2023-1068K

Rule 14-96, F.A.C.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY CONNECTION PERMIT FOR ALL CATEGORIES

850-040-18
SYSTEMS PLANNING - 06/06

PART 1: PERMIT INFORMATION

APPLICATION NUMBER: 2022-A-291-00044

Permit Category: J - Government Entity Access Classification: _____

Project: UF Health Urgent Care Hawthorne RD

Permittee: ROBERT WALPOLE

Section/Mile Post: / State Road: _____

Section/Mile Post: / State Road: _____

PART 2: PERMITTEE INFORMATION

Permittee Name: ROBERT WALPOLE

Permittee Mailing Address: 11801 Research Drive

City, State, Zip: Alachua, Florida 32615

Telephone: (352) 331-1976 ext. _____

Engineer/Consultant/or Project Manager: _____

Engineer responsible for construction inspection: _____ _____
NAME P.E. #

Mailing Address: _____

City, State, Zip: _____

Telephone: _____ FAX, Mobile Phone, etc. Fax: / Mobile:

PART 3: PERMIT APPROVAL

The above application has been reviewed and is hereby approved subject to all Provisions as attached.

Permit Number: 2022-A-291-00044
Department of Transportation

Signature: Bradley Adams Title: PERMITS COORDINATOR II

Department Representative's Printed Name Bradley Adams

Temporary Permit ☐ YES ☑ NO (If temporary, this permit is only valid for 6 months)

Special provisions attached ☐ YES ☑ NO

Date of Issuance: 7/14/2023

If this is a normal (non-temporary) permit it authorizes construction for one year from the date of issuance. This can only be extended by the Department as specified in 14-96.007(6).

Approved
2022-A-291-00044
Bradley Adams
7/14/2023

See following pages for General and Special Provisions

PART 4: GENERAL PROVISIONS

1. Notify the Department of Transportation Maintenance Office at least 48 hours in advance of starting proposed work.
   Phone: 3523814316 , Attention: Bradley Adams
2. A copy of the approved permit must be displayed in a prominent location in the immediate vicinity of the connection construction.
3. Comply with Rule 14-96.008(1), F.A.C., Disruption of Traffic.
4. Comply with Rule 14-96.008(7), F.A.C., on Utility Notification Requirements.
5. All work performed in the Department's right of way shall be done in accordance with the most current Department standards, specifications and the permit provisions.
6. The permittee shall not commence use of the connection prior to a final inspection and acceptance by the Department.
7. Comply with Rule 14-96.003(3)(a), F.A.C., Cost of Construction.
8. If a Significant Change of the permittee's land use, as defined in Section 335.182, Florida Statutes, occurs, the Permittee must contact the Department.
9. Medians may be added and median openings may be changed by the Department as part of a Construction Project or Safety Project. The provision for a median might change the operation of the connection to be for right turns only.
10. All conditions in NOTICE OF INTENT WILL APPLY unless specifically changed by the Department.
11. All approved connection(s) and turning movements are subject to the Department's continuing authority to modify such connection(s) or turning movements in order to protect safety and traffic operations on the state highway or State Highway System.
12. **Transportation Control Features and Devices in the State Right of Way.** Transportation control features and devices in the Department's right of way, including, but not limited to, traffic signals, medians, median openings, or any other transportation control features or devices in the state right of way, are operational and safety characteristics of the State Highway and are not means of access. The Department may install, remove or modify any present or future transportation control feature or device in the state right of way to make changes to promote safety in the right of way or efficient traffic operations on the highway.
13. The Permittee for him/herself, his/her heirs, his/her assigns and successors in interest, binds and is bound and obligated to save and hold the State of Florida, and the Department, its agents and employees harmless from any and all damages, claims, expense, or injuries arising out of any act, neglect, or omission by the applicant, his/her heirs, assigns and successors in interest that may occur by reason of this facility design, construction, maintenance, or continuing existence of the connection facility,except that the applicant shall not be liable under this provision for damages arising from the sole negligence of the Department.
14. The Permittee shall be responsible for determining and notify all other users of the right of way.
15. Starting work on the State Right of Way means that I am accepting all conditions on the Permit.

PART 5: SPECIAL PROVISIONS

NON-CONFORMING CONNECTIONS: ☐ YES ☑ NO

If this is a non-conforming connection permit, as defined in Rule Chapters 14-96 and 14-97, then the following shall be a part of this permit.

1. The non-conforming connection(s) described in this permit is (are) not permitted for traffic volumes exceeding the Permit Category on page 1 of this permit, or as specified in "Other Special Provisions" below.

2. All non-conforming connections will be subject to closure or relocation when reasonable access becomes available in the future.

OTHER SPECIAL PROVISIONS:

PART 6: APPEAL PROCEDURES

You may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. If you dispute the facts stated in the foregoing Notice of Intended Department Action (hereinafter Notice), you may petition for a formal administrative hearing pursuant to section 120.57 (1), Florida Statutes. If you agree with the facts stated in the Notice, you may petition for an informal administrative hearing pursuant to section 120.57(2), Florida Statutes. You must file the petition with:

Clerk of Agency Proceedings
Department of Transportation
Haydon Burns Building
605 Suwannee Street, M.S. 58
Tallahassee, Florida 32399-0458

The petition for an administrative hearing must conform to the requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code, and be filed with the Clerk of Agency Proceedings by 5:00 p.m. no later than 21 days after you received the Notice. The petition must include a copy of the Notice, be legible, on 8 1/2 by 11 inch white paper, and contain:

1. Your name, address, telephone number, any Department of Transportation identifying number on the Notice, if known, the name and identification number of each agency affected, if known, and the name, address, and telephone number of your representative, if any, which shall be the address for service purposes during the course of the proceeding.
2. An explanation of how your substantial interests will be affected by the action described in the Notice;
3. A statement of when and how you received the Notice;
4. A statement of all disputed issues of material fact. If there are none, you must so indicate;
5. A concise statement of the ultimate facts alleged, including the specific facts you contend warrant reversal or modification of the agency's proposed action, as well as an explanation of how the alleged facts relate to the specific rules and statutes you contend require reversal or modification of the agency's proposed action;
6. A statement of the relief sought, stating precisely the desired action you wish the agency to take in respect to the agency's proposed action.

If there are disputed issues of material fact a formal hearing will be held, where you may present evidence and argument on all issues involved and conduct cross-examination. If there are no disputed issues of material fact an informal hearing will be held, where you may present evidence or a written statement for consideration by the Department.

Mediation, pursuant to section 120.573, Florida Statutes, may be available if agreed to by all parties, and on such terms as may be agreed upon by all parties. The right to an adminstrative hearing is not affected when mediation does not result in a settlement.

Your petition for an administrative hearing shall be dismissed if it is not in substantial compliance with the above requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code. If you fail to timely file your petition in accordance with the above requirements, you will have waived your right to have the intended action reviewed pursuant to chapter 120, Florida Statutes, and the action set forth in the Notice shall be conclusive and final.

Florida Department of Transportation

RON DESANTIS
GOVERNOR

1109 South Marion Avenue
Lake City, Florida 32025-5874

JARED W. PERDUE, P.E.
SECRETARY

Date: February 2, 2023

To: Robert Walpole, P.E. Permittee Applicant

Subject: Access Management Review Committee Decision for Issue No. 23-01
Permit Number: 22-A-291-00044 (UF Health Urgent Care Hawthorne Rd)
SR20 (Hawthorne Road, Gainesville Florida

Dear Mr. Walpole:

Your request: Allow a new connection at an existing full median opening that does not meet the FAC 14-97 minimum connection spacings for the Access Classification of the roadway

The request is: [ ] Approved [ ] Disapproved [X] Conditionally Approved

Comments: The AMRC does not approve the full median opening at the intersection with SE20th St. as requested. The AMRC does approve this full median opening to be modified to only allow left outs from the south approach. This approval requires the removal of the eastbound to northbound left turn lane, does not allow a westbound to southbound movement, and requires SE20th St to be modified to right in/right out out movements only. This approval allows for a right in/right out and left out movements for the new south approach. Public Notice shall be required for these changes.

A decision by the Access Management Review Committee only defines the location and types of median openings and/or access points that may be allowed on the State Highway System. Two "same" decisions represent the Access Management Committee's final decision.

THE DISTRICT ACCESS MANAGEMENT COMMITTEE

With the above decision I agree/disagree with the committee decision:

		Agree	Disagree
James Hannigan, P.E. *District Traffic Operations Engineer*	DocuSigned by: D98A801D824247C...	02/03/2023 | 8:06 AM EST	
Kathy Thomas, P.E. *District Design Engineer*	DocuSigned by: Kathryn D Thomas 2DC177F0727444C...	02/03/2023 | 8:05 AM EST	
James Knight, P.E. *Urban Planning and Modal Administrator*	James Knight 3B010E6B2C5344C...	02/03/2023 | 8:04 AM EST	X

Approved
2022-A-291-00044
Bradley Adams
7/14/2023

EASTSIDE/GTEC INFRASTRUCTURE

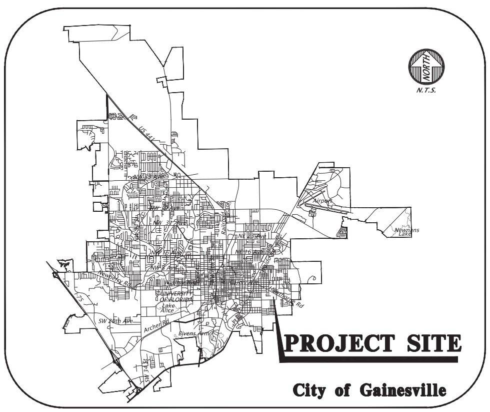
FOR:

GAINESVILLE COMMUNITY REDEVELOPMENT AGENCY

SE 6TH AVENUE EXTENSION
SE 20TH STREET FROM HAWTHORNE ROAD TO SE 8TH AVENUE

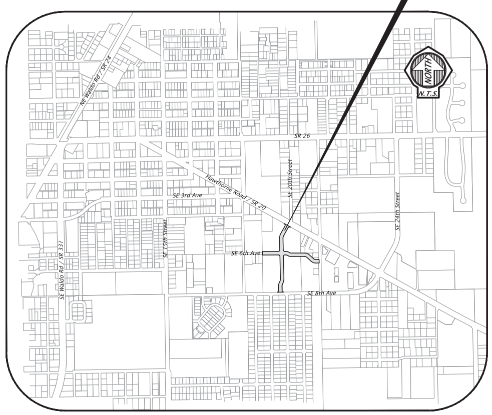
GAINESVILLE, FLORIDA

SECTION 3, TOWNSHIP 10 SOUTH, RANGE 20 EAST



VICINITY MAP

PROJECT SITE



LOCATION MAP

SHEET INDEX

SHEET NUMBER	DESCRIPTION
C0.00	COVER SHEET AND INDEX
C0.10	GENERAL NOTES
C0.11	LEGEND
~~1 - 3 OF 3~~	~~BOUNDARY AND TOPOGRAPHIC SURVEY~~
~~1 OF 1~~	~~BOUNDARY SURVEY~~
C0.20	STORMWATER POLLUTION PREVENTION NOTES
C0.21 - C0.23	STORMWATER POLLUTION PREVENTION PLANS
C0.30 - C0.32	DEMOLITION AND TREE PROTECTION PLANS
C1.00	MASTER SITE PLAN
C2.00	MASTER GRADING AND DRAINAGE PLAN
C2.01	MASTER GRADING AND DRAINAGE PLAN WITH AERIAL
C2.20	STORMWATER MANAGMENT FACILITY #2 PLAN AND SECTION
C2.21	STORMWATER MANAGMENT FACILITY #3 PLAN
C2.22	STORMWATER MANAGMENT FACILITY #3 SECTION AND DETAILS
C2.30	CONSTRUCTION DETAILS
C3.00	MASTER UTILITY PLAN
C4.01	TYPICAL ROADWAY SECTION
C4.10 - C4.16	ROADWAY PLAN AND PROFILES
C4.20 - C4.22	SIGNAGE AND STRIPING PLAN
C5.00	SR 20 DEMOLITION PLAN
C5.01	SR 20 IMPROVEMENTS
C5.02	SR 20 IMPROVEMENTS STRIPING AND SIGNAGE PLAN
C6.00 - C6.04	ROADWAY CROSS SECTIONS
~~E1-E2~~	~~ELECTRICAL AND LIGHTING PLANS~~
~~E3-E4~~	~~PHOTOMETRIC PLANS~~
~~E5~~	~~STATISTICS, SCHEDULE, AND DETAILS~~
~~E6~~	~~ELECTRICAL AND LIGHTING PLANS~~
~~LS 1~~	~~LANDSCAPE DETAILS~~
~~LS 2 & LS 3~~	~~LANDSCAPE PLAN~~

STORMWATER MANAGEMENT UTILITY DATA:

TOTAL PROPOSED IMPERVIOUS AREA = 109,028 S.F.
TOTAL PROPOSED SEMI-IMPERVIOUS AREA = 0 S.F.

BASIN ID	LOWEST DISCHARGE ELEVATION (FT)	DETENTION VOL. BELOW LOWEST DISCHARGE EL. (CF)	DETENTION AREA AT LOWEST DISCHARGE EL. (SF)
SMF-2/SMF-3* (WET DETENTION)	127.50	170,717	54,088

*SMF-2 AND 3 ARE A COMBINED WET DETENTION SYSTEM CONNECTED VIA EQUALIZER PIPE

GOVERNING STANDARDS AND SPECIFICATIONS:

FOR THE 2022-23 FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION CLICK ON THE "STANDARD PLANS" LINK AT THE FOLLOWING WEBSITE: HTTP://WWW.FDOT.GOV/ROADWAY/DESIGNSTANDARDS/STANDARDS.SHTM

FOR THE 2022 FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION CLICK ON THE "STANDARD SPECIFICATIONS" LINK AT THE FOLLOWING WEBSITE: HTTP://WWW.FDOT.GOV/PROGRAMMANAGEMENT/IMPLEMENTED/SPECBOOKS

FOR THE 2022 ENGINEERING DESIGN AND CONSTRUCTION MANUAL CLICK ON THE "ENGINEERING DESIGN AND CONSTRUCTION MANUAL" LINK AT THE FOLLOWING WEBSITE: HTTPS://WWW.GAINESVILLEPUBLICWORKS.ORG/ENGINEERING-DESIGN-CONSTRUCTION-MANUAL/

BEFORE YOU DIG !
CALL SUNSHINE STATE ONE CALL OF FLORIDA
AT LEAST TWO FULL BUSINESS DAYS BEFORE DIGGING OR DISTURBING EARTH
1-800-432-4770
811 Know what's below. Call before you dig.

GRU CERTIFICATION

THE WATER & WASTEWATER SYSTEM DESIGN IS IN ACCORDANCE WITH CURRENT GRU DESIGN STANDARDS.

DATE: ____________

GRU NOTIFICATIONS

1. NOTIFY GRU WASTEWATER ENGINEERING 48 HOURS PRIOR TO CONSTRUCTION AT 352-393-1633; IF PROPER NOTIFICATION IS NOT MADE, CONTRACTOR IS SUBJECT TO STOP WORK ORDER.

2. NOTIFY GRU ELECTRIC INSPECTIONS 48 HOURS PRIOR TO CONSTRUCTION AT 352-339-0430; IF PROPER NOTIFICATION IS NOT MADE, CONTRACTOR IS SUBJECT TO BE SHUT DOWN.

CHW Professional Consultants
11801 Research Drive
Alachua, Florida 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-5075

SCALE: N/A
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
0 — 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
2/27/2023 - RESUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: COVER SHEET AND INDEX

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201
This item has been digitally signed and sealed by Walker Fain Owen, PE on the date indicated here.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Walker Fain Owen
FL PE No. 94201

SHEET NO.: C0.00

GENERAL NOTES

1. THE TOPOGRAPHIC AND EXISTING INFORMATION SHOWN HEREON WERE TAKEN FROM A BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED BY CHW, AND DATED MARCH 13, 2022, REVISED FEBRUARY 8, 2023. COORDINATES FOR ALL DRAWINGS REFERENCE FLORIDA STATE PLANE COORDINATES, NAD 83 ZONE NORTH, US SURVEY FEET. VERTICAL COORDINATES FOR ALL DRAWINGS REFERENCE NAVD 88, US SURVEY FEET.
2. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAS BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. THE RESPECTIVE UTILITY COMPANIES SHALL RELOCATE ALL UTILITIES THAT INTERFERE WITH THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANIES DURING THE RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.
3. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE APPROPRIATE UTILITY COMPANIES IN ORDER TO ALLOW MARKING OF THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES IN ADVANCE OF CONSTRUCTION BY CALLING THE FLORIDA SUNSHINE STATE ONE-CALL CENTER, INC. AT 1-800-432-4770 OR 811. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY "SUNSHINE" 48 HOURS PRIOR TO ANY CLEARING OF CONSTRUCTION TO IDENTIFY ALL UTILITY LOCATIONS. NO CONSTRUCTION ACTIVITY MAY OCCUR UNTIL THE UTILITIES HAVE BEEN PROPERLY MARKED.
4. THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL LOCATION AND VERTICAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF THE PROJECT ENVELOPE SHOWN PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CALL ALL UTILITY COMPANIES TO HAVE THE LOCATIONS OF ALL UTILITIES FIELD MARKED PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONTINUING CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.
6. ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS BEFORE COMMENCING CONSTRUCTION WORK, UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. ADDITIONAL COSTS ARE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.
7. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK INCLUDING LANDSCAPING.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY AND/OR MUNICIPALITY INSTRUCTIONS.
9. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPES ARE BEING PLACED. DEWATERING SHALL BE USED AS REQUIRED, AND PERMITTED THROUGH LOCAL GOVERNMENTAL AGENCIES AND WATER MANAGEMENT DISTRICT PER CURRENT REGULATIONS AT THE SOLE COST OF THE CONTRACTOR.
11. CONTRACTOR TO REVIEW GEOTECHNICAL REPORT AND BORINGS PRIOR TO BIDDING THE PROJECT AND FOLLOW OUTLINED CONSTRUCTION TECHNIQUES.
12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SERVICES OF AN APPROVED TESTING LABORATORY AND/OR SOILS ENGINEER, APPLICABLE REGULATORY AGENCIES, AND AS MAY BE FOUND IN THE ENGINEERING CONSTRUCTION DRAWINGS OR SPECIFICATIONS. CONTRACTOR TO VERIFY ALL TESTING WITH THE CITY OF GAINESVILLE PRIOR TO COMMENCING CONSTRUCTION. UPON COMPLETION OF THE WORK, THE TESTING LABORATORY AND/OR SOILS ENGINEER MUST SUBMIT TO THE CITY OF GAINESVILLE'S'S ENGINEER CERTIFICATIONS STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
13. INSTALL SILT FENCE PRIOR TO SITE DEMOLITION OR NEW SITE CONSTRUCTION. INSTALL SILT FENCE PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL AND PROVIDE TOE-IN. THE CONTRACTOR SHALL MAINTAIN THE SILT FENCE IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE PROJECT SILT FENCE SHALL BE INSPECTED DAILY AND ANY CORRECTIVE MEASURES SHALL BE COMPLETED WITHIN 24 HOURS.
14. THE CONTRACTOR SHALL CALL THE NATURE OPERATIONS DIVISION AT (352) 393-8171 FOR A TREE BARRICADE INSPECTION PRIOR TO BEGINNING ANY CONSTRUCTION.
15. THE CONTRACTOR IS TO PREPARE THE SITE PRIOR TO BEGINNING ACTUAL CONSTRUCTION IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
16. ALL DELETERIOUS MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS OR AS DIRECTED BY THE CITY OF GAINESVILLE. DELETERIOUS MATERIAL IS TO BE STOCKPILED AND REMOVED FROM THE SITE. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE AREAS.
17. CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. DISTURBED AREAS SHALL BE SODDED, SEEDED, MULCHED, OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL, AS DIRECTED BY THESE PLANS, IMMEDIATELY FOLLOWING CONSTRUCTION PER LOCAL INSPECTOR.
18. WORK BEING PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON THE SITE BY OTHER CONTRACTORS AND/OR UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE ITS ACTIVITIES, WHERE NECESSARY, WITH OTHER CONTRACTORS AND UTILITY COMPANIES.
19. ALL PAVEMENT DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
20. THE GOVERNING STANDARDS AND SPECIFICATIONS, UNLESS STATED OTHERWISE SHALL BE PER FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS (FY 2022-23 ROAD CONSTRUCTION), AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED JANUARY 2018, AS AMENDED BY CONTRACT DOCUMENTS. ALL MATERIALS AND METHODS SHALL MEET FDOT SPECIFICATIONS AND SHALL BE PRODUCED OR OBTAINED FROM AN FDOT APPROVED SOURCE.
21. ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STANDARDS.
22. ALL STRIPING WITHIN REPAVED AREAS OF THE CITY RIGHT OF WAY SHALL BE PLACED FIRST AS TEMPORARY STRIPING FOLLOWED BY APPLICATION OF THERMOPLASTIC STRIPING 30 DAYS LATER.
23. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PROPER BENCHMARKS ON-SITE. EXISTING BENCH MARKS SCHEDULED FOR REMOVAL SHALL BE RELOCATED AT CONTRACTORS EXPENSE AND RE-ESTABLISHED BY A LICENSED SURVEYOR.
24. ALL HANDICAP RAMPS SHALL COMPLY WITH THE FLORIDA ACCESSIBILITY CODE AND AMERICANS WITH DISABILITIES ACT.
25. A PRE-CONSTRUCTION CONFERENCE MAY BE REQUIRED. THE CONTRACTOR AND ENGINEER OF RECORD SHALL MEET WITH THE CITY OF GAINESVILLE PUBLIC WORKS DEPARTMENT PRIOR TO INITIATION OF SITE CONSTRUCTION IF REQUIRED.
26. ANY CHANGE ORDER REQUESTS, SITE REVISIONS, AND PAY REQUESTS MUST BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD.
27. CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING AS NEEDED THROUGHOUT ALL CONSTRUCTION ACTIVITIES COVERED BY THESE PLANS. DEWATERING SHALL BE DONE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS, 2022 EDITION, SECTION 120.
28. THE CONTRACTOR IS RESPONSIBLE FOR THE PERFORMANCE AND COST OF ALL CLEARING AND GRUBBING AND ALL WORK OF REMOVAL, DISPOSAL, AND REPAIR OR REPLACEMENT OF EXISTING IMPROVEMENTS WHERE SHOWN IN THE PLANS, OR ORDERED BY THE ENGINEER TO BE REMOVED, OR WHERE REQUIRED BECAUSE OF THE CONSTRUCTION OPERATIONS, IN ORDER TO CONSTRUCT THE PROPOSED IMPROVEMENTS (THIS INCLUDES BUT IS NOT LIMITED TO PROPOSED PIPING, STRUCTURES, UTILITIES, PAVING, CURBING, ETC.).
29. AN AS-BUILT SURVEY MAY BE REQUIRED BY REGULATORY AGENCIES. CONTRACTOR TO COORDINATE WITH CITY OF GAINESVILLE FOR COMPLETION OF AS-BUILT SURVEYS PRIOR TO PROJECT / PERMIT CLOSE-OUT.

MAINTENANCE OF TRAFFIC (MOT) NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR CREATING A MAINTENANCE OF TRAFFIC (MOT) PLAN FOR CONSTRUCTION ACTIVITY THAT OCCURS WITHIN THE PUBLIC RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO SIDEWALK WORK AND ACTIVITIES THAT REQUIRE A LANE (OR ROAD) CLOSURE, SUCH AS CONNECTION TO SEWER MANHOLES AND WATER MAINS. THE MOT PLAN MUST BE CREATED BY A REGISTERED PROFESSIONAL ENGINEER WHO IS CERTIFIED TO DO SO BY FDOT MOT CERTIFICATION TRAINING. THE MOT PLAN MUST ALSO BE IN ACCORDANCE WITH FDOT DESIGN STANDARDS, FDOT STANDARD SPECIFICATIONS, ACPWD SPECIFICATIONS, AND/OR CITY OF GAINESVILLE MOT REQUIREMENTS AND MUST BE REVIEWED AND APPROVED BY THE CITY OF GAINESVILLE (PHIL MANN) AND THE FLORIDA DEPARTMENT OF TRANSPORTATION (ROBBIE EMMONS), AS REQUIRED.
2. THE CONTRACTOR SHALL SUBMIT THE MOT TO THE APPROPRIATE REGULATORY AUTHORITY PRIOR TO WORK REQUIRING THE MOT FOR APPROVAL. NO WORK IN THE ROW SHALL OCCUR UNTIL THE MOT IS APPROVED.

