SPILL	Illuminance	Fc	8	N.A.	N.A.	0.03	0.5	0.0	N.A.	N.A.

8323 NW 12th St. Suite 106 Doral, FL 33126 tel: 305.593.9959 AA #26001093

> PROJECT: CORNERSTONE CHARTER ACADEMY

www.civicagroup.com



6300 HANSEL AVE. BELLE ISLE, FL 32809

PARCEL ID:

24-23-29-8820-00-050 24-23-29-3400-00-073 24-23-29-3400-00-092 24-23-29-3400-00-093 24-23-29-3400-00-094 24-23-29-3400-00-095 24-23-29-3400-00-114

APPLICANT: CORNERSTONE CHARTER ACADEMY 906 WALTHAM AVE. BELLE ISLE, FL 32809

ISSUED FOR: **SUBMITTAL SET**

CIVICA PROJECT No 220208

CONSULTANTS:

No.	DATE	ISSUED FOR	BY

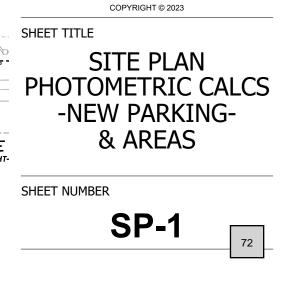
TM	JG/ RL
DATE	SCALE:
06/26/2023	AS SHOWN

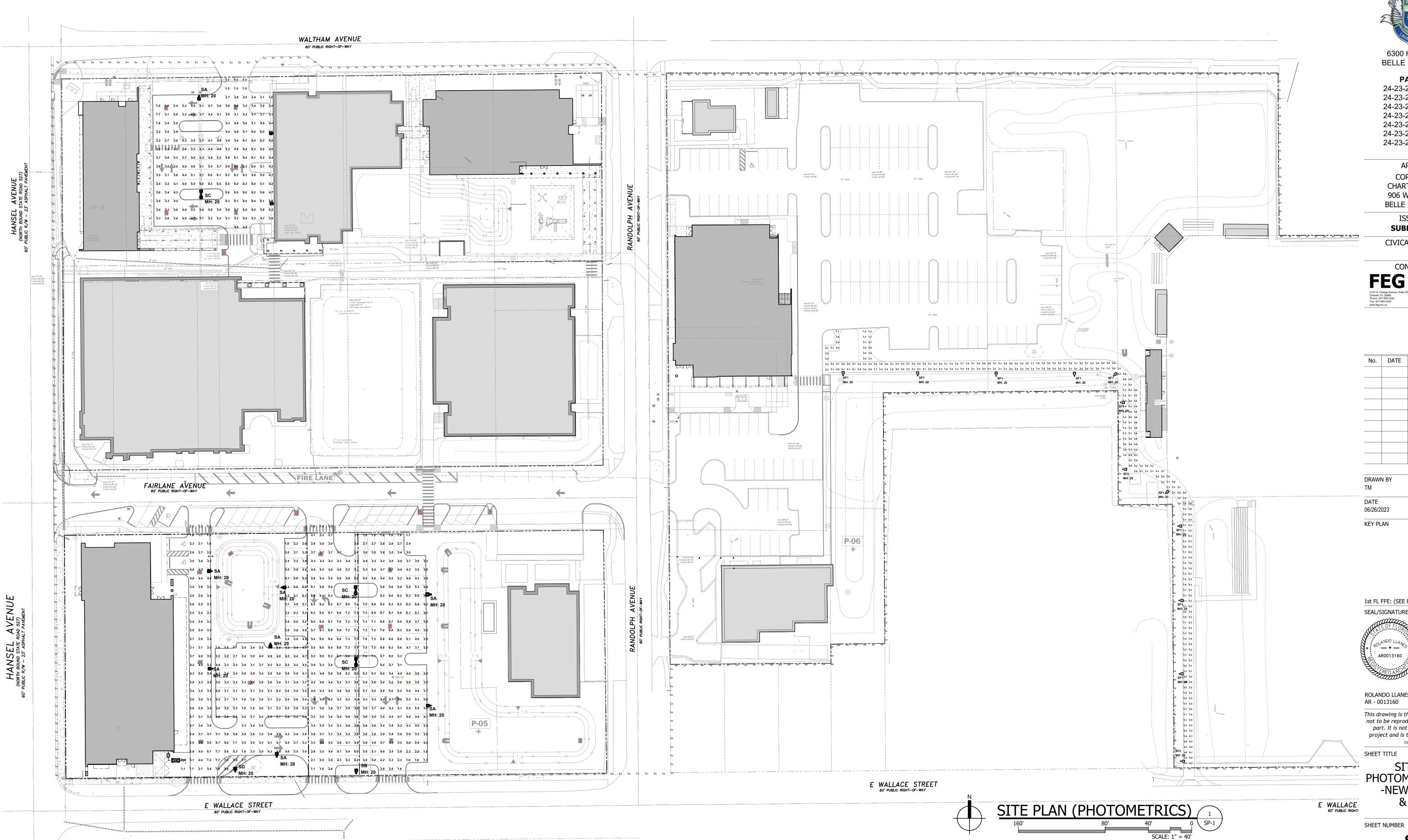
1st FL FFE: (SEE PLANS) NAVD (1988)



ROLANDO LLANES

This drawing is the property of CIVICA and is not to be reproduced or copied in whole or part. It is not to be used on any other project and is to be returned on request.





Lumen Output

COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved

tel: 305.593.9959 AA #26001093 www.civicagroup.com PROJECT:

CORNERSTONE **CHARTER ACADEMY**



6300 HANSEL AVE. BELLE ISLE, FL 32809

PARCEL ID:

24-23-29-8820-00-050 24-23-29-3400-00-073 24-23-29-3400-00-092 24-23-29-3400-00-093 24-23-29-3400-00-094 24-23-29-3400-00-095 24-23-29-3400-00-114

APPLICANT: CORNERSTONE CHARTER ACADEMY 906 WALTHAM AVE.

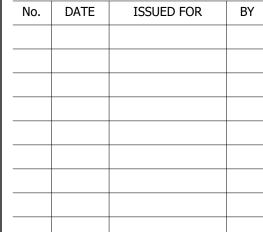
ISSUED FOR: **SUBMITTAL SET**

BELLE ISLE, FL 32809

CIVICA PROJECT No:

220208





DRAWN BY	APPROVED BY
TM	JG/ RL
DATE	SCALE:
06/26/2023	AS SHOWN

1st FL FFE: (SEE PLANS) NAVD (1988)

ROLANDO LLANES

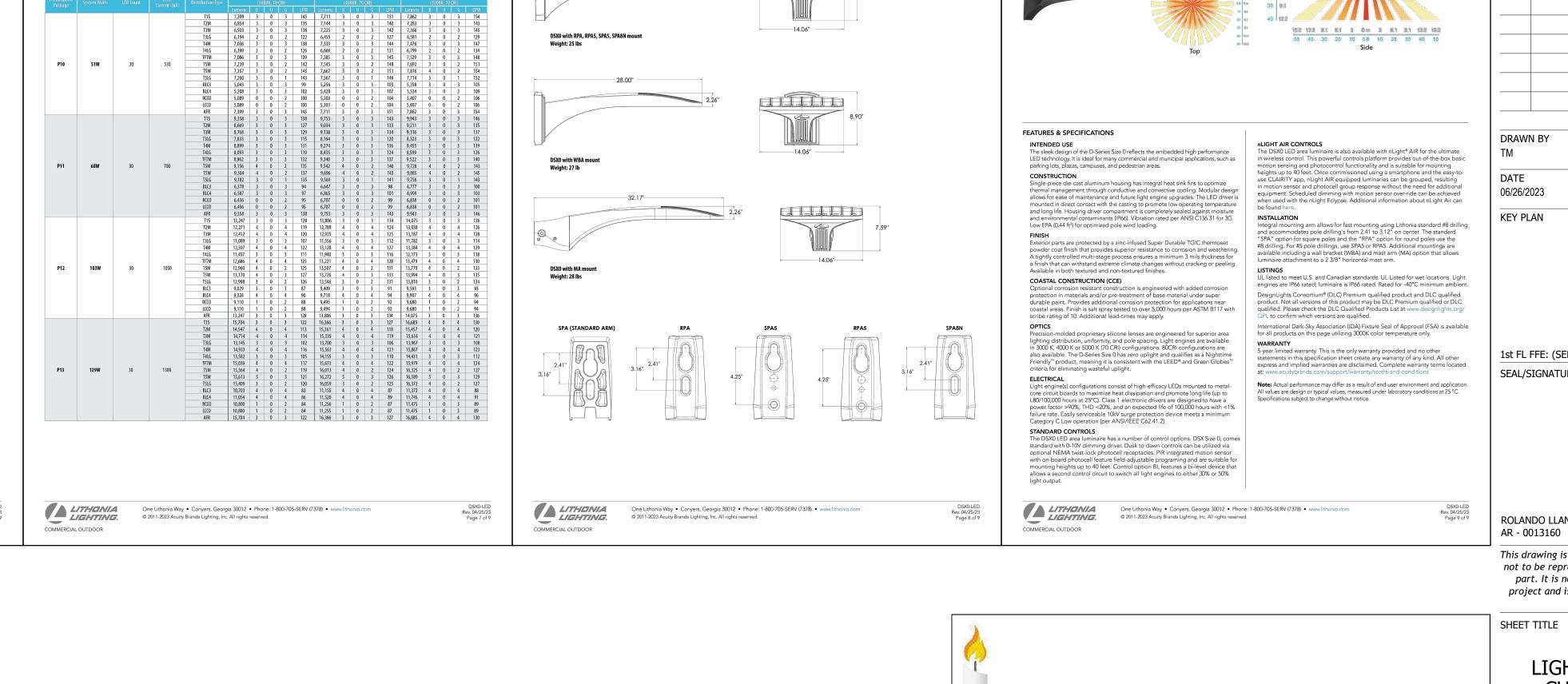
SHEET TITLE

LIGHT FIXTURE **CUT SHEETS** & AREAS

SHEET NUMBER







JOHN LOVE (LIGHTING CONSULTANT)

POWER & LIGHTING SYSTEMS, INC.

3832 SHIPPING AVE. MIAMI, FLORIDA 33146

OFFICE: 305-444-8520 E-MAIL: JOHNL@P-LS.COM

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's homepage

Lumen Ambient Temperature (LAT) Multipliers

Projected LED Lumen Maintenance

FAO Dimming Settings

Motion Sensor Default Settings

DS (not available on DSXO) Drivers wired independently for 50/50 luminaire

nLight Control - Sensor Coverage and Settings

Controls Options

NLTAIR2 PIRHN

LITHONIA LIGHTING.

nLight Sensor Coverage Pattern

COMMERCIAL OUTDOOR

DSX0-LED Rev. 04/25/23 Page 3 of 9

Electrical Load

Allows the luminaire to be manually dimmed, effectively trimming the light output.

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com

Motion sensor with integral photocell. Sensor suitable for 8' to 40' mounting height.

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

The luminaire is wired to two separate circuits, allowing for 50/50 operation.

| Drive | Current (m.)) | Wattage | 120V | 208V | 240V | 277V | 347V | 480V

 P1
 20
 530
 34
 0.28
 0.16
 0.14
 0.12
 0.10
 0.07

 P2
 20
 700
 45
 0.38
 0.22
 0.19
 0.16
 0.13
 0.09

P3 20 1050 69 0.57 0.33 0.29 0.25 0.20 0.14

P4 20 1400 94 0.78 0.45 0.39 0.34 0.27 0.19

P5 40 700 89 0.75 0.43 0.38 0.33 0.26 0.19

P13 30 1300 129 1.07 0.62 0.54 0.46 0.37 0.27

Lumen Multiplier Availability Lumen Multiplier Availability Lumen Multiplier Availability
 5000K
 102%
 Standard
 92%
 Extended lead-time
 71%
 (see note)

 4000K
 100%
 Standard
 92%
 Extended lead-time
 67%
 (see note)

 3500K
 100%
 (see note)
 90%
 Extended lead-time
 63%
 (see note)

 3000K
 96%
 Standard
 87%
 Extended lead-time
 61%
 (see note)

 2700K
 94%
 (see note)
 85%
 Extended lead-time
 57%
 (see note)

Cannot be used with other controls options that need the 0-10V leads

Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative.

Cannot be used with other controls options that need the 0-10V leads.

nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app. Cannot be use with other controls options that need the 0–10V leads.

DSX0-LED Rev. 04/25/23 Page 4 of 9

Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire. Cannot be used with other controls options that need the 0-10V leads.

Note: Some LED types are available as per special request. Contact Technical Support for more information.

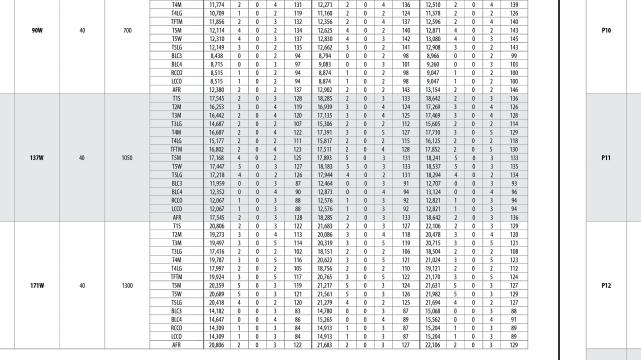
LED Color Temperature / Color Rendering Multipliers

Isofootcandle plots for the DSX0 LED P7 40K 70CRI, Distances an

LITHONIA LIGHTING.

COMMERCIAL OUTDOOR

0.5 fc



D-Series Size 0

LED Area Luminaire

T1S Type I short

PER7 Seven-pin receptacle only (controls ordered separate) 14, 19

BL30 Bi-level switched dimming, 30% 16, 19

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

FAO Field adjustable output 15, 19

height, ambient sensor enabled at 27c ^{12,16,16}

NEMA twist-lock receptacle only (controls ordered separate) ^{14,19}

Separate) ^{14,19}

DMG

O-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) ¹⁷

Shipped separately

Schipped separately

Schipped separately

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

High/low, motion/ambient sensor, 8-40' mounting

BLSO

Bi-level switched dimming, 50% 16, 19

BLSO

Bi-level switched dimming, 50% 16, 19

T2M Type II medium

T3LG Type III low glare³

T3M Type III medium BLC3 Type III backlight Control 3

T4M Type IV medium BLC4 Type IV backlight

T4LG Type IV low glare³ LCCO Left corner cutoff³ RCCO Right corner cutoff³

Shipped installed

L90 Left rotated optics 1

R90 Right rotated optics 1

HS Houseside shield (black finish standard) ²

EGSR External Glare Shield (reversible, field install

required, matches housing finish)

Introduction

luminaire.

EXAMPLE: DSX0 LED P6 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

AFR Automotive front row T5M Type V medium MVOLT (120V-277V)⁴ Shipped included

T5LG Type V low glare HVOLT (347V-480V)^{5,6} SPA

T5W Type V wide **XVOLT** (277V-480V)^{7,8}

The modern styling of the D-Series features a

with its environment. The D-Series offers the

benefits of the latest in LED technology into

The photometric performance results in sites

with excellent uniformity, greater pole spacing

and lower power density. D-Series outstanding

poles required in area lighting applications, with

SPA5 Square pole mounting (#5 drilling. 3" min. SQ pole) 9

RPA5 Round pole mounting (#5 drilling, 3" min. RND pole) 9

SPA8N Square narrow pole mounting (#8 drilling, 3" min. SQ pole)

MA Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)

WBA Wall bracket 10

DDBXD Dark Bronze

DNAXD Natural Aluminum

DDBTXD Textured dark bronze

DNATXD Textured natural aluminum

DBLBXD Textured black

DWHGXD Textured white

DBLXD Black

photometry aids in reducing the number of

typical energy savings of 70% and expected

service life of over 100,000 hours.

a high performance, high efficacy, long-life

highly refined aesthetic that blends seamlessly

DIC DIC INSTED NOMETING PREMIUM

d"series

14.06 " (35.7 cm)

DSX0 LED Forward optics (this section 70CRI only)

Rotated optics

P1 P5 30K 3000K
P2 P6 40K 4000K
P3 P7 50K 5000K
P4 (this section 80CRI only,

extended lead times apply) 27K 2700K

30K 3000K

35K 3500K 40K 4000K

Specifications

Height H1: 2.26" (5.7 cm)

Height H2: 7.46" (18.9 cm)

Weight: 23 lbs (10.4 kg)

EPA:

Length:

Width:

DSX0 LED

Shipped installed

LITHONIA LIGHTING.

COMMERCIAL OUTDOOR

Lumen Output

LITHONIA LIGHTING.

COMMERCIAL OUTDOOR

NLTAIR2 PIRHN nLight AIR gen 2 enabled with bi-level motion

ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc. 11,12,18,19

height, ambient sensor enabled at 2fc 13, 16

11 2 0 2 122 1					T3LG	6,194	2	0	2	122	6,455	2	0	2	127	6,581	2	0	2	129																				
10 2 0 4 139									T4M	7,036	3	0	3	138	7,333	3	0	3	144	7,476	3	0	3	147																
78 2 0 2 126					T4LG	6,399	2	0	2	126	6,669	2	0	2	131	6,799	2	0	2	134																				
96 2 0 4 140					TFTM	7,086	3	0	3	139	7,385	3	0	3	145	7,529	3	0	3	148																				
71 4 0 2 143	P10	51W	30 530	30	30	30	30	30	30	T5M	7,239	3	0	2	142	7,545	3	0	2	148	7,692	3	0	2	151															
80 4 0 3 145					T5W	7,357	3	0	2	145	7,667	3	0	2	151	7,816	4	0	2	154																				
08 3 0 2 143					T5LG	7,260	3	0	1	143	7,567	3	0	1	149	7,714	3	0	1	152																				
6 0 0 2 99						BLC3	5,043	3	0	3	99	5,256	3	0	3	103	5,358	3	0	3	105																			
0 0 0 3 103					BLC4	5,208	3	0	3	102	5,428	3	0	3	107	5,534	3	0	3	109																				
7 1 0 2 100					RCCO	5,089	0	0	2	100	5,303	0	0	2	104	5,407	0	0	2	106																				
7 1 0 2 100					LCCO	5,089	0	0	2	100	5,303	0	0	2	104	5,407	0	0	2	106																				
64 2 0 2 146					AFR	7,399	3	0	3	145	7,711	3	0	3	151	7,862	3	0	3	154																				
12 2 0 3 136					T1S	9,358	3	0	3	138	9,753	3	0	3	143	9,943	3	0	3	146																				
59 3 0 4 126					T2M	8,669	3	0	3	127	9,034	3	0	3	133	9,211	3	0	3	135																				
59 3 0 4 128					T3M	8,768	3	0	3	129	9,138	3	0	3	134	9,316	3	0	3	137																				
05 2 0 2 114					T3LG	7,833	3	0	3	115	8,164	3	0	3	120	8,323	3	0	3	122																				
30 3 0 5 129					T4M	8,899	3	0	3	131	9,274	3	0	3	136	9,455	3	0	3	139																				
25 2 0 2 118					T4LG	8,093	3	0	3	119	8,435	3	0	3	124	8,599	3	0	3	126																				
52 2 0 5 130					TFTM	8,962	3	0	3	132	9,340	3	0	3	137	9,522	3	0	3	140																				
41 5 0 3 133	P11	68W	30	700	T5M	9,156	4	0	2	135	9,542	4	0	2	140	9,728	4	0	2	143																				
37 5 0 3 135				, , , ,	T5W	9,304	4	0	2	137	9,696	4	0	2	143	9,885	4	0	2	145																				
94 4 0 2 134					TSLG	9,182	3	0	1	135	9,569	3	0	1	141	9,756	3	0	1	143																				
7 0 0 3 93					BLC3	6,378	3	0	3	94	6,647	3	0	3	98	6,777	3	0	3	100																				
4 0 0 4 96					BLC4	6,587	3	0	3	97	6,865	3	0	3	101	6,999	3	0	3	103																				
1 1 0 3 94					RCCO	6,436	0	0	2	95	6,707	0	0	2	99	6,838	0	0	2	101																				
1 1 0 3 94					LCCO	6,436	0	0	2	95	6,707	0	0	2	99	6,838	0	0	2	101																				
2 2 0 3 136					AFR	9,358	3	0	3	138	9,753	3	0	3	143	9,943	3	0	3	146																				
5 2 0 3 129					T1S	13,247	3	0	3	128	13,806	3	0	3	134	14,075	3	0	3	136																				
8 3 0 4 120									T2M	12,271	4	0	4	119	12,789	4	0	4	124	13,038	4	0	4	126																
3 0 5 121					T3M	12,412	4	0	4	120	12,935	4	0	4	125	13,187	4	0	4	128																				
1 2 0 2 108					T3LG	11,089	3	0	3	107	11,556	3	0	3	112	11,782	3	0	3	114																				
3 0 5 123					T4M	12,597	4	0	4	122	13,128	4	0	4	127	13,384	4	0	4	129																				
2 0 2 112			30		T4LG	11,457	3	0	3	111	11,940	3	0	3	116	12,173	3	0	3	118																				
3 0 5 124				30	30	30 1	30	30	30	30	30	30	30	30	30	30	30 1050	TFTM	12,686	4	0	4	123	13,221	4	0	4	128	13,479	4	0	4	130							
	P12	103W																30 1	30 10	30	30	30	30	1050	T5M	12,960	4	0	2	125	13,507	4	0	2	131	13,770	4	0	2	133
5 0 3 127 2 5 0 3 129	FIZ	10344																		1030	T5W	13,170	4	0	3	127	13,726	4	0	3	133	13,994	4	0	3	135				
4 4 0 2 127														TSLG	12,998	3	0	2	126	13,726	3	0	2	131	13,810	3	0	2	134											
8 0 0 3 88									BLC3	9,029	3	0	3	87	9,409	3	0	3	91	9,593	3	0	3	93																
0 0 3 88					BLC4	9,029	4	0	4	90	9,409	4	0	4	94	9,393	4	0	4	96																				
					RCCO	9,324	1	0	2	88	9,718	1	0	2	92	9,680	1	0	2	96																				
4 1 0 3 89 4 1 0 3 89					LCCO	9,110	1	0	2	88	9,493	1	0	2	92	9,680	1	0	2	94																				
2 0 3 129						AFR	13,247	3	0	3	128	13,806	3	0	3	134	14,075	3	0	3	136																			
2 0 3 129					T1S	15,704	3	0	3	122	16,366	3	0	3	127	16,685	4	0	4	130																				
					T2M	14,547	4	0	4	113	15,161	4	0	4	118	15,457	4	0	4	120																				
					T3M	14,714	4	0	4	114	15,335	4	0	4	119	15,634	4	0	4	120																				
					T3LG	13,145	3	0	3	102	13,700	3	0	3	106	13,967	3	0	3	108																				
					T4M	14,933	4	0	4	116	15,563	4	0	4	121	15,867	4	0	4	123																				
					T4LG	13,582	3	0	3	105	14,155	3	0	3	110	14,431	3	0	3	1123																				
					TFTM	15,039	4	0	4	117	15,673	4	0	4	122	15,979	4	0	4	124																				
	P13	129W	30	1300	T5M	15,039	4	0	2	117	16,013	4	0	2	124	16,325	4	0	2	124																				
	P 13	12900	30	1300	T5W		5					5					5																							
					TSLG	15,613 15,409	3	0	3	121 120	16,272 16,059	3	0	2	126 125	16,589 16,372		0	2	129 127																				
					BLC3	10,703	4	0	4	83	11,155	4	0	4	87	11,372	4	0	4	88																				
					BLC3	11,054	4	0	4	86	11,155	4	0	4	89	11,745	4	0	4	91																				
					RCCO	10,800	1	0	2	84	11,320	1	0	2	87	11,475	1	0	3	89																				
					LCCO	10,800	1	0	2	84	11,255	1	0	2	87	11,475	1	0	3	89																				
					AFR	15,704	3		3	122	16,366	3	0	3	127	16,685	4	0	4	130																				
					AFK	13,/04	3	U	3	122	10,300	3	U	3	12/	10,000	4	U	4	130																				
					Arn	13,704	3	U	3	122	10,300	3	U	3	121	10,003	4	V	4	130																				

Ordering Information

Ordered and shipped separately.

DLL127F 1.5 JU Photocell - SSL twist-lock (120-277V) ²³

DSXRPA (FINISH) Round pole adapter (#8 drilling, specify finish) DSXRPAS (FINISH)

Round pole adapter #5 drilling (specify finish)

Square pole adapter #5 drilling (specify finish)

DSX0EGSR (FINISH) External glare shield (specify finish)

DSX0BSDB (FINISH) Bird spike deterrent bracket (specify finish)

External Glare Shield (EGSR)

D | B

Top of Pole

1.325" 2.650"

LITHONIA LIGHTING.

COMMERCIAL OUTDOOR

Lumen Output

Template #8

DLL347F1.5 CULJU Photocell - SSL twist-lock (347V)

NOTES

Rotated optics available with packages P10, P11, P12 and P13. Must be combined with option L90 or R90.

30K, 40K, and 50K available with packages P10, P11, P12 and P13. Must be combined with option L90 or R90.

30K, 40K, and 50K available with rotation R15.

TALG, 14LG, BLC3, BLC4, LCCO, RCCO not available with option H5.

WOLT driver operates on any line voltage from 134.480 (S06) H2.

HVOLT of the operates on any line voltage from 344.480 (S06) H2.

HVOLT not available with package P1, P2 and P10 when combined with option NLTAIR2 PIRHN or option PIR.

XVOLT operates with any voltage between 277 and 480V (S06) H2.

XVOLT not available in packages P1, P2 or P10.

SPAS and RPA5 for use with \$5 drilling only (Not for use with #8 drilling).

WBA cannot be combined with Type 5 distributions plus photocell (PER).

NLTAIR2 PIRHN not available with option RLTAIR2 PIRHN not available with P1, P2 and P10 Line PIR Not available with P1, P2 and P10 Line PIR Not available with P1, P2 and P10 Line PIR Not available with P1, P2 and P10 Line PIR Not available with P1, P2 and P10 Line PIRC, PERS, PERS,

ssories. Shorting: Cap included.

Jon at wailable with other dimming control options NLTAIR2 PIRRIN, PIR, PERS, PERZ, BL30, BL50, or DMG.

Jon at wailable with other dimming control options NLTAIR2 PIRRIN, PIR, PERS, PERZ, BL30, BL50, or DMG.

Jon at wailable with NLTAIR2 PIRRIN, PIR, PER, PERS, PERZ, BL30, BL50 and FAO.

Jon at wailable with NLTAIR2 PIRRIN, PIR, PER, PERS, PERZ, BL30, BL50 and FAO.

Jon at wailable with NLTAIR2 PIRRIN, PIR, PER, PERS, PERZ, BL30, BL50 and FAO.

Jon at wailable with SL50 place with the properties of the properties of the properties of the properties of the properties with the properties of the properties with the properties of the properties with the properties of the properties of the properties with the properties of the p

House Side Shield (HS)

Tenon Mounting Slipfitter

DSX0 Area Luminaire - EPA

DSX0 with SPA

DSX0 with RPA, RPA5

DSX0 with MA

© 2011-2023 Acuity Brands Lighting, Inc. All rights reserved.

DSX0 with SPA5, SPA8N

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com

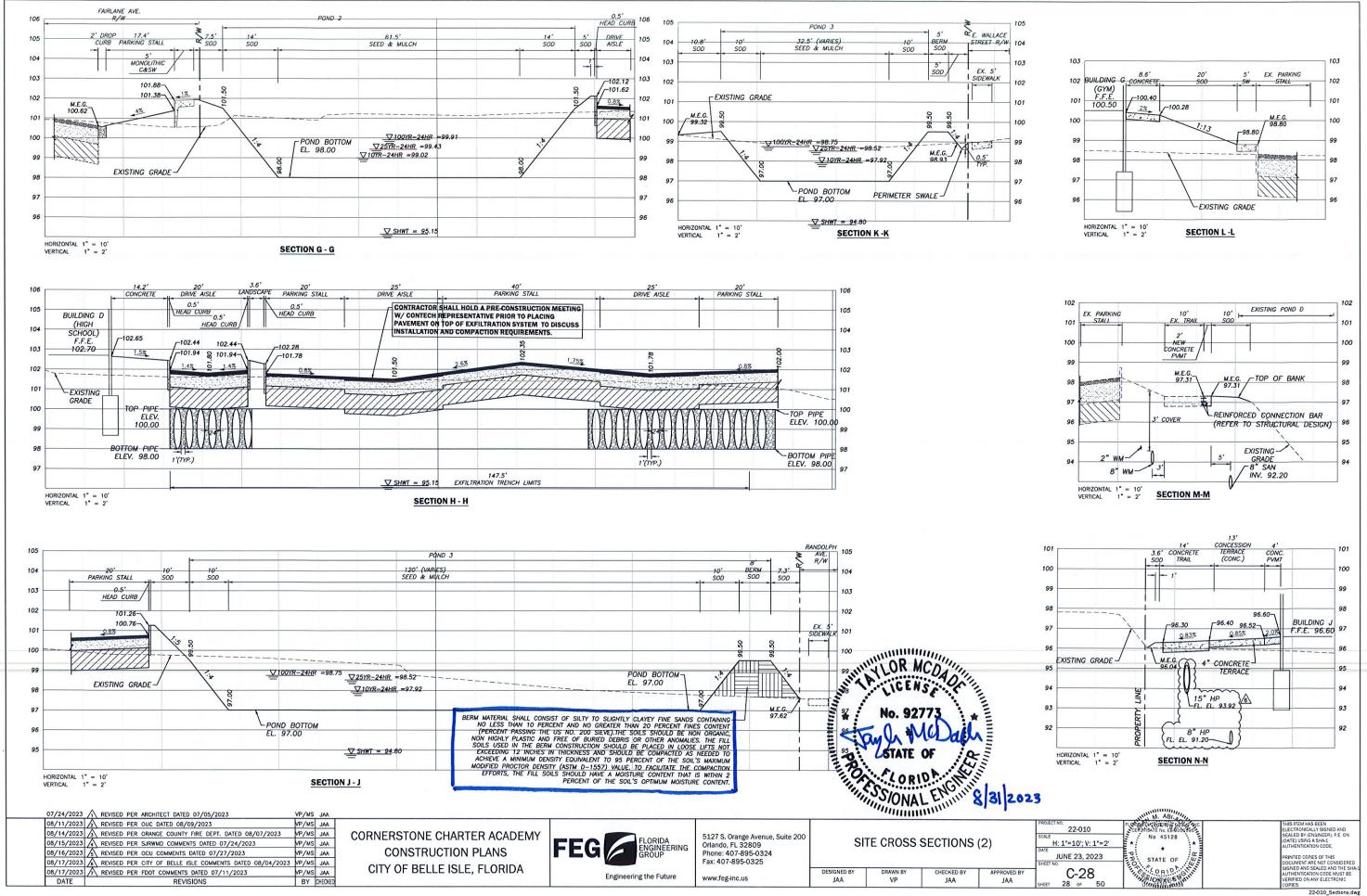
AVULL:
of available with NLTAIR2, PIR, BL30, BL50. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See

-- | --- | 1. | -1. | 🗡 | -1.

-- -- 1. --- 1.

SEAL/SIGNATURE

This drawing is the property of CIVICA and is not to be reproduced or copied in whole or part. It is not to be used on any other project and is to be returned on request.





CITY OF BELLE ISLE, FLORIDA

1600 Nela Avenue Belle Isle, Florida 32809 (407) 851-7730 • FAX (407) 240-2222 www.cityofbelleislefl.org

October 10, 2023

Orange County Utilities 9150 Curry Ford Road, 1st Floor Orlando, Florida 32825

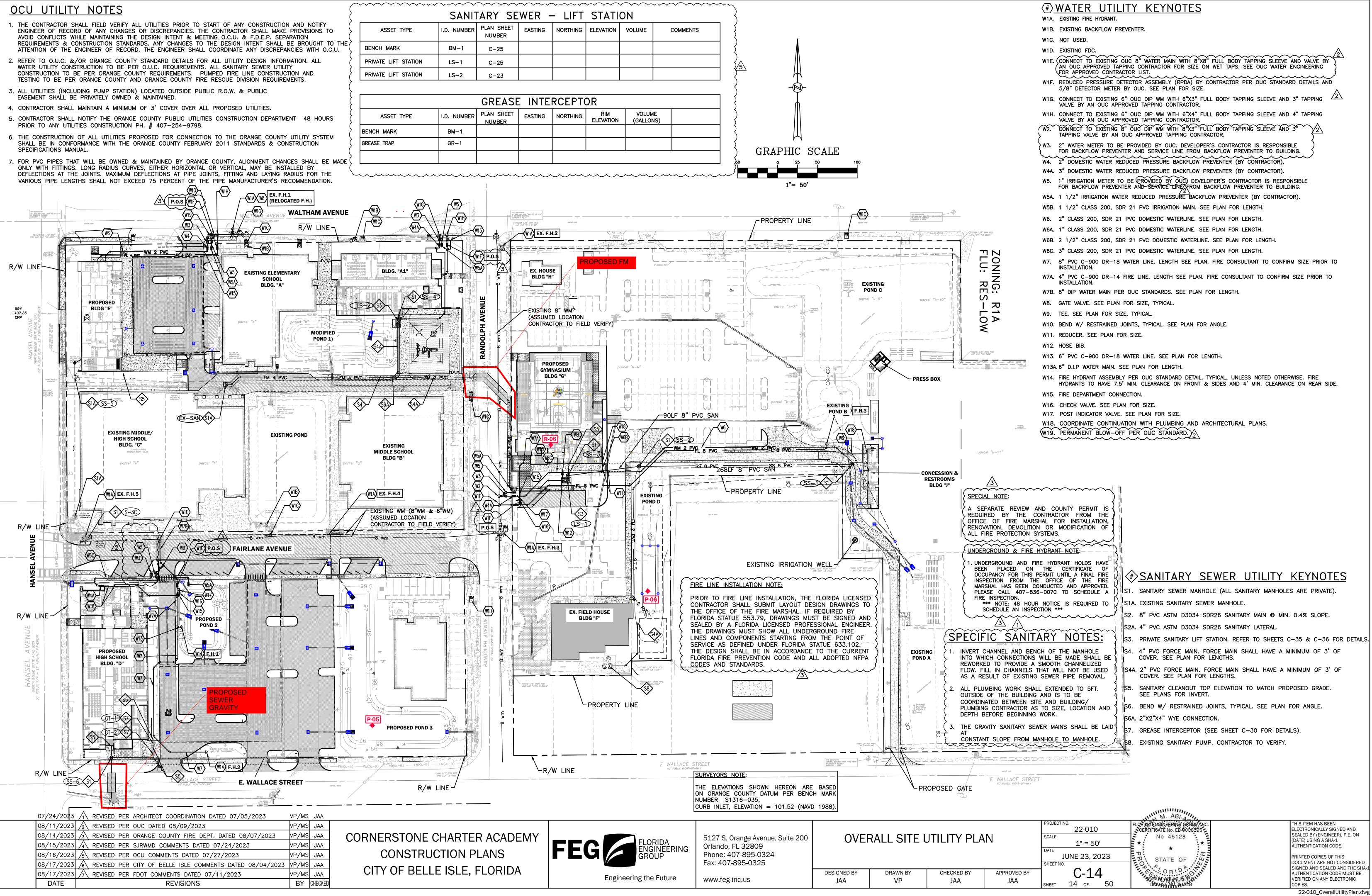
Dear Orange County Utilities,

Please accept this letter as authorization from the City of Belle Isle to allow Cornerstone Charter Academy and its agent, Florida Engineering Group, Inc., to install the proposed 3-inch force main under Randolph Avenue and the 8-inch gravity sewer under Wallace Street as indicated in the attached utility plan.

If you have any questions or need additional information, please contact me at the phone number above.

Sincerely,

Travis Grimm, Police Chief Interim City Manager



CITY OF BELLE ISLE, FLORIDA CITY COUNCIL AGENDA ITEM COVER SHEET

Meeting Date: October 3, 2023

To: Honorable Mayor and City Council Members

From: Chief Grimm, Interim City Manager

Subject: Cross Lake Road Improvements RFP 23-08 Project Bid

Background: The City advertised for Cross Lake Road improvement proposals – RFP 23-08. The Project consists of paving an existing gravel/dirt road (dead end), milling and repaving an existing asphalt roadway (intersection), installation of curbing, park renovations to include earthworks and a concrete pad for a picnic table, construction of a drainage swale and associated works. This includes all labor, materials, and equipment.

The City received three bids:

Garcia Civil Contractors \$229,338.83 Close Construction Services \$245,795.00 Gibbs & Register, Inc. \$298,811.00

The Council approved \$200,000 in funding from ARPA in the budget for this project. The bids received are over the allotted amount Council approved. The Council can allocate additional ARPA funds or fund the remaining balance from General Fund reserves.

Staff Recommendation: Approve a bid.

Suggested Motion: I move we approve the bid submitted by (Name of Bidder) for the Cross Lake Road Improvements and fund the remaining balance with (additional ARPA Funds or General Fund).

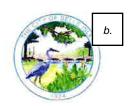
Alternatives: Reject the bids.

Resubmit RFP - Different specs.

Fiscal Impact: \$200,000 ARPA Funds

Balance (ARPA or General Fund)

Attachments: Bid and three proposals



Bid Forms			00300
Contractors Name:	Garcia	Carl	Centractors

Contractors Name: Project Identification:

COBI RFP #23-08 Cross Lake Rd Roadway Improvements Project

Owner:

CITY OF BELLE ISLE

City Bid #:

#23-08

- 1) The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with the City in the form included in this document to complete all work as specified or indicated in the Project Manual for the Contract Price and within the Contract Time indicated in this Bid and in accordance with the document.
- 2) The Bidder certifies that they have investigated the requirements to do business in the jurisdiction where the project is located, and that they are either qualified to do business or will obtain such pre-qualification before award of the contract.
- 3) The Bidder certifies that they have reviewed, understand, and accepts the Supplemental Contract Conditions for Federal Contracting prior to submitting their bid.
- 4) The Bidder accepts all of the terms and conditions in this document including, without limitation, those dealing with the disposition of Bid Security (if applicable). This Bid will remain open for **60** days after the day of the Bid Opening. The Bidder will sign the Agreement and other documents required by the Contract Documents within **10** days after the date of City's Notice of Award.
- 5) In submitting this Bid, the Bidder represents, as more fully set forth in the Agreement, that:
 - a) The Bidder has examined copies of all Contract Documents and the following addenda:

Date: 8 15 2023 & 8 29 2023 Number: A & B

- b) The Bidder has examined the site and locality where the work is to be performed and the conditions affecting cost, progress or performance of the work and has made such independent investigations as the Bidder deems necessary.
- c) This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation or solicited any other Bidder to submit a false or sham Bid and the Bidder has not sought by collusion to obtain for themselves any advantage over any other Bidder or over the City.
- 6) BIDDER will complete the Work outlined in the Construction Documents and Specifications as outlined herein.

We/I <u>frarcia</u> <u>Civil</u> <u>Centracters</u> have carefully examined the construction documents and specifications, and hereby propose to provide the complete installation of paving an existing gravel/dirt road (dead end), milling and repaving an existing asphalt roadway (intersection), installation of curbing, park renovations to include earthworks and a concrete pad for a picnic table, construction of a drainage swale and associated works at the Project site. The cost indicated below includes all labor, materials, equipment, construction management and testing that is shown in the construction documents and as outlined herein. The cost indicated below also includes all labor, material, equipment, construction management and testing that may not be expressly shown on the construction



documents but that are inherently necessary to complete the works.

Complete Project Base Bid as specified Lump Sum: \$ 229,338.83

To evaluate potential Change Order requests, the Bidder shall provide the following unit prices listed on the attached form within **Appendix A**.

The undersigned hereby declares that they have carefully examined the individual site(s) listed on the bid form and will complete the CROSS LAKE ROAD ROADWAY IMPROVEMENTS PROJECT according to the specifications herein.

The terms used in this Bi	d were submitted to the City of Belle Isle on the 5th of September, 2023.
By:	
Individual's Name	- Signature
Edvarde	Garcia
Individual's Name	- Printed
doing business as	parga (M) (untractus (business name)
Business Address:	3361 Rouse Rd #240, Wardo, Pa 328/7
Business Phone No.:	(407) 744-2790
Business Fax No.:	
Email:	Eddy (gariacri) · com
Communications to the	BIDDER concerning this Bid shall be addressed to:
Mailing Address:	Garcia Covil Cembractus
Street Address:	3361 Rouse Rd. #240
City, State and Zip:	Mendo, FL 32817
Telephone No.:	(407) 744-2790
Fax No.:	J
Email:	±ddy @ gariaciil.com

^{*}It is understood that the City of Belle Isle reserves the right to accept or reject any or all bids not deemed in the best interest of the City as determined by the City.

CITY OF BELLE ISLE

RFP # 23-08

COBI RFP #23-08 CROSS LAKE RD ROADWAY IMPROVEMENTS PROJECT

CHANGE ORDER UNIT COST FORM

Name of Business: Garcia Cril Centractors

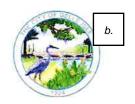
Contact Person: Edvardo Garcia

Email Address: Eddy @ garcjacini.com

Authorized Person Name: Edvarding Garcia

Signature of Authorized Person:

PROPOSED PRICING ITEM # DESCRIPTION UNIT UNIT PRICE TOTAL PRICE									
ITEM #	DESCRIPTION	UNII	UNII PRICE	TOTAL PRICE					
	GENERAL	LS #	22 1 02.5	22,697.50					
1	Mobilization	F2 M	22,6017.34	0-1017.30					
	DEMOLITION AND EROSION CONTROL	Al	00100	001100					
1	Erosion Control/Turbidity Barrier	LS 🗗	0,861.80	10001.00					
2	Traffic Control/MOT	LS 4	6,566.66	6,566.66					
3	Fence Removal	LS 💆	1805.43	1,905.43					
4	Clearing and Grubbing	LS 🚺	7,493.02	7,493.82					
5	Mill Asphalt	SY 🥨	29.41	11,587.84					
6	Excavate & Haul Existing Road Gravel	SY 🗱	24.69	22,442.59					
7	Remove Concrete Driveway	SY 🕻	+3.62	1,987.74					
8	Unknown Utilities Contingency	LS 🚮	684.80	684.80					
9	Unknown Irrigation Contingency	LS 🕻	3,766.88	3,766.88					
	PAVEMENT/SITEWORK								
1	Rain Guardian Turret	LS 🐧	15,126,86	15,126.86					
2	Riprap Boulders (6" dia.)	LS 🚺	6,384.17	6,384.17					
3	Aggregate Paver (Ecoraster E50)	SF 🙀	14.34	13,121.10					
4	Paver Infill – 2" (#78 Gravel)	CY 👯	1,46(.80	8,770.80					
5	Paver Base – 6" (#57 Clean Stone)	CY 🖟	432.86	7358.62					
6	Asphalt – SP 12.5 – 2"	SY 	40.83	14,576.31					
7	Asphalt – SP 12.5 – 1.5"	SY OF	34.21	14,573.46					
8	Base – 4" (Compacted Crushed RCA)	SY 🙀	36.17	15,408-42					
9	Pavement Striping	LS 😘	1,980.00	1,980.00					
10	Concrete Sidewalk and Pads – 4"	SY 🙀	182-27	4,921.29					
11	Concrete Driveway – 6"	SY 🙀	133.35	3,600.45					
12	FDOT 2' Drop Curb	LF 🙀	39.49	6,594.83					
13	FDOT Type 'D' Curb	LF &	56.07	2,354.94					
14	FDOT Type 'F' Curb	LF (5	37.18	8,105.24					
15	Site Grading	LS 🗳	11,258.58	11,258.58					
16	Install Fence (in kind) and 5-Gate	LF \$	145.10	7,259.00					



Drug Free Workplace Certification

Section 00300

Identical or "Tie" Bids:

Preference shall be given to businesses with drug free workplace programs. Whenever two or more proposals which are equal in respect to price, quality, and service are received by the State or by any political subdivision for procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug free workplace program shall be given preference in the award process.

In order to have a drug free workplace program, a business shall:

- 1) Publish and pass out to each employee a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace.
- 2) Inform employees about the dangers of drug abuse in the workplace and the penalties that may be imposed upon employees for drug abuse violation.
- 3) Inform employees that the employer must be notified of a violation occurring in the workplace no later than five (5) calendar days after a conviction.
- 4) Impose sanctions 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 employees who is so convicted.

5)	Make a good faith effort to continue to maintain a drug free this section.	e workpla	ce through	implementation of
	this section.			

Name (signature)

Date

Name (printed)

Title



Project General Conditions

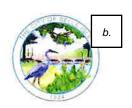
Section 00700

ARTICLE 1 - PRIOR TO START OF SERVICES

- 1.1 A PRE-CONSTRUCTION meeting will be held with City officials and representatives prior to any mobilization efforts or start of works to discuss the project in detail.
- 1.2 Must provide evidence of license and General Liability and Workers Compensation Insurance Coverage.
- 1.3 The CONTRACTOR will be familiar with and adhere to the requirements of Belle Isle Municipal Code and to the Supplemental Contract Conditions specified in the RFP and the Contract for federal contracts.
- 1.4 Expected completion date is **120 days** from the Notice to Proceed date.
- 1.5 Contractor is expected to mobilize within <u>30 days</u> from the Notice to Proceed date.

ARTICLE 2 - CONTRACTOR'S RESPONSIBILITIES

- 2.1 CONTRACTOR shall supervise and direct the work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the work in accordance with the contract documents. CONTRACTOR shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction. CONTRACTOR shall be responsible to see that the finished work complies accurately with the contract documents.
- 2.2 CONTRACTOR shall keep on the job site, at all times during the project, a competent resident superintendent, who shall not be replaced without written notice to OWNER except under extraordinary circumstances. The superintendent will be the CONTRACTOR's representative at the site and shall have the authority to act on the behalf of the CONTRACTOR.
- 2.3 CONTRACTOR shall be responsible for securing all permits necessary from the City of Belle Isle and Orange County (if necessary). The City will assist where it can in acquiring the permits.
- 2.4 CONTRACTOR shall keep on the job site, at all times during the project, a valid building permit issued by the City (where necessary).
- 2.5 CONTRACTOR will be responsible for maintaining security at the site during normal work hours.
- 2.6 The CONTRACTOR shall submit with his Bid in writing the names, mailing addresses, and work items to be completed by all Subcontractors (if any) proposed for the work. A failure to list all of the proposed Subcontractors for the work will result in the Bid being rejected as incomplete.
- 2.7 The CONTRACTOR shall be fully responsible for all acts and omissions of his Subcontractors and of persons and organizations directly or indirectly employed by them. Nothing in the contract

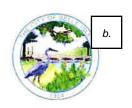


documents shall create any contractual relationship between OWNER and Subcontractor, nor shall it create any obligation on the part of the OWNER to pay or to see to the payment of any moneys due any Subcontractor or other organization, except as required by law.

- 2.8 Precaution shall be exercised at all times by the CONTRACTOR for the protection of all persons, including employees, and property. The CONTRACTOR shall comply with all laws, regulations or ordinances related to safety and health. The OWNER may order work to be stopped if conditions exist that present an immediate danger to persons or property. A stoppage of work stipulated by the OWNER due to safety concerns will not constitute grounds for a contract time extension to complete the work.
- 2.9 The OWNER, and its agents, employees, and officials, elected and appointed, shall be indemnified and held harmless by the CONTRACTOR from any and all claims resulting in liabilities, damages, losses, and costs. Additionally, the OWNER expressly retains all rights, benefits, privileges, and immunities provided to municipalities by Sovereign Immunity. The CONTRACTOR agrees to pay the cost of the OWNER's legal defense, as may be selected by the OWNER, for all claims described in this paragraph.
- 2.10 The contract price may only be changed by a Change Order. Any claim for an increase in the Contract Price shall be based on written notice delivered to the OWNER within **fifteen (15) days** after the occurrence of the event giving rise to the claim.
- 2.11 The CONTRACTOR is responsible for all maintenance of traffic to safely route traffic through the work area. The CONTRACTOR will provide the proper signage and flagmen to notifying and guide the public safely around and/or through the construction work area(s).