DEMOLITION GENERAL NOTES

1. CALL THE BUILDING DEPARTMENT AT (352)334-5050 FOR A DEMOLITION INSPECTION PRIOR TO ANY DEMOLITION ACTIVITIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLITION MATERIALS IN A SAFE AND LAWFUL MANNER. THE CONTRACTOR SHALL SALVAGE TO THE CITY OF GAINESVILLE ANY ITEM AS DETERMINED BY THE CITY OF GAINESVILLE ONCE DEMOLISHED, MATERIAL SHALL BE DISPOSED OF PROPERLY AND IMMEDIATELY.
3. REMOVE ALL IMPROVEMENTS DEFINED ON THE DEMOLITION PLAN. SALVAGE ITEMS TO CITY OF GAINESVILLE AS DEFINED BY THE CITY'S REPRESENTATIVE AND CONSTRUCTION DOCUMENT SPECIFICATIONS.
4. EXISTING PAVEMENT AND SIDEWALK EDGES THAT BORDER NEW CONSTRUCTION OR DEMOLITION ARE TO BE SAW-CUT TO PROVIDE A SMOOTH TRANSITION.
5. ALL EXISTING TREES ARE TO REMAIN UNLESS OTHERWISE NOTED.
6. ROOTS LARGER THAN 1 INCH IN DIAMETER ON TREES TO BE PRESERVED THAT ARE ENCOUNTERED DURING CONSTRUCTION MUST BE CUT CLEANLY AND COVERED OVER WITH SOIL BY THE END OF THE WORKING DAY.
7. ALL ASPHALT AND LIMEROCK WILL BE COMPLETELY REMOVED FROM AREAS THAT WILL BE LANDSCAPED. IN PARTICULAR, AREAS WHERE ASPHALT WILL BE REMOVED MUST HAVE THE TOP HARD SURFACE, LIMEROCK, AND COMPACTED SOIL REMOVED. REPLACEMENT SOIL SHALL BE CLEAN DEEP FILL OF PH 5.5 - 6.5. THE DEPTH OF UNCOMPACTED SOIL PRIOR TO PLANTING MUST BE AT LEAST 3 FEET TO ACCOMMODATE FUTURE TREE ROOT GROWTH. NO LIMEROCK, LARGE STONES, OR OTHER CONSTRUCTION DEBRIS CAN REMAIN IN AREAS TO BE LANDSCAPED.

PAVING, GRADING, AND DRAINAGE GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR EROSION/SEDIMENTATION CONTROL PRACTICES DURING CONSTRUCTION TO MINIMIZE ON-SITE EROSION/SEDIMENTATION AND TO PROTECT AGAINST DAMAGE TO OFF SITE PROPERTY. THE FOLLOWING PRACTICES SHALL BE EMPLOYED:
   A. EROSION AND SEDIMENTATION CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. AREAS OF OFF-SITE DISCHARGE DURING CONSTRUCTION SHALL BE PROTECTED WITH A SEDIMENT BARRIER PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL TO PREVENT OFF-SITE DISCHARGE OF SEDIMENTS. A SILT BARRIER SHALL SPECIFICALLY BE REQUIRED, CONSTRUCTED, AND MAINTAINED AS INDICATED ON THIS SHEET. TEMPORARY SEED AND MULCH SHOULD BE USED TO CONTROL ON-SITE EROSION WHEN IT IS NOT PRACTICAL TO ESTABLISH PERMANENT VEGETATION. SOD SHALL BE PLACED AS EARLY AS POSSIBLE ON ALL SLOPES STEEPER THAN 5 (FT) HORIZONTAL TO 1 (FT) VERTICAL. SOD SHALL BE PINNED AS REQUIRED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE. THE CONTRACTOR SHALL INSPECT AND REPAIR AS NECESSARY THE EROSION/SEDIMENTATION PROTECTION AT THE END OF EACH WORKING DAY.

      NOTE: EROSION/SEDIMENTATION CONTROL SHALL BE PLACED PRIOR TO SITE EXCAVATION AND SHALL REMAIN IN PLACE UNTIL SITE VEGETATION AND LANDSCAPING IS COMPLETE.
   B. ALL INLET STRUCTURES AND PIPE SHALL BE PROTECTED FROM SILTATION BY CONSTRUCTING INLET PROTECTION AS DEFINED BY THESE PLANS OR IN THE FDOT STANDARDS. IF SILTATION OCCURS, THE CONTRACTOR IS RESPONSIBLE TO REMOVE SILTATION AS PART OF THE BASE CONTRACT AT NO ADDITIONAL COST TO THE CITY OF GAINESVILLE.
   C. PERMANENT VEGETATIVE STABILIZATION SHALL BE APPLIED ON FINE GRADED SITES AS SOON AS PRACTICAL. TEMPORARY SEEDING SHOULD BE EMPLOYED TO PREVENT EXPOSURE OF BARREN SOILS UNTIL PERMANENT VEGETATION CAN BE APPLIED.
   D. ALL SLOPES 1:4 OR STEEPER REQUIRE LAPPED OR PEGGED SOD.
   E. EROSION, SEDIMENT AND TURBIDITY CONTROL ARE THE RESPONSIBILITY OF THE CONTRACTOR. THESE DELINEATED MEASURES ARE THE MINIMUM REQUIRED, WITH ADDITIONAL CONTROLS TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATION.
   F. ALL SYNTHETIC BALES, SILT FENCE, AND OTHER EROSION CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
2. THE CONTRACTOR SHALL MAINTAIN IN HIS POSSESSION A COPY OF THE WATER MANAGEMENT DISTRICT CONSTRUCTION PERMIT. HE SHALL BE RESPONSIBLE FOR ADHERENCE TO ALL CONDITIONS CONTAINED IN THE PERMIT.
3. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
4. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE CITY OF GAINESVILLE AND CITY'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.
5. THE COST OF ALL TESTING OF COMPACTION AND OTHER REQUIRED TESTS SHALL BE PAID BY THE CONTRACTOR AND MADE AVAILABLE TO THE ENGINEER OF RECORD DURING SITE INSPECTIONS.
6. GENERAL CONTRACTOR TO CONTACT ENGINEER OF RECORD AND THE CITY OF GAINESVILLE 48 HOURS IN ADVANCE PRIOR TO BACKFILLING TRENCHES FOR FIELD INSPECTION AND PRIOR TO LAYING ASPHALT FOR FIELD INSPECTION.
7. CONTRACTOR IS TO SUBMIT CITY OF GAINESVILLE APPROVED ASPHALT DESIGN MIXES TO THE CITY AND ENGINEER OF RECORD BEFORE ANY WORK IS TO COMMENCE ON PROJECT. THE MIXTURE AT THE PLANT OR ON THE ROAD SHALL NOT EXCEED 335 DEGREES. THE CONTRACTOR SHALL NOTIFY THE CITY OF GAINESVILLE AND PROVIDE TEMPERATURE READINGS PRIOR TO LAYING ASPHALT.
8. AS DETERMINED NECESSARY AND DIRECTED BY CITY OF GAINESVILLE PUBLIC WORKS DEPARTMENT OR ENGINEER OF RECORD, THE CONTRACTOR SHALL UNDERCUT ALL UNSUITABLE MATERIAL 24 INCHES BELOW THE BOTTOM OF ANY PROPOSED LIMEROCK BASE, AND SHALL BACKFILL WITH FILL MATERIAL MEETING FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. SEE FDOT INDEX 120-001 AND 120-002.
9. PROVIDE LEVEL PLATFORM IN FRONT OF ALL EGRESS DOORS. THE FLOOR SURFACE ON BOTH SIDES OF A DOOR SHALL BE AT THE SAME ELEVATION OR AS SHOWN. THE FLOOR SURFACE OR LANDING ON EACH SIDE OF THE DOOR SHALL EXTEND FROM THE DOOR IN THE CLOSED POSITION A DISTANCE EQUAL TO THE DOOR WIDTH AND SHALL COMPLY WITH SECTION 4.13.6 MANEUVERING CLEARANCES AT DOORS OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
10. RAMPS SHALL HAVE LEVEL LANDINGS AT THE BOTTOM AND TOP OF EACH RAMP RUN. CURB RAMPS ARE NOT REQUIRED TO HAVE LANDINGS. LANDINGS SHALL HAVE THE FOLLOWING FEATURES:
    A. THE LANDING SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.
    B. ALL LANDINGS ON RAMPS SHALL BE NOT LESS THAN 60" CLEAR, AND THE BOTTOM OF EACH RAMP SHALL HAVE NOT LESS THAN 72" OF STRAIGHT AND LEVEL CLEARANCE.
    C. IF RAMPS CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60"X60". IF A RAMP RUN HAS A RISE GREATER THAN 6" OR A HORIZONTAL PROJECTION GREATER THAN 72" THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES. HANDRAILS ARE NOT REQUIRED ON CURB RAMPS. HANDRAILS ARE SHOWN ON THE ARCHITECTURAL PLAN.
11. THE CONTRACTOR SHALL STOCKPILE TOPSOIL AND CONSTRUCTION MATERIALS IN AREAS DESIGNATED BY THE CITY OF GAINESVILLE.
12. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING RECORD DRAWINGS AS NOTED IN NOTE #29 UNDER SITE GENERAL NOTES.
13. ALL CONCRETE USED SHALL BE 3,000 PSI MINIMUM OR AS SHOWN.
14. ALL WELLS, CLEANOUTS, MANHOLE TOPS, PULL BOX COVERS AND OTHER UTILITY APPURTENANCES IN THE AREA OF REDEVELOPMENT SHALL BE PROTECTED AND TOPS ADJUSTED TO MATCH PROPOSED GRADES.
15. CONTRACTOR SHALL SAW CUT, TACK, AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS ANY EXISTING PAVEMENT.
16. SOD SHALL BE PLACED AROUND ALL STRUCTURES AS DIRECTED BY FDOT INDEX 524-001 AND FDOT INDEX 425- AND 430- SERIES AS APPROPRIATE. ALL OTHER DISTURBED AREAS SHALL BE SEEDED AND MULCHED.
17. ALL STORM SEWER CURB AND DITCH BOTTOM INLETS SHALL CONFORM TO THE APPLICABLE FDOT INDEX. ALL DRAINAGE STRUCTURES WITH GRATES THAT ARE LOCATED IN GRASSED AREAS SHALL HAVE THE GRATE CHAINED TO THE STRUCTURE USING AN EYE BOLT AND CHAIN.
18. ALL CONCRETE STRUCTURES SHALL HAVE ALL EXPOSED EDGES CHAMFERED 3/4" AND CLASS I SURFACE FINISH.
19. ALL HDPE FITTINGS AND CONNECTORS SHALL BE WATER TIGHT. SEE SPECIFICATIONS FOR MORE INFORMATION.
20. COMPACTION OF ALL MATERIALS SHALL BE LIMITED TO STATIC MODE ONLY, UNLESS DIRECTED OTHERWISE BY THE ENGINEER OF RECORD.
21. ALL RCP PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 430.

ELECTRIC SERVICE GENERAL NOTES

1. ALL ELECTRICAL UTILITIES AND INFORMATION SHOWN ON THE CIVIL PLANS ARE FOR LOCATION AND COORDINATION PURPOSES ONLY. REFER TO ELECTRICAL PLANS BY OTHERS FOR THE ELECTRICAL DESIGN AND DETAILS.
2. ELECTRIC DESIGN PROVIDED BY GRU ENERGY DELIVERY.

GRU TRANSMISSION AND DISTRIBUTION NOTES

1. COORDINATE SCOPE AND DURATION OF ALL WORK WITHIN THE GRU TRANSMISSION AND DISTRIBUTION EASEMENT AT LEAST FOUR WEEKS PRIOR TO SCHEDULED WORK.
2. GRU RESERVES THE RIGHT TO REQUIRE THAT ALL WORK PERFORMED WITHIN ITS EASEMENT TO BE DONE WITH THE TRANSMISSION LINE OUT OF SERVICE AND AT THE PROJECTS EXPENSE. GRU WILL PROVIDE AN ESTIMATE FOR THE COST OF DE-ENERGIZING THE LINES WHEN THE LINE OUTAGE IS REQUESTED. ONLY ONE LINE CAN BE DE-ENERGIZED AT ONE TIME.
3. GRU MAY NOT OBTAIN OR PROVIDE APPROVAL TO DE-ENERGIZE TRANSMISSION AND DISTRIBUTION LINES DURING PEAK SUMMER MONTHS AND SHOULDER MONTHS WHEN GENERATING PLANS ARE UNAVAILABLE. THEREFORE, GRU STRONGLY RECOMMENDS VARIOUS OUTAGE DATE WINDOWS FOR GRU'S CONSIDERATION BE PROVIDED AT LEAST FOUR WEEKS IN ADVANCE OF ANTICIPATED WORK.
4. GRU MAY REQUIRE QUALIFIED GRU PERSONNEL TO BE PRESENT AT ALL TIMES DURING INSTALLATION OF PIPES WITHIN THE TRANSMISSION AND DISTRIBUTION EASEMENT. COST OF GRU PERSONNEL SHALL BE PAID BY THE PROJECT. COORDINATE WORK WITH GRU TRANSMISSION AND DISTRIBUTION AT LEAST FOUR WEEKS IN ADVANCE OF SCHEDULED WORK.
5. CONTRACTOR AND SUBCONTRACTOR MUST FOLLOW ALL APPLICABLE OSHA RULES WHEN WORKING IN THE VICINITY OF GRU TRANSMISSION AND DISTRIBUTION LINES.

GRU UTILITY NOTES

1. NO OTHER UTILITY PERMITS ARE REQUIRED.
2. THE UTILITY PLAN AND PLAT SHOWS ALL PUBLIC UTILITY EASEMENTS (PUE'S) IN A METES AND BOUNDS FORMAT. UPON GRU'S APPROVAL OF PLANS FOR DEVELOPMENTS NOT BEING PLATTED, CITY OF GAINESVILLE MAY CHOOSE TO GRANT THE METES AND BOUNDS EASEMENTS AS SHOWN, OR A BLANKET EASEMENT OVER THE ENTIRE PROPERTY, PROVIDED FACILITIES ARE INSTALLED WITHIN THE PRESCRIBED DISTANCES AS SHOWN ON THE UTILITY PLANS AND IN ACCORDANCE WITH THE UTILITY SEPARATION REQUIREMENTS TABLE IN APPENDIX C OF THE GRU W/WW/RCW DESIGN STANDARDS.
3. ALL CONSTRUCTION MATERIALS AND METHODS FOR POTABLE WATER, WASTEWATER, AND RECLAIMED WATER SYSTEMS SHALL BE IN CONFORMANCE TO GRU'S MOST RECENT POTABLE WATER, WASTEWATER, & RECLAIMED WATER SYSTEM DESIGN STANDARDS, CONSTRUCTION DETAILS, CONSTRUCTION STANDARDS, AND APPROVED MATERIALS MANUAL.
4. POTABLE WATER AND WASTEWATER MAINS SHALL MAINTAIN A MINIMUM 10 FEET HORIZONTAL AND 1.5 FOOT VERTICAL SEPARATION.
5. A MINIMUM HORIZONTAL SEPARATION OF 10 FEET FOR POTABLE WATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS, AND 15 FEET FOR GRAVITY WASTEWATER MAINS SHALL BE PROVIDED AND MAINTAINED FROM BUILDINGS, TRANSFORMERS, AND ALL PERMANENT STRUCTURES. SERVICE LATERALS REQUIRE 5 FEET LESS CLEARANCE FOR EACH OF THE UTILITIES; PROVIDED THAT WATER SERVICE LATERALS ARE INSTALLED INSIDE 3" SLEEVES. SEPARATION FROM TREES IS REDUCED TO 7.5' FOR PRESSURIZED MAINS AND SERVICES AND 10' (MINIMUM) FOR GRAVITY MAINS AND SERVICES. (SEE APPENDIX C OF GRU'S DESIGN STANDARDS AND CONSTRUCTION DETAILS FOR POTABLE WATER, WASTEWATER, AND RECLAIMED WATER - HORIZONTAL SEPARATION DISTANCES FOR PARALLEL AND PERPENDICULAR CLEARANCE FROM OTHER OBJECTS TABLE.)
6. POTABLE WATER SERVICES SHALL BE PROVIDED TO EACH LOT, BUILDING, OR PARCEL REQUIRING A SEPARATE WATER METER. FOR COMMERCIAL, MULTIFAMILY, AND INSTITUTIONAL DEVELOPMENTS, THE DEVELOPER SHALL BE RESPONSIBLE FOR INSTALLING POTABLE WATER SERVICES AND YOKE ASSEMBLY PACKAGE UP TO AND INCLUDING THE METER YOKE, BOX (INSTALLED AT FINAL GRADE) AND ASSOCIATED APPURTENANCES, FOR METERS 1" AND SMALLER (SEE GRU W/WW/RCW CONSTRUCTION DETAIL W - 8.0), WITH A ONE-YEAR WARRANTY.
7. 2" VALVES SHALL BE GRU APPROVED CAST IRON, RESILIENT SEAT GATE VALVES WITH STANDARD 2" OPERATING NUT, THREADED WITH BRASS NIPPLE BETWEEN THE VALVE AND TAPPING SADDLE OR TAPPED TEE.
8. WATER MAINS 4" IN DIAMETER AND GREATER, PLACED UNDER ROADWAYS, SHALL BE CEMENT LINED DUCTILE IRON PIPE (CLDIP) EXTENDING 5 FEET PAST THE BACK OF CURB (3 FEET WITHIN CITY OF GAINESVILLE LIMITS). TRACER WIRE INSTALLED ON PVC WATER MAINS SHALL CONTINUE ACROSS THE CLDIP SECTIONS.
9. 1" OR 2" WATER SERVICE CROSSINGS LOCATED UNDER ROADWAYS SHALL BE ENCASED IN 3" SCH 40 PVC EXTENDING 5' PAST THE BACK OF CURB (3 FEET INSIDE CITY OF GAINESVILLE LIMITS).
10. ANCHOR TEES, ANCHOR COUPLINGS (SOLID X SWIVEL), AND ANCHOR BENDS (SWIVEL X SWIVEL) SHALL BE USED ON ALL FIRE HYDRANT ASSEMBLIES.
11. ALL PRESSURIZED MAIN FITTINGS AND VALVES SHALL BE MECHANICAL JOINT WITH RESTRAINED JOINT GLANDS; A SUFFICIENT LENGTH OF THE PUSH-ON PIPE CONNECTED TO THE FITTINGS SHALL BE MECHANICALLY RESTRAINED TO PROVIDE REACTION AS SPECIFIED ON THE RESTRAINED JOINT STANDARD IN THE CONSTRUCTION DETAILS OF THE GRU STANDARDS (W - 2.8 & 2.9, RCW - 2.8 & 2.9, AND WW - 2.4 & 2.5). CALCULATIONS FOR REQUIRED RESTRAINT LENGTH MUST BE PROVIDED IF THE SPECIFIED RESTRAINT LENGTH, DUE TO SOIL TYPE OR DEPTH OF COVER, DIFFERS FROM THOSE PROVIDED ON THESE DETAILS. RESTRAINED LENGTH MUST BE INDICATED ON THE PLANS.
12. ALL SANITARY WASTEWATER SERVICE LATERALS SHALL BE MIN. 4" DIAMETER PVC (SDR 26 PIPE AND FITTINGS) AT 1.00% MIN. SLOPE UNLESS OTHERWISE LABELED.
13. ALL WASTEWATER CLEANOUT COVERS SHALL BE RATED FOR TRAFFIC LOAD BEARING.
14. MANHOLES WHICH ARE NOT INSTALLED UNDER PAVEMENT SHALL HAVE A RIM ELEVATION AT LEAST 6" ABOVE FINISHED GRADE, AND A 10:1 SODDED SLOPE DOWN TO FINISHED GRADE.
15. THE FINISHED FLOOR ELEVATIONS OF BUILDINGS SHALL BE A MINIMUM OF 6" ABOVE THE LOWEST UPSTREAM MANHOLE TOP. IF THIS IS INFEASIBLE, A WASTEWATER SERVICE LATERAL BACKWATER VALVE (BWV) WITH SEWER RELIEF VALVE IS REQUIRED ON THE CUSTOMER SIDE OF THE CLEANOUT.
16. WHEN A POTABLE OR RECLAIMED WATER MAIN, OR A WASTEWATER FORCE MAIN IS ROUTED WITHIN 10 FT. OF AN ELECTRIC TRANSFORMER, A 20 FT. LENGTH OF CLDIP SHALL BE CENTERED ON THE TRANSFORMER WITH MECHANICAL RESTRAINT AT EACH END. NO FITTINGS, PIPE JOINTS, OR VALVES SHALL OCCUR WITHIN 10 FT. OF THE NEAREST EDGE OF THE TRANSFORMER. A MINIMUM CLEARANCE OF 3' SHALL BE MAINTAINED BETWEEN THE MAIN AND THE TRANSFORMER.
17. CONTACT GRU GAS, ERIC WILLIAMS, (352)393-1466, 72 HOURS IN ADVANCE OF DEMOLITION AND CONSTRUCTION ACTIVITIES.
18. MAINTAIN MINIMUM 36" COVER OVER THE GAS MAINS DURING ALL PHASES OF CONSTRUCTION.
19. LOCATE AND PROTECT ALL GAS FACILITIES.

GRUCOM NOTES

1. CONDUIT SHALL BE 2" MIN. WITH TRACER WIRE AND PULL STRINGS AT MIN. 30" DEPTH.
2. UJBS TO BE APPROXIMATELY 30" W X 48" L X 30" H. SERVICE ENCLOSURES TO BE APPROXIMATELY 18" W X 30" L X 18" H. STANDARD RADIUS 24" ELBOWS TO BE USED AT BOXES.

CITY OF GAINESVILLE NOTES

1. ALL WORK WITHIN OR ON CITY OWNED OR MAINTAINED FACILITIES, ROW OR EASEMENT WILL REQUIRE AS-BUILT PLANS. AS-BUILT PLANS SHOULD SHOW THE CONSTRUCTION CONDITIONS OF THE CITY OWNED OR MAINTAINED ARE AND BE PERFORMED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER. THE CONTRACTOR SHALL PROVIDE THE CITY WITH AN AS-BUILT SURVEY OF THE RETENTION/DETENTION BASIN AND ASSOCIATED STRUCTURES, PREPARED BY A REGISTERED LAND SURVEYOR. THE SURVEY SHALL BE SUBMITTED ON PAPER COPY AND ELECTRONICALLY (.PDF AUTODESK CAD) ANY CONSTRUCTION IN THE CITY OF GAINESVILLE PUBLIC ROW WILL REQUIRE PERMITS FROM THE PUBLIC WORKS DEPARTMENT PRIOR TO BEGINNING WORK.
2. AN MOT PERMIT IS REQUIRED FOR ANY ACTIVITY IN THE ROW THAT EITHER DIRECTLY OR INDIRECTLY AFFECTS VEHICULAR OR PEDESTRIAN TRAFFIC.
3. OPEN CUT RESTORATION SHALL BE PERFORMED IN ACCORDANCE WITH FDOT INDEX 307, AND USING THE FLOWABLE FILL OPTION. ALL BACKFILL WITHIN THE CITY ROW SHALL AT A MINIMUM COMPLY WITH FDOT SPECIFICATION 120 AND FDOT STANDARD PLANS 120-001 AND 125-001. ALL REQUIRED BACKFILL WITHIN THE ROW SHALL BE DOCUMENTED WITHIN A FDOT TYPE DENSITY LOG BOOK, COMPILED AND MAINTAINED BY THE CONTRACTOR, AND AVAILABLE FOR REVIEW BY THE PUBLIC WORKS INSPECTOR AT ALL TIMES AND IMMEDIATELY UPON REQUEST. THE LOG BOOK WILL BE PREPARED AND REVIEWED FOR COMPLIANCE TO SPECIFICATIONS BY CITY STAFF PRIOR TO ANY EARTHWORK STARTING. IT WILL CONTAIN PROCTORS, LBRS, SOIL CLASSIFICATIONS, ETC AS REQUIRED BY SPECIFICATION. THE LOG BOOK SHALL BE SIGNED AND SEALED BY THE ENGINEER AND TURNED OVER TO THE PW DEPARTMENT FOR REVIEW AND ACCEPTANCE AS PART OF THE CLOSEOUT DOCUMENTS.
4. NO PRIVATE INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO FOOTERS, BEAMS, PADS, STRUCTURAL COMPONENTS, CONDUITS, PIPING, WIRING OR SIMILAR WILL BE PERMITTED WITHIN THE ROW. PRIOR TO ANY PLACEMENT OF SUCH COMPONENTS THE ROW WILL BE REQUIRED TO BE STAKED BY A SURVEYOR LICENSED IN THE STATE OF FLORIDA AND LAYOUT OF THE UNDERGROUND INFRASTRUCTURE SHALL BE INSPECTED AND VERIFIED TO BE CLEAR OF ANY ENCROACHMENTS BY PUBLIC WORKS INSPECTION STAFF. FAILURE TO DO SO SHALL BE DEEMED UNPERMITTED AS DESCRIBED AND REGULATED BY OBSTRUCTION OF RIGHT-OF-WAY: CITY OF GAINESVILLE CODE OF ORDINANCES, ARTICLE V. - PUBLIC RIGHTS-OF-WAY OBSTRUCTIONS AND / OR OBSTRUCTION OF RIGHT-OF-WAY: CITY OF GAINESVILLE CODE OF ORDINANCES, ARTICLE V. - PUBLIC RIGHTS-OF-WAY OBSTRUCTIONS.
5. ALL REQUIRED BACKFILL WITHIN THE ROW SHALL BE DOCUMENTED WITHIN A FDOT TYPE DENSITY LOG BOOK, TECHNICIAN MUST HAVE AT LEAST EARTHWORK LEVEL 1, COMPILED AND MAINTAINED BY THE CONTRACTOR, AND AVAILABLE FOR REVIEW BY THE PUBLIC WORKS INSPECTOR AT ALL TIMES AND IMMEDIATELY UPON REQUEST. THE LOG BOOK WILL BE PREPARED AND REVIEWED FOR COMPLIANCE TO SPECIFICATIONS BY CITY STAFF PRIOR TO ANY EARTHWORK STARTING. IT WILL CONTAIN PROCTORS, LBRS, SOIL CLASSIFICATIONS, ETC AS REQUIRED BY SPECIFICATION. THE LOG BOOK SHALL BE SIGNED AND SEALED BY THE ENGINEER AND TURNED OVER TO THE PW DEPARTMENT FOR REVIEW AND ACCEPTANCE AS PART OF THE CLOSEOUT DOCUMENTS
6. IF ANY DEWATERING WILL NEED TO LEAVE THE SITE AT ANY TIME MUST BE APPROVED BY PW PRIOR TO STARTING
7. ALL CONCRETE POURED IN THE CITY ROW MUST BE AN FDOT APPROVED 3000 PSI MIX. ALL CONCRETE MIX DESIGNS WILL BE SUBBMITTED TO PW PRIOR TO PLACEMENT FOR REVIEW.

CONSTRUCTION SEQUENCE AND POLLUTION REDUCTION NOTES

I. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES

1. PRIOR TO CONSTRUCTION, SILT FENCING AND TREE PROTECTION FENCING SHALL BE INSTALLED AND ALL EXISTING STORM DRAINAGE SWALE AND INLETS SHALL BE PROTECTED IN ACCORDANCE WITH FDOT INDEX NO. 102 AND THESE PLANS.
2. THE CONSTRUCTION SERVICE ENTRANCE SHALL BE STABILIZED TO MINIMIZE THE CREATION OF DUST AND OFF-SITE TRACKING OF SEDIMENTS.
3. ONLY THE AREA COMPRISING THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED OF UNWANTED VEGETATION.
4. THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CONSTRUCTED.
5. IF SUITABLE, THE EXCAVATED SOIL FROM THE FACILITY(S) MAY BE USED AS FILL FOR ON-SITE GRADING THAT IS DEPICTED IN THESE CONSTRUCTION PLANS. THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL ON-SITE OR OFF-SITE TO A PERMITTED LOCATION.
6. THE REMAINING PORTION OF THE SITE THAT IS TREATED BY THE CONSTRUCTED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED.
7. THE PERMANENT ROADWAYS/DRIVEWAYS SHALL BE ROUGHLY GRADED.
8. THE UNDERGROUND UTILITIES INFRASTRUCTURE AND STORMWATER PIPING SYSTEM SHALL BE INSTALLED. ANY DE-WATERING (PUMPED) SHALL BE DIVERTED TO THE ASSOCIATED STORMWATER MANAGEMENT FACILITY(S).
9. THE PERMANENT ROADWAY/DRIVEWAY SUBGRADE SHALL BE COMPACTED, A LIMEROCK BASE SHALL BE ESTABLISHED, AND THEN FOLLOWED BY AN OVERLAY OF ASPHALT.
10. UPON SIGNIFICANT COMPLETION OF CONSTRUCTION, THE STORMWATER PIPING SYSTEM SHALL BE FLUSHED OUT TO REMOVE ACCUMULATED DEBRIS AND SEDIMENT.
11. ALL REMAINING DISTURBED AREAS WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY GRASSED AND/OR LANDSCAPED ACCORDING TO THESE PLANS. GRASS SEEDING RATES AND MIXTURES SHALL BE PER THE FDOT INDEX NO. 104. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS.

II. CONTROLS TO REDUCE POLLUTION

AS OUTLINED IN THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (SJRWMD) PERMIT, ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN A MANNER AS TO NOT VIOLATE STATE WATER QUALITY STANDARDS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED TO RETAIN SEDIMENT ON-SITE. IF SITE CONDITIONS ARE SUCH THAT ADDITIONAL CONTROL MEASURES ARE REQUIRED OTHER THAN WHAT IS SPECIFIED IN THE PLANS, THEN THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL BEST MANAGEMENT PRACTICES. THESE MEASURES MUST BE INSPECTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PHASE AND UNTIL AS DIRECTED BY THESE PLANS.

III. MAINTENANCE

THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE, INSPECTION SCHEDULE, AND REPAIRS OF THE SYSTEM. MAINTENANCE SHALL CONTINUE THROUGHOUT THE PROJECT UNTIL WORK IS COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER CONSTRUCTION IS COMPLETE. THE CONTRACTOR SHALL INITIATE ANY REPAIRS WITHIN 24 HOURS OF BEING REPORTED. IN THE EVENT THAT THE SMF(S) DO NOT PERFORM PROPERLY OR IF A SINKHOLE DEVELOPS, THE PROJECT ENGINEER SHALL BE NOTIFIED TO ASSIST IN COORDINATING REMEDIAL ACTION. ACCUMULATED SEDIMENT SHALL BE REMOVED FROM SILT FENCING WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE SILT FENCE. UPON FINAL COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY THE CITY, THE OPERATION AND MAINTENANCE ENTITY WILL BE "SOUTHEASTERN HEALTHCARE FOUNDATION, INC".

PERVIOUS PAVEMENT (DECORATIVE CONCRETE) SHALL NOT BE USED FOR MATERIAL STORAGE AT ANY TIME. PAVEMENT SURFACE SHALL BE PROTECTED FROM ANY SEDIMENTATION OR TRACKING. ANY DEPOSITS SHALL BE REMOVED BY VACUUM TRUCK ONLY.

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SCALE: N/A
VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING
0 — 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
2/27/2023 - RESUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: GENERAL NOTES

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201
This item has been digitally signed and sealed by Walker Fain Owen, PE on the date indicated here.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

FL PE No. 94201

SHEET NO.: C0.10

ABBREVIATIONS

SYMBOLS	
'	FEET (WHEN USED WITH LENGTHS)
°	DEGREES
'	MINUTES (WHEN USED WITH ANGLES)
"	SECONDS
%	PERCENT
@	AT
A	
AASHTO	ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AC	ACRES
ADA	AMERICAN WITH DISABILITIES ACT
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ARCH	ARCHITECT
ARV	AIR RELEASE VALVE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION
B	
BC	BACK OF CURB
BFP	BACKFLOW PREVENTER
BLDG	BUILDING
BM	BENCHMARK
BMP	BEST MANAGEMENT PRACTICE
BOC	BACK OF CURB
BVCS	BEGIN VERTICAL CURVE STATION
BVCE	BEGIN VERTICAL CURVE ELEVATION
BW	BOTTOM OF WALL
BSL	BUILDING SETBACK LINE
C	
CATV	CABLE TELEVISION
CI	CURB INLET
CIP	CAST IRON PIPE
CLDIP	CEMENT LINE DUCTILE IRON PIPE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
COORD	COORDINATE
CR	COUNTY ROAD
C/O	CLEANOUT
D	
DBH	DIAMETER AT BREAST HEIGHT
DE	DRAINAGE EASEMENT
DEG	DEGREE
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
E	
e	RATE OF ELEVATION
E	EAST
EA	EACH
EL	ELEVATION
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EOR	ENGINEER OF RECORD
ERCP	ELLIPTICAL REINFORCED CONCRETE PIPE
ESMT	EASEMENT
EVCS	END VERTICAL CURVE STATION
EVCE	END VERTICAL CURVE ELEVATION
EX	EXISTING
F	
FAC	FLORIDA ADMINISTRATIVE CODE
FBR	FLORIDA BEARING RATIO
FC	FRICTION COURSE
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FHWA	FLORIDA HIGHWAY ADMINISTRATION
FIG	FIGURE
FM	FORCE MAIN
FOC	FACE OF CURB
FS	FLORIDA STATUTES
FT	FEET
G	
GALV	GALVANIZED
GM	GAS MAIN
GV	GATE VALVE
H	
HDPE	HIGH DENSITY POLYETHYLENE
HP	HIGH POINT
I	
ID	IDENTIFICATION
INV	INVERT
INV EL	INVERT ELEVATION
IP	IRON PIPE
K	
K	VERTICAL CURVE RATE OF CHANGE
L	
L	LENGTH
LA	LANDSCAPE ARCHITECT
LBR	LIMEROCK BEARING RATIO
LDR	LAND DEVELOPMENT REGULATION
LF	LINEAR FEET
LP	LOW POINT
LT	LEFT
M	
MAX	MAXIMUM
ME	MATCH EXISTING
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
N	
N	NORTH
N-E	NORTHING - EASTING
N/A	NOT APPLICABLE
NAVD	NORTH AMERICAN VERTICAL DATUM OF 1988
NGVD	NATIONAL GEODETIC VERTICAL DATUM OF 1929
NO	NUMBER
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
NTS	NOT TO SCALE
O	
OC	ON CENTER
OHW	OVERHEAD WIRE
ORB	OFFICIAL RECORDS BOOK
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
P	
PAVT	PAVEMENT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVE
PE	POLYETHYLENE
PERF	PERFORATED
PROP	PROPOSED
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PUE	PUBLIC UTILITY EASEMENT
PVI	POINT OF VERTICAL INTERSECTION
R	
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RPM	RAISED REFLECTIVE PAVEMENT MARKER
RPZ	REDUCED PRESSURE ZONE
RT	RIGHT
RWM	RECLAIMED WATER MAIN
R/W	RIGHT-OF-WAY
S	
S	SOUTH
SAN	SANITARY
SHWE	SEASONAL HIGH WATER ELEVATION
SF	SILT FENCE
SL	SLOPE
SP	SUPERPAVE
SR	STATE ROAD
SS	SANITARY SEWER
ST	STORM
STA	STATION
STD	STANDARD
T	
TB	TREE BARRICADE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TEMP	TEMPORARY
TOB	TOP OF BANK
TV	TELEVISION
TW	TOP OF WALL
TYP	TYPICAL
U	
USF	UNITED STATES FOUNDRY
USGS	UNITED STATES GEOLOGICAL SURVEY
UTIL	UTILITY
V	
V	VERTICAL
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
W	
W	WEST
W	WATER
W/	WITH
WM	WATER MAIN
WW	WASTEWATER
WWF	WELDED WIRE FABRIC

SIGNAGE

SIGNS ARE PER FDOT SPECIFICATIONS OR PER MUTCD. SIGN POSTS AND INSTALLATION SHALL BE PER FDOT INDEX NO. 700-010. SIGN PLACEMENT SHALL BE PER FDOT INDEX NO. 700-101.

- FTP-20-06 (12" X 18") PER FDOT INDEX NO. 700-102
- R1-1 "STOP" - SEE PLANS FOR SIZE

SITE INFORMATION

- EX. PROPERTY LINE
- LANDSCAPE BUFFER LINE
- BUILDING SETBACK LINE
- WETLAND LIMITS LINE
- WETLAND SETBACK LINE
- CENTER LINE
- EASEMENT LINE
- RIGHT-OF-WAY LINE
- SF — SF: SILT FENCE LINE
- TB — TB: TREE BARRICADE LINE
- EX. STRUCTURE OR BUILDING
- PROPOSED BUILDING
- PROPOSED ASPHALTIC PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- PROPOSED DETECTABLE WARNING SURFACE
- DIRECTIONAL TRAFFIC ARROW PER FDOT INDEX NO. 17346
- WATERSHED DIVIDE
- 99: EX. ELEVATION CONTOUR
- 99: PROPOSED CONTOUR
- 93.2×: EX. SPOT ELEVATION
- 93.23: PROPOSED SPOT ELEVATION
- DIRECTION OF SURFACE DRAINAGE FLOW
- PROPOSED SWALE LINE
- X — X: EX. FENCE
- PROPOSED FENCE
- 12" PINE: EX. TREE (SIZE & TYPE)
- 1234: EX. TREE (TREE ID)
- 12" PINE: EX. TREE TO BE REMOVED (SIZE & TYPE)
- 1234: EX. TREE TO BE REMOVED (TREE ID)
- PROJECT BENCHMARK

STORMWATER

THE PROPOSED STORMWATER STRUCTURES DEPICTED BELOW ARE DRAWN PER FDOT SPECIFICATIONS AND TO SCALE WHEN SHOWN ON THE PLAN SHEETS.

- ST — ST: EX. GRAVITY STORMWATER MAIN
- P–ST: PROPOSED GRAVITY STORMWATER MAIN (PIPE LENGTHS ARE FROM N-E LOCATION OF A STRUCTURE TO N-E LOCATION OF A STRUCTURE)
- EX. STORMWATER MANHOLE
- (N-E LOCATION, TOP/RIM ELEV. LOCATION) PROPOSED 48" DIA. STORMWATER MANHOLE PER FDOT INDEX. NO. 425-001 AND 425-010
- (N-E LOCATION, TOP/GRATE ELEV. LOCATION) PROPOSED CIRCULAR AREA DRAIN
- (N-E LOCATION, TOP/GRATE ELEV. LOCATION) PROPOSED SQUARE AREA DRAIN
- (N-E LOCATION, TOP ELEV. LOCATION) PROPOSED TYPE 1 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP ELEV. LOCATION) PROPOSED TYPE 2 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP ELEV. LOCATION) PROPOSED TYPE 3 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP ELEV. LOCATION) PROPOSED TYPE 4 CURB INLET TOP PER FDOT INDEX NO. 425-020 (SEE PLANS FOR BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP ELEV. LOCATION) PROPOSED TYPE 5 CURB INLET TOP PER FDOT INDEX NO. 425-021 (SEE PLANS FOR BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP ELEV. LOCATION) PROPOSED TYPE 6 CURB INLET TOP PER FDOT INDEX NO. 425-021 (SEE PLANS FOR BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP/GRATE ELEV. LOCATION) PROPOSED TYPE 9 CURB INLET TOP PER FDOT INDEX NO. 425-024 (SEE PLANS FOR BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP/GRATE ELEV. LOCATION) PROPOSED TYPE 'C' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP/GRATE ELEV. LOCATION) PROPOSED TYPE 'D' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP/GRATE ELEV. LOCATION) PROPOSED TYPE 'E' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP/GRATE ELEV. LOCATION) PROPOSED TYPE 'F' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 425-053 (SEE PLANS FOR BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP/GRATE ELEV. LOCATION) PROPOSED TYPE 'G' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 425-053 (SEE PLANS FOR BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP/GRATE ELEV. LOCATION) PROPOSED TYPE 'H' DITCH BOTTOM INLET TOP PER FDOT INDEX NO. 425-052 (SEE PLANS FOR GRATE MATERIAL AND BOTTOM SPECIFICATION)
- (N-E LOCATION, TOP/GRATE ELEV. LOCATION) PROPOSED TYPE 'J' DITCH BOTTOM INLET TOP WITH STEEL GRATE PER FDOT INDEX NO. 425-054 (SEE PLANS FOR BOTTOM SPECIFICATION)
- (PIPE INV. LOCATION, N-E LOCATION) PROPOSED U-TYPE CONCRETE ENDWALLS WITH GRATES PER FDOT INDEX NO. 430-010 (SEE PLANS FOR SIZE)
- (N-E LOCATION, INV. ELEV. LOCATION) PROPOSED FLARED END SECTION PER FDOT INDEX NO. 430-020 (SEE PLANS FOR SIZE)
- (N-E LOCATION, PIPE INV. ELEV. LOCATION) PROPOSED CROSS DRAIN MITERED END SECTION PER FDOT INDEX NO. 430-021 (SEE PLANS FOR SIZE)
- (N-E LOCATION, PIPE INV. ELEV. LOCATION) PROPOSED SIDE DRAIN MITERED END SECTION PER FDOT INDEX NO. 430-022 (SEE PLANS FOR SIZE)
- S-10: PROPOSED STORMWATER STRUCTURE ID TAG

POTABLE AND RECLAIMED WATER

- W — W: EX. POTABLE WATER MAIN
- P–W: PROPOSED POTABLE WATER MAIN
- RCW — RCW: EX. RECLAIMED WATER MAIN
- P–RCW: PROPOSED RECLAIMED WATER MAIN
- 11.25° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)
- 22.5° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)
- 45° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)
- 90° BEND W/ MECHANICALLY RESTRAINED JOINTS (POTABLE AND RCW)
- TEE (POTABLE AND RCW)
- CROSS (POTABLE AND RCW)
- BLOWOFF ASSEMBLY (POTABLE AND RCW)
- REDUCER (POTABLE AND RCW)
- EX. GATE VALVE AND BOX (POTABLE AND RCW)
- PROPOSED GATE VALVE AND BOX (POTABLE AND RCW)
- EX. AIR RELEASE VALVE (POTABLE AND RCW)
- PROPOSED AIR RELEASE VALVE (POTABLE AND RCW)
- EX. FIRE HYDRANT ASSEMBLY
- PROPOSED FIRE HYDRANT ASSEMBLY
- PROPOSED SAMPLE POINT
- EX. WATER METER (POTABLE AND RCW)
- PROPOSED POTABLE WATER METER
- PROPOSED POTABLE WATER BACK FLOW PREVENTER
- PROPOSED RECLAIMED WATER METER
- EX. WATER WELL
- EX, HOSE BIB (POTABLE AND RECLAIMED)
- PROPOSED HOSE BIB (POTABLE AND RECLAIMED)
- 11: PROPOSED FITTING ID TAG (POTABLE AND RECLAIMED)

WASTEWATER

- WW — WW: EX. GRAVITY WASTEWATER MAIN
- P–WW: PROPOSED GRAVITY WASTEWATER MAIN (PIPE LENGTHS ARE FROM N-E LOCATION OF A STRUCTURE TO N-E LOCATION OF A STRUCTURE)
- FM — FM: EX. WASTEWATER FORCE MAIN
- P–FM: PROPOSED WASTEWATER FORCE MAIN
- EX. WASTEWATER MANHOLE
- (N-E LOCATION, RIM ELEV. LOCATION) PROPOSED WASTEWATER MANHOLE
- EX. WASTEWATER CLEANOUT
- PROPOSED WASTEWATER CLEANOUT
- PROPOSED WASTEWATER GREASE TRAP
- MH#: PROPOSED WASTEWATER MANHOLE ID
- 11.25° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
- 22.5° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
- 45° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
- 90° BEND W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
- WYE W/ MECHANICALLY RESTRAINED JOINTS (WW FORCE MAIN)
- EX. PLUG VALVE AND BOX (WW FORCE MAIN)
- PROPOSED PLUG VALVE AND BOX (WW FORCE MAIN)
- EX. AIR RELEASE VALVE (WW FORCE MAIN)
- PROPOSED AIR RELEASE VALVE (WW FORCE MAIN)

MISCELLANEOUS UTILITIES

THE PROPOSED UTILITIES BELOW ARE DESIGN BY OTHERS AND ARE DEPICTED FOR COORDINATION PURPOSES ONLY. REFER TO PLANS BY OTHERS FOR EXACT LOCATIONS, DIMENSION, AND DETAILS.

- P–ATT: PROPOSED AT&T LINE
- BC — BC: EX. BURIED CABLE LINE
- P–BC: PROPOSED BURIED CABLE LINE
- BTEL: EX. BURIED TELEPHONE LINE
- P–TEL: PROPOSED TELEPHONE LINE
- CATV: EX. CABLE TELEVISION LINE
- P–TV: PROPOSED CABLE/TELEVISION LINE
- FO — FO: EX. FIBER OPTIC LINE
- UGTEL: EX. UNDERGROUND TELEPHONE LINE
- te: EX. TELEPHONE PEDESTAL
- EX. TELEVISION/CABLE PEDESTAL
- CHW — CHW: EX. CHILLED WATER MAIN
- P–CHW: PROPOSED CHILLED WATER MAIN
- FIRE: EX. FIRE MAIN
- P–FIRE: PROPOSED FIRE MAIN
- IRR — IRR: EX. IRRIGATION LINE
- P–IRR: PROPOSED IRRIGATION LINE
- STEAM: EX. STEAM LINE
- P–STEAM: PROPOSED STEAM LINE
- P–CLAY: PROPOSED CLAY ELECTRIC LINE
- E — E: EX. ELECTRIC LINE
- P–E: PROPOSED ELECTRIC LINE
- EN — EN: EX. ENERGY LINE
- P–LIGHT: PROPOSED PRIVATE LIGHTING LINE
- OHW — OHW: EX. OVERHEAD WIRE LINE
- UGE — UGE: EX. UNDERGROUND ELECTRIC LINE
- EX. LIGHT
- EX. UTILITY POLE
- EX. UTILITY POLE
- EX. WOOD POWER POLE
- EX. GUY ANCHOR
- T: PROPOSED TRANSFORMER
- GAS — GAS: EX. GAS LINE
- P–GAS: PROPOSED GAS LINE
- EX. GAS MARKER
- G: EX. GAS MARKER

NOTES:
1. THIS LEGEND IS ALL INCLUSIVE AND MAY INCLUDE ITEMS NOT A PART OF THIS PLAN SET.

2. SYMBOLS SHOWN ON THIS SHEET ARE FOR ILLUSTRATIVE PURPOSES ONLY. UNLESS NOTED OTHERWISE, SYMBOLS IN THESE PLANS MAY NOT BE REPRESENTATIVE OF SIZE.

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SCALE: N/A
VERIFY SCALE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
2/27/2023 - RESUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: LEGEND

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN
Walker Fain Owen, State of Florida, Professional Engineer, License No. 94201
This item has been digitally signed and sealed by Walker Fain Owen, PE on the date indicated here.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
FL PE No. 94201

SHEET NO.: C0.11

Tech: kurtm Plot Date: May 08,2023 9:22am Filename: N:\2021\21-0295\departments\04_engineering\02_DWGs\production files .05\21-0295.05 C0.11 LG Eastside Infrastructure.dwg

I. INTRODUCTION

THIS DOCUMENT WAS PREPARED IN ORDER TO ILLUSTRATE COMPLIANCE WITH CHAPTER 62-621.300 (4) OF THE FLORIDA ADMINISTRATIVE CODE, WHICH PERTAINS TO THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THE ADMINISTRATIVE CODE GRANTS THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) THE AUTHORITY TO REGULATE POINT SOURCE DISCHARGE OF STORMWATER FROM CONSTRUCTION SITES. THIS DOCUMENT ESTABLISHES A STORMWATER POLLUTION PREVENTION PLAN FOR THE SITE USING STANDARD PRACTICE AND BEST MANAGEMENT PRACTICES (BMPs) AND IS ORGANIZED TO CORRESPOND TO 62-621.300(4)(a) GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES FDEP FORM 62-621.300(4)(b) IS TO BE SUBMITTED IN CONJUNCTION WITH THIS DOCUMENT. CONTRACTOR(S) MUST FILL IN THE ACTIVITIES SEQUENCE (SECTION ii. B. BELOW) AND SIGN THIS SHEET (REFER TO SIGNATURE TABLE THIS SHEET) AND RETAIN THIS SHEET AND ALL FOLLOWING SWPPP SHEETS ON SITE. ALTERNATIVELY, CONTRACTOR(S) MAY PREPARE AND SIGN THEIR OWN SWPP PLAN MEETING THE REQUIREMENTS. IF THE SITE OR CONTRACTOR ACTIVITIES REQUIRE ANY BMPs THAT ARE NOT DESCRIBED ON THIS SHEET, THE CONTRACTOR MUST PREPARE AN ALTERNATIVE OR ADDITIONAL SWPPP DOCUMENT CONTAINING THE NECESSARY BMPs.

II. SITE DESCRIPTION

COUNTY:	ALACHUA COUNTY, FLORIDA
SECTION, TOWNSHIP, RANGE:	SECTION 03, TOWNSHIP 10 SOUTH, RANGE 20 EAST
COUNTY PARCEL NO.:	11299-000-000, 11338-000-000, AND 11339-000-000
STREET ADDRESS:	BETWEEN SE 8TH AVE. AND SE HAWTHORNE RD., ADJACENT TO THE GAINESVILLE TECHNOLOGY ENTREPRENEURSHIP FACILITY
PROJECT AREA:	10.03 ACRES
SITE LOCATION MAP:	SEE COVER SHEET OF CONSTRUCTION DRAWINGS

A. NATURE OF CONSTRUCTION ACTIVITY

THE PROPOSED DEVELOPMENT IS THE CONSTRUCTION OF ROADWAY INFRASTRUCTURE FROM SE 8TH AVE TO SE HAWTHORNE RD, WITH A PORTION RUNNING EAST AND WEST TO THE EASTERN AND WESTERN PARCEL BOUNDARIES. THE PROJECT ALSO INCLUDES THE CONSTRUCTION OF SIDEWALKS, UTILITY INFRASTRUCTURE, AND TWO STORMWATER MANAGEMENT FACILITIES THE PROJECT SITE IS LOCATED AT BETWEEN SE 8TH AVE. AND SE HAWTHORNE RD., ADJACENT TO THE GAINESVILLE TECHNOLOGY ENTREPRENEURSHIP FACILITY, GAINESVILLE FLORIDA. THE PROJECT SITE TOTAL AREA IS APPROXIMATELY 10.03 ACRES.

B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES - CONTRACTOR MUST FILL IN DAYS

DAYS

FROM______TO______ PRIOR TO CONSTRUCTION, SILT FENCING AND TREE PROTECTION FENCING SHALL BE INSTALLED AND ALL EXISTING STORM DRAINAGE SWALE AND INLETS SHALL BE PROTECTED IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, DATED JULY 2013, AND THESE PLANS.

FROM______TO______ THE CONSTRUCTION SERVICE ENTRANCE SHALL BE STABILIZED TO MINIMIZE THE CREATION OF DUST AND OFF-SITE TRACKING OF SEDIMENTS.

FROM______TO______ ONLY THE AREA COMPRISING THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED OF UNWANTED VEGETATION.

FROM______TO______ THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CONSTRUCTED.

FROM______TO______ IF SUITABLE, THE EXCAVATED SOIL FROM THE FACILITY(S) MAY BE USED AS FILL FOR ON-SITE GRADING THAT IS DEPICTED IN THESE CONSTRUCTION PLANS. THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL ON-SITE OR OFF-SITE TO A PERMITTED LOCATION.

FROM______TO______ THE REMAINING PORTION OF THE SITE THAT IS TREATED BY THE CONSTRUCTED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED.

FROM______TO______ THE PERMANENT ROADWAYS/DRIVEWAYS SHALL BE ROUGHLY GRADED.