ARTICLE 3 - OWNER'S RESPONSIBILITIES

- 3.1 The OWNER will have the authority to disapprove or reject work which is defective, and will also have the authority to require special inspection or testing of the work whether or not the work is fabricated, installed, or completed.
- The OWNER may, at any time, order deletions, additions or revisions in the work; these will be authorized by written Change Orders. If any change order causes an increase or decrease in the Contract Price or an extension or shortening of the contract time, an equitable adjustment will be made as provided.
- 3.3 If the work is defective, or CONTRACTOR fails to supply sufficient skilled workmen or suitable materials or equipment, OWNER may order the CONTRACTOR to stop the work until the cause of such order has been eliminated.
- 3.4 If the work is defective, or CONTRACTOR fails to supply sufficient skilled workmen or suitable materials or equipment, OWNER may do the work and deduct any and all costs to do the work from the next invoice.



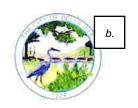
- 3.5 The OWNER will make a final inspection and will notify the CONTRACTOR in writing of all particulars in which this inspection reveals that the work is incomplete or defective. After the CONTRACTOR has completed all such corrections to the satisfaction of the OWNER, the CONTRACTOR can make an application for final payment.
- The OWNER may terminate the CONTRACTOR if the CONTRACTOR is adjudged a bankrupt; repeatedly fails to supply sufficient skilled workers or suitable materials and equipment; repeatedly fails to make prompt payments to subcontractors; violates any laws; disregards the authority of the OWNER.

ARTICLE 4 - INSURANCE REQUIREMENTS

- 4.1 The CONTRACTOR shall purchase and maintain for the entire life of the project, until its final acceptance by the City, such insurance as will protect the CONTRACTOR from claims under Worker Compensation, disability benefit; from claims for damages due to bodily injury, disease or death; from claims insured by usual and unusual liability coverage and from claims insured by usual Commercial General Liability coverage. This includes loss of use resulting therefrom, any or all of which may arise out of the CONTRACTOR's operations be by the CONTRACTOR, subcontractor, or by anyone employed by any of them.
- 4.2 These certificates and policies shall contain a provision that the coverage will not be cancelled, non-renewed or materially changed until at least sixty (60) days prior written notice of such change has been given to the City. The CONTRACTOR will be required to replace any expired or cancelled policies in like amount to the satisfaction of the City. The Certificate of Insurance shall be the ACORD FORM 25-S (7/90), or its successor form, and shall be made a part of the contract documents.
- 4.3 The City shall be listed as a named insured on all policies of insurance and certificates thereof.
- 4.4 The insurance required herein shall be written for not less than the limits of liability specified below based on the bid total of an annual contract (i.e. cost per service of all areas times the number of services in a year) or as required by law, whichever is greater, and shall include the following:
 - (a) Workers Compensation Insurance shall be written for not less than any limits for the State of Florida with Coverage B Employer's Liability limits of not less than:

\$100,000	Each Accident Bodily Injury by Accident
\$100,000	Each Employee Bodily Injury by Disease
\$500,000	Policy Limit Bodily Injury by Disease

(b) Commercial General Liability Insurance shall be written on a coverage form as broad as Insurance Services Office (ISO) Form CG 00 01 11 88, or its successor form, including but not limited to the following coverage (any deviation shall be noted on the Certificates of Insurance):



Premises and Operations
Owners & Contractors Protective
Products & Completed Operations
Explosion, Collapse & Underground Conditions
Blanket Contractual Liability
Personal Injury Liability
Broad Form Property Damage Endorsement, including Completed Operations
Independent Contractors
Watercraft - Owned and Non-Owned
Pollution Liability (if applicable)

Certain coverage's outlined above may not be required if they do not relate to the project, as may be determined at the sole discretion of the City.

Commercial General Liability Coverage shall be written on an occurrence basis and the limits shall be no less than the following amounts for all tiers of Contractors and Subcontractors:

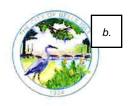
Contract Value	Limits (not less than)				
0- \$25,000	\$300,000 Each Occurrence \$300,000 General Aggregate* \$300,000 Aggregate Product & Complete Operation \$25,000 Fire Damage (any one fire)				
\$25,001 - \$250,000	\$500,000 Each Occurrence \$1 Million General Aggregate* \$1 Million Aggregate Product & Comp. Operation \$50,000 Fire Damage (any one fire)				
\$250,001 -over	\$1 Million Each Occurrence \$1 Million General Aggregate* \$1 Million Aggregate Product & Comp. Operation \$50,000 Fire Damage (any one fire)				

^{*}Note: Commercial General Liability Coverage must be purchase on a project basis.

(c) Automobile Liability Insurance for the operation, use, maintenance, loading or unloading of automobiles- ISO Symbol I (any auto) or alternatively a combination of Symbol 2 (owned autos), Symbol 8 (hired autos), and Symbol 9 (non-owned autos).

Contract Value	Limits (not less than)	
\$0 - \$25,000	\$300,000 Combined Single Limit	
\$25,001 - \$250,000	\$500,000 Combined Single Limit	
		4415

14 | Page



\$1 Million Combined Single Limit

\$250,001 - over

(d) Excess Liability of \$250,000 or more, and in addition to the scheduled underlying policies for Commercial General Liability, automobile Liability and Employer's Liability, the CONTRACTOR shall also provide an Excess Liability Policy with a maximum self-insured retention for occurrences insured in this Excess Policy not to exceed \$25,000 and a minimum limit \$1 Million.

ARTICLE 5 - TERMINATION / CANCELLATION OF CONTRACT

5.1 General

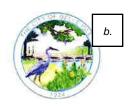
- A. Termination or cancellation of the contract will not relieve the Bidder of any obligations for any deliverables entered into prior to the termination of the contract (i.e., reports, statements of accounts, etc., required and not received).
- B. Termination or cancellation of the contract will not relieve the Bidder of any obligations or liabilities resulting from any acts committed by the Bidder prior to the termination of the contract.

5.2 Termination for Default

A. The City shall notify, in writing, the Bidder of deficiencies or default in the performance of its duties under the Contract and the Bidder shall have ten (10) calendar days to correct same. Failure of the Bidder to remedy said specified items of deficiency or default in the notice by the decision of the City Manager or the City Manager's designee within ten (10) calendar days of receipt of such notice of such decisions, shall result in the termination of the contract, and the City shall be relieved of any and all responsibilities and liabilities under the terms and provisions of the Contract. In such event, the Bidder shall have the right to seek a judicial review of such action within thirty (30) calendar days of same. Bidder shall not be found in default for events arising due to acts of God.

5.3 Termination for City's Convenience

A. The performance of work under this contract may be terminated in accordance with this clause in whole, or from the time in part, whenever the City shall determine that such termination is in the best interest of the City. Any such termination shall be effected by the delivery to the Bidder of a Notice of Termination specifying the extent to which performance of work under the contract is terminated, and the date upon which such termination becomes effective. Upon such termination for convenience, Bidder shall be entitled to payment, in accordance with the payment provisions, for services rendered up to the termination date and the City shall have no other obligations to Bidder. Bidder shall be obligated to continue performance of contract services, in accordance with this



contract services, in accordance with this contract, until the termination date and shall have no further obligation to perform services after the termination date.

ARTICLE 6 - PAYMENT

A. The City will remit full payment on all undisputed invoices within **thirty (30) days** from receipt by the appropriate person(s) (to be designated at time of contract) of the invoice(s) and proof of acceptance of all services ordered. As consideration for the CONTRACTOR's satisfactorily performing the Scope of Services set forth in the solicitation and complying with other terms of the resulting Purchase Order or Price Agreement, the City shall pay the CONTRACTOR according to the tasks identified in the Scope of Work. Furthermore, CONTRACTOR invoices shall not be submitted or paid until acceptance has been received by the CONTRACTOR from the Project Manager. The Project Manager's acceptance notification shall be attached to the CONTRACTOR's invoice.

(The remainder of this page is left blank intentionally)

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/28/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED BEDDESSENTATIVE OF PRODUCED AND THE CERTIFICATE HOLDER.

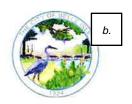
REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

thi	PORTANT: If the certificate holder SUBROGATION IS WAIVED, subject is certificate does not confer rights to	the certi	licate libider in tied of add	in ottoning individual			
	UCER			CONTACT		FAX (A)	07) 862-7656
stah	l Morse & Associates Wekiva Springs Road		1	PHONE AC, No. Ext): (407) 8	59-4200		017002 1000
One	gwood, FL 32779			ADDRESS: certs@st			NAIC#
			1	INS	URER(S) AFFOR	DING COVERAGE	23396
				NSURER A : Amerisu	re Mutual	Insurance Company	23350
NSUF	RED			NSURER B :			
	Garcia Civil Contractors, LLC	:	Į.	INSURER C :			
	3361 Rouse Road Suite 130			INSURER D :			
	Orlando, FL 32817			INSURER E :			
				INSURER F:			
cov	VERAGES CER	TIFICATE	NUMBER:			REVISION NUMBER:	
TI- IN	VERAGES CER HIS IS TO CERTIFY THAT THE POLICIE DICATED NOTWITHSTANDING ANY R ERTIFICATE MAY BE ISSUED OR MAY CCLUSIONS AND CONDITIONS OF SUCH	S OF INS	SURANCE LISTED BELOW HENT, TERM OR CONDITION	ED BY THE POLICE	ES DESCRIB PAID CLAIMS	RED NAMED ABOVE FOR THE DOCUMENT WITH RESPECT TO HEREIN IS SUBJECT TO	T TO WHICH THIS ALL THE TERMS,
	CCLUSIONS AND CONDITIONS OF SCOTT	ADDL SUBR	POLICY NUMBER	POLICY EFF (MM/DO/YYYY)	POLICY EXP	LIMITS	4 000 00
NSR LTR	TYPE OF INSURANCE X COMMERCIAL GENERAL LIABILITY	INSO WYO	, 525, 1,5332	A CONTRACTOR OF THE PARTY OF TH			1,000,00
-	CLAIMS-MADE X OCCUR		GL21206140102	5/1/2023	5/1/2024	PREMISES (Ea occurrence)	1,000,00
	05/11/0 11/152					MED EXP (Any one person)	10,00
H						PERSONAL & ADV INJURY	1,000,00
	ADDUSC DED					GENERAL AGGREGATE	2,000,00
	GENT AGGREGATE LIMIT APPLIES PER POLICY X PRO-					PRODUCTS - COMPIOP AGG	2,000,00
	The second secon						4 000 00
A	AUTOMOBILE LIABILITY					COMBINED SINGLE LIMIT (Ea accident)	s 1,000,00
•	X ANY AUTO		CA21206110101	5/1/2023 5/1/2024		BODILY INJURY (Per person)	s
	OWNED SCHEDULED						s
	The state of the s			1		II the experience of	s 10,00
	AUTOS ONLY AUTOS ONLY					PIP	5,000,00
Α	X UMBRELLA LIAB X OCCUR					EACH OCCURRENCE	5,000,00
2001	EXCESS LIAB CLAIMS-MADE		CU21206150102	5/1/2023	5/1/2024	AGGREGATE	5 5,000,00
	DED RETENTIONS	1				Laws 1 Lotu	\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY					X PER STATUTE ER	1,000,00
• •			WC21206120101	5/1/2023	5/1/2024	EL EACH ACCIDENT	1,000,00
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N/A				E L DISEASE - EA EMPLOYEE	1,000,00
	If yes, describe under					I C L. UIGENGE . GATO	300,00
A	DÉSCRIPTION OF OPERATIONS below Equipment Floater		IM21206130102	5/1/2023	5/1/2024	Leased/Rented	300,0
DES] CRIPTION OF OPERATIONS / LOCATIONS / VEHIC	LES (ACOR	D 101, Additional Remarks Schedu	le, may be attached if mo	re space is requ	ired)	
CE	RTIFICATE HOLDER			CANCELLATION			
CE	KTIFICATE HOLDEN			SHOULD ANY OF THE EXPIRATION ACCORDANCE W	N DATE T	DESCRIBED POLICIES BE C HEREOF, NOTICE WILL ICY PROVISIONS.	ANCELLED BEFORE BE DELIVERED IN
				AUTHORIZED REPRES	ENTATIVE		

ACORD 25 (2016/03)

ACORD

© 1988-2015 ACORD CORPORATION. All rights reserved.



Public Entity Crimes – Sworn Statement

Section 00300

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a proposal on a contract to provide any goods or services to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of a period of 36 months from the date of being placed on the convicted vendor list.

Pursuant to Section 287.134(2) (a), Florida Statutes, an entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity.

This sworn statement by	Edrardo Name and title o			incipo ive	al .	
who is authorized to represent	Garcia Business name	Cail	Cent	actes	<u>s</u>	
hereby specifies that neither the partners, employees, sharehold entity have been charged with a Signature 942023	ders who are activ	re in manag	ement of t ty crime su Notary F Osc	he entity	y, nor any t to July 1, of Florida Garcia HH 356759	affiliate of the
STATE OF FLORIDA COUNTY OF ORANGE Personally appeared before me	, the undersigned	authority,	on this	YHA		_day of
September, 2 Notary Public	20_23				2/1 Commissi	2027



List of References

Company Name: Brevard County Road and Bridge (Public Sector)

Address: 2725 Judge Fran Jamieson Way Bldg C, 3rd Floor, Suite C-303 Viera, FL 32940

Business Phone Number: 321-350-8308

Contact Person: James Wham - Interim Construction Manager

Email Address: jim.wham@brevardfl.gov

Company Name: City of Cocoa Beach (Public Sector)

Address: 1600 Minutemen Causeway Cocoa Beach, FL 32931

Business Phone Number: 321-868-3219 Contact Person: Jared A. Francis, P.E.

Email Address: jared.francis@cityofcocoabeach.com

Company Name: City of Cape Canaveral (Public Sector)

Address: 100 Polk Avenue Cape Canaveral, Florida 32920

Business Phone Number: (321) 868-1220 ext. 202

Contact Person: Tim Carlisle - Capital Projects Deputy Director

Email Address: t.carlisle@cityofcapecanaveral.org

Company Name: Florida Department of Transportation – Turnpike (Public Sector)

Address: One Purlieu Place, Suite 130 Winter Park, FL 32792

Business Phone Number: 407-201-7165

Contact Person: Kerry Worrell, P.E. - Project Administrator

Email Address: kworrell@mehtaeng.com



Company Name: LYNX - Central Florida Transportation Authority (Public Sector)

Address: 455 North Garland Ave Orlando, FL 32801-1518

Business Phone Number: 407-254-6046

Contact Person: Jeff Reine

Email Address: JReine@golynx.com



Equipment List

It is the belief of Garcia Civil Contractors that without proper tools and equipment we would not be able to accomplish our project goals. Our fleet of vehicles, equipment and tailers are no more than 5 years old. All crew trucks are equipped with all necessary tools because we believe preparation is key to success. All company vehicles, equipment, and trailers are labeled with Garcia Civil Contractors logos and always maintained clean and orderly. Employees are provided with logoed shirts, vests and hard hats and are required to maintain a professional appearance.

- 2021 Ford F250 Crew Truck Owned
- 2021 Ford F250 Crew Truck Owned
- 2020 Chevy Silverado 1500 Owned
- 2022 Chevy Silverado 2500 Owned
- 2022 Caterpillar 304-07 Hydraulic Excavator Owned
- 2021 Caterpillar 289D3 Compact Track Loader Owned
- 2022 Big Foot Equipment Transport Trailer Owned
- 2022 Ford 650 Dump Truck Leased Synergy Equipment
- 2014 Arising Industries Box Trailer
- 2015 Wanco Light Tower Trailer
- 2 Conex Storage Containers
- 4 Champion Duel Fuel 3500 W Generators
- Tomahawk Power Screed
- Wyco Concrete Vibrator
- 2 Central Machinery Plate Compactors
- 3 Husgvarna Power Cutter Concrete Saws
- Bosch Rotary Hammer
- Husky Air Compressor
- Hand Power Tools circular saws, smart levels, hammer drills, power drills, blowers, power sprayer
- Hand tools shovels, hammers, screeds, bull floats, hand floats, finishing trowels, concrete
 edger, concrete rake, concrete broom, sledge hammer, string line, tape measures, forms,
 forming stakes, laser level
- MOT equipment cones, barricades
- Fire extinguishers and first aid kits
- Company branded Uniforms, Hard Hats and Vest
- PPE provided to all employees



Company Personnel

Garcia Civil Contractors

- Certified General Contractor CGC1520952
- Certified Underground Utilities and Excavation Contractor CUC1225753
- State of Florida Office of Supplier Diversity Minority Business Certification
- FDOT Disadvantaged Business Enterprise Certification
- FDOT Business Development Initiative Small Business Certification
- Orange County Minority Business Certification
- Greater Orlando Aviation Authority (GOAA) Minority Business Enterprise Certification
- City of Orlando Minority Business Enterprise
- Orange County Local Business Tax Receipt

Eduardo Garcia:

- Certified General Contractor CGC1520952
- Certified Underground Utilities and Excavation Contractor CUC1225753
- OSHA 30 Hour Construction Safety Course
- ATSSA Florida Advanced Work Zone Traffic Control
- NPDES Stormwater Erosion and Sedimentation Control
- FDOT Construction Training & Qualification Program Quality Control Manager
- Florida International University Alumni Association
- Toastmaster International

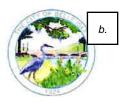
Michael Romero - Construction Manager

- CTQP Asphalt Paving I
- CTQP Earthwork Construction Inspection I
- CTQP Concrete Field Tech Level I
- CTQP FDOT Concrete Field Inspector Specification
- Nuclear Radiation & Safety Certification
- Intermediate MOT
- FDEP Qualified Stormwater Management Inspector # 48567



Oscar Garcia - Project Manager

- CTQP Asphalt Paving I & II
- CTQP Earthwork Construction Inspection I & II
- CTQP Concrete Field Tech Level I
- CTQP FDOT Concrete Field Inspector Specification
- CTQP Final Estimates I
- CTQP QC Manager
- NPDES Stormwater Erosion and Sedimentation Control
- ATSSA Florida Advanced Work Zone Traffic Control
- OSHA 30 Hour Construction Safety Course
- ACI Concrete Field-Testing Technician Grade I
- ACI Concrete Transportation Construction
- IMSA Traffic Signal Technician I



Additional Supplemental Contract Conditions

Section 00800

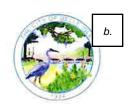
CITY OF BELLE ISLE, FLORIDA SUPPLEMENTAL CONTRACT CONDITIONS

The following 2 CFR policy requirements also apply to this assistance listing: 2 C.F.R. Part 25, Universal Identifier and System for Award Management; 2 C.F.R. Part 170, Reporting Subaward and Executive Compensation Information; and 2 C.F.R. Part 180, OMB Guidelines to Agencies on Government wide Debarment and Suspension (Nonprocurement). The following 2 CFR Policy requirements are excluded from coverage under this assistance listing: For 2 C.F.R. Part 200, Subpart C; 2 C.F.R. § 200.204 (Notices of Funding Opportunities); 2 C.F.R. § 200.205 (Federal awarding agency review of merit of proposal); 2 C.F.R. § 200.210 (Pre-award costs);and 2 C.F.R. § 200.213 (Reporting a determination that a non-Federal entity is not qualified for a Federal award). For 2 C.F.R. Part 200, Subpart D, the following provisions do not apply to the SLFRF program: 2 C.F.R. § 200.308 (revision of budget or program plan); 2 C.F.R. § 200.309 (modifications to period of performance); C.F.R. § 200.305 (b)(8) and (9) (Federal Payment).

A. Records

- 1. As a condition of receiving state or federal financial assistance, and as required by sections 20.055(6)(c) and 215.97(5)(b), Florida Statutes, the Division, the Chief Inspector General of the State of Florida, the Florida Auditor General, or any of their authorized representatives, shall enjoy the right of access to any documents, financial statements, papers, or other records of the Recipient which are pertinent to this Agreement, in order to make audits, examinations, excerpts, and transcripts. The right of access also includes timely and reasonable access to the Recipient's personnel for the purpose of interview and discussion related to such documents. For the purposes of this section, the term "Recipient" includes employees or agents, including all subcontractors or consultants to be paid from funds provided under this Agreement.
- 2. The Recipient shall maintain all records related to this Agreement for the period of time specified in the appropriate retention schedule published by the Florida Department of State. Information regarding retention schedules can be obtained at: http://dos.myflorida.com/library-archives/records-management/generalrecords-schedules/.
- 3. Florida's Government in the Sunshine Law (section 286.011, Florida Statutes) provides the citizens of Florida with a right of access to governmental proceedings and mandates three, basic requirements: (1) all meetings of public boards or commissions must be open to the public; (2) reasonable notice of such meetings must be given; and (3) minutes of the meetings must be taken and promptly recorded.
- 4. Florida's Public Records Law provides a right of access to the records of the state and local governments as well as to private entities acting on their behalf. Unless specifically exempted from disclosure by Florida Statute, all materials made or received by a governmental agency (or

17 | Page



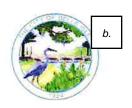
a private entity acting on behalf of such an agency) in conjunction with official business which are used to perpetuate, communicate, or formalize knowledge qualify as public records subject to public inspection.

IF THE RECIPIENT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE RECIPIENT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT: (850) 815-4156, Records@em.myflorida.com, or 2555 Shumard Oak Boulevard, Tallahassee, FL 32399.

B. COMPLIANCE WITH APPLICABLE LAW AND REGULATIONS.

- 1. Recipient agrees to comply with the requirements of section 603 of the Act, regulations adopted by Treasury pursuant to section 603(f) of the Act, and guidance issued by Treasury regarding the foregoing. Recipient also agrees to comply with all other applicable federal statutes, regulations, and executive orders, and Recipient shall provide for such compliance by other parties in any agreements it enters into with other parties relating to this award.
- 2. Federal regulations applicable to this award include, without limitation, the following:
 - a. Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, 2 C.F.R. Part 200, other than such provisions as Treasury may determine are inapplicable to this Award and subject to such exceptions as may be otherwise provided by Treasury. Subpart F Audit Requirements of the Uniform Guidance, implementing the Single Audit Act, shall apply to this award.
 - b. Universal Identifier and System for Award Management (SAM), 2 C.F.R. Part 25, pursuant to which the award term set forth in Appendix A to 2 C.F.R. Part 25 is hereby incorporated by reference.
 - c. Reporting Subaward and Executive Compensation Information, 2 C.F.R. Part 170, pursuant to which the award term set forth in Appendix A to 2 C.F.R. Part 170 is hereby incorporated by reference.
 - d. OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement), 2 C.F.R. Part 180, including the requirement to include a term or condition in all lower tier covered transactions (contracts and subcontracts described in 2 C.F.R. Part 180, subpart B) that the award is subject to 2 C.F.R. Part 180 and Treasury's implementing regulation at 31 C.F.R. Part 19.
 - e. Recipient Integrity and Performance Matters, pursuant to which the award term set forth in 2 C.F.R. Part 200, Appendix XII to Part 200 is hereby incorporated by reference.
 - f. Governmentwide Requirements for Drug-Free Workplace, 31 C.F.R. Part 20.
 - g. New Restrictions on Lobbying, 31 C.F.R. Part 21.

18 | Page



- h. Uniform Relocation Assistance and Real Property Acquisitions Act of 1970 (42 U.S.C. §§ 4601-4655) and implementing regulations.
- i. Generally applicable federal environmental laws and regulations.
- 3. Statutes and regulations prohibiting discrimination applicable to this award include, without limitation, the following:
 - a. Title VI of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d et seq.) and Treasury's implementing regulations at 31 C.F.R. Part 22, which prohibit discrimination on the basis of race, color, or national origin under programs or activities receiving federal financial assistance;
 - b. The Fair Housing Act, Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§ 3601 et seq.), which prohibits discrimination in housing on the basis of race, color, religion, national origin, sex, familial status, or disability;
 - c. Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794), which prohibits discrimination on the basis of disability under any program or activity receiving federal financial assistance;
 - d. The Age Discrimination Act of 1975, as amended (42 U.S.C. §§ 6101 et seq.), and Treasury's implementing regulations at 31 C.F.R. Part 23, which prohibit discrimination on the basis of age in programs or activities receiving federal financial assistance; and
 - e. Title II of the Americans with Disabilities Act of 1990, as amended (42 U.S.C. §§ 12101 et seq.), which prohibits discrimination on the basis of disability under programs, activities, and services provided or made available by state and local governments or instrumentalities or agencies thereto.