FROM______TO______ THE UNDERGROUND UTILITIES INFRASTRUCTURE AND STORMWATER PIPING SYSTEM SHALL BE INSTALLED. ANY DE-WATERING (PUMPED) SHALL BE DIVERTED TO THE ASSOCIATED STORMWATER MANAGEMENT FACILITY(S).

FROM______TO______ THE PERMANENT ROADWAY/DRIVEWAY SUBGRADE SHALL BE COMPACTED, A LIMEROCK BASE SHALL BE ESTABLISHED, AND THEN FOLLOWED BY AN OVERLAY OF ASPHALT.

FROM______TO______ UPON SIGNIFICANT COMPLETION OF CONSTRUCTION, THE STORMWATER PIPING SYSTEM SHALL BE FLUSHED OUT TO REMOVE ACCUMULATED DEBRIS AND SEDIMENT.

FROM______TO______ ALL REMAINING DISTURBED AREAS WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY GRASSED AND/OR LANDSCAPED ACCORDING TO THESE PLANS. TURF ESTABLISHMENT SHALL BE PER FDOT STANDARD SPECIFICATIONS SECTION 570. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS.

C. SITE DEVELOPMENT DATA:

TOTAL PROJECT SITE AREA:	10.03 ACRES
TOTAL SITE AREA TO BE DISTURBED:	10.03 ACRES
TOTAL PROPOSED IMPERVIOUS AREA (AS SHOWN IN CONSTRUCTION DRAWINGS):	2.50 ACRES
TOTAL DETENTION VOLUME:	7.72 ACRE-FEET
TOTAL OPEN AREA:	7.53 ACRES

D. SOIL CONDITIONS AND STORMWATER QUALITY

THE NRCS DATA FOR THE SITE REVEALS THAT THE SITE SOILS ARE COMPRISED OF POMPANO SAND, MILLHOPPER-URBAN LAND COMPLEX, WAUCHULA-URBAN LAND COMPLEX, AND MYAKKA-MYAKKA WET SANDS. GSE ENGINEERING & CONSULTING, INC. CONDUCTED TWO GEOTECHNICAL EXPLORATIONS OF THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) LOCATIONS. THE FIRST DATED JUNE 2022, THE SECOND DATED MARCH OF 2023. THE INVESTIGATIONS REVEALED THAT THE PROJECT SITE'S SURFACE SOILS HAVE THE FOLLOWING CHARACTERISTICS:

DEPTH TO SEASONAL HIGH WATER TABLE:	2.30 FEET
DEPTH TO SEASONAL LOW WATER TABLE:	5.00 FEET

STORMWATER MANAGEMENT FACILITY 2 AND STORMWATER MANAGEMENT FACILITY 3 ARE A COMBINED WET DETENTION SYSTEM CONNECTED VIA EQUALIZER PIPE DESIGNED TO PROVIDE RATE CONTROL AND WATER QUALITY TREATMENT OF THE STORMWATER RUNOFF RESULTING FROM THE POST-DEVELOPMENT SITE UNDER 100-YEAR CRITICAL STORM EVENT RAINFALL CONDITIONS. THE STORMWATER POLLUTION PREVENTION PLANS (C0.21-C0.22) DEPICTS THE POST-DEVELOPMENT WATERSHED(S) LIMITS AND THE TABLE BELOW SUMMARIZES EACH WATERSHED. FUTURE IMPERVIOUS WITHIN EACH WATERSHED HAS BEEN INCLUDED IN THE TABLE BELOW BUT WILL BE PERMITTED UNDER SEPARATE COVER AT A LATER DATE PRIOR TO CONSTRUCTION.

WATERSHED ID	POST DEVELOPMENT AREA (ACRES)	POST DEVELOPMENT RUNOFF FACTOR (CN)	POST DEVELOPMENT IMPERVIOUS AREA (ACRES)	STORMWATER MANAGEMENT FACILITY TYPE	FACILITY DETENTION CAPACITY (ACRE-FEET)	100-YEAR FLOOD ELEVATION (FT)
POST DA-2	7.58	73	2.40	WET DETENTION	7.72	130.94
POST DA-3	4.21	88	2.11	WET DETENTION	7.72	130.94
POST DA-4	4.87	95	2.85	WET DETENTION	7.72	130.94

E. SITE MAP

PLEASE SEE THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) FOR DETAILS.

F. STORMWATER OUTFALL LOCATION AND RECEIVING WATER BODY

TWO OUTFALL STRUCTURES ARE ASSOCIATED WITH STORMWATER MANAGEMENT FACILITY 3. THE FIRST OUTFALL STRUCTURE IS LOCATED AT THE WESTERN PORTION OF STORMWATER MANAGEMENT FACILITY 3 (29°38'42.2" N, 82°17'57.2" W). THE SECOND OUTFALL STRUCTURE IS LOCATED AT THE EASTERN PORTION OF STORMWATER MANAGEMENT FACILITY 3 (29°38'42.4" N, 82°17'53.8" W). THE ASSOCIATED RECEIVING WATER BODY IS CALF CREEK.

III. CONTROLS TO REDUCE POLLUTION

AS OUTLINED IN THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (SJRWMD) PERMIT, ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN A MANNER AS TO NOT VIOLATE STATE WATER QUALITY STANDARDS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED TO RETAIN SEDIMENT ON-SITE. IF SITE CONDITIONS ARE SUCH THAT ADDITIONAL CONTROL MEASURES ARE REQUIRED OTHER THAN WHAT IS SPECIFIED IN THE EROSION AND SEDIMENTATION CONTROL PLAN, THEN THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL BEST MANAGEMENT PRACTICES. THESE MEASURES MUST BE INSPECTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PHASE AND UNTIL AS DIRECTED BY THESE PLANS. THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) AND SECTION IV BELOW PROVIDE DETAILS ON THE SPECIFIC CONTROL MEASURES TO REDUCE STORMWATER POLLUTION.

IV. EROSION AND SEDIMENT CONTROLS

A. STABILIZATION PRACTICES

EXISTING TREES AND NATURAL VEGETATION TO REMAIN ON-SITE SHALL BE PROTECTED BY TREE BARRICADE FENCING AS DEPICTED ON THE STORMWATER POLLUTION PREVENTION PLANS (C0.21-C0.22). TYPE III SILT FENCING SHALL PROTECT ALL DRAINAGE STRUCTURES AND SHALL BUFFER AREAS WITH POTENTIAL TO CONTRIBUTE OFF-SITE RUNOFF AND AS SPECIFICALLY DEPICTED ON THE STORMWATER POLLUTION PREVENTION PLAN (C0.21). STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION HAS TEMPORARILY OR PERMANENTLY CEASED. AS SPECIFIED IN SECTION II.B. ABOVE, UPON COMPLETION OF CONSTRUCTION, ALL STORMWATER MANAGEMENT FACILITIES SHALL BE SCRAPED CLEAN OF ACCUMULATED SEDIMENT AFTER THE COMPLETION OF CONSTRUCTION. ALL TURF ESTABLISHMENT SHALL BE PERFORMED MEETING THE REQUIREMENTS OF SECTION 570 OF THE STANDARD SPECIFICATIONS. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO FINAL RELEASE.

B. STRUCTURE PRACTICES

AS DEPICTED IN THE STORMWATER POLLUTION PREVENTION PLAN (C0.21-C0.22), A STORMWATER MANAGEMENT SYSTEM WILL BE CONSTRUCTED AND WILL BE COMPRISED OF A WET DETENTION FACILITY AND A STORM PIPE CONVEYANCE SYSTEM. TO PREVENT EROSION DURING CONSTRUCTION, TYPE III SILT FENCING WILL BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLANS. ALL EXISTING AND PROPOSED STORM DRAINS AND DRAINAGE SWALES SHALL BE PROTECTED ACCORDING TO THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, DATED JULY 2013 OR PER DETAILS PROVIDED ON SHEET C0.21 UNTIL CONSTRUCTION IS COMPLETE. THE STORM PIPE CONVEYANCE SYSTEM SHALL BE FLUSHED OUT TO REMOVE ALL ACCUMULATED DEBRIS AND SEDIMENT UPON COMPLETION OF CONSTRUCTION.

C. DRAINAGE LOCATIONS THAT SERVE AREAS WITH GREATER THAN 10 DISTURBED ACRES

AS SPECIFIED IN THE "SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES," THE SMF(S) WILL BE CONSTRUCTED PRIOR TO CLEARING AND GRUBBING OUTSIDE OF THE SMF(S) AREAS AND CONSTRUCTION OF THE PERMANENT PAVED AREAS. THE TOTAL CONTRIBUTING DRAINAGE AREA TO THE STORMWATER MANAGEMENT SYSTEM IS APPROXIMATELY 16.66 ACRES AND WILL CONSIST OF APPROXIMATELY 10.03 ACRES OF DISTURBED CONSTRUCTION AREA. THEREFORE, NO ADDITIONAL SEDIMENT TRAP BASINS ARE NECESSARY TO PROVIDE SEDIMENT STORAGE ON-SITE DURING CONSTRUCTION. AS SHOWN ON THE STORMWATER POLLUTION PREVENTION PLAN (C0.21), THE PROPOSED STORMWATER MANAGEMENT SYSTEM WILL PREVENT OFF-SITE EROSION DURING CONSTRUCTION. SILT FENCES OR EQUIVALENT SEDIMENT CONTROLS SHALL BE INSTALLED AT SIDE SLOPE AND DOWN SLOPE BOUNDARIES, INLET LOCATION, OUTLET LOCATIONS, AND OTHER LOCATIONS AS SHOWN ON THE STORMWATER POLLUTION PREVENTION PLAN, AS REQUIRED. BY COMPLETION OF CONSTRUCTION, THE SIDE SLOPES, SWALES, AND ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AND LANDSCAPING AS SPECIFIED ON THE CONSTRUCTION DRAWINGS.

V. STORMWATER MANAGEMENT

A. BEST MANAGEMENT PRACTICES

AFTER CONSTRUCTION, THE STORMWATER MANAGEMENT SYSTEM SHALL BE MAINTAINED IN ACCORDANCE WITH THE SPECIFIED STORMWATER MAINTENANCE NOTES IN THE INCLUDED CONSTRUCTION DRAWINGS AND/OR RESPECTIVE MAINTENANCE REPORTS. SPECIFICALLY, THE PROPOSED SMF(S) SHALL BE MOWED REGULARLY IN THE SPECIFIED AREAS, STORM PIPES AND STRUCTURES WILL BE INSPECTED SEMI-ANNUALLY AND CLEANED ANNUALLY, SMF(S) SIDE SLOPES SHALL BE MAINTAINED TO PREVENT EROSION, AND LANDSCAPING AND GRASS THAT PREVENTS EROSION SHALL BE MAINTAINED. ADDITIONALLY, REMEDIAL ACTIONS SHALL BE TAKEN SHOULD THE SMF(S) NOT PERFORM AS DESIGNED.

B. VEGETATED SWALES

WHEN VEGETATED SWALES ARE UTILIZED, SILT FENCING OR EQUIVALENT SEDIMENT CONTROLS SHALL BE INSTALLED AT ADEQUATE INTERVALS TO COLLECT SEDIMENT ALONG THE SWALE. THE SEDIMENT SHALL BE REMOVED WHEN SEDIMENT REACHES ONE-THIRD OF THE HEIGHT OF THE SILT FENCING. SEE THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) FOR DETAILS AND LOCATIONS, AS REQUIRED.

C. VELOCITY DISSIPATION DEVICES AT DISCHARGE POINTS

WHEN DISCHARGE POINTS ARE NOT LOCATED UNDER WATER, RIP RAP PADS HAVE BEEN PROVIDED AT LOCATIONS WHERE NECESSARY DUE TO ANTICIPATED DISCHARGE VELOCITIES. PLEASE SEE THE CONSTRUCTION PLANS FOR DETAILS AND LOCATIONS, AS NEEDED.

VI. CONTROLS FOR OTHER POTENTIAL POLLUTANTS

A. WASTE DISPOSAL

THE CONTRACTOR SHALL PROVIDE LITTER COLLECTION CONTAINERS WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION. CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIALS AND CONSTRUCTION DEBRIS IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS.

B. DUST CONTROL

TO PREVENT OFF-SITE VEHICULAR TRACKING OF SEDIMENTS AND DUST GENERATION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE ESTABLISHED BY THE SITE CONTRACTOR. PLEASE SEE THE STORMWATER POLLUTION PREVENTION PLAN (C0.21) FOR DETAILS AND LOCATION(S).

C. EXISTING VERSUS PROPOSED POTABLE AND SANITARY SEWER SYSTEMS

THERE ARE EXISTING SANITARY SEWER AND POTABLE WATER SYSTEMS LOCATED NEAR THE PROJECT SITE. EXTENSION AND UPGRADES ARE PROPOSED. IF TEMPORARY SANITARY SYSTEMS ARE UTILIZED DURING CONSTRUCTION, THE CONTRACTOR SHALL PROPERLY CONTROL AND DISCHARGE ANY SANITARY WASTE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

D. FERTILIZER & PESTICIDES

THE USE OF FERTILIZERS, HERBICIDES, AND PESTICIDES ON THE PROJECT SITE, WILL BE DIRECTED BY THE LANDSCAPE PLAN AND THE FDOT STANDARD SPECIFICATIONS SECTION 570, TO SUPPORT THE GROWTH OF THE PROPOSED VEGETATION. ESTABLISHING THIS VEGETATION WILL AID IN THE STABILIZATION OF THE PROJECT SITE AND REDUCE EROSION. APPLICATION RATES FOR THE FERTILIZERS, HERBICIDES, AND PESTICIDES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS TO GUARD AGAINST OVER-USE, WHICH CAN LEAD TO VIOLATIONS OF STATE WATER QUALITY STANDARDS.

E. TOXIC MATERIAL

THE CONSTRUCTION SITE WILL BE IN FULL COMPLIANCE WITH STATE AND FEDERAL REQUIREMENTS. A PLASTIC MAT, TAR PAPER, OR OTHER IMPERVIOUS MATERIAL SHALL BE PLACED UNDER AREAS WHERE TOXIC LIQUIDS ARE TO BE OPENED AND STORED.

F. HAZARDOUS MATERIALS

ALL HAZARDOUS MATERIALS SHALL BE STORED IN A SECURE LOCATION, UNDER COVER, AND IN APPROPRIATE TIGHTLY, SEALED CONTAINERS WHEN NOT IN USE. ALL PRODUCTS SHALL BE STORED IN AND USED FROM THE ORIGINAL CONTAINER WITH THE ORIGINAL PRODUCT LABEL. CONTAINERS MUST BE STORED IN A MANNER TO PROTECT THEM FROM THE ELEMENTS AND INCIDENTAL DAMAGE. THE MINIMUM PRACTICAL QUANTITY OF ALL SUCH MATERIALS SHALL BE KEPT ON THE JOB SITE AND SCHEDULED FOR DELIVERY AS CLOSE TO TIME OF USE AS PRACTICAL.

ALL PRODUCTS SHALL BE USED IN STRICT COMPLIANCE WITH THE INSTRUCTIONS ON THE PRODUCT LABEL.

SUFFICIENT EQUIPMENT AND/OR MATERIALS SHALL BE KEPT ONSITE TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIALS IN THE AREAS WHERE THESE MATERIALS ARE STORED OR USED. SPILL CONTROL AND CONTAINMENT KIT SUPPLIES SHALL BE OF SUFFICIENT QUANTITIES AND APPROPRIATE CONTENT TO CONTAIN A SPILL FROM THE LARGEST ANTICIPATED PIECE OF EQUIPMENT AND FROM THE LARGEST ANTICIPATED QUANTITIES OF PRODUCTS STORED ON THE SITE AT ANY GIVEN TIME.

CONTRACTOR TO CONTAIN AND CLEAN UP ANY SPILLS IMMEDIATELY AFTER THEY OCCUR. ANY SPILLS OF PETROLEUM PRODUCTS OR HAZARDOUS MATERIALS IN EXCESS OF REPORTABLE QUANTITIES AS DEFINED BY EPA, STATE, OR LOCAL AGENCY REGULATIONS SHALL BE REPORTED TO THE APPROPRIATE AGENCIES IN THE REQUIRED TIME FRAMES. THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE OWNER IMMEDIATELY UPON IDENTIFICATION OF ANY SPILL.

ALL EXCESS, USED, OR SPILLED PRODUCTS, INCLUDING CONTAMINATED SOIL, SHALL BE DISPOSED OF BY THE CONTRACTOR IN STRICT COMPLIANCE WITH INSTRUCTIONS ON THE PRODUCT LABEL AND ALL APPLICABLE REGULATIONS.

VII. APPROVED STATE AND LOCAL PLANS

THE CONSTRUCTION DRAWINGS FOR THE PROJECT WERE APPROVED AND PERMITTED BY THE FOLLOWING AGENCIES:

* CITY OF GAINESVILLE
* GAINESVILLE REGIONAL UTILITIES
* FLORIDA DEPARTMENT OF TRANSPORTATION
* ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
* FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

VIII. CONSTRUCTION ACTIVITY DISCHARGES

IN ACCORDANCE WITH THIS PLAN, DEWATERING IS ANTICIPATED WITH CONSTRUCTION ACTIVITIES.

IX. CHANGES TO THE POLLUTION PREVENTION PLAN

THIS STORMWATER POLLUTION PREVENTION PLAN SHALL BE AMENDED TO REFLECT ANY APPLICABLE CHANGE IN A STATE, REGIONAL, OR LOCAL PERMIT FOR WHICH THE PERMITTEE RECEIVES WRITTEN NOTICE. WHEN WRITTEN NOTICE IS RECEIVED, THE PERMITTEE SHALL PROVIDE A RE-CERTIFICATION OF THIS POLLUTION PREVENTION PLAN, WHICH HAS BEEN REVISED TO ADDRESS SUCH CHANGES. AMENDMENTS TO THE PLAN SHALL BE PREPARED, SIGNED, DATE, AND KEPT AS ATTACHMENTS TO THE ORIGINAL PLAN.

X. ALTERNATIVE PERMIT REQUIREMENTS

NO ALTERNATIVE PERMIT REQUIREMENTS ARE REQUESTED.

XI. MAINTENANCE

THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE, INSPECTION SCHEDULE, AND REPAIRS OUTLINED IN THIS PLAN. MAINTENANCE SHALL CONTINUE THROUGHOUT THE PROJECT UNTIL WORK IS COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER CONSTRUCTION IS COMPLETE. IN ADDITION TO THE TIMES MENTIONED IN THE PREVIOUS SECTIONS, THE CONTRACTOR SHALL INITIATE ANY REPAIRS WITHIN 24 HOURS OF BEING REPORTED. IN THE EVENT THAT THE SMF(S) DO NOT PERFORM PROPERLY OR IF A SINKHOLE DEVELOPS, THE PROJECT ENGINEER SHALL BE NOTIFIED TO ASSIST IN COORDINATING REMEDIAL ACTION. ACCUMULATED SEDIMENT SHALL BE REMOVED FROM SILT FENCING WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE SILT FENCE. UPON FINAL COMPLETION OF CONSTRUCTION AND ACCEPTANCE BY BOTH THE CITY AND OWNER, THE OPERATION AND MAINTENANCE ENTITY WILL BE "THE CITY OF GAINESVILLE CRA".

XII. INSPECTIONS

THE CONTRACTOR SHALL INSPECT ALL POINTS OF POTENTIAL DISCHARGE FROM THE PROJECT SITE FOR ALL DISTURBED AREAS ON THE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. FOR POINTS OF DISCHARGE INTO SURFACE WATERS OF THE STATE OR AN MS4, A QUALIFIED INSPECTOR (PROVIDED BY THE OPERATOR) SHALL PERFORM THE REQUIRED INSPECTIONS. THE CONTRACTOR SHALL INSTALL A RAIN GAUGE AT THE SITE TO MONITOR AND DOCUMENT RAINFALL EVENTS 0.50 INCHES OR GREATER. LOCATIONS WHERE THE SITE IS COMPLETELY CONSTRUCTED AND STABILIZED, SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE A MONTH. ALL INSPECTIONS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION FORM. THE CONTRACTOR MAY USE THEIR OWN FORM (MEETING FDEP SWPPP REQUIREMENTS) OR A SAMPLE FORM FROM FDEP. A SAMPLE CONSTRUCTION FORM IS AVAILABLE AT: "HTTPS://FLORIDADEP.GOV/WATER/STORMWATER/DOCUMENTS/CONSTRUCTION-SWPPP". MORE SPECIFICALLY, THE INSPECTION SHALL ENSURE THE FOLLOWING CATEGORIES.

A. DISTURBED AREAS

ALL DISTURBED AREAS AND AREAS USED FOR MATERIAL STORAGE SHALL BE INSPECTED FOR POLLUTANTS ENTERING THE STORMWATER SYSTEM. THE STORMWATER MANAGEMENT SYSTEM AND EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE INSPECTED TO ENSURE THEY ARE OPERATING CORRECTLY. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.

B. MAINTENANCE PERFORMANCE

BASED ON THE RESULTS OF THE INSPECTION, ALL MAINTENANCE OPERATIONS NEEDED TO ASSURE PROPER COMPLIANCE WITH THIS PLAN SHALL BE DONE IN A TIMELY MANNER, BUT IN NO CASE LATER THAN 7 DAYS FOLLOWING THE INSPECTION.

C. REPORTING REQUIREMENTS

ALL INSPECTIONS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION FORM. THIS FORM IS CREATED TO SUMMARIZE THE SCOPE OF THE INSPECTION, THE NAME(S) AND QUALIFICATION OF THE INSPECTOR(S), THE DATE OF INSPECTION, RAINFALL DATA, OBSERVATIONS, THE ACTIONS TAKEN TO CORRECT INCIDENTS OF NON-COMPLIANCE WITH THE PROVISIONS OF THIS PLAN. IF NO INCIDENTS OF NON-COMPLIANTS ARE OBSERVED, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE ASSOCIATED PERMIT.

XIII. NON-STORMWATER DISCHARGES

IN ADDITION TO STORMWATER RUNOFF, THIS PLAN APPLIES TO RUNOFF FROM IRRIGATION OPERATIONS AND CONSTRUCTION PRACTICES. THIS PLAN DOES NOT PERTAIN TO DISCHARGES FROM FIRE FIGHTING ACTIVITIES.

XIV. CONTRACTORS CERTIFICATION

THE CONTRACTORS OR SUB-CONTRACTORS SHALL PHOTOCOPY AND COMPLETE THE FORM ON THIS PAGE. IT SHALL BE PROVIDED TO THE OWNER AND KEPT ON FILE PURSUANT TO SECTION XV REGARDING PROJECT RECORDS.

XV. RETENTION OF RECORDS

THE PERMITTEE SHALL RETAIN COPIES OF STORMWATER POLLUTION PREVENTION PLANS AND ALL REPORTS REQUIRED BY THIS PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT, FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED.

THE PERMITTEE SHALL RETAIN A COPY OF THE STORMWATER POLLUTION PREVENTION PLAN AND ALL REPORTS, RECORDS, AND DOCUMENTATION REQUIRED BY THIS PERMIT AT THE CONSTRUCTION SITE, OR AN APPROPRIATE ALTERNATIVE LOCATION AS SPECIFIED IN THE NOTICE OF INTENT, FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.

XVI. NOTICE OF TERMINATION

NOTICE OF TERMINATION:

1. WHERE A SITE HAS BEEN FINALLY STABILIZED AND ALL STORMWATER DISCHARGES AUTHORIZED BY THIS PERMIT ARE ELIMINATED, THE PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION (DEP FORM 62-621.300(6)), SIGNED IN ACCORDANCE WITH PART VII.C OF DEP DOCUMENT NO. 62-621.300(4)(a), WITHIN 14 DAYS OF FINAL STABILIZATION OF THE SITE TO TERMINATE COVERAGE UNDER THIS PERMIT.
2. ELIMINATION OF STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY MEANS THAT ALL DISTURBED SOILS AT THE SITE HAVE BEEN FINALLY STABILIZED AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR WILL BE REMOVED AT AN APPROPRIATE TIME, OR THAT ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE SITE THAT ARE AUTHORIZED BY THIS GENERIC PERMIT HAVE OTHERWISE BEEN ELIMINATED.
3. FOR CONSTRUCTION ACTIVITIES WHERE THE OPERATOR CHANGES, THE EXISTING OPERATOR SHALL FILE AN N.O.T. IN ACCORDANCE WITH THIS PART WITHIN 14 DAYS OF RELINQUISHING CONTROL OF THE PROJECT TO A NEW OPERATOR.

THE PERMITTEE SHALL SUBMIT A NOTICE OF TERMINATION TO THE FOLLOWING ADDRESS:

NPDES STORMWATER NOTICES CENTER, MS# 2510
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

PROJECTS THAT DISCHARGED STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY TO A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) SHALL SUBMIT A COPY OF THE N.O.T. TO THE OPERATOR OF THE MS4.

Contractor/Subcontractor Certification Statement
Stormwater Pollution Prevention Plan

Site Name: Eastside/GTEC Infrastructure
Site Location: Between SE 8th Ave. and SE Hawthorne Rd.
Alachua County, Florida

THE CONTRACTOR(S) OR SUB-CONTRACTOR(S) RESPONSIBLE FOR COMPLYING WITH THIS STORMWATER POLLUTION PREVENTION PLAN SHALL SIGN THE CERTIFICATION STATEMENT BELOW. MULTIPLE COPIES OF THIS CERTIFICATION STATEMENT MAY BE NECESSARY DEPENDING ON THE NUMBER OF SUB-CONTRACTORS ASSOCIATED WITH THE PROJECT

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

DATE	RESPONSIBLE INDIVIDUAL'S NAME	RESPONSIBLE INDIVIDUAL'S SIGNATURE	TITLE	COMPANY NAME, ADDRESS, AND PHONE NUMBER

11801 Research Drive
Alachua, Florida 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-5075
CHW Professional Consultants

SCALE: N/A
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
2/27/2023 - RESUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: STORMWATER POLLUTION PREVENTION NOTES

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN
Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201
This item has been digitally signed and sealed by Walker Fain Owen, PE on the date indicated here.
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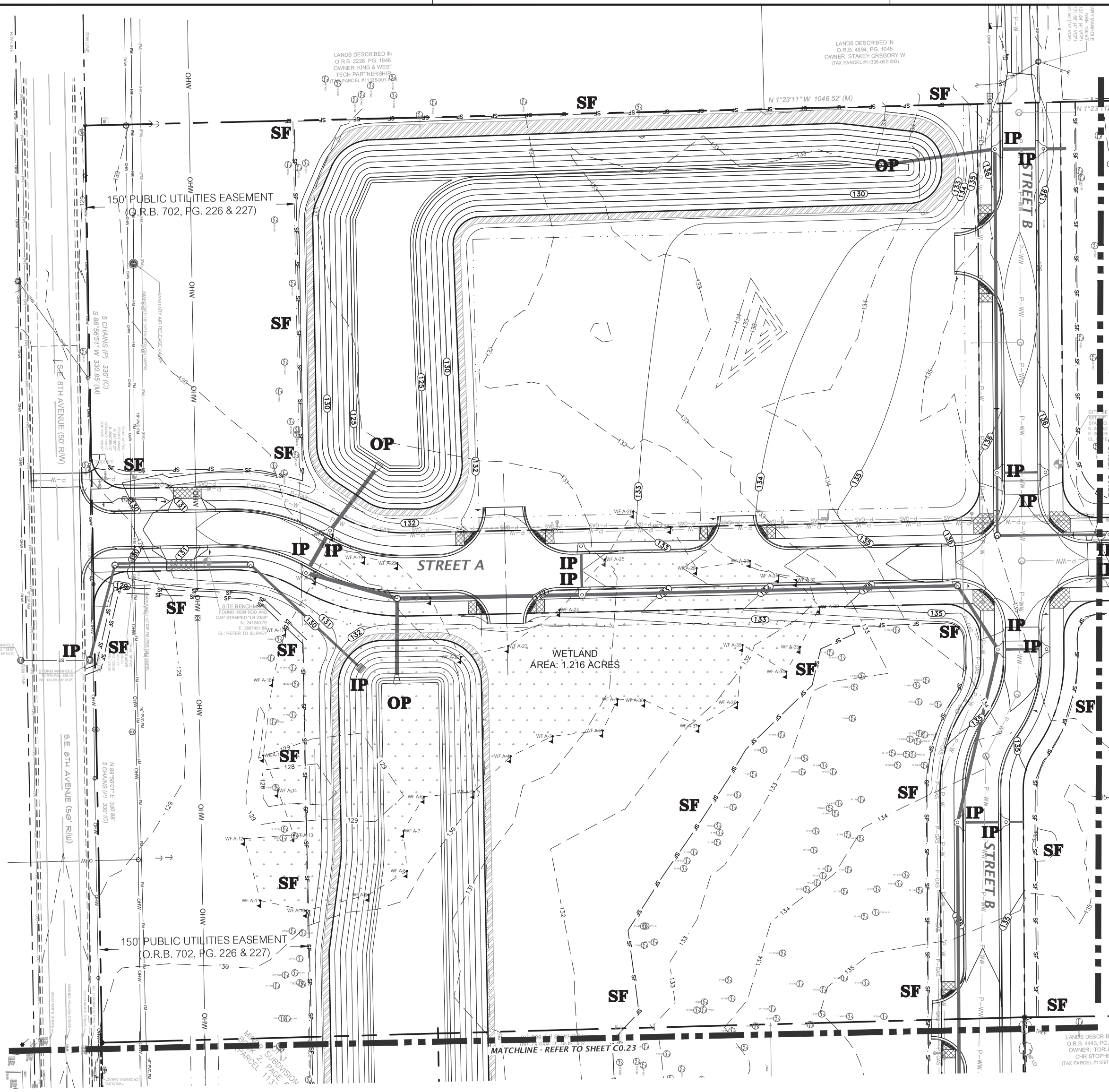
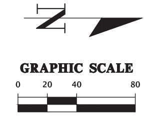
FL PE No. 94201
SHEET NO.: C0.20





STORMWATER POLLUTION PREVENTION LEGEND

TS = TEMPORARY SEEDING
PS = PERMANENT SEEDING
ML = MULCHING
SD = SOD STABILIZATION
SF = SILT BARRIER
TB = TREE BARRIER
IP = INLET PROTECTION
OP = OUTLET PROTECTION
CO = CONSTRUCTION ENTRANCE/EXIT

BASIN EROSION & SEDIMENTATION CONTROL

1. SILT FENCING AND/OR STAKED HAYBALES SHALL BE CONSTRUCTED WHERE SHOWN ON THE DRAWINGS PRIOR TO STARTING CONSTRUCTION.

2 ALL STORMDRAIN INLETS SHALL BE PROTECTED DURING CONSTRUCTION IN ACCORDANCE WITH FDOT STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.

3. THE DRAINAGE BASINS SHALL BE ROUGH GRADED PRIOR TO CONSTRUCTING THE LIMEROCK BASE. THE RETENTION BASINS SHALL BE FINE GRADED AND GRASSED PRIOR TO PAVING AND SITE CLEANUP.

4. THE STORMDRAIN SYSTEM SHALL BE FLUSHED OUT TO REMOVE ALL ACCUMULATED DEBRIS AND SEDIMENT UPON COMPLETION OF CONSTRUCTION.

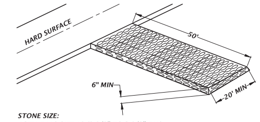
5. THE DRAINAGE BASIN BOTTOM SHALL BE SCRAPED CLEAN OF ALL ACCUMMULATED SEDIMENT UPON COMPLETION OF CONSTRUCTION AFTER THE STORMDRAIN SYSTEM IS COMPLETELY FLUSHED OUT. THIS ACTIVITY SHALL ONLY OCURR IN A DRY STATE.

6. ALL DISTURBED AREAS IN THE CONSTRUCTION AREA SHALL BE COMPLETELY STABILIZED BY COMPLETION OF CONSTRUCTION. GRASS SEEDING RATES AND MIXTURES SHALL BE PER SECTION 570 OF THE STANDARD SPECIFICATIONS. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO FINAL RELEASE.

7. REFER TO THE SWPPP PLAN FOR COMPLETE EROSION CONTROL MEASURES.

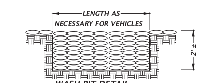
8. WHERE POND TOP OF BANK IS IN CUT TO EXISTING GRADE, CONTRACTOR SHALL SOD 5-FT BEYOND TOP OF BANK FOR EROSION PROTECTION.

NOTE:
1. CONSTRUCTION EXIT INSTALLATION SHALL REMOVE MUD/SOILS FROM TIRES TO PREVENT TRACKING ONTO PUBLIC ROADS.
2. TOP DRESSING WITH 2" STONE MAY BE REQ'D AS DETERMINED BY THE USE AND FUNCTION OF THE SYSTEM.
3. THE WASH PIT SHOULD BE INSTALLED IF THE STANDARD CONSTRUCTION EXIT DOES NOT SUFFICIENTLY REMOVE SOILS AND WASHING IS REQ'D.

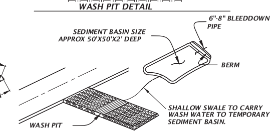


STONE SIZE:
ASTM D448 SIZE #1 (1-1/2" TO 3-1/2" DIA)

STANDARD CONSTRUCTION EXIT



WASH PIT DETAIL



CONSTRUCTION EXIT WITH WASH PIT

TEMPORARY CONSTRUCTION EXIT DETAIL

NTS

11801 Research Drive
Alachua, Florida 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-5075
CHW Professional Consultants

SCALE: 1"=40'
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
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CONSTRUCTION/BID REVISIONS:

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12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
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4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: STORMWATER POLLUTION PREVENTION PLAN

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

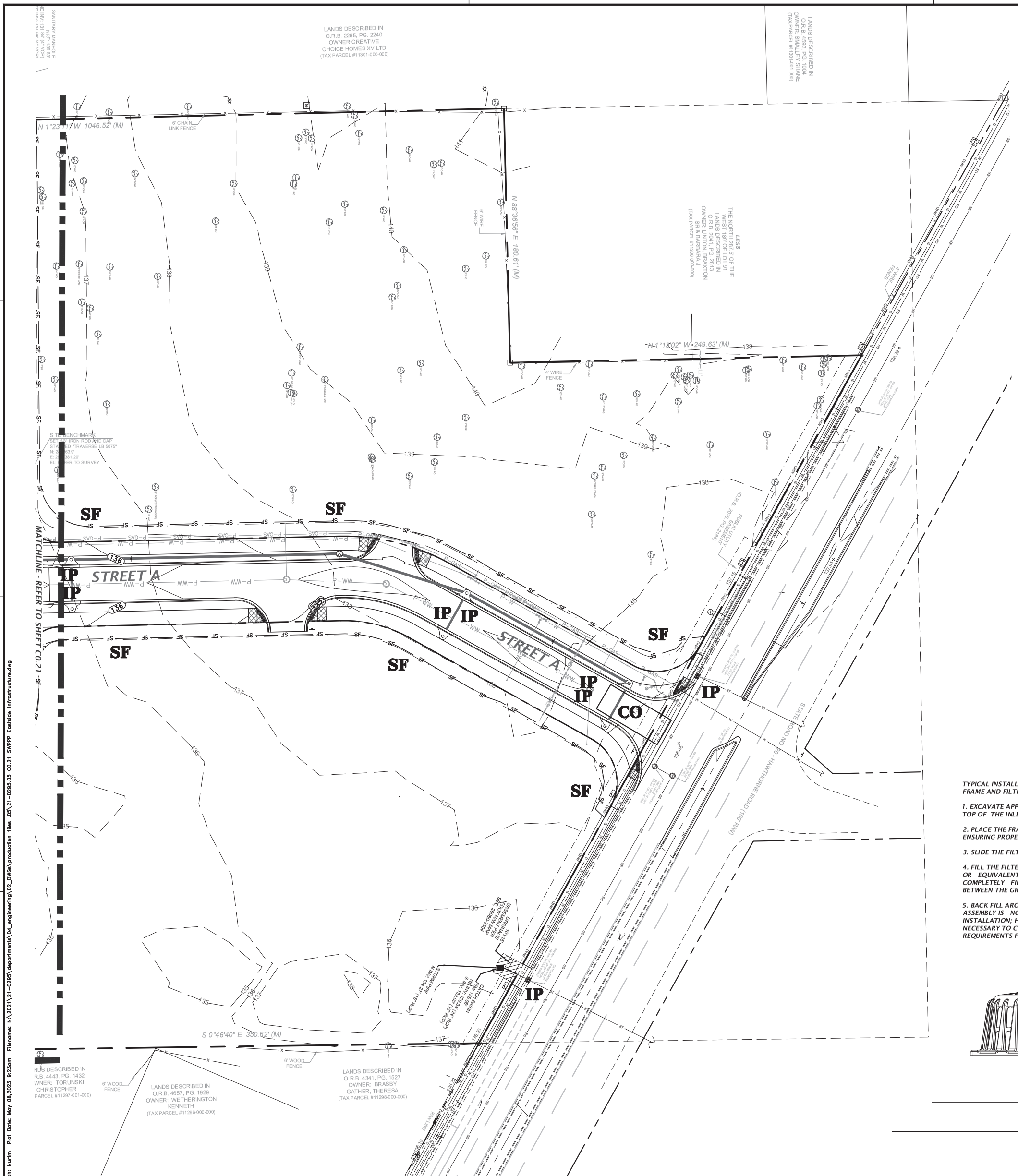
Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201

This item has been digitally signed and sealed by Walker Fain Owen, PE on the date indicated here.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

FL PE No. 94201

SHEET NO.: C0.21



STORMWATER POLLUTION PREVENTION LEGEND

- **TS** = TEMPORARY SEEDING
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- **ML** = MULCHING
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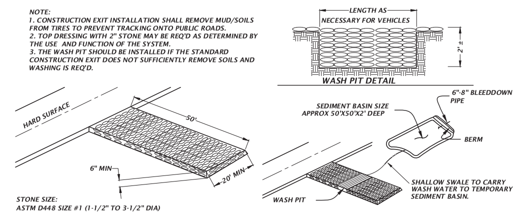
GRAPHIC SCALE
0 20 40 80

NOTE:
1. CONSTRUCTION EXIT INSTALLATION SHALL REMOVE MUD/SOILS FROM TIRES TO PREVENT TRACKING ONTO PUBLIC ROADS.
2. TOP DRESSING WITH 2" STONE MAY BE REQ'D AS DETERMINED BY THE USE AND FUNCTION OF THE SYSTEM.
3. THE WASH PIT SHOULD BE INSTALLED IF THE STANDARD CONSTRUCTION EXIT DOES NOT SUFFICIENTLY REMOVE SOILS AND WASHING IS REQ'D.



STONE SIZE:
ASTM D448 SIZE #1 (1-1/2" TO 3-1/2" DIA)

STANDARD CONSTRUCTION EXIT

CONSTRUCTION EXIT WITH WASH PIT

TEMPORARY CONSTRUCTION EXIT DETAIL

NTS

TYPICAL INSTALLATION SEQUENCE FOR SILT-SAVER FRAME AND FILTER

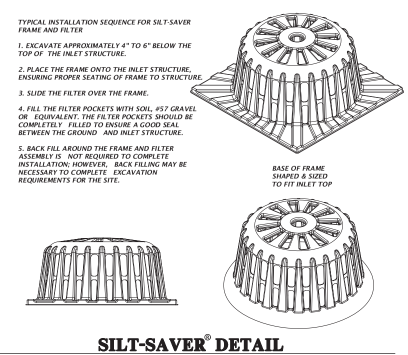
1. EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.

2. PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.

3. SLIDE THE FILTER OVER THE FRAME.

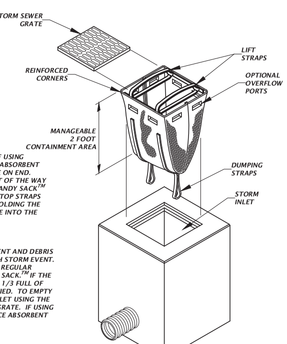
4. FILL THE FILTER POCKETS WITH SOIL, #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.

5. BACK FILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACK FILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.



SILT-SAVER® DETAIL

NTS



INSTALLATION:

REMOVE THE GRATE FROM INLET. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLOW IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY SACK™ SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET.

MAINTENANCE:

REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY SACK.™ IF THE CONTAINMENT AREA IS MORE THAN 1/3 FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS; REPLACE ABSORBENT WHEN NEAR SATURATION.

DANDY SACK™ DETAIL

NTS

INLET PROTECTION OPTIONS DETAIL

NTS

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(352) 331-1976
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est. 1988 FLORIDA CA-5075

SCALE: 1"=40'
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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
2/27/2023 - RESUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: STORMWATER POLLUTION PREVENTION PLAN

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

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FL PE No. 94201

SHEET NO.: C0.22

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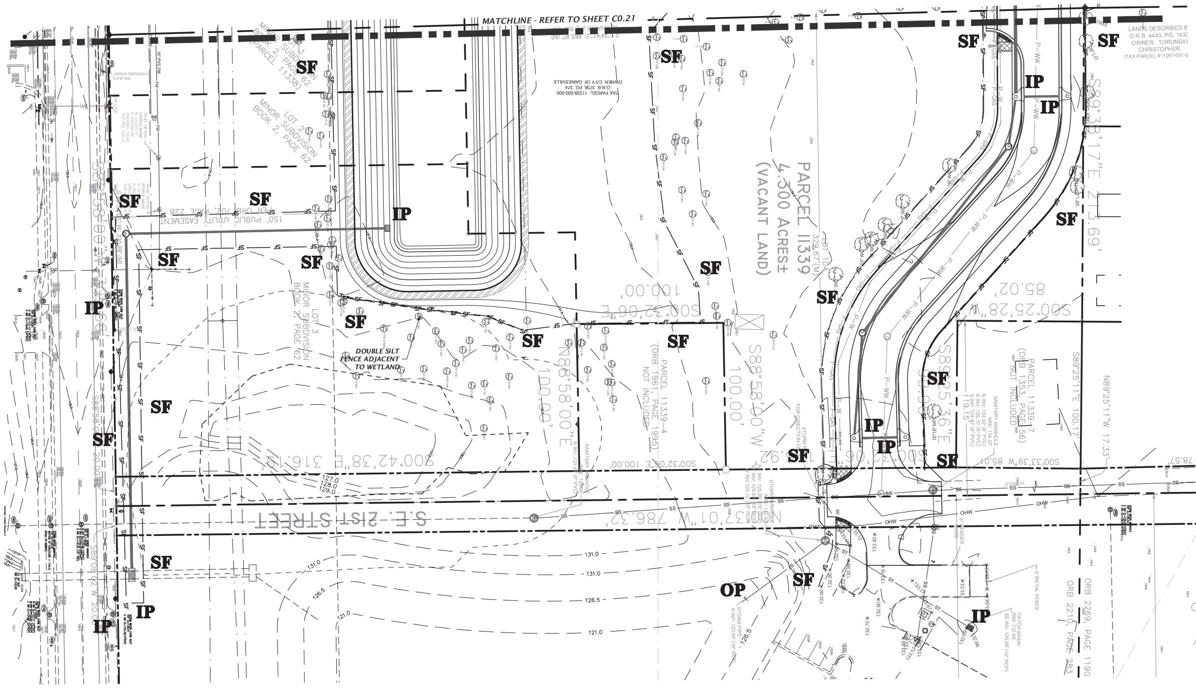


STORMWATER POLLUTION PREVENTION LEGEND

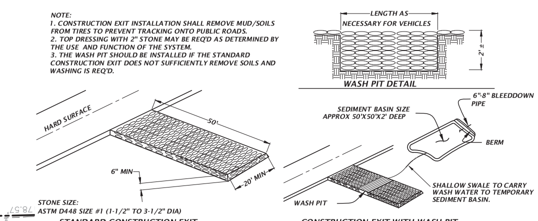
- **TS** = TEMPORARY SEEDING
- **PS** = PERMANENT SEEDING
- **ML** = MULCHING
- **SD** = SOD STABILIZATION
- **SF** = SILT BARRIER
- **TB** = TREE BARRIER
- **IP** = INLET PROTECTION
- **OP** = OUTLET PROTECTION
- **CO** = CONSTRUCTION ENTRANCE/EXIT

N

GRAPHIC SCALE

0 20 40 80

NOTE:
1. CONSTRUCTION EXIT INSTALLATION SHALL REMOVE MUD/SOILS FROM TIRES TO PREVENT TRACKING ONTO PUBLIC ROADS.
2. TOP DRESSING WITH 2" STONE MAY BE REQ'D AS DETERMINED BY THE USE AND FUNCTION OF THE SYSTEM.
3. THE WASH PIT SHOULD BE INSTALLED IF THE STANDARD CONSTRUCTION EXIT DOES NOT SUFFICIENTLY REMOVE SOILS AND WASHING IS REQ'D.



STONE SIZE:
ASTM D448 SIZE #1 (1-1/2" TO 3-1/2" DIA)

STANDARD CONSTRUCTION EXIT

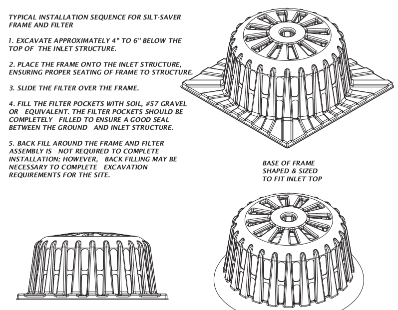
CONSTRUCTION EXIT WITH WASH PIT

TEMPORARY CONSTRUCTION EXIT DETAIL

NTS

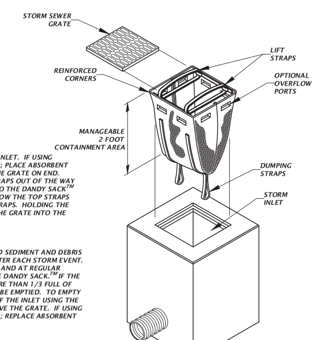
TYPICAL INSTALLATION SEQUENCE FOR SILT-SAVER FRAME AND FILTER

1. EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
2. PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.
3. SLIDE THE FILTER OVER THE FRAME.
4. FILL THE FILTER POCKETS WITH SOIL, #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.
5. BACK FILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACK FILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.



SILT-SAVER® DETAIL

NTS



INSTALLATION:

REMOVE THE GRATE FROM INLET. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLOW IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY SACK™ SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET.

MAINTENANCE:

REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY SACK.™ IF THE CONTAINMENT AREA IS MORE THAN 1/3 FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS; REPLACE ABSORBENT WHEN NEAR SATURATION.

DANDY SACK™ DETAIL

NTS

INLET PROTECTION OPTIONS DETAIL

NTS

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
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3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: STORMWATER POLLUTION PREVENTION PLAN

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201

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FL PE No. 94201

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LEGEND

EXISTING TREE TO BE REMOVED

EXISTING FEATURES TO BE REMOVED

TB — TREE BARRICADE

SF — SILT FENCE

GRAPHIC SCALE

0 20 40 80

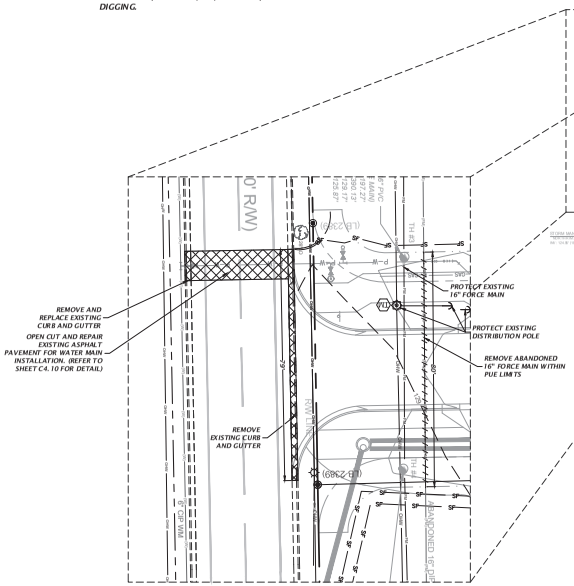
REFER TO SHEET C1.00 FOR COORDINATE REFERENCE LOCATIONS.

NOTES:

1. CONTRACTOR SHALL HAVE ALL SILT FENCE & TREE BARRICADES INSTALLED PRIOR TO ANY SITE WORK.
2. CONTRACTOR SHALL REPAIR/RESTORE ANY DISTURBED AREAS TO EXISTING OR BETTER CONDITION.
3. CONTRACTOR TO COORDINATE WITH DOH OR FDEP FOR PROPER REMOVAL AND DISPOSAL OF ANY EX. ONSITE SEPTIC SYSTEMS OR WELL SYSTEMS.
4. CONTRACTOR TO USE EXTREME CAUTION WHEN WORKING AROUND EXISTING ABOVE AND UNDERGROUND UTILITIES.
5. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH UTILITY COMPANY AS NEEDED TO SUPPORT POLES DURING CONSTRUCTION.