C. REQUIRED CONTRACTUAL PROVISIONS

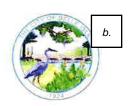
1. EQUAL OPPORTUNITY EMPLOYMENT

a. In accordance with 41 CFR §60-1.4(b), the Recipient hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the regulations of the Secretary of Labor at 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan, insurance, or guarantee, or undertaken pursuant to any Federal program involving such grant, contract, loan, insurance, or guarantee, the following equal opportunity clause:

During the performance of this contract, the contractor agrees as follows:



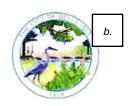
- 1. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:
- a. Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- 2. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- 3. The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.
- 4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- 5. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- 6. The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.



- 7. In the event of the contractor's noncompliance with the nondiscrimination clauses of this Agreement or with any of the said rules, regulations, or orders, this Agreement may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- 8. The contractor will include the portion of the sentence immediately preceding paragraph 1(a)(ii) of this section and the provisions of subparagraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

2. COPELAND ANTI-KICKBACK ACT

- a. The Recipient hereby agrees that, unless exempt under Federal law, it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, the following clause:
 - "Contractor. The contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 CFR pt. 3 as may be applicable, which are incorporated by reference into this contract."
- b. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clause in subsection b(i) above and such other clauses as the Secretary may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.
- c. Breach. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 CFR § 5.12.



CONTRACT WORK HOURS AND SAFETY STANDARDS

If the Recipient, with the funds authorized by this Agreement, enters into a contract that exceeds \$100,000 and involves the employment of mechanics or laborers, then any such contract must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation.

4. CLEAN AIR ACT AND THE FEDERAL WATER POLLUTION CONTROL ACT

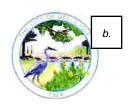
If the Recipient, with the funds authorized by this Agreement, enters into a contract that exceeds \$150,000, then any such contract must include the following provision:

"Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251-1387), and will report violations to FEMA and the Regional Office of the Environmental Protection Agency (EPA)."

5. SUSPENSION AND DEBARMENT

If the Recipient, with the funds authorized by this Agreement, enters into a contract, then any such contract must include the following provisions:

- a. This contract is a covered transaction for purposes of 2 CFR pt. 180 and 2 CFR pt. 3000. As such the contractor is required to verify that neither the contractor, its principals (defined at 2 CFR § 180.995), nor its affiliates (defined at 2 CFR § 180.905) are excluded (defined at 2 CFR § 180.940) or disqualified (defined at 2 CFR § 180.935).
- b. The contractor must comply with 2 CFR pt. 180, subpart C and 2 CFR pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction into which it enters.
- c. This certification is a material representation of fact relied upon by the Division. If it is later determined that the contractor did not comply with 2 CFR pt. 180, subpart C and 2 CFR pt. 3000, subpart C, in addition to remedies available to the Division, the Federal Government may pursue available remedies, including, but not limited to, suspension and/or debarment.



d. The bidder or proposer agrees to comply with the requirements of 2 CFR pt. 180, subpart C and 2 CFR pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

6. BYRD ANTI-LOBBYING AMENDMENT

If the Recipient enters into a contract using funds authorized by this Agreement, then any such contract must include the following clause:

"Byrd Anti-Lobbying Amendment, 31 USC § 1352 (as amended). Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the Recipient."

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION STATE OF FLORIDA

CONSTRUCTION INDUSTRY LICENSING BOARD

THE UNDERGROUND UTILITY & EXCAVATION CO HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

GARCIA, EDUARDO

GARCIA CIVIL CONTRACTORS LLC 13110 MOSS PARK RIDGE DR ORLANDO FL 32832

LICENSE NUMBER: CUC1225753

EXPIRATION DATE: AUGUST 31, 2024

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.



DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION STATE OF FLORIDA

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

GARCIA, EDUARDO

GARCIA CIVIL CONTRACTORS LLC 13110 MOSS PARK RIDGE DR ORLANDO FL 32832

LICENSE NUMBER: CGC1520952

EXPIRATION DATE: AUGUST 31, 2024

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.



Bi	d Forms	00300				
Pro Ov	ntractors Name: oject Identification: wner: cy Bid #:	Close Construction Services COBI RFP #23-08 Cross Lake Rd Roadway Improvements Project CITY OF BELLE ISLE #23-08				
1)	with the City in the form i	proposes and agrees, if this Bid is accepted, to enter into an Agreement included in this document to complete all work as specified or indicated in the Contract Price and within the Contract Time indicated in this Bid and in ment.				
2)		hey have investigated the requirements to do business in the jurisdiction ted, and that they are either qualified to do business or will obtain such ward of the contract.				
3)		they have reviewed, understand, and accepts the Supplemental Contract stracting prior to submitting their bid.				
4)	those dealing with the di days after the day of the	the terms and conditions in this document including, without limitation, sposition of Bid Security (if applicable). This Bid will remain open for 60 Bid Opening. The Bidder will sign the Agreement and other documents occuments within 10 days after the date of City's Notice of Award.				
5)	In submitting this Bid, the	Bidder represents, as more fully set forth in the Agreement, that:				
	a) The Bidder has examir 8.15.202 Date: 8.29.202					
	conditions affecting co	ined the site and locality where the work is to be performed and the est, progress or performance of the work and has made such independent idder deems necessary.				
	or corporation or solic	d not made in the interest of or on behalf of any undisclosed person, firm ited any other Bidder to submit a false or sham Bid and the Bidder has not obtain for themselves any advantage over any other Bidder or over the				
6)	BIDDER will complete th outlined herein.	e Work outlined in the Construction Documents and Specifications as				
cor par (in pic	nstruction documents and solving an existing gravel/directory, installation of contraction of a	have carefully examined the specifications, and hereby propose to provide the complete installation of t road (dead end), milling and repaving an existing asphalt roadway surbing, park renovations to include earthworks and a concrete pad for a drainage swale and associated works at the Project site. The cost indicated ials, equipment, construction management and testing that is shown in the				

construction documents and as outlined herein. The cost indicated below also includes all labor, material, equipment, construction management and testing that may not be expressly shown on the construction



documents but that are inherently necessary to complete the works.

Complete Project Base Bid as specified Lump Sum: \$ 245,795.00					
To evaluate potential Change Order requests, the Bidder shall provide the following unit prices listed on the attached form within Appendix A .					
	declares that they have carefully examined the individual site(s) listed on the ete the CROSS LAKE ROAD ROADWAY IMPROVEMENTS PROJECT according to .				
The terms used in this Bi	d were submitted to the City of Belle Isle on the <u>5</u> of <u>September</u> , 2023.				
By: Two C-					
Individual's Name - Signature					
Thomas C. 0	And the second of the second o				
Individual's Name	– Printed				
doing business as Clos	se Construction Services (business name)				
Business Address:	305 NW 4th Ave., Okeechobee, FL 34972				
Business Phone No.: 863.467.0831					
Business Fax No.:	863.763.6337				
Email:	ccs@closeconstructionllc.com				
Communications to the BIDDER concerning this Bid shall be addressed to:					
Mailing Address:	305 NW 4th Ave., Okeechobee, FL 34972				
Street Address:	305 NW 4th Ave				
City, State and Zip:	Okeechobee, FL 34972				
Telephone No.:	863.467.0831				
Fax No.:	863.763.6337				
Email:	ccs@closeconstructionllc.com				
*It is understood that the City of Belle Isle reserves the right to accept or reject any or all bids not deemed in the best interest of the City as determined by the City.					
	0.1.0				

8 | Page

CITY OF BELLE ISLE

RFP # 23-08

COBI RFP #23-08 CROSS LAKE RD ROADWAY IMPROVEMENTS PROJECT

CHANGE ORDER UNIT COST FORM

Name of Business:

Close Construction Services

Contact Person:

Thomas C. Close

Email Address: CCS@Closeconstructionllc.com

Authorized Person Name: Thomas C. Close, President

Signature of Authorized Person:

Tolm

PROPOSED PRICING						
ITEM #	DESCRIPTION	UNIT	UNIT PRICE	TOTAL PRICE		
	GENERAL					
1	Mobilization	LS	25,000	25,000		
11 - 2 - <u>1</u>	DEMOLITION AND EROSION CONTROL					
1	Erosion Control/Turbidity Barrier	LS	7,500	7,500		
2	Traffic Control/MOT	LS	15,000	15,000		
3	Fence Removal	LS	5,000	5,000		
4	Clearing and Grubbing	LS	35,000	35,000		
5	Mill Asphalt	SY	15	15		
6	Excavate & Haul Existing Road Gravel	SY	45	45		
7	Remove Concrete Driveway	SY	35	35		
8	Unknown Utilities Contingency	LS	5,000	5,000		
9	Unknown Irrigation Contingency	LS	10,000	10,000		
	PAVEMENT/SITEWORK					
1	Rain Guardian Turret	LS	6,500	6,500		
2	Riprap Boulders (6" dia.)	LS	5,000	5,000		
3	Aggregate Paver (Ecoraster E50)	SF	40	40		
4	Paver Infill – 2" (#78 Gravel)	CY	120	120		
5	Paver Base – 6" (#57 Clean Stone)	CY	150	150		
6	Asphalt – SP 12.5 – 2"	SY	65	65		
7	Asphalt – SP 12.5 – 1.5"	SY	35	55		
8	Base – 4" (Compacted Crushed RCA)	SY	30	30		
9	Pavement Striping	LS	5,000	5,000		
10	Concrete Sidewalk and Pads – 4"	SY	120	120		
11	Concrete Driveway – 6"	SY	150	150		
12	FDOT 2' Drop Curb	LF	40	40		
13	FDOT Type 'D' Curb	LF	38	38		
14	FDOT Type 'F' Curb	LF	38	38		
15	Site Grading	LS	15,000	15,000		
16	Install Fence (in kind) and 5-Gate	LF	55	55		



Drug Free Workplace Certification

Section 00300

Identical or "Tie" Bids:

Preference shall be given to businesses with drug free workplace programs. Whenever two or more proposals which are equal in respect to price, quality, and service are received by the State or by any political subdivision for procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug free workplace program shall be given preference in the award process.

In order to have a drug free workplace program, a business shall:

- 1) Publish and pass out to each employee a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace.
- 2) Inform employees about the dangers of drug abuse in the workplace and the penalties that may be imposed upon employees for drug abuse violation.
- 3) Inform employees that the employer must be notified of a violation occurring in the workplace no later than five (5) calendar days after a conviction.
- 4) Impose sanctions 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 employees who is so convicted.
- 5) Make a good faith effort to continue to maintain a drug free workplace through implementation of this section.

Hoten	9.5.2023
Name (signature)	Date
Thomas C. Close Name (printed)	
President	
Title	



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 6/21/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

		CONTACT		
PRODUCER Pritchards And Associates		NAME: Jennifer Kerns		
10791 SW Tradition Square		PHONE (A/C, No, Ext): (772) 345-7700 FAX (A/C, No):		
Port Saint Lucie FL 34987		E-MAIL ADDRESS: Jennifer@pritchardsinc.com		
		INSURER(S) AFFORDING COVERAGE	NAIC#	
		INSURER A : Southern Owners	10190	
INSURED	CLOSCON-01	INSURER B : Auto-Owners Insurance Company#~	18988	
Close Construction Services LLC PO BOX 2558		INSURER C: Florida Citrus Business & Industry for Work Comp		
OKEECHOBEE FL 34973-2541	Ĭ	INSURER D : Guideone National Insurance Co	14167	
		INSURER E :	11112	
		INSURER F:		
COVERAGES CERTI	IFICATE NUMBER: 1671338966	REVISION NUMBER:		
		/E BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE F	OLICY PERIOD	
INDICATED. NOTWITHSTANDING ANY REQU	QUIREMENT, TERM OR CONDITION	OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT T	TO WHICH THIS	
CERTIFICATE MAY BE ISSUED OR MAY PE EXCLUSIONS AND CONDITIONS OF SUCH PO		ED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO AL	L THE TERMS,	
	DDL SUBR	POLICY FEE POLICY FXP		
LTR TYPE OF INSURANCE IN	NSD WVD POLICY NUMBER	(MM/DD/YYYY) (MM/DD/YYYY) LIMITS		
A X COMMERCIAL GENERAL LIABILITY	72637778	6/14/2023 6/14/2024 EACH OCCURRENCE \$ 1,	000,000	
CLAIMS-MADE X OCCUR		PREMISES (Ea occurrence) \$ 50	0,000	
		MED EXP (Any one person) \$ 5,	000	
		PERSONAL & ADV INJURY \$ 1,	000,000	
GEN'L AGGREGATE LIMIT APPLIES PER:		GENERAL AGGREGATE \$ 2,	000,000	
X POLICY PRO- JECT LOC		PRODUCTS - COMP/OP AGG \$ 2,	,000,000	
OTHER:		s		
B AUTOMOBILE LIABILITY	4457286400	6/14/2023 6/14/2024 COMBINED SINGLE LIMIT (Ea accident) \$		
X ANY AUTO		BODILY INJURY (Per person) \$ 1,	000,000	
OWNED SCHEDULED AUTOS		BODILY INJURY (Per accident) \$ 1,	000,000	
X HIRED X NON-OWNED AUTOS ONLY		PROPERTY DAMAGE \$ 1,	,000,000	
		\$		
UMBRELLA LIAB OCCUR		EACH OCCURRENCE \$		
EXCESS LIAB CLAIMS-MADE		AGGREGATE \$		
DED RETENTION \$		\$.,	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Y/N

N N/A

10665448-2023

72637778 ENV562012894-00

CERTIFICATE HOLDER	CANCELLATION
For Informational Purposes	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
Only	AUTHORIZED REPRESENTATIVE
	Clavely Hundred

© 1988-2015 ACORD CORPORATION. All rights reserved.

4/1/2024

6/14/2024 1/13/2024

4/1/2023

6/14/2023 1/13/2023 PER STATUTE

Rented Eqipment Aggregate Limit Each Poll, Condition

E.L. EACH ACCIDENT

E.L. DISEASE - EA EMPLOYEE

E.L. DISEASE - POLICY LIMIT

\$1,000,000

\$ 1,000,000

\$ 1,000,000

100,000 2,000,000 1,000,000

WORKERS COMPENSATION

Inland Marine Pollution Liability

A

AND EMPLOYERS' LIABILITY
ANYPROPRIETOR/PARTNER/EXECUTIVE
OFFICER/MEMBER EXCLUDED?
(Mandatory in NH)

If yes, describe under DESCRIPTION OF OPERATIONS below

Ron DeSantis, Governor

Melanie S. Griffin, Secretary



DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION STATE OF FLORIDA

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

CLOSE, THOMAS CHRISTOPHER

CLOSE CONSTRUCTION SERVICES, LLC
305 NW 4TH AVENUE
OKEECHOBEE FL 34972

LICENSE NUMBER: CGC1526474

EXPIRATION DATE: AUGUST 31, 2024

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.



Public Entity Crimes – Sworn Statement

This sworn statement hy

Section 00300

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a proposal on a contract to provide any goods or services to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of a period of 36 months from the date of being placed on the convicted vendor list.

Pursuant to Section 287.134(2) (a), Florida Statutes, an entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity.

Thomas C. Close. President

Tills sworth statement by		2.2.2.		
	Name and title of business represe	ntative		
who is authorized to represent	Close Construction Service	s		
partners, employees, sharehold	e entity submitting this statement, lers who are active in management and convicted of a public entity crim	t of the en	tity, nor any	affiliate of the
Signature				
9.5.2023 Date				
STATE OF FLORIDA COUNTY OF ORANGE				
Personally appeared before me	, the undersigned authority, on this	. (5)	5	_ day of
September , 2 Sheyl Z We Notary Public	0 <u>23</u> .	THE OF FLOR	SHERYL L. Commission # I Expires Novemb	HH 178070 per 16, 2025

CLOSE CONSTRUCTION SERVICES, LLC

305 NW 4th Avenue, Okeechobee, FL 34972

Phone: 863.467.0831 State License #CGC1526474

afaranaa

References

1.

Project Name: Three Island Recuse Irrigation

Owner:

City of Hallandale Beach, FL

Address:

630 NW 2nd St. Hallandale Beach, FL

Location:

Hallandale Beach, FL

Contact

Person:

Manga Ebbe

Telephone:

954.457.3043

Email:

mebbe@hallandalebeachfl.gov

Money Value

of Work:

\$ 1,508,698.83

Description: Installation of approximately 3,775 LF of Pressurized reuse irrigation main, installation of irrigation services lines, storage tank, construction of a new pump station, road restoration, pressure testing.

2.

Project Name: ADA and Drainage Improvements at Wabasso School

Owner:

School Board of Indian River County

Address:

6500 57th St. Vero Beach, FL 32967

Location:

Sebastain, FL

Contact

Person:

Rick Huff

Telephone:

772.564.5018

Email:

Richard.huff@indianriverschools.org

Money Value

of Work:

\$127,553.54

Description: Remove and replace concrete walk, ramps and stairs to meet ADA standards and update drainage system to capture downspout for walkway roof.

3.

Project Name: St. Lucie County Administration Building Drainage Connections

Owner:

St. Lucie County

Address:

2300 Virginia Ave. Fort Pierce, FL 34982

Location:

Fort Pierce, FL

Contact

Person:

Desiree Cimino

Telephone:

772.462.3581

Email:

Ciminod@stlucieco.org

Money Value

of Work:

\$131,417.49

Description: Drainage Improvements including remove and dispose of existing outlets and concrete, installation of 3 new FDOT inlets, 18" RCP, Pavement and restoration.

Close Construction Services. LLC Equipment List Heavy Equipment

Year Make and Model

1999 Daewoo 220 Track Hoe Excavator

2007 Wacker Compactor DPU6055/Plate Tamp

2011 Wacker Compactor BPU4045A/Plate Tamp

2010 Wacker Compactor BPU3050A/Plate Tamp

2004 Kubota Mini Excavator

2007 Bobcat T250 Skid Loader

2000 John Deere 444 Loader

2011 Doosan RX264H Jumping Jack

7 Foot Six Way Dozer Blade

1999 Ford F800 Water Truck

CLOSE CONSTRUCTION SERVICES, LLC

305 NW 4th Avenue, Okeechobee, FL 34972

Phone: 863.467.0831 State License #CGC1526474

Personnel List

Name

Title

Thomas C. Close

President/Project Manager

Christopher Rossi

Estimator

Sheryl Wells

Treasurer/Assistant Project Manager

Harvey Thin Elk

Laborer

Chris Mujica

Laborer

Donald Cooper

Superintendent

Clarence Thomas

Superintendent

Jeanne Thrash

Receptionist

Randall Seaver

Superintendent

Timothy Sinclair Jr.

Laborer



Additional Supplemental Contract Conditions

Section 00800

CITY OF BELLE ISLE, FLORIDA SUPPLEMENTAL CONTRACT CONDITIONS

The following 2 CFR policy requirements also apply to this assistance listing: 2 C.F.R. Part 25, Universal Identifier and System for Award Management; 2 C.F.R. Part 170, Reporting Subaward and Executive Compensation Information; and 2 C.F.R. Part 180, OMB Guidelines to Agencies on Government wide Debarment and Suspension (Nonprocurement). The following 2 CFR Policy requirements are excluded from coverage under this assistance listing: For 2 C.F.R. Part 200, Subpart C; 2 C.F.R. § 200.204 (Notices of Funding Opportunities); 2 C.F.R. § 200.205 (Federal awarding agency review of merit of proposal); 2 C.F.R. § 200.210 (Pre-award costs);and 2 C.F.R. § 200.213 (Reporting a determination that a non-Federal entity is not qualified for a Federal award). For 2 C.F.R. Part 200, Subpart D, the following provisions do not apply to the SLFRF program: 2 C.F.R. § 200.308 (revision of budget or program plan); 2 C.F.R. § 200.309 (modifications to period of performance); C.F.R. § 200.305 (b)(8) and (9) (Federal Payment).

A. Records

- 1. As a condition of receiving state or federal financial assistance, and as required by sections 20.055(6)(c) and 215.97(5)(b), Florida Statutes, the Division, the Chief Inspector General of the State of Florida, the Florida Auditor General, or any of their authorized representatives, shall enjoy the right of access to any documents, financial statements, papers, or other records of the Recipient which are pertinent to this Agreement, in order to make audits, examinations, excerpts, and transcripts. The right of access also includes timely and reasonable access to the Recipient's personnel for the purpose of interview and discussion related to such documents. For the purposes of this section, the term "Recipient" includes employees or agents, including all subcontractors or consultants to be paid from funds provided under this Agreement.
- The Recipient shall maintain all records related to this Agreement for the period of time specified in the appropriate retention schedule published by the Florida Department of State. Information regarding retention schedules can be obtained at: http://dos.myflorida.com/libraryarchives/records-management/generalrecords-schedules/.
- 3. Florida's Government in the Sunshine Law (section 286.011, Florida Statutes) provides the citizens of Florida with a right of access to governmental proceedings and mandates three, basic requirements: (1) all meetings of public boards or commissions must be open to the public; (2) reasonable notice of such meetings must be given; and (3) minutes of the meetings must be taken and promptly recorded.
- 4. Florida's Public Records Law provides a right of access to the records of the state and local governments as well as to private entities acting on their behalf. Unless specifically exempted from disclosure by Florida Statute, all materials made or received by a governmental agency (or

17 | Page



a private entity acting on behalf of such an agency) in conjunction with official business which are used to perpetuate, communicate, or formalize knowledge qualify as public records subject to public inspection.

IF THE RECIPIENT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE RECIPIENT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT: (850) 815-4156, Records@em.myflorida.com, or 2555 Shumard Oak Boulevard, Tallahassee, FL 32399.

B. COMPLIANCE WITH APPLICABLE LAW AND REGULATIONS.

- Recipient agrees to comply with the requirements of section 603 of the Act, regulations adopted
 by Treasury pursuant to section 603(f) of the Act, and guidance issued by Treasury regarding the
 foregoing. Recipient also agrees to comply with all other applicable federal statutes, regulations,
 and executive orders, and Recipient shall provide for such compliance by other parties in any
 agreements it enters into with other parties relating to this award.
- 2. Federal regulations applicable to this award include, without limitation, the following:
 - a. Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, 2 C.F.R. Part 200, other than such provisions as Treasury may determine are inapplicable to this Award and subject to such exceptions as may be otherwise provided by Treasury. Subpart F Audit Requirements of the Uniform Guidance, implementing the Single Audit Act, shall apply to this award.
 - b. Universal Identifier and System for Award Management (SAM), 2 C.F.R. Part 25, pursuant to which the award term set forth in Appendix A to 2 C.F.R. Part 25 is hereby incorporated by reference.
 - c. Reporting Subaward and Executive Compensation Information, 2 C.F.R. Part 170, pursuant to which the award term set forth in Appendix A to 2 C.F.R. Part 170 is hereby incorporated by reference.
 - d. OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement), 2 C.F.R. Part 180, including the requirement to include a term or condition in all lower tier covered transactions (contracts and subcontracts described in 2 C.F.R. Part 180, subpart B) that the award is subject to 2 C.F.R. Part 180 and Treasury's implementing regulation at 31 C.F.R. Part 19.
 - e. Recipient Integrity and Performance Matters, pursuant to which the award term set forth in 2 C.F.R. Part 200, Appendix XII to Part 200 is hereby incorporated by reference.
 - f. Governmentwide Requirements for Drug-Free Workplace, 31 C.F.R. Part 20.
 - g. New Restrictions on Lobbying, 31 C.F.R. Part 21.

18 | Page



- Uniform Relocation Assistance and Real Property Acquisitions Act of 1970 (42 U.S.C. §§ 4601-4655) and implementing regulations.
- i. Generally applicable federal environmental laws and regulations.
- 3. Statutes and regulations prohibiting discrimination applicable to this award include, without limitation, the following:
 - a. Title VI of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d et seq.) and Treasury's implementing regulations at 31 C.F.R. Part 22, which prohibit discrimination on the basis of race, color, or national origin under programs or activities receiving federal financial assistance;
 - b. The Fair Housing Act, Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§ 3601 et seq.), which prohibits discrimination in housing on the basis of race, color, religion, national origin, sex, familial status, or disability;
 - Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794), which
 prohibits discrimination on the basis of disability under any program or activity receiving
 federal financial assistance;
 - d. The Age Discrimination Act of 1975, as amended (42 U.S.C. §§ 6101 et seq.), and Treasury's implementing regulations at 31 C.F.R. Part 23, which prohibit discrimination on the basis of age in programs or activities receiving federal financial assistance; and
 - e. Title II of the Americans with Disabilities Act of 1990, as amended (42 U.S.C. §§ 12101 et seq.), which prohibits discrimination on the basis of disability under programs, activities, and services provided or made available by state and local governments or instrumentalities or agencies thereto.

C. REQUIRED CONTRACTUAL PROVISIONS

1. EQUAL OPPORTUNITY EMPLOYMENT

a. In accordance with 41 CFR §60-1.4(b), the Recipient hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the regulations of the Secretary of Labor at 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan, insurance, or guarantee, or undertaken pursuant to any Federal program involving such grant, contract, loan, insurance, or guarantee, the following equal opportunity clause:

During the performance of this contract, the contractor agrees as follows:



- 1. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:
- a. Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- 2. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- 3. The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.
- 4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- 5. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- 6. The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.



7. In the event of the contractor's noncompliance with the nondiscrimination clauses of this Agreement or with any of the said rules, regulations, or orders, this Agreement may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

8. The contractor will include the portion of the sentence immediately preceding paragraph 1(a)(ii) of this section and the provisions of subparagraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

2. COPELAND ANTI-KICKBACK ACT

- a. The Recipient hereby agrees that, unless exempt under Federal law, it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, the following clause:
 - "Contractor. The contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 CFR pt. 3 as may be applicable, which are incorporated by reference into this contract."
- b. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clause in subsection b(i) above and such other clauses as the Secretary may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.
- c. Breach. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 CFR § 5.12.



3. CONTRACT WORK HOURS AND SAFETY STANDARDS

If the Recipient, with the funds authorized by this Agreement, enters into a contract that exceeds \$100,000 and involves the employment of mechanics or laborers, then any such contract must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation.

4. CLEAN AIR ACT AND THE FEDERAL WATER POLLUTION CONTROL ACT

If the Recipient, with the funds authorized by this Agreement, enters into a contract that exceeds \$150,000, then any such contract must include the following provision:

"Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251- 1387), and will report violations to FEMA and the Regional Office of the Environmental Protection Agency (EPA)."

5. SUSPENSION AND DEBARMENT

If the Recipient, with the funds authorized by this Agreement, enters into a contract, then any such contract must include the following provisions:

- a. This contract is a covered transaction for purposes of 2 CFR pt. 180 and 2 CFR pt. 3000. As such the contractor is required to verify that neither the contractor, its principals (defined at 2 CFR § 180.995), nor its affiliates (defined at 2 CFR § 180.905) are excluded (defined at 2 CFR § 180.940) or disqualified (defined at 2 CFR § 180.935).
- b. The contractor must comply with 2 CFR pt. 180, subpart C and 2 CFR pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction into which it enters.
- c. This certification is a material representation of fact relied upon by the Division. If it is later determined that the contractor did not comply with 2 CFR pt. 180, subpart C and 2 CFR pt. 3000, subpart C, in addition to remedies available to the Division, the Federal Government may pursue available remedies, including, but not limited to, suspension and/or debarment.

22 | Page



d. The bidder or proposer agrees to comply with the requirements of 2 CFR pt. 180, subpart C and 2 CFR pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

6. BYRD ANTI-LOBBYING AMENDMENT

If the Recipient enters into a contract using funds authorized by this Agreement, then any such contract must include the following clause:

"Byrd Anti-Lobbying Amendment, 31 USC § 1352 (as amended). Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the Recipient."

9/5/2023



Bid Forms	00300
Contractors Name:	Gibbs & Register, Inc.
Project Identification:	COBI RFP #23-08 Cross Lake Rd Roadway Improvements Project
Owner:	CITY OF BELLE ISLE
City Bid #:	#23-08

- 1) The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with the City in the form included in this document to complete all work as specified or indicated in the Project Manual for the Contract Price and within the Contract Time indicated in this Bid and in accordance with the document.
- 2) The Bidder certifies that they have investigated the requirements to do business in the jurisdiction where the project is located, and that they are either qualified to do business or will obtain such pre-qualification before award of the contract.
- 3) The Bidder certifies that they have reviewed, understand, and accepts the Supplemental Contract Conditions for Federal Contracting prior to submitting their bid.
- 4) The Bidder accepts all of the terms and conditions in this document including, without limitation, those dealing with the disposition of Bid Security (if applicable). This Bid will remain open for 60 days after the day of the Bid Opening. The Bidder will sign the Agreement and other documents required by the Contract Documents within 10 days after the date of City's Notice of Award.
- 5) In submitting this Bid, the Bidder represents, as more fully set forth in the Agreement, that:
 - Date: 8/15/2023; 8/29/2023 Number: A; B

a) The Bidder has examined copies of all Contract Documents and the following addenda:

- b) The Bidder has examined the site and locality where the work is to be performed and the conditions affecting cost, progress or performance of the work and has made such independent investigations as the Bidder deems necessary.
- c) This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation or solicited any other Bidder to submit a false or sham Bid and the Bidder has not sought by collusion to obtain for themselves any advantage over any other Bidder or over the City.
- 6) BIDDER will complete the Work outlined in the Construction Documents and Specifications as outlined herein.

We/I	Gibbs & Register, Inc.	have	carefully	examined	the
constru	uction documents and specifications, and hereby propose	e to provide	the comple	ete installation	on of
paving	an existing gravel/dirt road (dead end), milling and	repaving ar	existing a	asphalt road	dway
(interse	ection), installation of curbing, park renovations to include	de earthwor	ks and a co	ncrete pad	for a
picnic t	table, construction of a drainage swale and associated wo	rks at the Pr	oject site. T	he cost indic	cated
below i	includes all labor, materials, equipment, construction mana	agement and	I testing tha	it is shown i	n the
constru	uction documents and as outlined herein. The cost indicate	ed below also	includes a	ll labor, mat	erial,
equipm	nent, construction management and testing that may not	be expressly	shown on	the constru	ction

7 | Page



documents but that are i	nherently necessary to complete the works.	
Complete Project Base B	Bid as specified Lump Sum: \$ 298,811	·
To evaluate potential Ch the attached form withir	ange Order requests, the Bidder shall provide the following a Appendix A .	unit prices listed on
	declares that they have carefully examined the individual ete the CROSS LAKE ROAD ROADWAY IMPROVEMENTS Plants.	
The terms used in this Bi	d were submitted to the City of Belle Isle on the <u>31</u> of	August, 2023.
By: Individual's Name John Rodriguez Individual's Name	z, President	
doing business as	Gibbs & Register, Inc.	_ (business name)
Business Address:	232 S. Dillard Street, Winter Garden, FL 34787	
Business Phone No.:	407-654-6133	
Business Fax No.:	407-654-6134	
Email:	estimating@gibbsreg.com	
Communications to the	BIDDER concerning this Bid shall be addressed to:	
Mailing Address:	Gibbs & Register, Inc.	
Street Address:	232 S. Dillard Street	
City, State and Zip:	Winter Garden, FL 34787	
Telephone No.:	407-654-6133	
Fax No.:	407-654-6134	

estimating@gibbsreg.com

Email:

^{*}It is understood that the City of Belle Isle reserves the right to accept or reject any or all bids not deemed in the best interest of the City as determined by the City.

CITY OF BELLE ISLE

RFP # 23-08

COBI RFP #23-08 CROSS LAKE RD ROADWAY IMPROVEMENTS PROJECT

CHANGE ORDER UNIT COST FORM

Name of Business: Gibbs & Register, Inc.

Contact Person: Matt Karash, P.E.

Email Address: estimating@gibbsreg.com

Authorized Person Name: John Rodriguez, President

Signature of Authorized Person:

	PROPOSED PRICING				
ITEM #	DESCRIPTION	UNIT	UNIT PRICE	TOTAL PRICE	
	GENERAL				
1	Mobilization	LS	\$ 29,000	\$ 29,000	
	DEMOLITION AND EROSION CONTROL				
1	Erosion Control/Turbidity Barrier	LS	# 12,000	\$ (2,000°	
2	Traffic Control/MOT	LS	#6,300 mg	# 6,300°	
3	Fence Removal	LS	\$2,5000	#2,50000	
4	Clearing and Grubbing	LS	\$ 5,00000	\$ 5,000 00	
5	Mill Asphalt	SY	\$35°	TBD	
6	Excavate & Haul Existing Road Gravel	SY	#27 =	TBD	
7	Remove Concrete Driveway	SY	*45°	T80	
8	Unknown Utilities Contingency	LS	Owner	Owner	
9	Unknown Irrigation Contingency	LS	Owner	Owner	
	PAVEMENT/SITEWORK				
1	Rain Guardian Turret	LS	\$17,500	\$ 7,500	
2	Riprap Boulders (6" dia.)	LS	\$4,0000	\$ 4,000 00	
3	Aggregate Paver (Ecoraster E50)	SF	8250	TBD	
4	Paver Infill – 2" (#78 Gravel)	СУ	\$ 90000	TBD	
5	Paver Base – 6" (#57 Clean Stone)	СҮ	\$ 65000	TBD	
6	Asphalt – SP 12.5 – 2"	SY	\$ 6500	TBD	
7	Asphalt – SP 12.5 – 1.5"	SY	\$ 6000	TBD	
8	Base – 4" (Compacted Crushed RCA)	SY	# 49 °	TBD	
9	Pavement Striping	LS	#6,5000	\$6,5000	
10	Concrete Sidewalk and Pads – 4"	SY	#255	TAD	
11	Concrete Driveway – 6"	SY	\$ 2650	TBD	
12	FDOT 2' Drop Curb	LF	476 =	TID	
13	FDOT Type 'D' Curb	LF	B 76 00	TBD	
14	FDOT Type 'F' Curb	LF	\$ 760	CIT	
15	Site Grading	LS	\$21,435	\$21,435	
16	Install Fence (in kind) and 5-Gate	LF	\$250 00	TBD	

AIA° Document A310™ – 2010

Bid Bond

CONTRACTOR:

(Name, legal status and address) Gibbs & Register, Inc. 232 S. Dillard Street Winter Garden, FL 34787

SURETY:

(Name, legal status and principal place of business) **Great American Insurance Company** 301 East 4th Street Cincinnati, OH 45202

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:

(Name, legal status and address) City of Belle Isle 1600 Nela Avenue Belle Isle, FL 32809

BOND AMOUNT: *** TEN PERCENT OF AMOUNT BID *** (10%)

PROJECT:

(Name, location or address, and Project number, if any)

Bid No. 23-08, Cross Lake Road Roadway Improvements Project, Belle Isle, Florida

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this

31st

day of August, 2023

(Witness)

Gibbs & Register, Inc. (Principal)

(Seal)

19

(Title) John E. Rodriguez, President

Great American Insurance Company

(Seal)

Guignard Company/Inquiries (407) 834-0022

((Title) Jennifer L. Hindley, Attorney-in-Fact & Licensed Resident Agent State of Florida

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

AIA Document A310™ – 2010. Copyright © 1963, 1970 and 2010 by The American Institute of Architects. All rights reserved. WARNING: This AIA® Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA® Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law. Purchasers are permitted to reproduce ten (10) copies of this document when completed. To report copyright violations of AIA Contract Documents, e-mail The American Institute of Architects' legal counsel, copyright@aia.org. 061110

GREAT AMERICAN INSURANCE COMPANY®

Administrative Office: 301 E 4TH STREET CINCINNATI, OHIO 45202 1513-369-5000 FAX 513-723-2740

The number of persons authorized by this power of attorney is not more than TEN

No. 0 21820

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the GREAT AMERICAN INSURANCE COMPANY, a corporation organized and existing under and by virtue of the laws of the State of Ohio, does hereby nominate, constitute and appoint the person or persons named below, each individually if more than one is named, its true and lawful attorney-in-fact, for it and in its name, place and stead to execute on behalf of the said Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligations in the nature thereof, provided that the liability of the said Company on any such bond, undertaking or contract of suretyship executed under this authority shall not exceed the limit stated below.

MARGIE L. MORRIS BRYCE R. GUIGNARD APRIL L. LIVELY

ALLYSON FOSS WING

JENNIFER L. HINDLEY CHRISTINE MORTON **KELLY PHELAN** DAVID R. TURCIOS

Name

WESLEY MATTHEW ADCOCK **DEBORAH ANN MURRAY**

Address LONGWOOD, FLORIDA

LONGWOOD, FLORIDA LONGWOOD, FLORIDA LONGWOOD, FLORIDA LONGWOOD, FLORIDA TAMPA, FLORIDA

Limit of Power ALL \$100,000,000

This Power of Attorney revokes all previous powers issued on behalf of the attorney(s)-in-fact named above.

IN WITNESS WHEREOF the GREAT AMERICAN INSURANCE COMPANY has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this JANUARY day of 2023

Attest

Assistant Secretary

Susan a Lohowst

Divisional Senior Vice President MARK VICARIO (877-377-2405)

STATE OF OHIO, COUNTY OF HAMILTON - ss:

On this 5TH day of

JANUARY

2023 , before me personally appeared MARK VICARIO, to me known,

GREAT AMERICAN INSURANCE COMPANY

being duly sworn, deposes and says that he resides in Cincinnati, Ohio, that he is a Divisional Senior Vice President of the Bond Division of Great American Insurance Company, the Company described in and which executed the above instrument; that he knows the seal of the said Company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by authority of his office under the By-Laws of said Company, and that he signed his name thereto by like authority.



SUSAN A KOHORST **Notary Public** State of Ohio My Comm. Expires May 18, 2025

This Power of Attorney is granted by authority of the following resolutions adopted by the Board of Directors of Great American Insurance Company by unanimous written consent dated June 9, 2008.

RESOLVED: That the Divisional President, the several Divisional Senior Vice Presidents, Divisional Vice Presidents and Divisonal Assistant Vice Presidents, or any one of them, be and hereby is authorized, from time to time, to appoint one or more Attorneys-in-Fact to execute on behalf of the Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligations in the nature thereof; to prescribe their respective duties and the respective limits of their authority; and to revoke any such appointment at any time.

RESOLVED FURTHER: That the Company seal and the signature of any of the aforesaid officers and any Secretary or Assistant Secretary of the Company may be affixed by facsimile to any power of attorney or certificate of either given for the execution of any bond, undertaking, contract of suretyship, or other written obligation in the nature thereof, such signature and seal when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

CERTIFICATION

I, STEPHEN C. BERAHA, Assistant Secretary of Great American Insurance Company, do hereby certify that the foregoing Power of Attorney and the Resolutions of the Board of Directors of June 9, 2008 have not been revoked and are now in full force and effect.

Signed and sealed this

day of



Assistant Secretary



Drug Free Workplace Certification

Section 00300

Identical or "Tie" Bids:

Preference shall be given to businesses with drug free workplace programs. Whenever two or more proposals which are equal in respect to price, quality, and service are received by the State or by any political subdivision for procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug free workplace program shall be given preference in the award process.

In order to have a drug free workplace program, a business shall:

- 1) Publish and pass out to each employee a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace.
- 2) Inform employees about the dangers of drug abuse in the workplace and the penalties that may be imposed upon employees for drug abuse violation.
- 3) Inform employees that the employer must be notified of a violation occurring in the workplace no later than five (5) calendar days after a conviction.
- 4) Impose sanctions 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 employees who is so convicted.

5) Make a good faith effort to continue to maintain a drug free workplace through implementation of this section.

8/31/2023

Date

John Rodriguez Name (printed)

Name (signature

President

Title



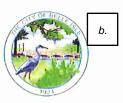
Public Entity Crimes – Sworn Statement

Section 00300

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a proposal on a contract to provide any goods or services to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of a period of 36 months from the date of being placed on the convicted vendor list.

Pursuant to Section 287.134(2) (a), Florida Statutes, an entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity.

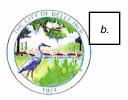
This sworn statement by	John Rodriguez, President
-	Name and title of business representative
who is authorized to represent	Gibbs & Register, Inc. Business name
partners, employees, sharehold	e entity submitting this statement, nor any officers, directors, executived lers who are active in management of the entity, nor any affiliate of the and convicted of a public entity crime subsequent to July 1, 1989.
Signature	
August 31, 2023	
Date	
STATE OF FLORIDA COUNTY OF ORANGE Personally appeared before me	, the undersigned authority, on this 31 day of
reisonally appeared before the	, the undersigned authority, on this day or
March , 2	742026
Notary Public Jennifer Teresa	Spolyar JENNIFER TERESA SPOLYAR Notary Public-State of Florida Commission Date Commission # HH 242686 My Commission Expires July 04, 2026



SUPPLEMENTARY CONDITIONS OF THE CONSTRUCTION CONTRACT

TABLE OF CONTENTS

	Page
Article 1— Definitions and Terminology	1
Article 2— Preliminary Matters	1
Article 3— Contract Documents: Intent, Requirements, Reuse	1
Article 4— Commencement and Progress of the Work	1
Article 5— Site, Subsurface and Physical Conditions, Hazardous Environmental Conditions	2
Article 6— Bonds and Insurance	4
Article 7— Contractor's Responsibilities	4
Article 8— Other Work at the Site	4
Article 9— Owner's Responsibilities	4
Article 10— Engineer's Status During Construction	4
Article 11— Changes to the Contract	Z
Article 12— Claims	∠
Article 13— Cost of Work; Allowances, Unit Price Work	5
Article 14— Tests and Inspections; Correction, Removal, or Accceptance of Defective Work	5
Article 15— Payments to Contractor, Set Offs; Completions; Correction Period	5
Article 16— Suspension of Work and Termination	5
Article 17— Final Resolutions of Disputes	5
Article 18— Miscellaneous	5
Exhibit A— Software Requirements for Electronic Document Exchange	1
Exhibit B— Foreseeable Bad Weather Days	1



SUPPLEMENTARY CONDITIONS OF THE CONSTRUCTION CONTRACT

These Supplementary Conditions amend or supplement EJCDC® C-700, Standard the General Conditions of the Construction Contract (2018). The General Conditions remain in full force and effect except as amended.

The terms used in these Supplementary Conditions have the meanings stated in the General Conditions. Additional terms used in these Supplementary Conditions have the meanings stated below, which are applicable to both the singular and plural thereof.

The address system used in these Supplementary Conditions is the same as the address system used in the General Conditions, with the prefix "SC" added—for example, "Paragraph SC-4.05."

ARTICLE 1—DEFINITIONS AND TERMINOLOGY

No Supplementary Conditions in this Article.

ARTICLE 2—PRELIMINARY MATTERS

- 2.04 Communications with Residents
 - A. Contractor is responsible for maintaining communication with residents for the duration of the project. This especially applies to times when driveways, sidewalks and roadways are inaccessible.

ARTICLE 3—CONTRACT DOCUMENTS: INTENT, REQUIREMENTS, REUSE

No Supplementary Conditions in this Article.

ARTICLE 4—COMMENCEMENT AND PROGRESS OF THE WORK

4.05 Delays in Contractor's Progress

SC-4.05.C:

- Weather-Related Delays
 - a. If "abnormal weather conditions" as set forth in Paragraph 4.05.C.2 of the General Conditions are the basis for a request for an equitable adjustment in the Contract Times, such request must be documented by data substantiating each of the following: 1) that weather conditions were abnormal for the period of time in which the delay occurred, 2) that such weather conditions could not have been reasonably anticipated, and 3) that such weather conditions had an adverse effect on the Work as scheduled.
 - b. The existence of abnormal weather conditions will be determined on a month-bymonth basis in accordance with the following:



- 1) Every workday on which one or more of the following conditions exist will be considered a "bad weather day":
 - i) Total precipitation (as rain equivalent) occurring between 7:00 p.m. on the preceding day (regardless of whether such preceding day is a workday) through 7:00 p.m. on the workday in question equals or exceeds 0.5" (inch) of precipitation (as rain equivalent, based on the snow/rain conversion indicated in the table entitled Foreseeable Bad Weather Days; such table is hereby incorporated in this SC-4.05.C by reference.
 - ii) Ambient outdoor air temperature at 11:00 a.m. is equal to or less than the following low temperature threshold: **30** degrees Fahrenheit; or, at 3:00 p.m. the ambient outdoor temperature is equal to or greater than the following high temperature threshold: **110** degrees Fahrenheit.
- 2) Determination of actual bad weather days during performance of the Work will be based on the weather records measured and recorded by [name of the entity operating the weather station] weather monitoring station at [location of the weather monitoring station].
- 3) Contractor shall anticipate the number of foreseeable bad weather days per month indicated in the table in **Exhibit B**—Foreseeable Bad Weather Days.
- 4) In each month, every bad weather day exceeding the number of foreseeable bad weather days established in the table in **Exhibit B**—Foreseeable Bad Weather Days will be considered as "abnormal weather conditions." The existence of abnormal weather conditions will not relieve Contractor of the obligation to demonstrate and document that delays caused by abnormal weather are specific to the planned work activities or that such activities thus delayed were on Contractor's then-current Progress Schedule's critical path for the Project.

ARTICLE 5—SITE, SUBSURFACE AND PHYSICAL CONDITIONS, HAZARDOUS ENVIRONMENTAL CONDITIONS

- 5.03 Subsurface and Physical Conditions
- SC-5.03 Add the following new paragraphs immediately after Paragraph 5.03.D:
 - E. The following table lists the reports of explorations and tests of subsurface conditions at or adjacent to the Site that contain Technical Data, and specifically identifies the Technical Data in the report upon which Contractor may rely: [If there are no such reports, so indicate in the table.]



Report Title	Date of Report	Technical Data
		[Identify Technical Data]

F. The following table lists the drawings of existing physical conditions at or adjacent to the Site, including those drawings depicting existing surface or subsurface structures at or adjacent to the Site (except Underground Facilities), that contain Technical Data, and specifically identifies the Technical Data upon which Contractor may rely: [If there are no such drawings, so indicate in the table.]

Drawings Title	Date of Drawings	Technical Data
		[Identify Technical Data]

- G. Contractor may examine copies of reports and drawings identified in SC-5.03.E and SC-5.03.F that were not included with the Bidding Documents at [location] during regular business hours, or may request copies from Engineer.
- 5.06 Hazardous Environmental Conditions
- SC-5.06 Add the following new paragraphs immediately after Paragraph 5.06.A.3:
 - 4. The following table lists the reports known to Owner relating to Hazardous Environmental Conditions at or adjacent to the Site, and the Technical Data (if any) upon which Contractor may rely: [If there are no such reports, so indicate in the table]

Report Title	Date of Report	Technical Data
		[Identify Technical Data]

5. The following table lists the drawings known to Owner relating to Hazardous Environmental Conditions at or adjacent to the Site, and Technical Data (if any) contained in such Drawings upon which Contractor may rely: [If there are no such drawings, so indicate in the table]

Drawings Title	Date of Drawings	Technical Data
		[Identify Technical Data]

- 5.07 Specific Underground Utilities
 - A. Contractor is to be aware that there is a potable water main crossing and electrical/telecom crossing. Contractor to verify depth of utilities. If upon verifying depths the Contractor discovers that there will be a conflict with the design, Contractor will immediately notify Engineer in writing.
 - 1. Contractor shall not procure drainage boxes until depth of utilities is determined.

Supplementary Conditions of the Construction Contract



2. Contractor is responsible to provide support of utilities as needed.

ARTICLE 6—BONDS AND INSURANCE

6.02 Insurance—General Provisions

SC-6.02.B:

1. Contractor may obtain worker's compensation insurance from an insurance company that has not been rated by A.M. Best, provided that such company (a) is domiciled in the state in which the Project is located, (b) is certified or authorized as a worker's compensation insurance provider by the appropriate state agency, and (c) has been accepted to provide worker's compensation insurance for similar projects by the state within the last 12 months.

ARTICLE 7—CONTRACTOR'S RESPONSIBILITIES

7.03 Labor; Working Hours

D. Contractor shall be responsible for the cost of any overtime pay or other expense incurred by the Owner for Engineer's services (including those of the Resident Project Representative, if any), Owner's representative, and construction observation services, occasioned by the performance of Work on Saturday, Sunday, any legal holiday, or as overtime on any regular work day. If Contractor is responsible but does not pay, or if the parties are unable to agree as to the amount owed, then Owner may impose a reasonable set-off against payments due under Article 15.

ARTICLE 8—OTHER WORK AT THE SITE

No Supplementary Conditions in this Article.

ARTICLE 9—OWNER'S RESPONSIBILITIES

No Supplementary Conditions in this Article.

ARTICLE 10—ENGINEER'S STATUS DURING CONSTRUCTION

No Supplementary Conditions in this Article.

ARTICLE 11—CHANGES TO THE CONTRACT

No Supplementary Conditions in this Article.

ARTICLE 12—CLAIMS

No Supplementary Conditions in this Article.