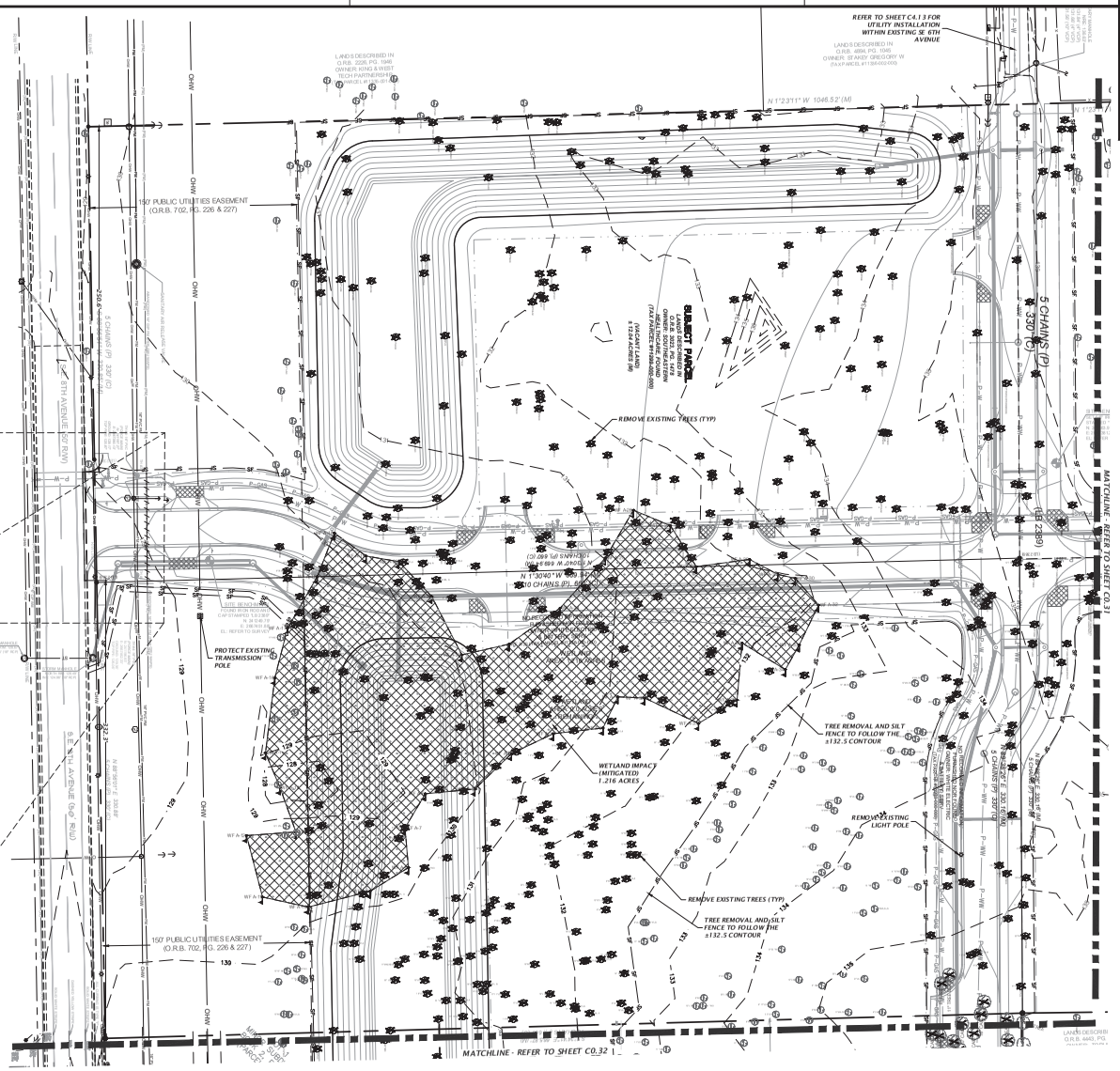
GRU GAS NOTES:

1. PLEASE CONTACT WESLEY LESTER, G.R.U. GAS OPERATIONS SUPERVISOR, AT PH.#: (352) 538-2570, 7 DAYS PRIOR TO THE START OF THE PROJECT.
2. PLEASE CONTACT WESLEY LESTER, G.R.U. GAS OPERATIONS SUPERVISOR, AT PH. # (352) 538-2570, 72 HOURS PRIOR TO DIGGING.



DEMO DETAIL

1" = 20'



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WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201

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FL PE No. 94201

SCALE: 1"=40'

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CONSTRUCTION PLAN REVISIONS

DATE	DESCRIPTION
12/7/2022	SUBMITTAL TO CITY OF GAINESVILLE, GRU, SBWMD, FDOT, AND FDEP
7/10/2023	RESUBMITTAL TO CITY OF GAINESVILLE, GRU, SBWMD, FDOT, AND FDEP
9/15/2023	RESUBMITTAL TO FDOT
11/1/2023	RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023	RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

PROJECT: COMMUNITY REDEVELOPMENT AGENCY

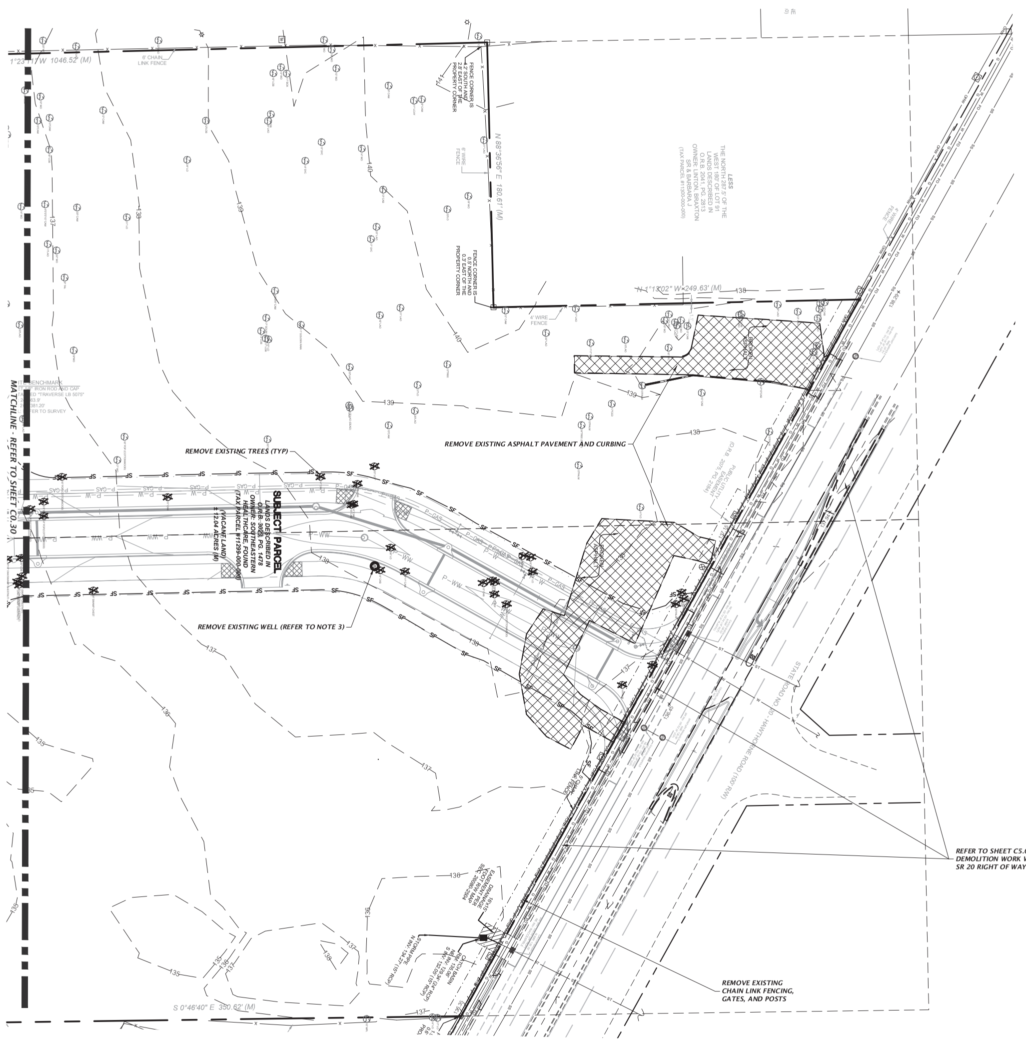
PROJECT: EASTSIDE / CITIC INFRASTRUCTURE

SHEET TITLE: DEMOLITION AND TREE PROTECTION PLAN

DESIGNED: K. MERRITT
DRAWN: C. MENNENETT
CHECKED: R. WALPOLE
PROJECT NUMBER: 21-0295.05

SHEET NO.: C0.30

Approved
2022-A-291-00044
Bradley Adams
7/14/2023



GRAPHIC SCALE

0 20 40 80

REFER TO SHEET C1.00 FOR COORDINATE REFERENCE LOCATIONS.

LEGEND

- EXISTING TREE TO BE REMOVED
- EXISTING FEATURES TO BE REMOVED
- TB — TREE BARRICADE
- SF — SILT FENCE

NOTES:

1. CONTRACTOR SHALL HAVE ALL SILT FENCE & TREE BARRICADES INSTALLED PRIOR TO ANY SITE WORK.
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CONSTRUCTION/BID REVISIONS:

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3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY

PROJECT: EASTSIDE / GTEC INFRASTRUCTURE

SHEET TITLE: DEMOLITION AND TREE PROTECTION PLAN

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

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State of Florida, Professional Engineer, License No. 94201
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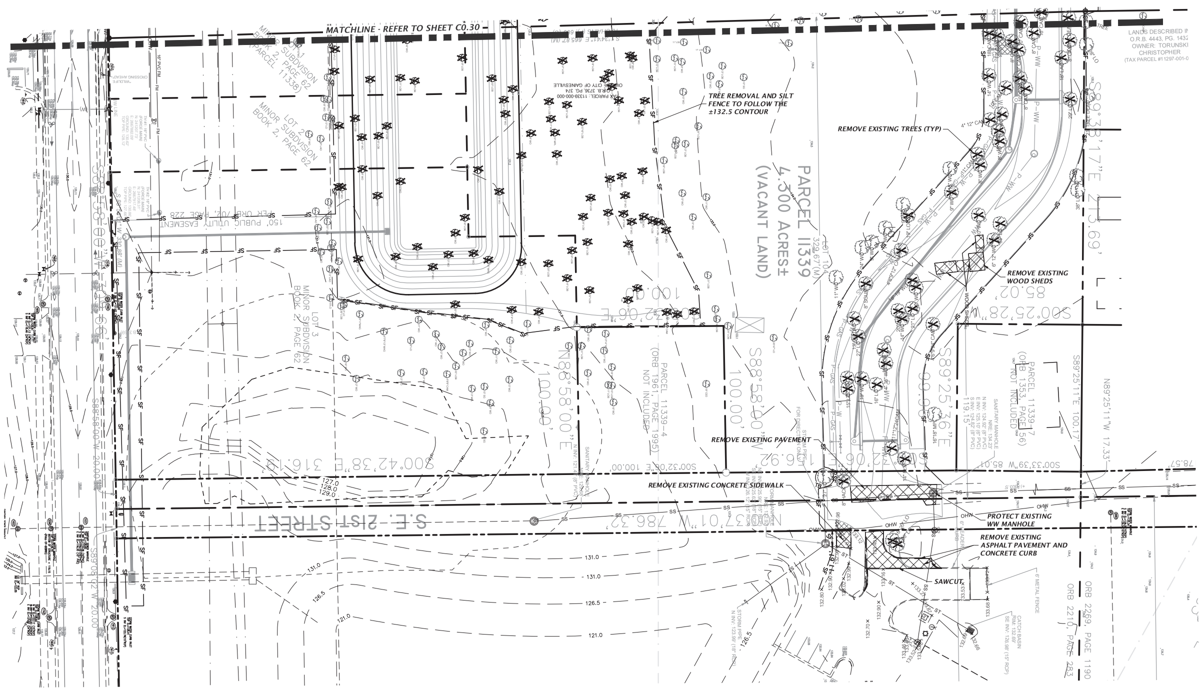

GRAPHIC SCALE

0 20 40 80

REFER TO SHEET C1.00 FOR COORDINATE REFERENCE LOCATIONS.

LEGEND

- EXISTING TREE TO BE REMOVED
- EXISTING FEATURES TO BE REMOVED
- — TB — TREE BARRICADE
- — SF — SILT FENCE

NOTES:

1. CONTRACTOR SHALL HAVE ALL SILT FENCE & TREE BARRICADES INSTALLED PRIOR TO ANY SITE WORK.
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GRU GAS NOTES:

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
2/27/2023 - RESUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: DEMOLITION AND TREE PROTECTION PLAN

TECHNICIAN: K. MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

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State of Florida, Professional Engineer, License No. 94201
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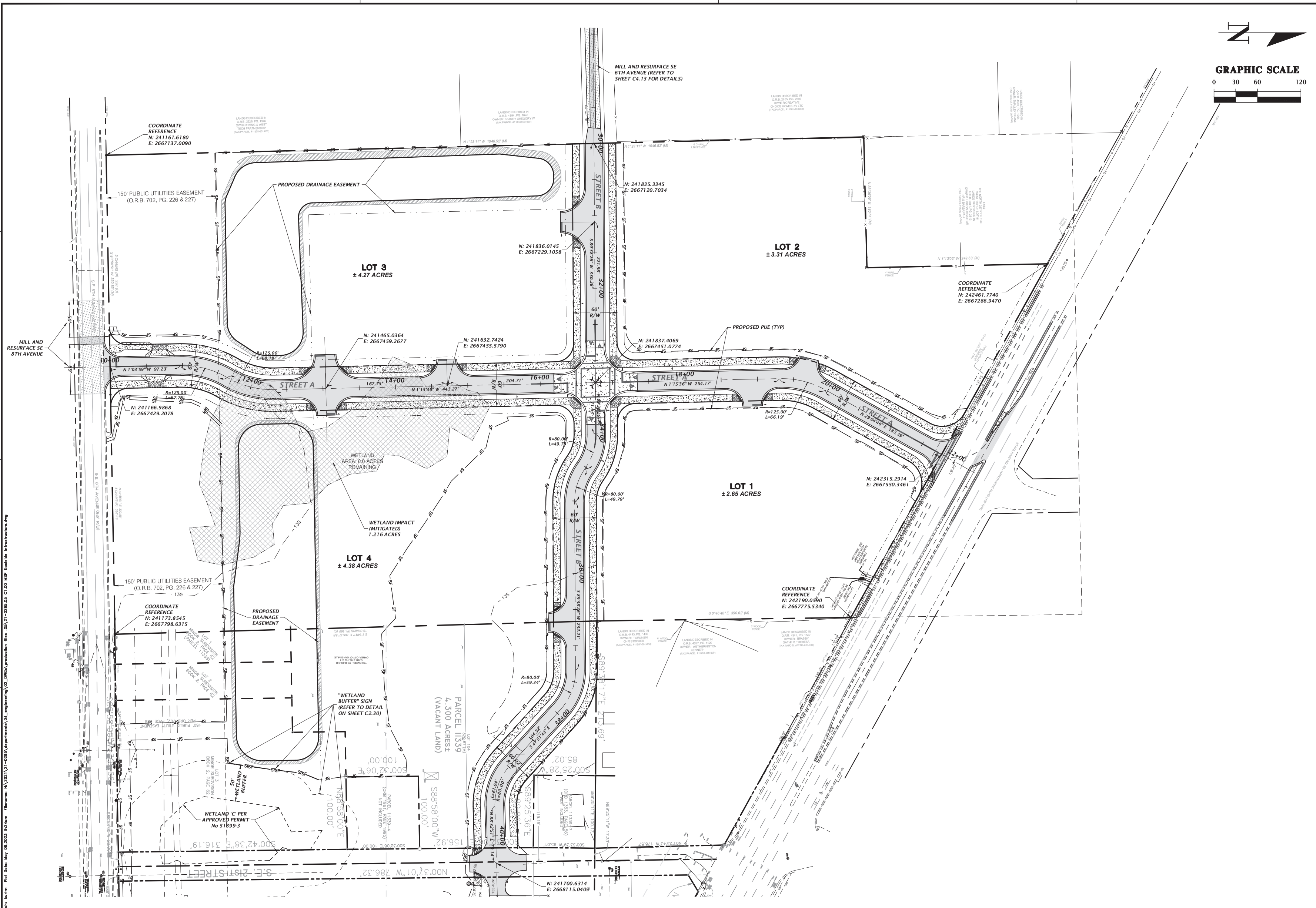
Approved
2022-A-291-00044
Bradley Adams
7/14/2023



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CHW Professional Consultants

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
2/27/2023 - RESUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY

PROJECT: EASTSIDE / GTEC INFRASTRUCTURE

SHEET TITLE: MASTER SITE PLAN

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

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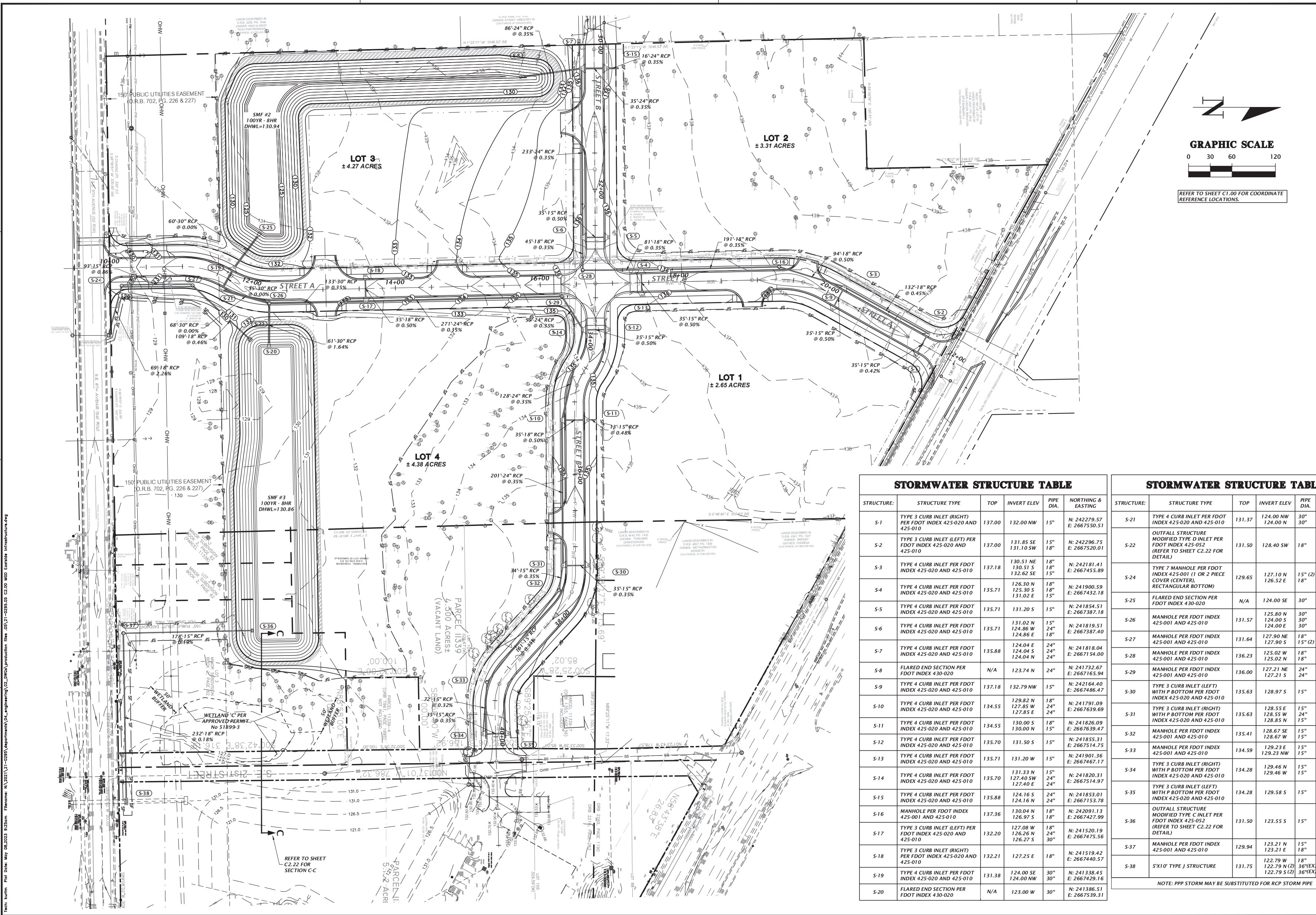

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-1	TYPE 3 CURB INLET (RIGHT) PER FDOT INDEX 425-020 AND 425-010	137.00	132.00 NW	15"	N: 242279.57 E: 2667550.51
S-2	TYPE 3 CURB INLET (LEFT) PER FDOT INDEX 425-020 AND 425-010	137.00	131.85 SE 131.10 SW	15" 18"	N: 242296.75 E: 2667520.01
S-3	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	137.18	130.51 NE 130.51 S 132.62 SE	18" 18" 15"	N: 242181.41 E: 2667455.89
S-4	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.71	126.30 N 125.30 S 131.02 E	18" 18" 15"	N: 241900.59 E: 2667432.18
S-5	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.71	131.20 S	15"	N: 241854.51 E: 2667387.18
S-6	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.71	131.02 N 124.86 W 124.86 E	15" 24" 18"	N: 241819.51 E: 2667387.40
S-7	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.88	124.04 E 124.04 S 124.04 N	24" 24" 24"	N: 241818.04 E: 2667154.00
S-8	FLARED END SECTION PER FDOT INDEX 430-020	N/A	123.74 N	24"	N: 241732.67 E: 2667165.94
S-9	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	137.18	132.79 NW	15"	N: 242164.40 E: 2667486.47
S-10	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	134.55	129.82 N 127.85 W 127.85 E	18" 24" 24"	N: 241791.09 E: 2667639.69
S-11	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	134.55	130.00 S 130.00 N	18" 15"	N: 241826.09 E: 2667639.47
S-12	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.70	131.50 S	15"	N: 241855.31 E: 2667514.75
S-13	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.71	131.20 W	15"	N: 241901.36 E: 2667467.17
S-14	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.70	131.33 N 127.40 SW 127.40 E	15" 24" 24"	N: 241820.31 E: 2667514.97
S-15	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.88	124.16 S 124.16 N	24" 24"	N: 241853.01 E: 2667153.78
S-16	MANHOLE PER FDOT INDEX 425-001 AND 425-010	137.36	130.04 N 126.97 S	18" 18"	N: 242091.13 E: 2667427.99
S-17	TYPE 3 CURB INLET (LEFT) PER FDOT INDEX 425-020 AND 425-010	132.20	127.08 W 126.26 N 126.27 S	18" 24" 30"	N: 241520.19 E: 2667475.56
S-18	TYPE 3 CURB INLET (RIGHT) PER FDOT INDEX 425-020 AND 425-010	132.21	127.25 E	18"	N: 241519.42 E: 2667440.57
S-19	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	131.38	124.00 SE 124.00 NW	30" 30"	N: 241338.45 E: 2667429.16
S-20	FLARED END SECTION PER FDOT INDEX 430-020	N/A	123.00 W	30"	N: 241386.51 E: 2667539.31

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-21	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	131.37	124.00 NW 124.00 N	30" 30"	N: 241321.07 E: 2667459.74
S-22	OUTFALL STRUCTURE MODIFIED TYPE D INLET PER FDOT INDEX 425-052 (REFER TO SHEET C2.22 FOR DETAIL)	131.50	128.40 SW	18"	N: 241360.46 E: 2667528.52
S-24	TYPE 7 MANHOLE PER FDOT INDEX 425-001 (1 OR 2 PIECE COVER (CENTER), RECTANGULAR BOTTOM)	129.65	127.10 N 126.52 E	15" (2) 18"	N: 241183.23 E: 2667454.16
S-25	FLARED END SECTION PER FDOT INDEX 430-020	N/A	124.00 SE	30"	N: 241374.25 E: 2667381.13
S-26	MANHOLE PER FDOT INDEX 425-001 AND 425-010	131.57	125.80 N 124.00 S 124.00 E	30" 30" 30"	N: 241386.89 E: 2667478.19
S-27	MANHOLE PER FDOT INDEX 425-001 AND 425-010	131.64	127.90 NE 127.90 S	18" 15" (2)	N: 241281.08 E: 2667453.77
S-28	MANHOLE PER FDOT INDEX 425-001 AND 425-010	136.23	125.02 W 125.02 N	18" 18"	N: 241819.79 E: 2667432.69
S-29	MANHOLE PER FDOT INDEX 425-001 AND 425-010	136.00	127.21 NE 127.21 S	24" 24"	N: 241791.08 E: 2667468.96
S-30	TYPE 3 CURB INLET (LEFT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	135.63	128.97 S	15"	N: 241827.35 E: 2667840.38
S-31	TYPE 3 CURB INLET (RIGHT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	135.63	128.55 E 128.55 W 128.85 N	15" 24" 15"	N: 241792.35 E: 2667840.75
S-32	MANHOLE PER FDOT INDEX 425-001 AND 425-010	135.41	128.67 SE 128.67 W	15" 15"	N: 241787.29 E: 2667874.73
S-33	MANHOLE PER FDOT INDEX 425-001 AND 425-010	134.59	129.23 E 129.23 NW	15" 15"	N: 241687.65 E: 2668001.65
S-34	TYPE 3 CURB INLET (RIGHT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	134.28	129.46 N 129.46 W	15" 15"	N: 241681.98 E: 2668073.42
S-35	TYPE 3 CURB INLET (LEFT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	134.28	129.58 S	15"	N: 241716.97 E: 2668072.69
S-36	OUTFALL STRUCTURE MODIFIED TYPE C INLET PER FDOT INDEX 425-052 (REFER TO SHEET C2.22 FOR DETAIL)	131.50	123.55 S	15"	N: 241363.66 E: 2667930.39
S-37	MANHOLE PER FDOT INDEX 425-001 AND 425-010	129.94	123.21 N 123.21 E	15" 18"	N: 241185.42 E: 2667934.11
S-38	5'X10' TYPE J STRUCTURE	131.75	122.79 W 122.79 N (2) 122.79 S (2)	18" 36"(EX) 36"(EX)	N: 241189.38 E: 2668166.57

NOTE: PPP STORM MAY BE SUBSTITUTED FOR RCP STORM PIPE

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3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: MASTER GRADING AND DRAINAGE PLAN

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201
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SHEET NO.: C2.00