Supplementary Conditions of the Construction Contract

COBI RFP #23-08



ARTICLE 13—COST OF WORK; ALLOWANCES, UNIT PRICE WORK

No Supplementary Conditions in this Article.

ARTICLE 14—TESTS AND INSPECTIONS; CORRECTION, REMOVAL, OR ACCCEPTANCE OF DEFECTIVE WORK

No Supplementary Conditions in this Article.

ARTICLE 15—PAYMENTS TO CONTRACTOR, SET OFFS; COMPLETIONS; CORRECTION PERIOD

No Supplementary Conditions in this Article.

ARTICLE 16—SUSPENSION OF WORK AND TERMINATION

No Supplementary Conditions in this Article.

ARTICLE 17—FINAL RESOLUTIONS OF DISPUTES

17.03 Construction Site Training

A. If the Contractor or Contractor's insurance policy requires a training seminar prior to others entering the project's construction site, that training shall be hosted and paid for by the Contractor.

ARTICLE 18—MISCELLANEOUS

No Supplementary Conditions in this Article.



EXHIBIT A—SOFTWARE REQUIREMENTS FOR ELECTRONIC DOCUMENT EXCHANGE

ltem	Electronic Documents	Transmittal Means	Data Format	Note (1)		
a.1	General communications, transmittal covers, meeting notices and responses to general information requests for which there is no specific prescribed form.	Email	Email	. ,		
a.2	Meeting agendas, meeting minutes, RFI's and responses to RFI's, and Contract forms.	Email w/ Attachment	PDF	(2)		
a.3	Contactors Submittals (Shop Drawings, "or equal" requests, substitution requests, documentation accompanying Sample submittals and other submittals) to Owner and Engineer, and Owner's and Engineer's responses to Contractor's Submittals, Shop Drawings, correspondence, and Applications for Payment.	Email w/ Attachment	PDF			
a.4	Correspondence; milestone and final version Submittals of reports, layouts, Drawings, maps, calculations and spreadsheets, Specifications, Drawings and other Submittals from Contractor to Owner or Engineer and for responses from Engineer and Owner to Contractor regarding Submittals.	Email w/ Attachment or LFE	PDF			
a.5	Layouts and drawings to be submitted to Owner for future use and modification.	Email w/ Attachment or LFE	ĐWG			
a.6	Correspondence, reports and Specifications to be submitted to Owner for future word processing use and modification.	Email w/ Attachment or LFE	DOC			
a.7	Spreadsheets and data to be submitted to Owner for future data processing use and modification.	Email w/ Attachment or LFE	EXC			
a.8	Database files and data to be submitted to Owner for future data processing use and modification.	Email w/ Attachment or LFE	ĐB			
Notes						
(1)	All exchanges and uses of transmitted data are subject to the approper	opriate provisions of C	ontract			
(2)	Transmittal of written notices is governed by Paragraph 18.01 of th	e General Conditions.				
Key						
Email	Standard Email formats (.htm, .rtf, or .txt). Do not use stationery finding impair legibility of content on screen or in printed copies	formatting or other fe	atures tha	ŧ		
LFE	Agreed upon Large File Exchange method (FTP, CD, DVD, hard driv	ve)				
PDF	Portable Document Format readable by Adobe® Acrobat Reader \	Version [number] or la	ater			
DWG	Autodesk® AutoCAD .dwg format Version [number]					
DOC	Microsoft® Word .docx format Version [number]					
EXC	Microsoft® Excel .xls or .xml format Version [number]					
ÐB	Microsoft® Access .mdb format Version [number]	Microsoft® Access .mdb format Version [number]				

COBI RFP #23-08

Cross Lake Rd Roadway Improvements Project



EXHIBIT B—FORESEEABLE BAD WEATHER DAYS

		Ambient Outdoor Air Temperature (degrees F)				
Month	Number of Foreseeable Bad Weather Days in Month Based on Precipitation as Rain Equivalent (inches) ⁽¹⁾	Number of Foreseeable Bad Weather Days in Month Based on Low Temperature (at 11:00 a.m.)	Number of Foreseeable Bad Weather Days in Month Based on High Temperature (at 3:00 p.m.)			
January	0	0	0			
February	0	0	0			
March	3	0	0			
April	4	0	0			
May	1	0	0			
June	3	0	0			
July	4	0	0			
August	4	. 0	0			
September	9	0	0			
October	1	0	0			
November	2	0	0			
December	1	0	0			
A 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			·			

Notes:

**NOTE – The "foreseeable" number of days used in the table above was taken from the Weather Underground website (www.wunderground.com/history) for the year of 2022.

- 1. The number of days above is an assumption based on greater than or equal to 0.5 inches of rainfall that occurred each month in 2022.
- 2. The number of days above is an assumption based on a daily low temperature of less than or equal to 30 degree Fahrenheit or greater than or equal to 110 degrees Fahrenheit.
- 3. There may be an increase or decrease in the number of "foreseeable" bad weather days for the months in the current year for which the duration of the project will be held.

^{1.} Two inches of sleet equal one inch of rain. Five inches of wet, heavy snow equal one inch of rain. Fifteen inches of "dry" powder snow equals one inch of rain.

Gibbs & Register, Inc.

Equipment List

List each major item of equipment owned by the Applicant that is utilized in performing the

ITEM NO.	QUANTITY	DESCRIPTION AND CAPACITY OF ITEMS (Do not lump items except small hand tools and items of the same type and size)	YEAR MFGD
1	1	Berger Line Transfer Unit	9/24/99
2	1	Vibratory Plate	10/21/99
3	1	Cut Off Saw	10/25/99
4	1	Steam Cleaner	2/03/00
5	1	Bobcat Saw	3/15/00
6	1	Scanner	6/01/01
7	1	Laser	6/29/01
9	1	Towmaster	12/07/01
10	1	Berger line transfer unit	9/01/02
12	1	Pipe laser	9/10/02
16	1	Hertz Plate Tamp	4/30/03
18	1	Machinery/Equipment	6/06/03
19	1	OE538 Light Tower	8/22/03
20	1	HE524 Laymor Broom	9/08/03
22	1	Survey software	3/09/04
25	1	Plate Compactors (2)	7/31/04
26	1	Hertz Multi Equip mixer	10/01/04
33	1	OE547 Field Clamp	7/28/05
36	1	OE548 PC204 Skid Steer Attach	9/02/05
37	1	OE551 - IR Port Diesel Compressor	10/31/05
38	1	OE552 - CAT 928G Quick Coupler Rake	1/23/06
39	1	OE554 - PC 150 Curb Machine	5/22/06
40	1	OE555 - Rock Box	6/19/06
42	1	OE556 - Pond Prowler Boat	8/03/06
43	1	OE557 - Manlift Attachment	8/25/06
48	1	OE560 MWI 4" Pump	12/13/06
51	1	HE637 Wacker Vib Roller	2/02/07
53	1	OE561 6" Hyd Pump	4/18/07
57	1	OE563 Hiper Survey Equip	6/27/07
71	1	OE575 screed roller	8/01/11
80	1	LV340 Ford F-450 2013	3/05/13
81	1	HE662 Bomag Roller 120AD	4/01/13
82	1	HE663 Bomag roller 124D-4	4/01/13
85	1	PU262 13 Ford F-150 truck	5/25/13

88	1	SE849 Webber plate tamp	6/01/13
89	1	PU263 13 Ford F-150	9/18/13
90	1	HE664 Broom CB90	10/01/13
91	1	HE665 broom CB90	10/01/13
92	1	LV342 IH water truck	12/01/13
93	1	PU264 13 F-150 truck	2/01/14
94	1	PU265 13 F-150 truck	3/01/14
95	1	OE583 light tower	3/01/14
96	1	OE584 light tower	3/01/14
97	1	OE672-quick coupler excavator	4/15/14
98	1	HE687 Bomag roller BW11RH	7/01/14
99	1	PU266 14 F-150	9/18/14
100	1	HE689-CAT 908H loader	4/01/15
101	1	SU175 Topcon survey equip	4/07/15
102	1	OE586- CAT PC310B milling attachme	6/01/15
103	1	HE694 Bomag Roller 177D (1160)	6/01/15
104	1	OE587 mower (zero turn riding)	6/10/15
105	1	PU269 F-150 truck	7/28/15
107	1	LV344 F-450 Truck	1/25/16
109	1	PU271 F-150 truck 2016	4/29/16
110	1	LV345-2016 F450 truck	5/01/17
111	1	HE716 JD60G mini excav	6/01/17
112	1	OE593-Fork Lift Yale	7/01/17
116	1	LV346 2018 Peterbuilt truck	1/18/19
117	1	HE725 Hit Z50 mini excav	4/24/19
119	1	T15 fuel tank 552 Gallon	5/10/19
120	1	T16 fuel tank 552 gallon	5/10/19
121	1	T17 fuel tank 552 gallon	5/10/19
122	1	T18 fuel tank 552 gallon	5/10/19
123	1	T19 fuel tank 552 gallon	5/10/19
124	1	T20 fuel tank 552 gallon	5/10/19
125	1	HE730-Lay Mor SM300 broom	7/12/19
126	1	HE731 CAT279D skid steer	8/01/19
127	1	LV347 F550 truck 2019	8/09/19
128	1	LV348 Ram 2500 2019	11/01/19
129		LV349-RAM truck 2020	7/01/20
131	1	HE735 JD331G skid steer	12/01/20
132	1	SU190 Topcon survey base	5/01/21
133		HE739 Hamm roller	5/01/21
134		HE740 JD85G excavator	5/01/21
135	1	HE744 JD85G excavator	7/01/21

136	1	HE745 JD135G excavator	7/01/21
139	1	OE601 screed machine	8/30/21
140	1	HE752 Bomag BW177 roller	11/01/21
141	1	PU272 F150 truck	11/30/21
142	1	HE753 CAT 289 skid steer	12/01/21
143	1	HE754 CAT289 skid steer	12/01/21
144	1	PU273 F150 truck 22	3/01/22
145	1	OE602 Vermeer vac	3/17/22
146	1	HE755 Laymor broom	3/25/22
147	1	PU274 22 F150 truck	4/18/22
148	1	PU275 22 F150 truck	5/05/22
149	1	PU276 F150 22 truck	8/01/22
150	1	HE761 Laymor broom	8/02/22
151	1	OE604 topcon base	9/01/22
152	1	LV350 F-250 truck 22	10/25/22
total			

b.

EQUAL OPPORTUNITY WORKFORCE SCHEDULE

See: Sec. 17-322 (Establishment of goals; employment), Orange County Code of Ordinances

Directions: Review the definition of "minority" in Sec. 17-319 (Definitions), Orange County, Code of Ordinances, and record the demographics of your workforce by inserting the number of applicable employees in each box below. The County will only consider your total workforce ("TWF") that falls within the "employee types" designated by an asterisk (*) when evaluating this Bid/Proposal Response. For data collecting purposes, record any applicable employees located in the Orlando Metropolitan Statistical Area ("OMSA") of Lake, Orange, Osceola, and Seminole

		. 9 .	TY: 1 TY: TOTAL	• • •				NY a Line		:000	1 2440/20	TOT	
	WORKFORCE	Airican /	Airican American	ASIAN A	ASIAN AMERICAN	TWE	TWF OMSA	TWE	TWF OMSA	TWF	TWF OMSA	TWF	OMSA
		IWF	OMISA	T W.E	ACMO	TAAT	ACMO	T 44 T	OMOA	7117	O.M.	7117	A LANGE
	Officials, Managers, and Supervisors*			2	2	2	2			11	8	15	12
	Professionals*									3	2	3	2
E)	Technicians*												
ΊV	Sales Workers									4	4	4	4
M)	Office and Clerical												
səd	Craftsman (Skilled)	16	12			22	6			12	4	50	25
ΙζΤ	Operatives (Semi-Skilled)	4	2			7	2			8	5	19	12
99/	Laborers (Unskilled)	4				6	9			_		14	8
lolq	1 4												
լաշ	Apprentice*												
L	Interns/Co-Ops*												
	Displaced Workers												
	MALE SUBTOTAL	24	15	2	2	40	22	0	0	39	24	105	63
	Officials, Managers, and Supervisors*									3	3	3	3
CE)	Technicians*												
VI/	Sales Workers												
LE						I						1	
() s	Craftsman (Skilled)												
ype	Operatives (Semi-Skilled)												
T ə	Laborers (Unskilled)												
oye	Service Workers												
dw	'Apprentice*	:											
E													
	Displaced Workers												
	FEMALE SUBTOTAL	0	0	0	0	1		0	0	3	3	4	3
	TOTAL	24	15	2	2	41	22	0	0	42	27	109	99



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/Y 06/29/202

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on

this certificate does not confer rights to the certificate h	nolder	in lieu of such	endorsement(s).	
PRODUCER			CONTACT Elinn Peacock NAME:	_
Brown & Brown of Florida, Inc.			PHONE (386) 944-5804 FAX (A/C, No): (386) 3	333-6113
P.O. Box 2412			E-MAIL ADDRESS: elinn.peacock@bbrown.com	
			INSURER(S) AFFORDING COVERAGE	NAIC#
Daytona Beach	FL	32115-2412	INSURER A: Greenwich Insurance Company	22322
INSURED			INSURER B: Markel American Insurance Company	28932
GIBBS & REGISTER, INC			INSURER C: XL Specialty Insurance Company	37885
232 S DILLARD ST			INSURER D: Ategrity Specialty Insurance Company	16427
			INSURER E:	
WINTER GARDEN	FL	34787	INSURER F:	
COVERAGES CERTIFICATE NUMBER	BER:	23-24	REVISION NUMBER:	
			ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD	

INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

	CLUSIONS AND CONDITIONS OF SUCH PO							
INSR LTR	TYPE OF INSURANCE	ADDL S	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	
	CLAIMS-MADE COCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000 \$ 500,000
				RGC3001756	07/01/2023	07/01/2024		\$ 10,000 \$ 1,000,000
A	GEN'L AGGREGATE LIMIT APPLIES PER:			NGC3001730	0770172020	0770172024	PERSONAL & ADV INJURY GENERAL AGGREGATE	\$ 2,000,000
	POLICY PRO- LOC						PRODUCTS - COMP/OP AGG	\$ 2,000,000
Ì	OTHER:							\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	ANY AUTO						BODILY INJURY (Per person)	\$
Α	OWNED SCHEDULED AUTOS ONLY		RAC9438176	RAC9438176	07/01/2023	07/01/2024	BODILY INJURY (Per accident)	\$
	HIRED NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	\$
1							PIP-Basic	\$ 10,000
	★ UMBRELLA LIAB ★ OCCUR						EACH OCCURRENCE	\$ 5,000,000
В	EXCESS LIAB CLAIMS-MADE			MKLM&EUL100633	07/01/2023	07/01/2024	AGGREGATE	\$ 5,000,000
	DED RETENTION \$ 0							\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER OTH- STATUTE ER	
C	ANY PROPRIETOR/PARTNER/EXECUTIVE	N/A		RWC3001755	07/01/2023	07/01/2024	E.L. EACH ACCIDENT	\$ 1,000,000
ľ	OFFICER/MEMBER EXCLUDED? (Mandatory in NH)					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
	Equipment Floater						Installation Floater	\$1,000,000
С	Equipment Floater			UM00077629MA23A	07/01/2023	07/01/2024	Leased/ Rented Equip	\$500,000
				<u> </u>		<u> </u>		

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

SEE NOTES FOR POLICY COVERAGE FORMS

FOR INFORMATION

CERTIFICATE HOLDER		CANCELLATION
GIBBS & REGISTER INC		SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
232 SOUTH DILLARD ST		AUTHORIZED REPRESENTATIVE
WINTER GARDEN	FL 34787	Vyage

© 1988-2015 ACORD CORPORATION. All rights re 141

h	
υ.	

AGENCY CUSTOMER ID:	
LOC #:	



ACORD ADDITIONAL	REMA	RKS SCHEDULE	Page	of
AGENCY Brown & Brown of Florida, Inc.		NAMED INSURED GIBBS & REGISTER, INC		
POLICY NUMBER				
CARRIER	NAIC CODE	EFFECTIVE DATE:		
ADDITIONAL REMARKS				
THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORI	D FORM.			
FORM NUMBER: 25 FORM TITLE: Certificate of Liabilit		lotes		
POLLUTION AND PROFESSIONAL: CARRIER: INDIAN HARBOR INSURANCE COMPANY NAIC# 36940 POLICY NUMBER: PEC004496208 EFFECTIVE DATES: 12/07/2022-12/07/2023 LIMITS: POLLUTION \$1M EACH CONDITION WITH \$3M AGGREGATE PROFESSIONAL \$1M EACH NEGLIGENT ACT WITH \$3M AGGREGATE RETENTION-\$25,000	Ξ.			
EXCESS LIABILITY CARRIER: D POLICY #: 01PXLP700004833 EFFECTIVE DATES: 07/01/2023 TO 07/01/2024 LIMITS: \$4,000,000 EXCESS OF UMBRELLA AT \$5,000,000				
EXCESS LIABILITY CARRIER: PALOMAR EXCESS & SURPLUS INSURANCE CO NAIC#16754 POLICY #PESXS010481 EFFECTIVE DATES: 07/01/23 TO 07/01/24 LIMIT: \$2M EXCESS OF \$9M				
CURRENT BLANKET POLICY FORMS:				
GENERAL LIABILITY: 1) CG2010 1219-ADDITIONAL INSURED-OWNERS, LESSEES OR CON 2) CG2037 1219-ADDITIONAL INSURED-OWNERS, LESSEES OR CON 2) UGL925BCW 1201 - WAIVER OF SUBROGATION 3) CG2028 1219 - ADDITIONAL INSURED-LESSOR OF LEASED EQUIF 4) CG2404 0509 - WAIVER OF TRANSFER OF RIGHTS OF RECOVER' 5) CG2001 1219 - PRIMARY AND NONCONTRIBUTORY - OTHER INSU 6) CG0224 1093 - (30 DAY NOTICE OF CANCELLATION)	NTRACTORS- PMENT Y AGAINST O'	COMPLETED OPERATIONS THERS TO US		
AUTO LIABILITY: 1) XIC414 1013 - ADDITIONAL INSURED 2) CA0449 1116 - PRIMARY AND NONCONTRIBUTORY-OTHER INSUR 4) CA0444 1013 - WAIVER OF TRANSFER OF RIGHTS OF RECOVERY 5) IXI405 0910 - (30 DAY NOTICE OF CANCELLATION)	RANCE COND Y AGAINST O	ITION THERS TO US (WAIVER OF SUBROGATION)		
WORKERS COMPENSATION: 1) WC000313 0484 - WAIVER OF OUR RIGHT TO RECOVER FROM O	THERS ENDC	RSEMENT (WAIVER OF SUBROGATION)		
EXCESS LIABILITY: 1) MAUB0001 0115 - (ADDITIONAL INSURED, PRIMARY AND NON-CO UMBRELLA LIABILITY POLICY APPLIES IN EXCESS OF THE GENERA				
EQUIPMENT FLOATER 1) CO1072 0402 - LOSS PAYABLE SCHEDULE (LOSS PAYEE)				

rs K8 Parent Drop off Project Name: Storm Drainage Repairs - Task 326 Owner / Client: Lockheed Martin Lockheed Martin Lockheed Martin Lockheed Martin JACOBS Engineering Group, Inc. Contact Value: S488.870.00 Contact Name: Robert Rollins E-mail: Start/End Dates: 11.28.22-12.23.22 Phone/Fax Number: Project Description: Repair four storm drainage inlets at various locations on the property	Recovery Efforts - EP-268 Owner / Client: Contract Value: Contact Name: Bear Road Guardrail at B-52 Curve - H-353 GOAA Engineer / Architect: Contract Value: Contact Name: Ben Brown, P. E. Bengineer / Ben Brown, P. E. Bengineer / Benginen brown@goaa.org Start/End Dates: Phone/Fax Number: A07-466-7533/N/A project Description: installation of guardrail and raised pavement markers	WWTP Parking Area Modifications WWTP Parking Area Modifications Owner / Client: Summit Contracting Group, Inc. Engineer / Architect: Group 4 Design, Inc. Contract Value: \$7.597,750.24 Contact Name: Chris Colley E-mail: scolley@summit-contracting.com Start/End Dates: 8.25.22-In-progress Phone/Fax Number: 904-676-0774/N/A Project Description: total site work	Project Name: Old Dixie Highway Park Improvements Owner / Client: Dwner / Client: Contract Value: Contact Name: E-mail: E-mail: Steven Cockerham@neel-schaffer.com Start/End Dates: A ards, pedestrian mats, gates, Project Description: Signage, trash receptacles, picnic shelters, park benches, poptable water fines, ferroing, restrooms, bike racks, & paved by a project Description problem water fines, ferroing, restrooms, bike racks, & paved by a project Description problem water fines, ferroing, restrooms, bike racks, & paved by a project Description problem water fines, ferroing, restrooms, bike racks, & paved by a project Description problem water fines, ferroing, restrooms, bike racks, & paved by a project Description problem water fines, ferroing, restrooms, bike racks, & paved by a project Description problem water fines, ferroing, restrooms, bike racks, & paved by a project Description problem water fines, ferroing, restrooms, bike racks, & paved by a project Description problem water fines, ferroing, restrooms, bike racks, & paved by a project Description problem water fines, ferroing, restrooms, bike racks, & paved by a project Description problem water fines, ferroing, restrooms, bike racks, & paved by a project Description problem water fines, ferroing restrooms, bike racks, & paved by a project Description problem water fines, ferroing restrooms, bike racks, & paved by a project Description problem water fines, ferroing restrooms, bike racks, & paved by a project Description problem water fines, ferroing restrooms, bike racks, & paved by a project Description project Desc
Winding Waters K8 Parent Drop off School District of Hernando County Florida Zyscovich Architects \$2.007.600.00 Brian Ragan 1-1000 Section 1-1000 5-1.23/7.31.2023 352-797-7060/352-7977150 New parent drop off loop servicing Winding Waters K-8 & widening of Vespa Way	Hurricane Ian Recovery Efforts - EP-268 GOAA N/A S4,409.19 Scott Shedek scott shedek@goaa.org 9.26.22-12.5.22 407-825-4155 debris clean-up at Orlando Executive Airport caused by hurricane Ian	Wesley Center WWTP Parking Area Modifical Pasco County carollo \$1,982,803,00 Ibzan Ortiz iortiz@pascocountyfl.net 8.15.22-8.15.23 813-235-6189 x6941/N/A construct apprx. 0.82 acres of concrete/asphalt parking area, wet retention stormwater system	Lockheed Building M-20 Turner Construction BRPH \$860,997.02 Kyle Freeburg Kreeburg@lcco.com 10.6.20-In-Progress 321-689-4101/N/A utility work, bollards, pedestrian mats, gates, concrete pads, hydroseeding, water & fire redesign, water main services,
Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:

Avida Apartments Summit Contracting Group, Inc. Kimley Horn \$8,091,905.62 Zach Graham zgraham@summit-contracting.com 3.14.22-In-progress 904-803-8034/N/A total site work	B-819 Lockheed Logistics Center Phase 1 Construction Ardmore Roderick Construction Engineering Group \$1,594,800.00 Eric Jimenez ejimenez@ardmoreroderick.com 11.12.21-2.10.23 321-430-6710 site grading, new asphaltic pavement, curbs & gutters, new concrete driveway & sidewalks, and retaining wall	H-343 Airside 1 Slab & Joint Rehabilitation GOAA AECOM Technical Services, Inc. \$793,443.85 Ben Brown, P.E. benjamin.brown@goaa.org 1.24.22-10.10.22 407-466-7533 rehabilitation of slabs and joint seals	Ellis at Oviedo Summit Contracting CPH \$4.184.265.50 Adam King aking@summit-contracting.com 4.6.21 - In-progress 904-268-5515/N/A sitework including clearing & demo; earthwork, Utility: storm, water, fire & sewer, erosion control; asphalt and sidewalks
Project Name: Owner / Client: Enginer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:
Alaqua Lakes Entry Road Emergency Repair Alaqua Lakes Community Association, Inc. N/A S44.500.00 Amy Troupin Manager@alaqualakes.com 4.5.22-4.15.22 352-222-7890 roadway, sidewalk, curb, handicap ramp reconstruction, including irrigation	Oakridge Road Pedestrian Safety Improvements Orange County - Y22-711 AVCON, Inc. \$12,030,156.50 Kenneth Leeming. P.E. kenneth.leeming@ocfl.net 11.28.2022/In-Progress (10.2023) 321-436-1830/407-836-7714 construction of a raised median along Oak Ridge Rd, an 8' wide sidewalk, with signalization upgrades	H-346 MCO Guardrail Repair Fall 2021 GOAA N/A \$124,189.33 James Pancoast ipancoast@goaa.org 1.10.22 - 2.16.22 407-825-2466/N/A repair guardrail systems, attenuators & replace misc. asphalt	LM 2021 Roadway Program Lockheed Martin Kelly, Collins & Gentry, Inc. \$5.874.964.00 Bruce Grenier bruce Grenier 10.18.21 - In-Progress 407-356-9056/IN/A clear & grub, embankment, roadway extension, utilities, signing & pavement markings, & pond liner
Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:

Task 231 LM East Drainage Repairs JACOBS 1: JACOBS S169,900.00 Kenneth Birke kenneth birke@jacobs.com 10.29.21 - 12.10.21 : 404-259-8030/N/A minor drainage repairs campus wide	Raleigh Street Roadway Improvements City of Orlando VHB, Inc. \$6,384,884.85 Adam Walosik adam walosik@cityoforlando.net 11.8.21 - In-progress : 407-937-8712 / 407-246-2892 : construct a median with turn lanes & bicycle lanes, sidewalk, traffic signals, and drainage work	Lockheed Ouad Culvert Remediation Lockheed Martin t: N/A \$10,830.26 Bruce Grenier bruce.grenier@lmco.com 9.21.21-9.21.21 tquad culvert remediation : quad culvert remediation	Shingle Creek Trail Phase 1 Weir #1 Slope Repair City of Orlando S27,712.01 Adam Walosik adam.walosik@eiyoforlando.net 7.26,21-8.26.21 : 407-937-8712 / 407-246-2892 : rip-rap removal, add embankment and grout
Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:
Downtown Connector Trail City of Orlando HDR Engineering, Inc. \$6,951,905.38 Gregory Sharp gregory.sharp@cityoforlando.net 2.28.22 - 2.3.23 407-770-9375/N/A construction of a 1.6 mile bike trail on Anderson St. from Summerlin Ave. to Lake Underhill Rd.	Task 216: Turnstile Sidewalk JACOBS JACOBS S17,000.00 Kenneth Birke kenneth birke@jacobs.com 10.6.21-11.21.21 404-259-8030/N/A site strip & excavation, sidewalk, & grassing	NG Taxiway Concrete Pavement Repairs Northrop Grumman N/A \$731,009.00 Kevin Mills kevin.mils@ngc.com 9.27.2021/12.14.21 310-930-2311/N/A remove & replace 12 contiguous concrete panels on the flight line	Handicap Parking & Access Imprvmts. Zone 5 Northrop Grumman Construction Engineering Group \$429,573.00 Kevin Mills kevin mills@ngc.com 8.19.21-12.14.21 310-930-2311/N/A Additional campus ADA parking and installation of permimeter fence
Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:

Tangerine Community Church Tangerine Community Church N/A S8,451.23 Eric Burt ebut@gibbsreg.com 9.4.21-9.4.21 407-451-7032 Pave church parking lot	Taxiways F&G Rehabilitation Greater Orlando Aviation Authority - BP-045 C&S Engineers, Inc. \$2,098,774.26 Ben Brown, P.E. benjamin.brown@gosa.org 9.3.21/1.24.22 407-466-7533 paving, lighting, markings and signage, construction of a new taxiway K1	Cleveland St. Streetscape Phase III & Festival Core City of Clearwater Klar and Klar \$16,424,852.45 Catherine Corcoran catherine corcoran@myclearwater.com 6.24.21/In-progress 727-224-7858/N/A stormwater sewers, gravity sanitary sewer, water main, reclaim water main, associated utility adjustments, asphalt paving, curbing, signage, striping, concrete sidewalks, off- street bicycle trail, landscaping & lighting	Orlando Urban Trail Gap & Extension City of Orlando - 21-0018 VHB S4,018,367.04 Adam Walosik adam.walosik@cityoforlando.net 4,12,21 - 9,26,22 407-937-8712 / 407-246-2892 construct a 10' wide concrete multi-use trail for 0.4 miles and construct a 10' wide trail for approximately 2 miles
Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:
Bear Road Traffic Safety GOAA - EP-208 N/A \$82,500.00 Ben Brown, P.E. benjamin brown@goaa.org 7.26.21-8.26.21 407-466-7533/N/A converting existing 6' fence to an 8' fence, with 8' gates	Aircraft Parking Apron Rehabilitation Phase 1 Greater Orlando Aviation Authority - H-337 AECOM S805,570.00 Clint Martin clint martin@aecom.com 7.14.21 - 10.11.21 906-236-2874/N/A Aircraft Parking Apron Rehabilitation	B-811 Phase II Construction - 21-008-015 Ardmore Roderick Construction Engineering Group \$2,036,197.00 Eric Jimenez ejimenez@ardmoreroderick.com 6,17,21/In-progress 407-948-2111 decompaction & soil remediation work to a depth of 24", roadway, parking lot, gate, signage, and sidewalks	Kirkman Road Expansion Lockheed Martin Kelly, Collins & Gentry, Inc. \$3,622,693.74 Bruce Grenier bruce.grenier@lmco.com \$5.17.21/In-progress 40-356-9056/N/A clear & grub, embankment, roadway extension, utilities, signing & pavement markings, & pond liner
Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:

Republic Square Apartments Summit Contracting Dwell Design Studios, LLC \$3,765,005.98 Zach Graham zgaham@summit-contracting.com 3.24.20/3.21.22 904-803-8034/N/A sitework including earthwork, pond excavation & export, temporary site construction, grading for building pads, construction of site roadways & parking, curbing, sidewalks, storm drainage, & site utilities	W. Central Boulevard Improvements - 2020-02 City of Cape Canaveral John A. Pekar, P.E., LLC \$1,651,816.00 Jeff Ratliff Latliff@cityofcapecanaveral.org 11.4.2020-6.21.21 321-868-1220 x221 infrastructure demolition, paving, sewer pipe replacement, drainage culverts, sidewalk, lighting and other roadway elements	Sunrail Misc. Sidewalk Repairs City of Orlando City of Orlando Transportation and Planning Division \$257,516.00 Adam Walosik adam.walosik@cityoforlando.net 3.23.20/4.1.20 407-937-8712 / 407-246-2892 sidewalk, curbing, and concrete gate pads	Crystal Island Roadway & Drainage Improvements City of Madeira Beach - 2013-80 Deuel & Associates \$10.153.508.89 Al Carrier a@deuelengineering.com 2.10.205.13.21 727-822-4151 1.92 miles of roadway reconstruction, curbing, stormwater collection system and new potable water services
Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:
Wekiwa Springs State Park FDEP CPH S1.386.350.00 Bill Brown bill.r.brown@floridadep.gov 11.17.21 - 3.16.22 407-553-4365/N/A extend right turn lane, gravity walls, storm structures and culverts, architectural structures, and flag poles	Tulip Avenue Utility Improvements - CB20 002 City of Cocoa Beach City of Cocoa Beach Engineer, Jared Francis \$252,200.00 Wayne Carragino Wearragino@cityofcocoabeach.com 12.1.20/5.31.21 321-868-3286 installation of 815 LF of 8" pipe, & 4 manholes	Lockheed Concrete & Steel Barrier Turner Construction Poulos & Bennett, LLC \$215,331.00 Andrew Cameron acameron@tcco.com 10.10.19/5.30.20 404.319-4007 250 LF of concrete foundation and 250 LF of Thrie beam guardrail, excavation, & sodding	Lockheed Breezeway Drainage Repairs Task 822 JACOBS JACOBS S62.260.00 Rob Erickson Icobert-erickson@lmco.com 12.12.19/3.23.20 407-306-2065/407-903-5180 installation of an outfall to a pond, install new area drains, and sodding
Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:	Project Name: Owner / Client: Engineer / Architect: Contract Value: Contact Name: E-mail: Start/End Dates: Phone/Fax Number: Project Description:



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

RODRIGUEZ, JOHN EDWARD

GIBBS & REGISTER, INC. 232 SOUTH DILLARD ST. WINTER GARDEN FL 34787

LICENSE NUMBER: CGC062479

EXPIRATION DATE: AUGUST 31, 2024

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.



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

RODRIGUEZ, JOHN EDWARD

GIBBS & REGISTER, INC. 232 SOUTH DILLARD ST. WINTER GARDEN FL 34787

LICENSE NUMBER: CUC1224871

EXPIRATION DATE: AUGUST 31, 2024

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.



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

KARASH, MATTHEWR.

1123 GOLFVIEW STREET ORLANDO FL 32804

LICENSE NUMBER: PE66586

EXPIRATION DATE: FEBRUARY 28, 2025

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.





CITY OF WINTER GARDEN 300 WEST PLANT STREET WINTER GARDEN, FL 34787 P: 407.656.4111 WWW.WINTERGARDEN-FL.GOV

WINTER GARDEN • Where good things grow

LOCAL BUSINESS TAX RECEIPT FOR CITY OF WINTER GARDEN

Business Name:

GIBBS & REGISTER INC

Receipt No: Tax/Add'tl Tax: Late Penalty:

Total Paid:

24-00004435 **\$ 86.00** \$ \$ 0.00

\$0.00

Location:

232 S DILLARD ST GENERAL CONTRACTOR

Class: Issue Date:

August 07, 2023

Expires: September 30, 2024

Restrictions: MUST COMPLY WITH LOCAL

BUSINESS TAX REQUIRMENTS

Comments:

GIBBS & REGISTER INC 232 S DILLARD ST

WINTER GARDEN FL 34787

BUSINESS TAX RECEIPT MUST BE POSTED IN CONSPICUOUS PLACE AT ALL TIMES.

***PLEASE NOTE THE TOP PORTION IS YOUR LOCAL BUSINESS TAX RECEIPT AND IS PAID THRU SEPTEMBER 30th OF NOTED YEAR ABOVE ***

- Business Tax Year is from October 1st through September 30th. Tax fees are prorated after April 1st as a half-year fee.
- 2. All **new** commercial business tax **must** be inspected by the Fire Department to meet all applicable state and city code requirements. You will be contacted to make arrangements for your inspection by the City Fire Inspector.
- 3. An Orange County Business Tax must be registered and paid AFTER YOU HAVE BEEN ISSUED THE WINTER GARDEN BUSINESS TAX RECEIPT. They are located at 200 S. Orange Ave, 16th Floor- Suite 1600, Orlando, FL 32801 and their office phone number is (407) 434-0312.

2023

EXPIRES

9/30/2024

BUSINESS OFFICE 5000

\$40.00

15 EMPLOYEES 1801

CERT GENERAL CONTRA

\$30.00

5000-1234224 1 EMPLOYEE

TOTAL TAX PREVIOUSLY PAID TOTAL DUE

\$70.00 \$70.00 \$0.00

RODRIGUEZ JOHN EDWARD

GIBBS & REGISTER INC RODRIGUEZ JOHN EDWARD 232 S DILLARD ST WINTER GARDEN FL 34787

232 S DILLARD ST C - WINTER GARDEN, 34787

PAID: \$70.00 0099-01106322 7/11/2023

Tax Collector Scott Randolph

Local Business Tax Receipt

Orange County, Florida

This local Business Tax Receipt is in addition to and not in lieu of any other tax required by law or municipal ordinance. Businesses are subject to regulation of zoning, health and other lawful authorities. This receipt is valid from October 1 through September 30 of receipt year. **Delinquent penalty is added October 1**.

2023

EXPIRES

9/30/2024

5000-1234224

5000 **BUSINESS OFFICE** \$40.00

15 EMPLOYEES 1801 CERT GENERAL CONTRA

\$30.00

1 EMPLOYEE

TOTAL TAX PREVIOUSLY PAID **TOTAL DUE**

\$70.00 \$70.00 \$0.00

232 S DILLARD ST C - WINTER GARDEN, 34787

PAID: \$70.00 0099-01106322 7/11/2023

MOUPH, TAT CO SCOR SPANGE COUNTY

RODRIGUEZ JOHN EDWARD

GIBBS & REGISTER INC RODRIGUEZ JOHN EDWARD 232 S DILLARD ST WINTER GARDEN FL 34787

This receipt is official when validated by the Tax Collector.

Orange County Code requires this local Business Tax Receipt to be displayed conspicuously at the place of business in public view. It is subject to inspection by all duly authorized officers of the County.

State of Florida Department of State

I certify from the records of this office that GIBBS & REGISTER, INC. is a corporation organized under the laws of the State of Florida, filed on September 17, 1990, effective September 13, 1990.

The document number of this corporation is S02325.

I further certify that said corporation has paid all fees due this office through December 31, 2023, that its most recent annual report/uniform business report was filed on January 3, 2023, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Third day of January, 2023



Secretary of State

Tracking Number: 4031868208CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

CITY MANAGER EMPLOYMENT AGREEMENT

This Agreement is made and entered into this _____ day of October, 2023, ("Agreement") by and between the City of Belle Isle, a municipal corporation of the State of Florida, hereinafter referred to as "City," and RICK RUDOMETKIN, hereinafter as "Rudometkin," who agree as follows:

WITNESSETH:

WHEREAS the City desires to employ Rudometkin as City Manager of the City of Belle Isle, as provided by Article IV of the Charter of the City of Belle Isle and all other applicable ordinances and policies of the City of Belle Isle; and

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the parties agree as follows:

SECTION 1. RESPONSIBILITIES

- A. The City hereby agrees to employ Rudometkin as City Manager, who will serve as the Chief Administrative Officer of the City, to perform the functions and services as set forth in **Exhibit A**, pursuant to the laws of the State of Florida and the Charter, ordinances, and resolutions of the City of Belle Isle and to perform other legally permissible and proper duties and functions as the Council may from time to time assign. Pursuant to the City Charter, Rudometkin will serve subject to the direction and supervision of the City Council and hold the office as City Manager at the pleasure of the City Council. Only the City Council, acting as a body, may direct and supervise Rudometkin.
- B. Rudometkin recognizes and understands that the position of City Manager shall require his full-time attention and accordingly agrees to devote all time necessary to fully discharge his duties. Rudometkin will remain in the exclusive employ of the City and may not accept other employment nor become employed by any other employer. Further, Rudometkin shall not accept any outside employment, consulting services, or any other engagement that would interfere in any way with the faithful performance of his services.
- C. Employee shall comply with the International City/County Management Association ("ICMA") Code of Ethics as set forth in **Exhibit B** to this Agreement, which is hereby incorporated by this reference as though fully set forth herein, provided that the guideline under Item 7 of the Code addressing Elections will apply only to elections of the City of Belle Isle and Orange County.
- D. Unless otherwise approved by the City, Rudometkin shall, within six (6) months of the date of this Agreement and thereafter while employed as the City Manager, establish, and maintain his primary and regular residence within the municipal limits of the City of Belle Isle (the "Primary Residency Requirement"). Not including PTO, the Primary Residency Requirement will require Rudometkin to live in a Belle Isle residential dwelling unit at least 80% of the time within a City fiscal year and to not use and occupy a secondary residence located outside of the municipal limits of the City of Belle Isle more than six weekends every three months. Rudometkin will use every

effort to expedite his relocation to the City of Belle Isle. Within six (6) months of the date of this Agreement, Rudometkin will deliver proof of satisfaction of this Primary Residency Requirement to the City Attorney who will make such appropriate determination if this Primary Residency Requirement is initially satisfied. After initial satisfaction, Rudometkin's ongoing compliance with the Primary Residency Requirement will be monitored and can be questioned by the City Council.

SECTION 2. HOURS OF WORK

Beginning January 1, 2024, Rudometkin will be expected to work full-time during each pay period of Rudometkin's tenure as City Manager. Within 2 weeks of the date of this Agreement, City shall provide Rudometkin with a cellular telephone (or reimburse Rudometkin up to \$125.00 per month for use of existing personal cellphone), desktop computer, iPad and/or laptop computer which Rudometkin will utilize to be available to conduct City business on a 24-hour per day basis.

Rudometkin is expected to engage in the hours of work that are necessary to fulfill the obligations of the position, must be available at all times, and must devote time outside the normal office hours to the business of the City as necessary or may be desired. Rudometkin acknowledges that proper performance of the duties of the City Manager will require Rudometkin to (i) generally observe normal business hours (currently 8:00 a.m. to 5:00 p.m., Monday through Friday, as set by the City and as may be duly revised from time-to-time by the City) less a reasonable lunch period, and (ii) often be available for the performance of services outside of normal business hours. Rudometkin's compensation (whether salary or benefits) is not based on hours worked. Furthermore, the City Manager position remains an "exempt" classification under the overtime provisions of the federal Fair Labor Standards Act ("FLSA"), and Rudometkin will not be entitled to any compensation for overtime nor subject to the overtime provisions of the FLSA.

SECTION 3. TERM

- A. Effective October 31, 2023, City appoints Rudometkin to serve as City Manager for an indefinite period of time to be reviewed annually. It is the responsibility of the City Council to evaluate Rudometkin in accordance with the evaluation procedure(s) outlined in the CITY's Personnel Manual, City Council Rules of Procedure, and City Manager Job Description attached hereto and incorporated herein as **Exhibit A.**
- B. The Term of this Agreement shall commence on October 31, 2023 after the execution of this Agreement by both parties and shall continue in effect until terminated pursuant to Section 11 or 12 of this Agreement.
- C. Nothing in this Agreement will prevent, limit, or otherwise interfere with the right of the City to terminate this Agreement and the employment of Rudometkin at any time, subject only to the provisions set forth in the City Charter and Section 9 of this Agreement as such relates to amounts to be paid to Rudometkin as Severance Pay.
- D. Nothing in this Agreement prevents, limits, or otherwise interferes with the right of

Rudometkin to resign at any time from his position with City, subject only to the provision set forth in Section 11 of this Agreement as it relates to amounts that will be paid to Rudometkin as Severance Pay.

SECTION 4. EMPLOYEE AT WILL

It is specifically acknowledged and agreed by the parties that this Agreement does not create any relationship between the parties other than that of an employee at will. Nothing herein may be construed or operate to provide Rudometkin, upon his termination or separation from the City, with any benefits other than those set forth in Section 10 of this Agreement.

SECTION 5. SALARY

- A. Compensation. As compensation for the professional services to be performed hereunder, effective January 1, 2024, City shall pay Rudometkin for his services an annual base salary of ONE HUNDRED FORTY THOUSAND DOLLARS (\$140,000.00) (the "Beginning Salary"). Once Rudometkin is deemed to have initially satisfied the Primary Residency Requirement, Rudometkin's annual salary will increase from the Beginning Salary to ONE HUNDRED SIXTY-FIVE THOUSAND DOLLARS (\$165,000.00). Such salary will be paid in twenty-six (26) installments (once every two weeks) at the same time as other employees of City are compensated. Rudometkin may receive base pay, cost of living increases, bonuses, and/or performance incentives as may be determined by the City Council and as permitted by applicable state law. If Rudometkin meets the Primary Residency Requirement after January 1, 2024 but before March 1, 2024, then the City will pay Rudometkin back pay for the difference for the pay periods that he is paid at the \$140,000 salary versus the \$165,000 and make applicable retirement contributions within a reasonable time after the determination that the Primary Residency Requirement has been met.
- B. Salary Adjustment. Following the annual performance evaluation conducted pursuant to Section 12 of this Agreement, the City Council may maintain or increase Rudometkin's base salary and benefits package based on the results of those annual reviews. Any adjustments in the base salary and/or benefits following the annual performance evaluation pursuant to Section 12 will be at the sole discretion of the City Council. The City Council may grant cost-of-living salary adjustments to Rudometkin as may be granted or otherwise provided to other City employees. The City Manager's Salary remains subject to normal and proper withholdings as required or otherwise permitted by applicable state and federal law and as deemed appropriate by the City Council and will be subject to applicable payroll taxes, workers' compensation insurance payments, and other payroll-related liability costs.

SECTION 6. PAID TIME-OFF (PTO) BENEFITS

A. Rudometkin is encouraged to use paid time off to maintain a high level of performance and efficiency in his position. City Manager will accrue Paid Time Off ("PTO") at the rate of twenty (20) paid days each calendar year (in addition to recognized regular and floating City holidays). Five (5) paid days of such leave shall be granted to Rudometkin upon the Effective Date of this

Agreement and the remaining fifteen (15) days leave will be granted to Rudometkin upon the completion of three (3) months of employment. Thereafter, annually each year on January 1st, Rudometkin will be granted twenty (20) paid days. The parties agree that this benefit includes and may be used for time off due to illness (whether personally or of a family member). During the term of this Agreement, Rudometkin may not carry over more than forty days of accrued PTO from one fiscal year to the next for use during the year into which the carryover occurs. At any time during the term of this Agreement, Rudometkin will be entitled to cash-out accrued PTO days, provided that at least twenty (20) accrued PTO days remain available, if electing to cash-out accrued PTO, otherwise Rudometkin is welcome to draw down PTO to zero. The amount paid to Rudometkin will be based on Rudometkin's annual base salary at the time the PTO hours/days are cashed out. Upon separation from employment, Rudometkin will be paid for all accrued and unused PTO time available at that time.

B. <u>Executive Leave.</u> Beginning on the second year of term of this Agreement, Rudometkin is entitled to forty (40) hours of executive leave annually, starting October 1st (the first day of the City's fiscal year), which must be used in the same manner as PTO. Executive leave is not cumulative and cannot exceed the annual cap of forty (40) hours at any time as no further accrual will occur beyond forty (40) hours. Executive leave must be used and deducted from accruals in increments of no less than one hour for time missed from normal work hours, which, for purposes of this section, are deemed to be normal City office operating hours. Any executive leave hours remaining at the end of the fiscal year (*i.e.*, September 30th) will be forfeited. Upon termination, regardless of reason, Rudometkin will forfeit all unused executive leave on the books as such may exist at the time of such termination.

SECTION 7. DISABILITY, DENTAL, HEALTH AND LIFE INSURANCE

Rudometkin will receive, at no additional cost to him, disability, health, and life insurance as provided by the City's Personnel Rules and Regulations for managerial employees of the City.

SECTION 8. AUTOMOBILE

City shall pay Rudometkin seven hundred (\$700.00) dollars per month for all expenses, including maintenance, repairs, gasoline and insurance associated with his use of his own vehicle within the City of Belle Isle and in lieu of mileage expenses within the State of Florida. Rudometkin shall maintain his own insurance in an amount not less than \$100,000.00 dollars per claim, and \$300,000.00 dollars per incident. Said insurance shall be with a company acceptable to City shall not be construed or constitute a waiver to the City's sovereign immunity protection.

SECTION 9. MOVING/TRANSITION EXPENSE

Within thirty (30) days of Rudometkin providing proof of meeting the Primary Residency requirement, City shall pay to Rudometkin the sum of TWENTY THOUSAND DOLLARS (\$20,000.00) as a one-time payment to Rudometkin as reimbursement for any and all expenses to be incurred by Rudometkin with regard to his relocation to Belle Isle, including, but not limited to, moving expenses and any other item reasonably related to his relocation to Belle Isle. In the

event Rudometkin voluntarily resigns his position with City within two (2) years from the effective date of this Agreement, Rudometkin shall reimburse the City for the \$20,000.00 paid to him moving/transition expenses under this Section 9. Such amount may be deducted or set off by the City against accrued PTO or remaining pay installments owed to Rudometkin.

SECTION 10. RETIREMENT

Rudometkin will participate in the City's General Employees Retirement System and will receive all applicable benefits associated therewith unless another retirement benefit is agreed to in writing between Rudometkin and the City.