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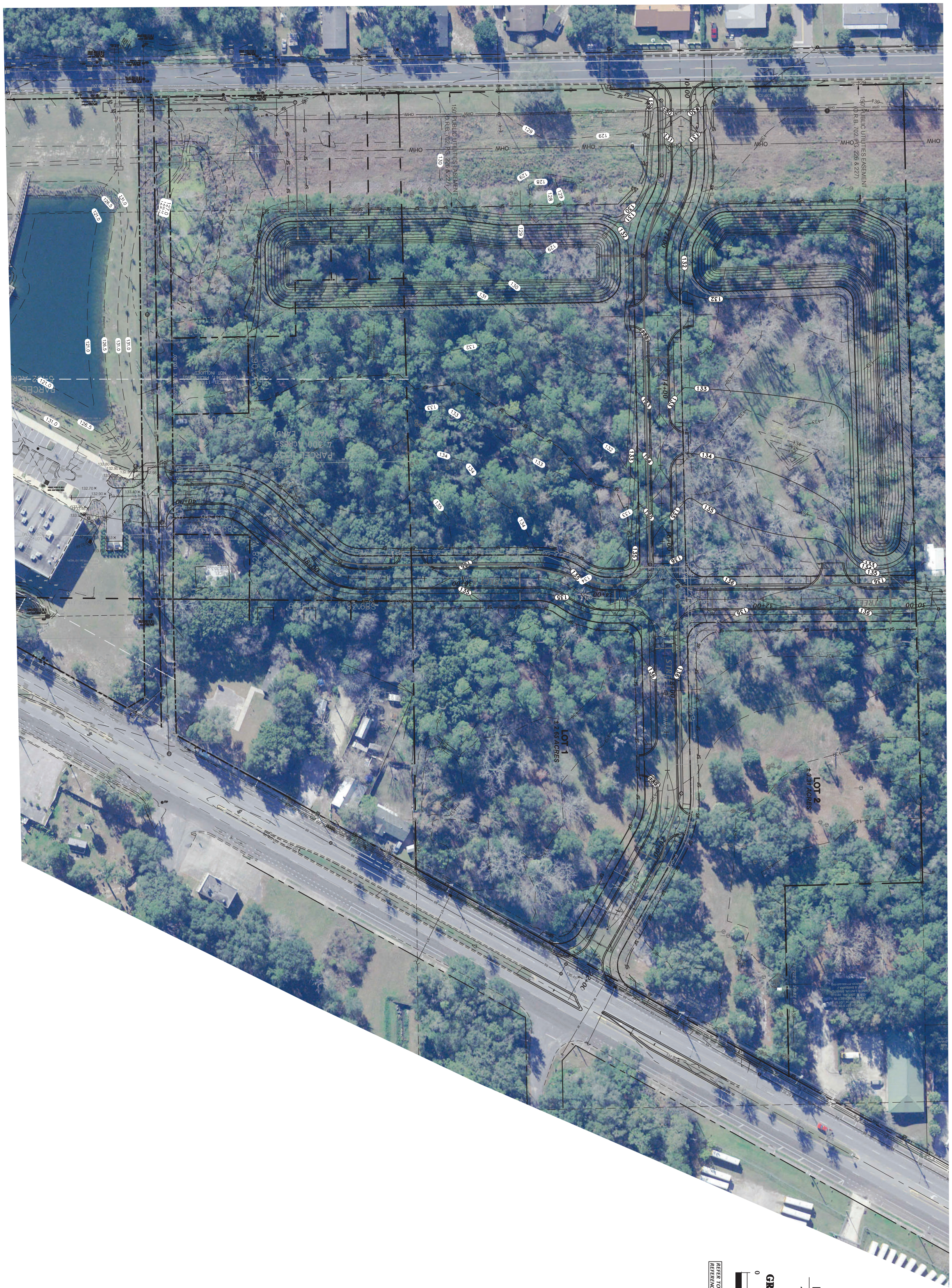

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GRAPHIC SCALE

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SHEET NO.:	C2.01
FL PE No. 94201	
WALKER FAIN OWEN	
TECHNICIAN:	K MERRITT
DESIGNER:	C MENHENNETT
QUALITY CONTROL:	R WALPOLE
PROJECT NUMBER:	21-0295.05
CLIENT:	COMMUNITY REDEVELOPMENT AGENCY
PROJECT:	EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE:	MASTER GRADING AND DRAINAGE PLAN WITH AERIAL
SCALE:	1"=60'

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3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

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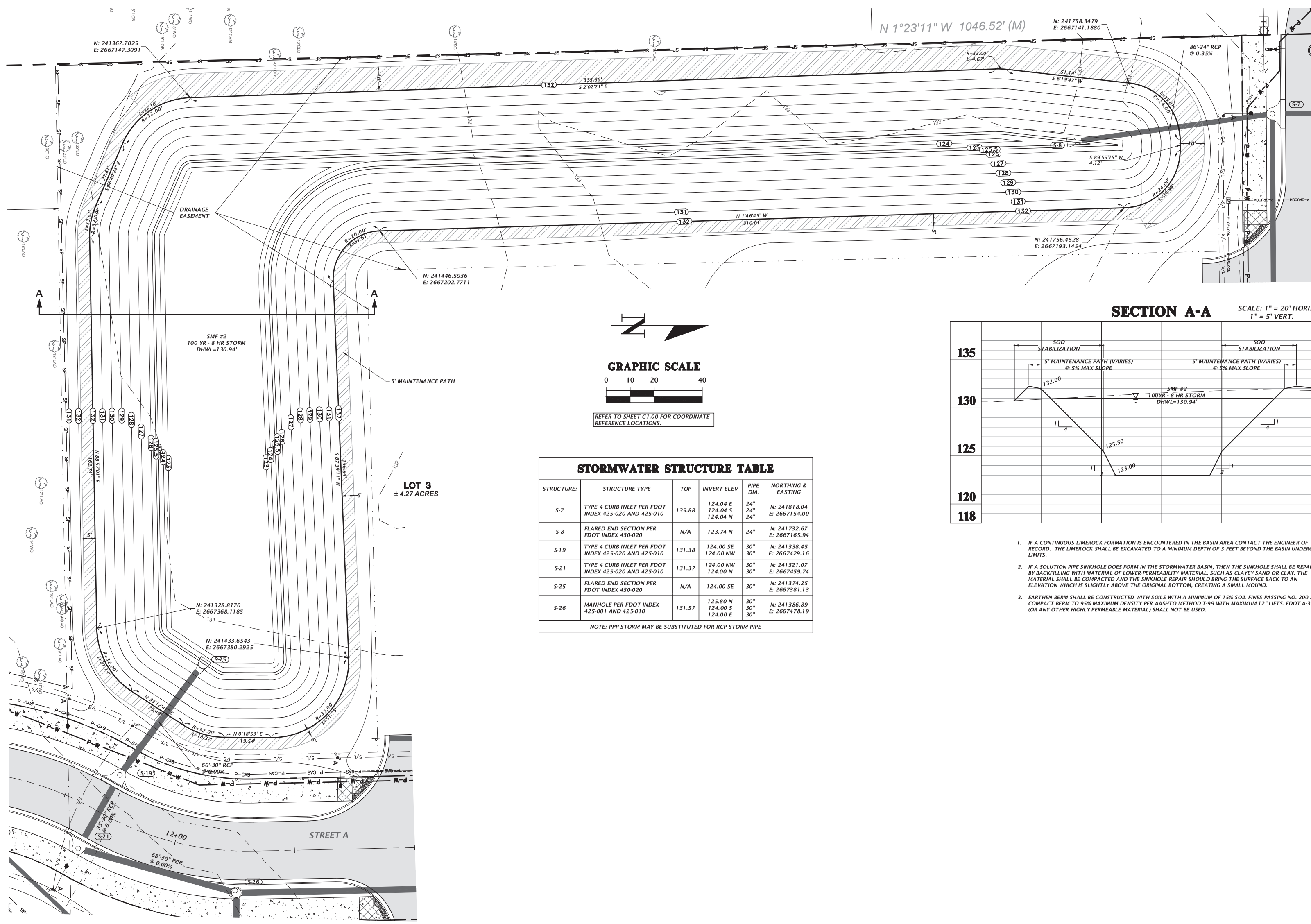

GRAPHIC SCALE

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REFER TO SHEET C1.00 FOR COORDINATE REFERENCE LOCATIONS.

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-7	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.88	124.04 E 124.04 S 124.04 N	24" 24" 24"	N: 241818.04 E: 2667154.00
S-8	FLARED END SECTION PER FDOT INDEX 430-020	N/A	123.74 N	24"	N: 241732.67 E: 2667165.94
S-19	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	131.38	124.00 SE 124.00 NW	30" 30"	N: 241338.45 E: 2667429.16
S-21	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	131.37	124.00 NW 124.00 N	30" 30"	N: 241321.07 E: 2667459.74
S-25	FLARED END SECTION PER FDOT INDEX 430-020	N/A	124.00 SE	30"	N: 241374.25 E: 2667381.13
S-26	MANHOLE PER FDOT INDEX 425-001 AND 425-010	131.57	125.80 N 124.00 S 124.00 E	30" 30" 30"	N: 241386.89 E: 2667478.19

NOTE: PPP STORM MAY BE SUBSTITUTED FOR RCP STORM PIPE

SECTION A-A

SCALE: 1" = 20' HORIZ.
1" = 5' VERT.

1. IF A CONTINUOUS LIMEROCK FORMATION IS ENCOUNTERED IN THE BASIN AREA CONTACT THE ENGINEER OF RECORD. THE LIMEROCK SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 3 FEET BEYOND THE BASIN UNDERCUT LIMITS.
2. IF A SOLUTION PIPE SINKHOLE DOES FORM IN THE STORMWATER BASIN, THEN THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH MATERIAL OF LOWER-PERMEABILITY MATERIAL, SUCH AS CLAYEY SAND OR CLAY. THE MATERIAL SHALL BE COMPACTED AND THE SINKHOLE REPAIR SHOULD BRING THE SURFACE BACK TO AN ELEVATION WHICH IS SLIGHTLY ABOVE THE ORIGINAL BOTTOM, CREATING A SMALL MOUND.
3. EARTHEN BERM SHALL BE CONSTRUCTED WITH SOILS WITH A MINIMUM OF 15% SOIL FINES PASSING NO. 200 SIEVE. COMPACT BERM TO 95% MAXIMUM DENSITY PER AASHTO METHOD T-99 WITH MAXIMUM 12" LIFTS. FDOT A-3 SAND (OR ANY OTHER HIGHLY PERMEABLE MATERIAL) SHALL NOT BE USED.

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3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: STORMWATER MANAGEMENT FACILITY #2 PLAN AND SECTION

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201

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Approved
2022-A-291-00044
Bradley Adams
7/14/2023

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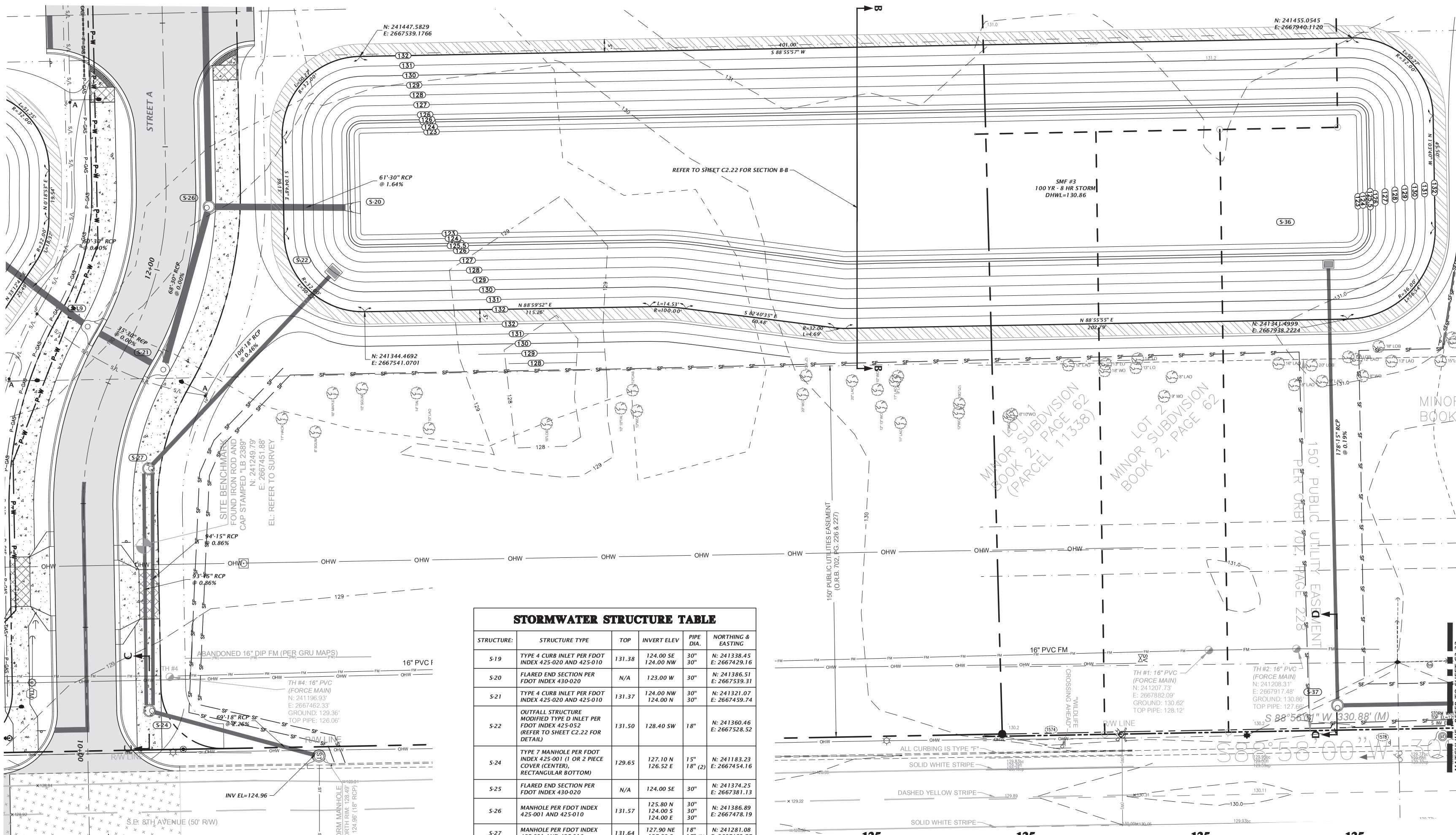

GRAPHIC SCALE

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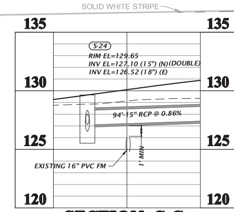
REFER TO SHEET C1.00 FOR COORDINATE REFERENCE LOCATIONS.

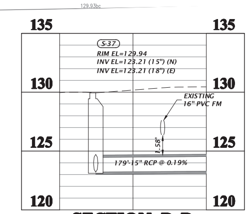
STORMWATER STRUCTURE TABLE					
STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-19	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	131.38	124.00 SE 124.00 NW	30" 30"	N: 241338.45 E: 2667429.16
S-20	FLARED END SECTION PER FDOT INDEX 430-020	N/A	123.00 W	30"	N: 241386.51 E: 2667539.31
S-21	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	131.37	124.00 NW 124.00 N	30" 30"	N: 241321.07 E: 2667459.74
S-22	OUTFALL STRUCTURE MODIFIED TYPE D INLET PER FDOT INDEX 425-052 (REFER TO SHEET C2.22 FOR DETAIL)	131.50	128.40 SW	18"	N: 241360.46 E: 2667528.52
S-24	TYPE 7 MANHOLE PER FDOT INDEX 425-001 (1 OR 2 PIECE COVER (CENTER), RECTANGULAR BOTTOM)	129.65	127.10 N 126.52 E	15" 18" (2)	N: 241183.23 E: 2667454.16
S-25	FLARED END SECTION PER FDOT INDEX 430-020	N/A	124.00 SE	30"	N: 241374.25 E: 2667381.13
S-26	MANHOLE PER FDOT INDEX 425-001 AND 425-010	131.57	125.80 N 124.00 S 124.00 E	30" 30" 30"	N: 241386.89 E: 2667478.19
S-27	MANHOLE PER FDOT INDEX 425-001 AND 425-010	131.64	127.90 NE 127.90 S	18" 15" (2)	N: 241281.08 E: 2667453.77
S-36	OUTFALL STRUCTURE MODIFIED TYPE C INLET PER FDOT INDEX 425-052 (REFER TO SHEET C2.22 FOR DETAIL)	131.50	123.55 S	15"	N: 241363.66 E: 2667930.39
S-37	MANHOLE PER FDOT INDEX 425-001 AND 425-010	129.94	123.21 N 123.21 E	15" 18"	N: 241185.42 E: 2667934.11
S-38	5'X10' TYPE J STRUCTURE	131.75	122.79 W 122.79 N (2) 122.79 S (2)	18" 36"(EX) 36"(EX)	N: 241189.38 E: 2668166.57

NOTE: PPP STORM MAY BE SUBSTITUTED FOR RCP STORM PIPE



SECTION C-C

H: 1" = 20'
V: 1" = 5'



SECTION D-D

H: 1" = 20'
V: 1" = 5'

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3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: STORMWATER MANAGEMENT FACILITY #3 PLAN

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201

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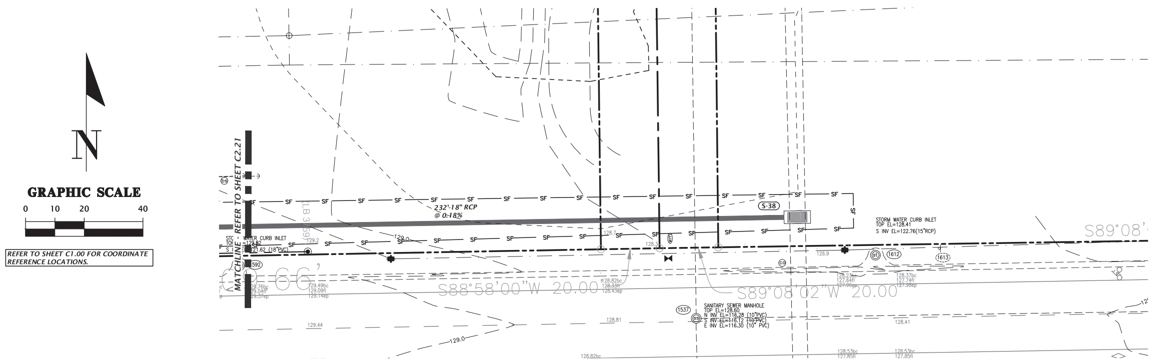
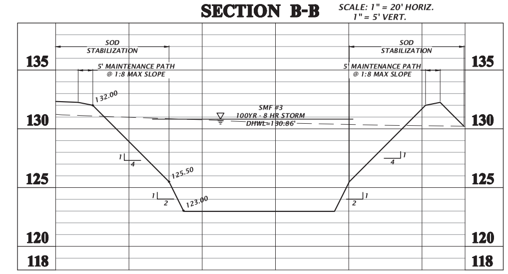
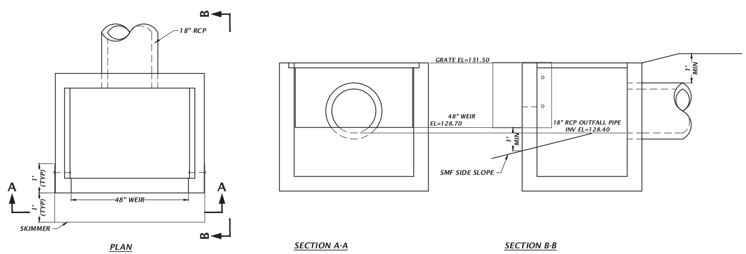


SECTION B-B

SCALE: 1" = 20' HORIZ. 1" = 5' VERT.



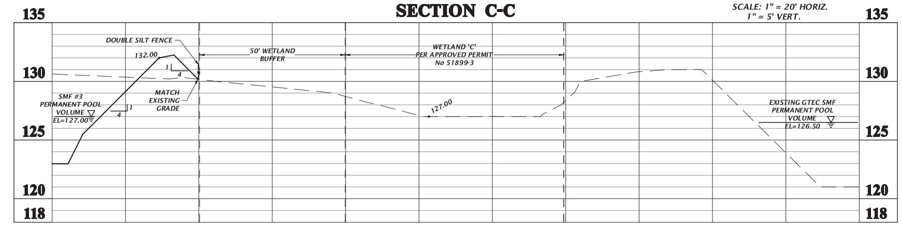
1. IF A CONTINUOUS LIMEROCK FORMATION IS ENCOUNTERED IN THE BASIN AREA CONTACT THE ENGINEER OF RECORD. THE LIMEROCK SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 3 FEET BEYOND THE BASIN UNDERCUT LIMITS.
2. IF A SOLUTION PIPE SINKHOLE DOES FORM IN THE STORMWATER BASIN, THEN THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH MATERIAL OF LOWER PERMEABILITY MATERIAL, SUCH AS CLAYEY SAND OR CLAY. THE MATERIAL SHALL BE COMPACTED AND THE SINKHOLE REPAIR SHOULD BRING THE SURFACE BACK TO AN ELEVATION WHICH IS SLIGHTLY ABOVE THE ORIGINAL BOTTOM, CREATING A SMALL MOUND.
3. EARTHEN BERM SHALL BE CONSTRUCTED WITH SOILS WITH A MINIMUM OF 15% SOIL FINES PASSING NO. 200 SIEVE. COMPACT BERM TO 95% MAXIMUM DENSITY PER AASHTO METHOD T-99 WITH MAXIMUM 12" LIFTS. FDOT A-3 SAND (OR ANY OTHER HIGHLY PERMEABLE MATERIAL) SHALL NOT BE USED.

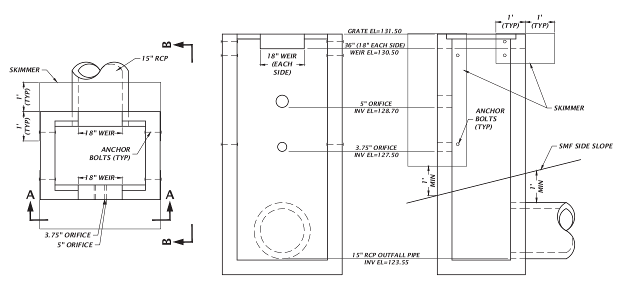


S-22 OUTFALL STRUCTURE
MODIFIED TYPE D INLET PER FDOT INDEX 425-052
NTS

SECTION C-C

SCALE: 1" = 20' HORIZ. 1" = 5' VERT.





S-36 OUTFALL STRUCTURE
MODIFIED TYPE C INLET PER FDOT INDEX 425-052
NTS

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CONSTRUCTION/BID REVISIONS:

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3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: STORMWATER MANAGEMENT FACILITY #3 SECTION AND DETAILS

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

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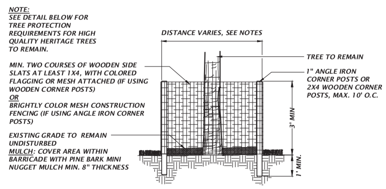
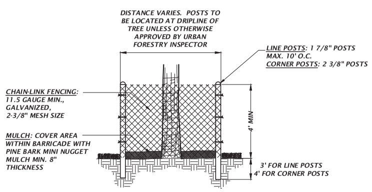


STANDARD TREE PROTECTION DETAIL
REGULATED, NON HIGH-QUALITY HERITAGE

NTS



HIGH-QUALITY HERITAGE TREE PROTECTION DETAIL

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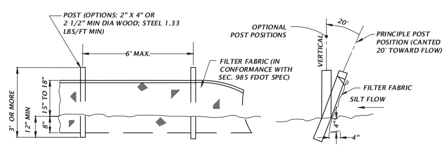
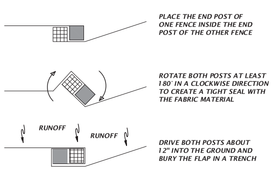


TYPE III SILT FENCE DETAIL

NTS



FOR ATTACHING TWO SILT FENCES WHEN TRENCHING IS USED

TYPE III SILT FENCE WRAPPING DETAIL

NTS

TREE PROTECTION NOTES

ALL REGULATED TREES IN AREAS OF DEMOLITION OR CONSTRUCTION THAT HAVE NOT BEEN PERMITTED NOR DESIGNATED FOR REMOVAL BY EITHER THE TERMS OF THE PERMIT OR APPROVED DEVELOPMENT ORDER SHALL BE PROTECTED BY BARRIER ZONES ERECTED AND INSPECTED PRIOR TO CONSTRUCTION OF ANY STRUCTURES, ROAD, UTILITY SERVICE OR OTHER IMPROVEMENTS. BARRICADES SHALL COMPLY WITH THE FOLLOWING: PROTECTION.

1) PROTECTIVE BARRIERS SHALL BE CONSTRUCTED, AS NECESSARY, TO PREVENT THE DESTRUCTION OR DAMAGING OF REGULATED TREES THAT ARE LOCATED WITHIN 50 FEET OF ANY CONSTRUCTION ACTIVITY OR STORAGE OF EQUIPMENT AND MATERIALS.

2) PROTECTIVE BARRIERS SHALL BE PLAINLY VISIBLE AND SHALL CREATE A CONTINUOUS BOUNDARY AROUND TREES OR VEGETATION CLUSTERS IN ORDER TO PREVENT ENCROACHMENT BY MACHINERY, VEHICLES OR STORED MATERIALS.

3) NO TRENCHING ALLOWED WITHIN THE PROTECTIVE BARRIER ZONE. HAND DIG TO INSTALL UTILITY IF APPROVED BY CITY MANAGER OR DESIGNEE. WHERE ROOTS GREATER THAN ONE INCH IN DIAMETER ARE DAMAGED OR EXPOSED, THEY SHALL BE CUT CLEANLY AND RE-COVERED WITH SOIL WITHIN ONE HOUR OF DAMAGE OR EXPOSURE.

4) PROTECTIVE BARRIERS SHALL REMAIN IN PLACE AND INTACT UNTIL SUCH TIME AS LANDSCAPE OPERATIONS BEGIN. IF CONSTRUCTION NEEDS DICTATE A TEMPORARY REMOVAL (FOR LESS THAN 24 HOURS), THE CITY MANAGER OR DESIGNEE, MAY APPROVE OR DENY THE TEMPORARY REMOVAL OF PROTECTIVE BARRIERS.