SECTION 11. TERMINATION AND SEVERANCE PAY

- A. The City may, by majority vote of the Council with or without cause, suspend and/or remove Rudometkin from office in accordance with the procedures outlined in the City charter.
- B. <u>Termination Without Cause</u>: If Rudometkin is terminated without cause, City shall pay Rudometkin a lump sum severance benefit equal to twenty (20) weeks of salary ("Severance Pay").
- C. In addition to the Severance Pay, Rudometkin, upon termination, shall receive all accrued benefits as of the date of termination, including earned and unused paid time off, retirement, and other accrued benefits.
- D. <u>Termination for Cause:</u> Rudometkin will not receive any Severance Pay if Rudometkin is dismissed or terminated by the City for cause. As used in this Agreement, the term "for cause" means and refers to any of the following:
 - 1. Conviction of a felony; or
 - 2. Conviction of a misdemeanor involving moral turpitude (*i.e.*, offenses contrary to justice, honesty, or morality); or
 - 3. Misappropriation or embezzlement of public funds; or
 - 4. Willful abandonment of duties consisting of the City Manager's failure to report to work for five consecutive working days (for reasons not medically related) and not notifying staff and the City Council of his leave status; or
 - 5. A willful and intentional failure to carry out materially significant and legally constituted policy decisions of the City Council made by the City Council; or
 - 6. Violation of the City's anti-harassment policies and/or a finding that the City Manager has engaged in legally prohibited personal acts of harassment against a City official or employee or legally prohibited personal acts of discrimination against a City official or employee; or

- 7. Use or possession of controlled substances, where the use or possession of such is made illegal pursuant to applicable federal or state law; or
- 8. Any illegal or unethical act involving personal gain; or
- 9. Gross misfeasance or gross malfeasance; or
- 10. Any misconduct as defined by § 443.036(29) Florida Statutes (2023), or violation of the ICMA Code of Ethics; or
- 11. Conduct that would constitute malfeasance, misfeasance, neglect of duty, or habitual drunkenness as those terms have been defined by statute and interpreted by decisional law pursuant to § 112.51(1), Florida Statutes (2023); or
- 12. Acting dishonestly or fraudulently in the course of performing City Manager duties pursuant to this Agreement; or
- 13. Material breach of any provision of this Agreement; or
- 14. Engagement in conduct constituting moral turpitude; or
- 15. Willful neglect of, or failure to perform, City Manager duties

If the City terminates Rudometkin's employment for cause, the City will have no obligation to pay Rudometkin any Severance Pay.

SECTION 12. RESIGNATION

If Rudometkin voluntarily resigns his position with the City, Rudometkin shall provide the City with thirty (30) calendar days advance written notice unless the parties agree otherwise. Upon his voluntary resignation, Rudometkin will not be entitled to any Severance Pay as set forth in Section 11, above, but will be entitled to receive payment for all accrued benefits as of the date of termination, including earned and unused paid time off and retirement benefits.

SECTION 13. PERFORMANCE EVALUATION

A. The City Council will strive to review and evaluate the performance of Rudometkin annually. Such review and evaluation must be conducted in accordance with specific criteria developed by CITY and as more particularly described in **Exhibit A** hereto. As part of the annual review process, the evaluation criteria may be amended or altered; however, such amendment may be utilized only for subsequent (*i.e.* prospective) evaluations of Rudometkin. Further, the City Council shall provide an adequate opportunity for Rudometkin to discuss his evaluation with the Council. If the City Council fails to review and evaluate the performance of Rudometkin annually, then such will not constitute a breach of this Agreement.

- B. Annually, the Council and Rudometkin will strive to define such goals and performance objectives that they determine necessary for the proper operation and administration of the City and in the attainment of the Council's policy objectives. The parties shall establish a priority of the various goals and objectives that have been identified, and such must be reduced to writing. Such goals and objectives must be reasonably attainable within the time limitations specified given the annual operating and capital budgets and appropriations adopted by the City Council. If the City fails to conduct an annual performance review, this does not constitute a breach of this Agreement.
- C. As part of the primary goal of instituting a succession plan for the City, Rudometkin shall hire an Assistant City Manager within three (3) months of budget approval by the City Council.

SECTION 14. DUES AND SUBSCRIPTIONS

The City agrees to pay for, as the approved upon operating budget allows, professional dues and subscriptions of Rudometkin for his continued and full participation in national, regional, state, local, and civic associations and organizations as may be necessary and desirable for his continued professional growth and advancement and for the good of City.

SECTION 15. PROFESSIONAL DEVELOPMENT

- A. As may be approved by the City Council, the City agrees to pay for travel and subsistence expenses of Rudometkin for professional and official travel, meetings, and occasions adequate to continue the professional development of Rudometkin and to adequately pursue necessary official business of and functions for City. Such expense reimbursement will be limited to one national and two state/ regional conferences per year (i.e. ICMA, ULI, and FCCMA).
- B. The City Council may also approve, as the operating budget allows, travel and subsistence expenses of Rudometkin for short courses, institutes, and seminars where the City Council has determined that such will benefit the City.
- C. Rudometkin will not be required to utilize paid time off in order to attend professional activities covered by this section when such activities have been approved by the City Council or are otherwise necessary to carry out official city business.

SECTION 16. BONDING

As a condition of his employment, Rudometkin must be bonded as may be provided by law or ordinance and as deemed appropriate by City. City shall bear the full cost of any fidelity or other bonds as required.

SECTION 17. MISCELLANEOUS TERMS

- A. The City may, at any time for justifiable reasons, request a physical or mental examination to determine Rudometkin's fitness or competency to continue to perform the duties of his position. If Rudometkin refuses to submit to an examination, the City shall have the right, in the City's sole discretion, to deem Rudometkin disabled for the purposes of this agreement. If the City's selected physician determines Rudometkin is disabled and Rudometkin does not agree, Rudometkin may select a physician to conduct a like examination provided Rudometkin does so within thirty (30) days of the initial examination. If the two examining physicians are not in substantial agreement, they shall select a third physician to conduct an independent examination. If both physicians agree that Rudometkin is unable to continue to perform, or a third examining physician make that determination, Rudometkin shall be deemed disabled for the purposes of this Agreement and be terminated under Section 11.B. City will be responsible for payment of all medical expenses for this determination that are in excess of Rudometkin's health insurance coverage.
- B. The text herein shall constitute the entire agreement between the parties.
- C. This Agreement shall become effective, upon its execution by both parties.
- D. If any provision, or any portion thereof, contained in this Agreement is held unconstitutional, invalid, or unenforceable, the remainder of this Agreement, or portion thereof, shall be deemed severable, shall not be affected, and shall remain in full force and effect.
- E. This Agreement, including any attachments hereto, constitutes the entire Agreement between the parties and shall supersede, replace and nullify any and all prior agreements or understandings, written or oral, relating to the matters set forth herein, and any such prior agreements or understandings shall have no force or effect, whatsoever, on this Agreement.
- F. This Agreement shall be governed by the laws of the State of Florida, and the Circuit Court of Orange County, which shall have exclusive jurisdiction of any disputes arising under this Agreement.
- G. To the extent of any conflict between the provisions of this Agreement and the City Charter, the City Charter provisions control.

IN WITNESS WHEREOF, the parties have executed this agreement on the dates set forth below for the purposes set forth herein.

RICK RUDOMETKIN	CITY OF BELLE ISLE, FLORIDA
Date:	Date:

Exhibit A

City of Belle Isle Position Description

Position Title: City Manager **FLSA:** Exempt **Supervisor:** City Council **Revised:** 9/2023

General Description: The City Manager serves as the chief administrative officer of the City and is responsible for the day-to-day operations of the City and is appointed by and serves under the City Council. The City Manager is responsible for the supervision and direction of all departments, agencies or offices of the City.

Essential Job Functions:

- Appoints and when necessary for the good of the City, suspends or removes all City employees and appointive administrative officers provided for, by or under the City Charter, except as otherwise provided by law, the charter or personnel rules adopted pursuant to the charter.
- Authorizes any administrative officer subject to the manager's direction and supervision to
 exercise these powers with respect to subordinates in that officer's department or agency.
- Directs and supervises the administration of all departments, offices, and agencies of the City, except as otherwise provided by the charter or laws.
- Attends all City Council meetings and has the right to take part in discussion but does not vote.
- Assures that all laws, provisions of the charter and acts of the Council, subject to enforcement by the City Manager or by officers subject to the manager's direction and supervision, are faithfully executed.
- Prepares and submits the annual budget and capital program to the City Council.
- Submits to the Council and makes available to the public a complete report on the finances and administrative activities of the City at the end of each fiscal year.
- Makes other reports as the Council may require concerning the operations of the City departments, offices, and agencies that are subject to the City Manager's direction and supervision.
- Keeps the Council fully advised as to the financial condition and future needs of the City and make recommendations to Council concerning the affairs of the City.
- Signs contracts on behalf of the City pursuant to the provisions of appropriate ordinances.
- Provides staff support for the mayor and commissioners.
- Establishes personnel policies governing appointment, retention, and promotion of City employees, which policies shall include a grievance procedure.
- Serves as the purchasing agent for the City as established by the charter.
- Performs other job related functions as needed or directed by City Council.

(These essential job functions are not to be construed as a complete statement of all duties performed. Employees will be required to perform other job related duties as required. The duties listed herein are intended to be consistent with the Charter and Ordinances of the City of Belle Isle and the laws of the State of Florida, and this document may not be construed to supersede, overrule, or convey any authority that is inconsistent with such Charter provisions, ordinances, or laws)

Minimum Requirements:

- Bachelor's Degree or higher from an accredited College/University with a major in Business or Public Administration or related field, plus five years' experience in progressively responsible management position in local government or an equivalent combination of education and experience.
- ICMA-Credentialed Manager (current/active).
- Must obtain a valid Florida Driver's License within 90 days of employment.

Knowledge, Abilities, and Skills:

- Thorough knowledge of the principles and practices of governmental administration, governmental budgeting and governmental regulations.
- Knowledge of local governmental operations.
- Knowledge of research techniques and source availability of required or requested information.
- Ability to communicate effectively both orally and in writing.
- Ability to establish and maintain effective working relationships with , government officials, private organizations, and the general public, and effectively utilize resources.
- Ability to make effective decisions.
- Ability to maintain records, files, and reports in accordance with established methods and procedures.
- Ability to read, interpret, and analyze instructions and/or data effectively.
- Ability to work independently with minimal supervision.
- Ability to formulate, submit and administer budgets.
- Ability to function in a sophisticated computer environment.

Environmental Conditions:

Works in an office environment.

Exhibit B

ICMA Code of Ethics

The mission of ICMA is to create excellence in local governance by developing and fostering professional local government management worldwide. To further this mission, certain principles, as enforced by the Rules of Procedure, shall govern the conduct of every member of ICMA, who shall:

- Be dedicated to the concepts of effective and democratic local government by responsible elected
 officials and believe that professional general management is essential to the achievement of this
 objective.
- Affirm the dignity and worth of the services rendered by government and maintain a constructive, creative, and practical attitude toward local government affairs and a deep sense of social responsibility as a trusted public servant.
- Be dedicated to the highest ideals of honor and integrity in all public and personal relationships in order that the member may merit the respect and confidence of the elected officials, of other officials and employees, and of the public.
- 4. Serve the best interests of the people.
- 5. Submit policy proposals to elected officials; provide them with facts and advice on matters of policy as a basis for making decisions and setting community goals; and uphold and implement local government policies adopted by elected officials.
- Recognize that elected representatives of the people are entitled to the credit for the establishment of local government policies; responsibility for policy execution rests with the members.
- Refrain from all political activities which undermine public confidence in professional administrators. Refrain from participation in the election of the members of the employing legislative body.
- Make it a duty continually to improve the member's professional ability and to develop the competence of associates in the use of management techniques.
- Keep the community informed on local government affairs; encourage communication between the citizens and all local government officers; emphasize friendly and courteous service to the public; and seek to improve the quality and image of public service.
- 10. Resist any encroachment on professional responsibilities, believing the member should be free to carry out official policies without interference, and handle each problem without discrimination on the basis of principle and justice.
- 11. Handle all matters of personnel on the basis of merit so that fairness and impartiality govern a member's decisions pertaining to appointments, pay adjustments, promotions, and discipline.
- Public office is a public trust. A member shall not leverage his or her position for personal gain or benefit.

Adopted by the ICMA Executive Board in 1924, and most recently revised by the membership in June 2018.



CITY OF BELLE ISLE, FLORIDA CITY COUNCIL AGENDA ITEM COVER SHEET

Meeting Date: October 3, 2023

To: Honorable Mayor and City Council Members

From: Chief Grimm, Interim City Manager

Subject: Consideration to Appoint Jason Carson to the District 4 Commissioner seat

Background: At the June 6th meeting, Comm Holihan submitted his resignation effective December 31, 2023. After Council discussion at the August 15th meeting and at the recommendation by Comm Holihan, the Council consensus was to place the vacancy on social media and post on the City website for applications effective immediately. The City staff followed the procedures outlined in the City Charter to advertise and qualify applicants for the vacant seat.

The procedure for filling vacancies is outlined in the Charter as follows,

- The Council shall direct the city manager to post the vacancy a 30-day notice
- The Council may interview all or a portion of the applicants if it so desires
- The filling of the office shall be completed within one month (30 days) of the date that the council seat was vacated
- If the 30-day time period for filling the vacant office expires before the office is filled, or by majority vote, the time period for filling the vacancy shall be extended by 30 days

The Interim City Manager received one application for the position: Jason Carson, 2622 Trentwood Blvd. Mr. Carson is the lone candidate who has applied for the position.

Before Comm Holihan was appointed Commissioner for District 4, Mr. Holihan served as the Chairperson for the Planning and Zoning and Redistricting Committee and is a member of the Police Advisory Board. Additionally, he is a frequent attendee at the Lake Conway Nav Board meetings. Comm Holihan is willing to resign effective immediately as Commissioner, District 4, and has submitted consideration to represent District 3 on the Planning & Zoning, which has been vacated for over a year and is now an At-Large appointment.

Staff Recommendation: Appoint Jason Carson as the District 4 Commissioner to fill the remainder of the term. The next qualifying date for District 4 is in 2025. And appoint Randy Holihan for District 3 on the Planning & Zoning Board.

Suggested Motion: I move to appoint Jason Carson as the District 4 Commissioner for the remainder of the term, effective October 3, 2023. And appoint Randy Holihan as the District 3 Planning & Zoning Board member immediately following his resignation.

Alternatives: Do not appoint and readvertise the position for an additional 30 days.

Fiscal Impact: N/A

Attachments: Jason Carson's Letter of Interest, Application, and Resume

9/21/2023

Yolanda Quinceno

Belle Isle City Commissioner – District 4 Consideration

Dear Ms./Mrs. Quinceno,

I am writing to provide a letter of intent for my consideration for the seat of District 4 – Belle Isle City Commissioner. I appreciate the opportunity to submit this letter to you and discuss the potential opportunities this may create ahead.

For the better part of my adult life, I have lived within the Belle Isle city limits and have thoroughly enjoyed the safety and security of being in such a tight-knit community. My wife and I have decided that this is where we are going to raise our family and what better way to get involved with the community that we are so proud to be a part of. I would like to be considered for District 4 – City Commissioner seat for Belle Isle.

I am a very skilled problem solver and am very passionate about the things that I give my time to. My attention to detail is one of my greatest assets and I have done a great amount of contract negotiation with the company that I work for. My ability to bring parties together and drive groups to successful conclusions has been one of the defining points in my career.

I believe these skills will help fill the open position and help bring a new set of eyes to the future of our beautiful community. It would also be my honor to serve our beautiful community and the place where my family will be born and raised. A better tomorrow is always the focal point of my existence, and I would love to help guide our community in the same way.

Thank you for your consideration,

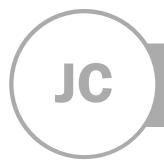
Jason A. Carson

CITY OF BELLE ISLE CITY COUNCIL MEMBER APPLICATION

City council and candidates for any position of the city council shall have resided in a bona-fide residence in the city and the city district that they would represent at least one (1) year immediately before the date on which they apply to the city clerk for qualification to run for the office of commissioner or mayor; shall be a registered voter in Orange County with proof from the Orange County Supervisor of Elections; or as later designated, at an address within the city district for at least one (1) year immediately before the date on which they apply to the city clerk for qualification to run for the office of commissioner, or mayor; and shall meet and satisfy all qualifications to be a voter in the state of Florida. A residence shall be considered a bona-fide residence under this section if it is subject to a valid homestead exemption in the records of the Orange County Property Appraiser.

Please email the City Clerk a completed application, Resume, and Letter of Interest to yquiceno@belleislefl.gov.

Name:		Jason Carson
Home A	ddress:	2622 Trentwood Blvd, Belle Isle, FL 32812
Contact	Number:	321-246-6742 Email: jacarson23@gmail.com
1. 2. 3.	Are you a Describe I have I are a their section such Describe I am in	have time to fulfill the duties of this Council? Yes No your community involvement and experience that would apply to this Commission. It lived in Daetwyler Shores for just over 12 years now, my neighbors and a very close community and I have helped many of them with tasks around thomes and such. I would like to continue being a voice of reason for our on of this great community. I am very involved with quite a few charities and through work, and would like to continue donating my time to causes I believe in. Why you are interested in serving on the City Council: Interested because my wife and I are raising two little girls in this community.
		ve that by showing them to get involved in their community it will make them r for it and show them a sense of purpose within their community. I also
		like to stay involved in the processes and what is happening within our city.
5.	Please su	bmit a letter of interest with your application. Please use a separate page if needed.
By signir complet		you affirm to the best of your knowledge that the information you provided on this form is true and
Signatur	e: Jas	son Alan Carson Date: 09/21/2023



JASON CARSON

2622 TRENTWOOD BLVD, BELLE ISLE, FLORIDA 32812

PROFILE SUMMARY

Excellent strategic thinker with hands on experience in management and financial accounting practices.

Outstanding record of budget management and oversight of financial statements. Well versed in market/customer trends.

SKILLS

Microsoft Office 365: Excel, Word, Outlook, and Access Visual One Accounting and PMS Software Kronos Workforce Financial Statement Analysis General Ledger Maintenance

CERTIFICATIONS

Certified Hospitality Accountant Executive (CHAE): Hospitality Financial and Technology Professionals



JACARSON23@GMAIL.COM

WORK EXPERIENCE

FINANCE MANAGER - GENERAL LEDGER/INCOME AUDIT/INTERNAL AUDIT • ROSEN HOTELS AND RESORTS • 07/2021 - PRESENT

Oversee a staff of 4 auditors and 2 general ledger accountants. Produce daily financial statements for the company. Deliver strategic input to accountants reconciling 19 corporate bank accounts. Leverage knowledge to verify and classify large sales and communication tax issues. Managed 8 individual property "Rental and Other Income" budgets/actuals, while managing rental contracts with external vendors. Ensured organizational annual saving by \$65K while serving as in charge of managing two accounting departments. Oversight of 8 company balance sheets and income statements, along with hundreds of general ledger accounts.

COST CONTROL ASSISTANT MANAGER • ROSEN HOTELS AND RESORTS • 01/2011 - 07/2021

Analyze and audit over \$7 million in inventories in 30+ outlets at 7 properties. Developed and enforced cost control procedures, ranging from requisition policies to inventory management policies. Spearheaded the corporate phone bill for savings and potential theft of company time. Oversaw a food and beverage audit team to ensure accuracy in timecards, work schedules and performance.

EDUCATION

B.S.B.A IN INTEGRATED BUSINESS • 06/2018 • THE UNIVERSITY OF CENTRAL FLORIDA

A.S IN ACCOUNTING TECHNOLOGIES • 08/2013 • VALENCIA COLLEGE



321-246-6742



HTTPS://WWW.LINKEDIN.COM/IN/J ASON-CARSON-3B36B8B6

CITY OF BELLE ISLE, FLORIDA CITY COUNCIL AGENDA ITEM COVER SHEET

Meeting Date: October 3, 2023

To: Honorable Mayor and City Council Members

From: Chief Grimm, Interim City Manager

Subject: Request of JJs Waste and Recycling – Darren Batson

Background: On February 7, 2023, JJ's Waste and Recycling requested the City pay for a cost increase passed along to them from the Materials Recovery Facility (MRF). The cost per ton increased in December from \$72.70 to \$95.00 (an increase of 22.30/ton). The Council approved an 8.3% increase in Fuel and labor costs (Landfill/CPI-U).

Based on the discussion with JJs, Orange County sent the letter dated September 1, 2023, stating that their landfill and transfer station disposal rate will increase effective October 1, 2023. JJ's estimates the average cost increase to be 12% for this year.

We currently do not have an active Solid Waste Committee to review and recommend options.

Staff Recommendation: Solid waste and recycling are charged as a non-ad valorem assessment on the property tax bill. It cannot be changed once the TRIM notice comes out in July. That would mean the residents will not see this increase until their next tax bill in 2025. However, either the City, JJs, or both will have to absorb the cost for this year. The City Manager requests that the Council discuss the increase based on the contractor's presentation and direct the City Manager and City Attorney to negotiate with JJs for this new year's cost increase.

Suggested Motion: I move we direct the City Manager and City Attorney to negotiate the cost increase with JJs Waste and Recycling.

Alternatives: Reject JJ's request for additional funding.

Fiscal Impact: 12% increase from the General Fund

Attachments: Request Letter Orange County to JJ's





UTILITIES DEPARTMENT · SOLID WASTE DIVISION 5901 Young Pine Road · Orlando, Florida 32829

Telephone: 407-836-6601

www.ocfl.net/WasteSites

SURPENT PATE 6

September 1, 2023

Dear Valued Customer:

On August 8, 2023, the Board of County Commissioners approved a disposal rate increase for the Orange County Landfill and transfer stations.

The new rates become effective on October 1, 2023.

Fee Category	Description	Landfill	Porter Transfer Station	McLeod Road Transfer Station
Class I	Garbage, putrescible waste (Class I)	\$43.20/ton	\$43.20/ton	\$43.20/ton
Class III Construction & Demolition Debris (C&D)	Clean fill, asphalt, broken concrete, wood, nonputrescible or water soluble waste, furniture, etc. (Class III)	\$32.80/ton	Only accepted at the Landfill	Only accepted at the Landfill
Yard Waste	Vegetative landscape materials including tree and shrub dippings, etc.	\$37.20/ton	\$43.20/ton (accepted only on Saturdays)	\$43.20/ton (accepted only on Saturdays)
Asbestos (by appointment only)	Must be packed according to FDEP and Orange County specifications	\$142.00/ton	Only accepted at the Landfill	Only accepted at the Landfill
Waste Tires	More than 8 passenger tires, any number of light truck (LT) and other tires, or mixed tire loads	\$190.00/ton (Loads of 25+ tires only accepted at the Landfill and require a one-time variance or waste fire transporter license issued by Orange County)	\$190.00/ton (Fewer than 25 passenger tires accepted; no large or off-road)	Not accepted at this time
Waste Passenger Tires	Maximum of 8 passenger tires	\$2.00 each	\$2.00 each	Not accepted at this time

The minimum charge for all vehicles is \$9.00. Yard waste and Class III material delivered to the transfer stations will be charged the Class I rate. Uncovered loads will be charged at a double rate.

If you have any questions, please contact Tara Troutman at 407-836-6607 or Tara.Troutman@ocfl.net.

Sincerely,

David Gregory, Manager Solid Waste Division

CITY OF BELLE ISLE, FLORIDA CITY COUNCIL AGENDA ITEM COVER SHEET

Meeting Date: October 3, 2023

To: Honorable Mayor and City Council Members

From: Chief Grimm, Interim City Manager

Subject: 3904 Arajo Court Title Search Approval

Background: On January 12, 2023, the Code Violation for 3904 Arajo Court was heard before the Code Enforcement Magistrate after due notice to the Respondent. The Magistrate found that the Respondent(s), STOVALL LIZER, by reason of the foregoing, are in violation of the Code of Ordinances of the City of Belle Isle, Section 10-31 Public Nuisance - Definitions (a) Property maintenance, (B) Structure maintenance (c) Serious and immediate threats and Sections 10-153 Tall Grass Violation, in that the Respondent(s) has failed to remedy the violation (s) and are subject to the provisions of the Code of Ordinances of the City of Belle Isle.

Code Enforcement (CE) has not successfully moved this case to a close, and the City has taken it as far as it can in this instance with the code enforcement and building department orders.

CE has requested a title search for the property to determine if any other lienors or parties have an interest in the property other than the record deed holder. Once the results are received, the City can determine who we must name in a lawsuit and better determine other options. The City Attorney has recommended the title search as a starting point and move from there.

If there are no mortgages or liens superior to our code enforcement liens on the property, the City could initiate a foreclosure suit to collect liens due. The result of that would be an auction of the property whereby a new owner (including maybe the City if we're willing to bid) could purchase and rehabilitate the property.

If there is an outstanding mortgage or lien on the property, the City could proceed with a lawsuit for injunctive relief, whereby we would request an order from the court authorizing us to enter the property and clear it.

Staff Recommendation: Approve the request for a Title Search before filing a lawsuit.

Suggested Motion: I move we authorize the City Attorney to obtain a Title Search for 3904 Arajo Court before filing a lawsuit.

Alternatives: Reject the request and discuss other alternatives

Fiscal Impact: Unknown at this time

Attachments: NA