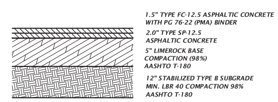
5) LANDSCAPE PREPARATION IN THE PROTECTED AREA SHALL BE LIMITED TO SHALLOW DISCING OF THE AREA. DISCING SHALL BE LIMITED TO A DEPTH OF 4 INCHES UNLESS SPECIFICALLY APPROVED OTHERWISE BY THE CITY MANAGER OR DESIGNEE.

6) NO BUILDING MATERIALS, MACHINERY OR HARMFUL CHEMICALS SHALL BE PLACED WITHIN PROTECTIVE BARRIERS, EXCEPT SHORT-DURATION PLACEMENTS OF CLEAN FILL SOIL THAT WILL NOT HARM THE TREE. SUCH SHORT DURATION PLACEMENTS SHALL NOT EXCEED SEVEN CALENDAR DAYS. THE CITY MANAGER OR DESIGNEE SHALL BE NOTIFIED OF THE DATES THE SHORT DURATION PLACEMENT WILL BEGIN AND END. THE ORIGINAL SOIL GRADE THAT EXISTED WITHIN THE PROTECTED AREAS PRIOR TO THE PLACEMENT OF SUCH FILL SHALL BE RESTORED.

7) THE AMERICAN NATIONAL STANDARDS INSTITUTE A-300 PART V: MANAGEMENT OF TREES AND SHRUBS DURING SITE PLANNING, SITE DEVELOPMENT, AND SITE CONSTRUCTION OR OTHER NATIONALLY RECOGNIZED ARBORICULTURAL STANDARDS APPROVED BY THE CITY MANAGER OR DESIGNEE SHALL BE USED AS GUIDELINES FOR TREE PROTECTION, PLANTING, PRUNING AND CARE DURING DEVELOPMENT AND CONSTRUCTION.

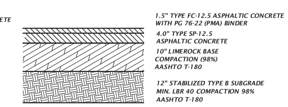
8) POSTS TO BE LOCATED AT DRIPLINE OF TREE FOR REGULATES PINES/PALMS OR A MINIMUM OF 2/3 THE AREA OF THE DRIPLINE FOR ALL OTHER REGULATED SPECIES OR AT THE TREE ROOT PLATE, WHICHEVER IS GREATEST (UNLESS OTHERWISE APPROVED BY THE URBAN FORESTRY INSPECTOR).

9) CALL THE CITY OF GAINESVILLE URBAN FORESTRY INSPECTOR 352-393-8188 TO SCHEDULE A BARRICADE INSPECTION PRIOR TO BEGINNING ANY CLEARING AND GRUBBING WORK.



FDOT SHOULDER ASPHALT DETAIL

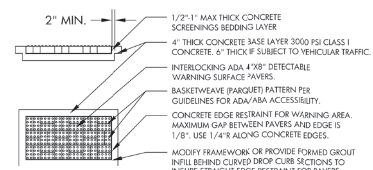
NTS



FDOT ASPHALT DETAIL

NTS

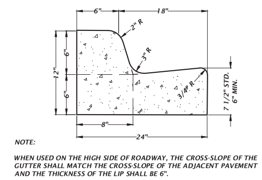
ASPHALT OPTIONS FOR FDOT RIGHT-OF-WAY



DETECTABLE WARNING NOTES:

1. DETECTABLE WARNING COLOR TO PROVIDE LIGHT/DARK CONTRAST OF 70% OF ADJACENT SIDEWALK.
2. DETECTABLE WARNING SURFACE FOR THE RAMPS SHALL CONSIST OF INTERLOCKING 4"X8" ADA DETECTABLE WARNING SURFACE PAVERS HAVING A MINIMUM DEPTH OF 2" WITH RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 INCHES, A HEIGHT OF NOMINAL 0.2 INCHES, AND CENTER-TO-CENTER SPACING OF NOMINAL 2.35 INCHES. CONCRETE PAVERS ARE TO MEET ASTM C902, CLASS SX, TYPE I AND BRICK PAVERS ARE TO BE TARMAC AMERICA'S RED HOLLANDSTONE CONCRETE PAVERS OR APPROVED EQUIVALENT.
3. ALL UNITS SHALL BE SOUND AND FREE OF DEFECTS THAT WOULD INTERFERE WITH THE APPEARANCE OR PROPER PLACEMENT OF THE UNIT OR IMPAIR THE STRENGTH OR LONGEVITY OF THE FINAL STRUCTURE. ANY UNITS THAT ARE STRUCTURALLY DAMAGED DURING THE WORK SHALL BE IMMEDIATELY REMOVED AND REPLACED. THE PAVERS ARE TO BE LAID IN A TWO BY TWO BASKETWEAVE PATTERN, FLUSH WITH THE FINISH GRADE OF THE DOME SURFACE AND HAVE GAPS BETWEEN 1/16" AND 1/8". CUT PAVERS (MASONRY SAW ONLY) SHALL BE NO SMALLER THAN ONE-THIRD OF A WHOLE PAVER.

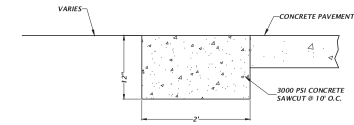
BRICK DETECTABLE WARNINGS DETAILS



NOTE:
WHEN USED ON THE HIGH SIDE OF ROADWAY, THE CROSS-SLOPE OF THE GUTTER SHALL MATCH THE CROSS-SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6".

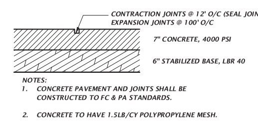
TYPE F CONCRETE CURB AND GUTTER DETAIL

NTS



FLUSH CURB DETAIL

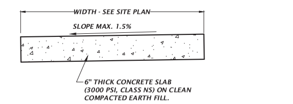
NTS



NOTES:
1. CONCRETE PAVEMENT AND JOINTS SHALL BE CONSTRUCTED TO FC & PA STANDARDS.
2. CONCRETE TO HAVE 1.5LB/CY POLYPROPYLENE MESH.

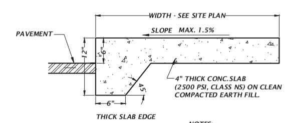
CONCRETE PAVEMENT DETAIL

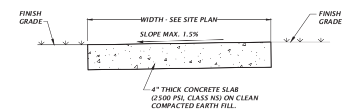
NTS



HEAVY DUTY CONCRETE SIDEWALK

NTS





NOTES:
1. SAWCUT CONTROL JOINTS SHALL BE CONSTRUCTED 5 FEET ON CENTER
2. EXPANSION JOINTS WITH PREFORMED JOINT FILLER SHALL BE CONSTRUCTED BETWEEN ALL FIXED OBJECTS AND WALK AND AT CONSTRUCTION JOINTS.

ADJACENT TO PAVEMENT

NTS

NOT ADJACENT TO PAVEMENT

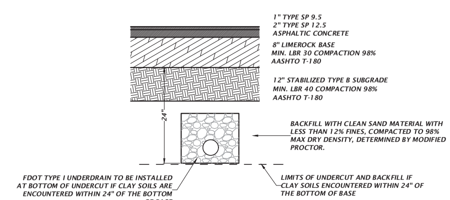
NTS

CONCRETE SIDEWALK DETAILS

NOTES:
1. SIGN SHALL BE ON METAL POST MOUNTED 7' ABOVE GRADE.
2. SIGN SHALL BE 12"x18" MINIMUM WITH WHITE BACKGROUND AND BLACK LETTERING.
3. PRIMARY LETTERING SHALL BE A MINIMUM OF 2" TALL AND SECONDARY LETTERING 1.5" TALL.

WETLAND BUFFER SIGN DETAIL

NTS



TYPICAL ASPHALT PAVEMENT DETAIL

NTS

CHW Professional Consultants
11801 Research Drive
Alachua, Florida 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA CA-5075

SCALE: N/A
VERIFY SCALE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
2/27/2023 - RESUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: CONSTRUCTION DETAILS

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201

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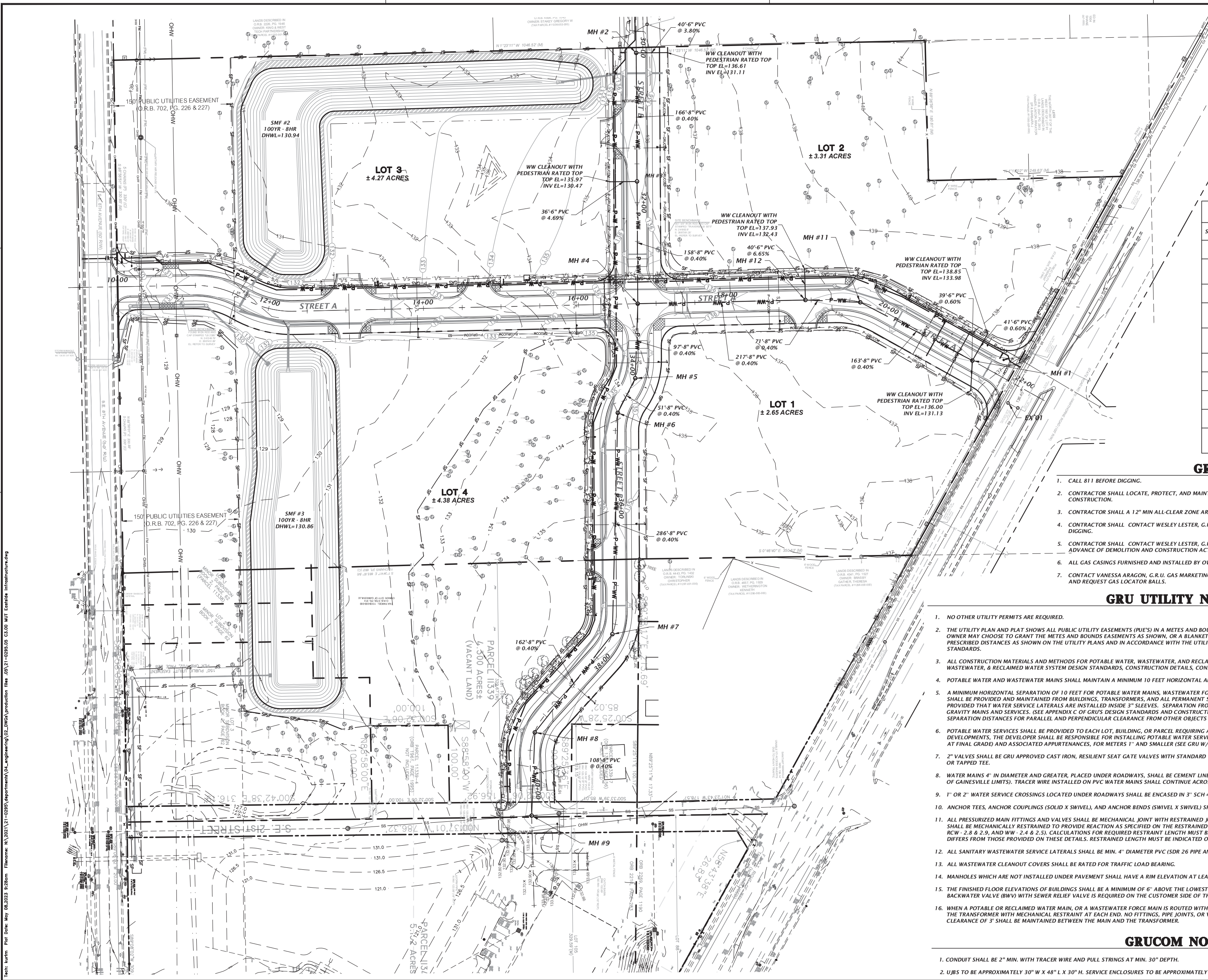
FL PE No. 94201

SHEET NO.: C2.30



SANITARY SEWER STRUCTURE TABLE

STRUCTURE NAME:	STRUCTURE TYPE	TOP	INVERT ELEV	NORTHING & EASTING
EX 01	EXISTING WW MANHOLE	136.08	130.52 (8") NW 130.52 (8") NE	N: 242314.85 E: 2667579.05
MH #1	WW MANHOLE PER GRU STANDARDS	137.01	130.60 (8") SW 133.74 (6") NW 130.90 (6") E	N: 242268.87 E: 2667524.53
MH #2	WW MANHOLE PER GRU STANDARDS	135.75	129.29 (8") E 129.59 (6") N	N: 241835.38 E: 2667127.67
MH #3	WW MANHOLE PER GRU STANDARDS	136.20	128.63 (8") W 128.83 (6") S 128.53 (8") E	N: 241836.42 E: 2667293.47
MH #4	WW MANHOLE PER GRU STANDARDS	136.50	127.90 (8") W 127.80 (8") E 128.61 (8") N	N: 241837.41 E: 2667451.08
MH #5	WW MANHOLE PER GRU STANDARDS	135.15	127.42 (8") W 127.32 (8") SE	N: 241834.17 E: 2667547.23
MH #6	WW MANHOLE PER GRU STANDARDS	134.60	127.12 (8") NW 127.02 (8") E	N: 241811.62 E: 2667591.88
MH #7	WW MANHOLE PER GRU STANDARDS	135.24	125.88 (8") W 125.78 (8") SE	N: 241804.64 E: 2667877.40
MH #8	WW MANHOLE PER GRU STANDARDS	134.41	125.13 (8") NW 125.03 (8") E	N: 241704.70 E: 2668004.08
MH #9	WW MANHOLE PER GRU STANDARDS	134.27	124.60 (8") W 124.38 (8") N 124.37 (8") S	N: 241700.53 E: 2668111.32

GRU GAS NOTES

1. CALL 811 BEFORE DIGGING.
2. CONTRACTOR SHALL LOCATE, PROTECT, AND MAINTAIN 36" MIN COVER OVER GAS MAINS DURING ALL PHASES OF DEMOLITION AND CONSTRUCTION.
3. CONTRACTOR SHALL A 12" MIN ALL-CLEAR ZONE AROUND GAS MAINS AND SERVICES.
4. CONTRACTOR SHALL CONTACT WESLEY LESTER, G.R.U. GAS OPERATIONS SUPERVISOR, AT PH.#: (352) 538- 2570, 72 HOURS PRIOR TO DIGGING.
5. CONTRACTOR SHALL CONTACT WESLEY LESTER, G.R.U. GAS OPERATIONS SUPERVISOR, AT PH.#: (352) 538- 2570, 7 DAYS IN ADVANCE OF DEMOLITION AND CONSTRUCTION ACTIVITIES.
6. ALL GAS CASINGS FURNISHED AND INSTALLED BY OWNER'S CONTRACTOR AT A MINIMUM DEPTH OF 36" BELOW FINISHED GRADE.
7. CONTACT VANESSA ARAGON, G.R.U. GAS MARKETING, AT PH.#: (352) 393-1467, 5 DAYS PRIOR TO THE PLACEMENT OF GAS CASINGS AND REQUEST GAS LOCATOR BALLS.

GRU UTILITY NOTES

1. NO OTHER UTILITY PERMITS ARE REQUIRED.
2. THE UTILITY PLAN AND PLAT SHOWS ALL PUBLIC UTILITY EASEMENTS (PUE'S) IN A METES AND BOUNDS FORMAT. UPON GRU'S APPROVAL OF PLANS FOR DEVELOPMENTS NOT BEING PLATTED, OWNER MAY CHOOSE TO GRANT THE METES AND BOUNDS EASEMENTS AS SHOWN, OR A BLANKET EASEMENT OVER THE ENTIRE PROPERTY, PROVIDED FACILITIES ARE INSTALLED WITHIN THE PRESCRIBED DISTANCES AS SHOWN ON THE UTILITY PLANS AND IN ACCORDANCE WITH THE UTILITY SEPARATION REQUIREMENTS TABLE IN APPENDIX C OF THE GRU W/WW/RCW DESIGN STANDARDS.
3. ALL CONSTRUCTION MATERIALS AND METHODS FOR POTABLE WATER, WASTEWATER, AND RECLAIMED WATER SYSTEMS SHALL BE IN CONFORMANCE TO GRU'S MOST RECENT POTABLE WATER, WASTEWATER, & RECLAIMED WATER SYSTEM DESIGN STANDARDS, CONSTRUCTION DETAILS, CONSTRUCTION STANDARDS, AND APPROVED MATERIALS MANUAL.
4. POTABLE WATER AND WASTEWATER MAINS SHALL MAINTAIN A MINIMUM 10 FEET HORIZONTAL AND 1.5 FOOT VERTICAL SEPARATION.
5. A MINIMUM HORIZONTAL SEPARATION OF 10 FEET FOR POTABLE WATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS, AND 15 FEET FOR GRAVITY WASTEWATER MAINS SHALL BE PROVIDED AND MAINTAINED FROM BUILDINGS, TRANSFORMERS, AND ALL PERMANENT STRUCTURES. SERVICE LATERALS REQUIRE 5 FEET LESS CLEARANCE FOR EACH OF THE UTILITIES; PROVIDED THAT WATER SERVICE LATERALS ARE INSTALLED INSIDE 3" SLEEVES. SEPARATION FROM TREES IS REDUCED TO 7.5' FOR PRESSURIZED MAINS AND SERVICES AND 10' (MINIMUM) FOR GRAVITY MAINS AND SERVICES. (SEE APPENDIX C OF GRU'S DESIGN STANDARDS AND CONSTRUCTION DETAILS FOR POTABLE WATER, WASTEWATER, AND RECLAIMED WATER - HORIZONTAL SEPARATION DISTANCES FOR PARALLEL AND PERPENDICULAR CLEARANCE FROM OTHER OBJECTS TABLE.)
6. POTABLE WATER SERVICES SHALL BE PROVIDED TO EACH LOT, BUILDING, OR PARCEL REQUIRING A SEPARATE WATER METER. FOR COMMERCIAL, MULTIFAMILY, AND INSTITUTIONAL DEVELOPMENTS, THE DEVELOPER SHALL BE RESPONSIBLE FOR INSTALLING POTABLE WATER SERVICES AND YOKE ASSEMBLY PACKAGE UP TO AND INCLUDING THE METER YOKE, BOX (INSTALLED AT FINAL GRADE) AND ASSOCIATED APPURTENANCES, FOR METERS 1" AND SMALLER (SEE GRU W/WW/RCW CONSTRUCTION DETAIL W - 8.0), WITH A ONE-YEAR WARRANTY.
7. 2" VALVES SHALL BE GRU APPROVED CAST IRON, RESILIENT SEAT GATE VALVES WITH STANDARD 2" OPERATING NUT, THREADED WITH BRASS NIPPLE BETWEEN THE VALVE AND TAPPING SADDLE OR TAPPED TEE.
8. WATER MAINS 4" IN DIAMETER AND GREATER, PLACED UNDER ROADWAYS, SHALL BE CEMENT LINED DUCTILE IRON PIPE (CLDIP) EXTENDING 5 FEET PAST THE BACK OF CURB (3 FEET WITHIN CITY OF GAINESVILLE LIMITS). TRACER WIRE INSTALLED ON PVC WATER MAINS SHALL CONTINUE ACROSS THE CLDIP SECTIONS.
9. 1" OR 2" WATER SERVICE CROSSINGS LOCATED UNDER ROADWAYS SHALL BE ENCASED IN 3" SCH 40 PVC EXTENDING 5' PAST THE BACK OF CURB (3 FEET INSIDE CITY OF GAINESVILLE LIMITS).
10. ANCHOR TEES, ANCHOR COUPLINGS (SOLID X SWIVEL), AND ANCHOR BENDS (SWIVEL X SWIVEL) SHALL BE USED ON ALL FIRE HYDRANT ASSEMBLIES.
11. ALL PRESSURIZED MAIN FITTINGS AND VALVES SHALL BE MECHANICAL JOINT WITH RESTRAINED JOINT GLANDS; A SUFFICIENT LENGTH OF THE PUSH-ON PIPE CONNECTED TO THE FITTINGS SHALL BE MECHANICALLY RESTRAINED TO PROVIDE REACTION AS SPECIFIED ON THE RESTRAINED JOINT STANDARD IN THE CONSTRUCTION DETAILS OF THE GRU STANDARDS (W - 2.8 & 2.9, RCW - 2.8 & 2.9, AND WW - 2.4 & 2.5). CALCULATIONS FOR REQUIRED RESTRAINT LENGTH MUST BE PROVIDED IF THE SPECIFIED RESTRAINT LENGTH, DUE TO SOIL TYPE OR DEPTH OF COVER, DIFFERS FROM THOSE PROVIDED ON THESE DETAILS. RESTRAINED LENGTH MUST BE INDICATED ON THE PLANS.
12. ALL SANITARY WASTEWATER SERVICE LATERALS SHALL BE MIN. 4" DIAMETER PVC (SDR 26 PIPE AND FITTINGS) AT 1.00% MIN. SLOPE UNLESS OTHERWISE LABELED.
13. ALL WASTEWATER CLEANOUT COVERS SHALL BE RATED FOR TRAFFIC LOAD BEARING.
14. MANHOLES WHICH ARE NOT INSTALLED UNDER PAVEMENT SHALL HAVE A RIM ELEVATION AT LEAST 6" ABOVE FINISHED GRADE, AND A 10:1 SODDED SLOPE DOWN TO FINISHED GRADE.
15. THE FINISHED FLOOR ELEVATIONS OF BUILDINGS SHALL BE A MINIMUM OF 6" ABOVE THE LOWEST UPSTREAM MANHOLE TOP. IF THIS IS INFEASIBLE, A WASTEWATER SERVICE LATERAL BACKWATER VALVE (BWV) WITH SEWER RELIEF VALVE IS REQUIRED ON THE CUSTOMER SIDE OF THE CLEANOUT.
16. WHEN A POTABLE OR RECLAIMED WATER MAIN, OR A WASTEWATER FORCE MAIN IS ROUTED WITHIN 10 FT. OF AN ELECTRIC TRANSFORMER, A 20 FT. LENGTH OF CLDIP SHALL BE CENTERED ON THE TRANSFORMER WITH MECHANICAL RESTRAINT AT EACH END. NO FITTINGS, PIPE JOINTS, OR VALVES SHALL OCCUR WITHIN 10 FT. OF THE NEAREST EDGE OF THE TRANSFORMER. A MINIMUM CLEARANCE OF 3' SHALL BE MAINTAINED BETWEEN THE MAIN AND THE TRANSFORMER.

GRUCOM NOTES

1. CONDUIT SHALL BE 2" MIN. WITH TRACER WIRE AND PULL STRINGS AT MIN. 30" DEPTH.
2. UJBS TO BE APPROXIMATELY 30" W X 48" L X 30" H. SERVICE ENCLOSURES TO BE APPROXIMATELY 18" W X 30" L X 18" H. STANDARD RADIUS 24" ELBOWS TO BE USED AT BOXES.

11801 Research Drive
Alachua, Florida 32615
(352) 331-1976
www.chw-inc.com
CHW Professional Consultants
est. 1988 FLORIDA CA-5075

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
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3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: MASTER UTILITY PLAN

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201
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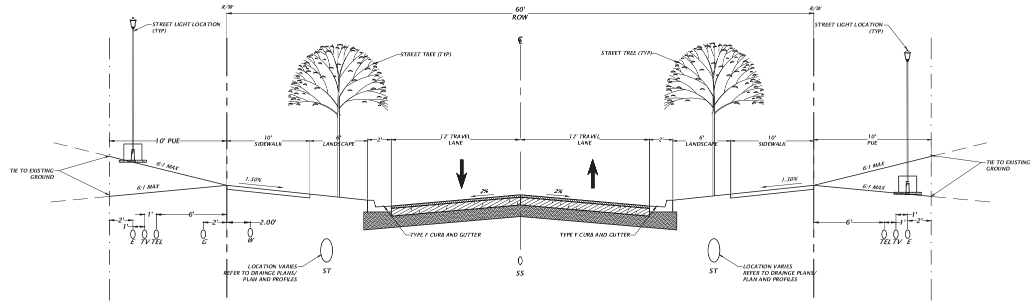
FL PE No. 94201

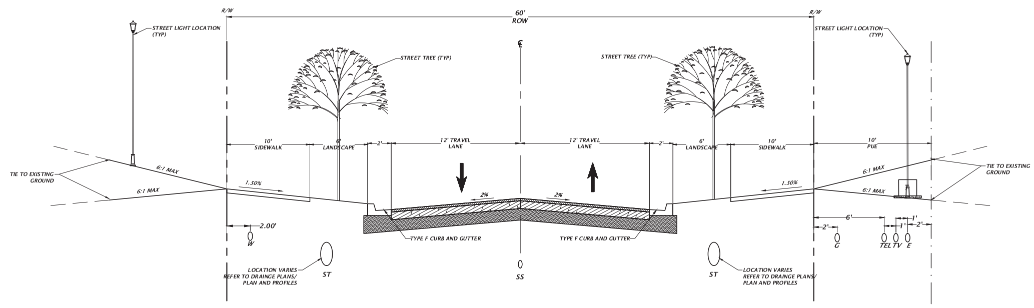
SHEET NO.: C3.00

Tech: kurtm Plot Date: May 08,2023 9:28am Filename: N:\2021\21-0295\departments\04_engineering\02_DWGs\production files .05\21-0295.05 C3.00 MUT Eastside Infrastructure.dwg



TYPICAL 60' RIGHT-OF-WAY
CROSS SECTION
DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH
NTS

STREET A
STREET B (STA 30+00 - STA 36+66.54)



TYPICAL 60' RIGHT-OF-WAY
CROSS SECTION
DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH
NTS

STREET B (STA 36+66.54 - 40+18.05)

LEGEND
E = ELECTRIC
FO = FIBER OPTIC
FM = FORCEMAIN
G = GAS
SS = SANITARY SEWER
ST = STORM
TEL = TELEPHONE
TV = CABLE TELEVISION
W = WATER

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3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: TYPICAL ROADWAY SECTION

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201

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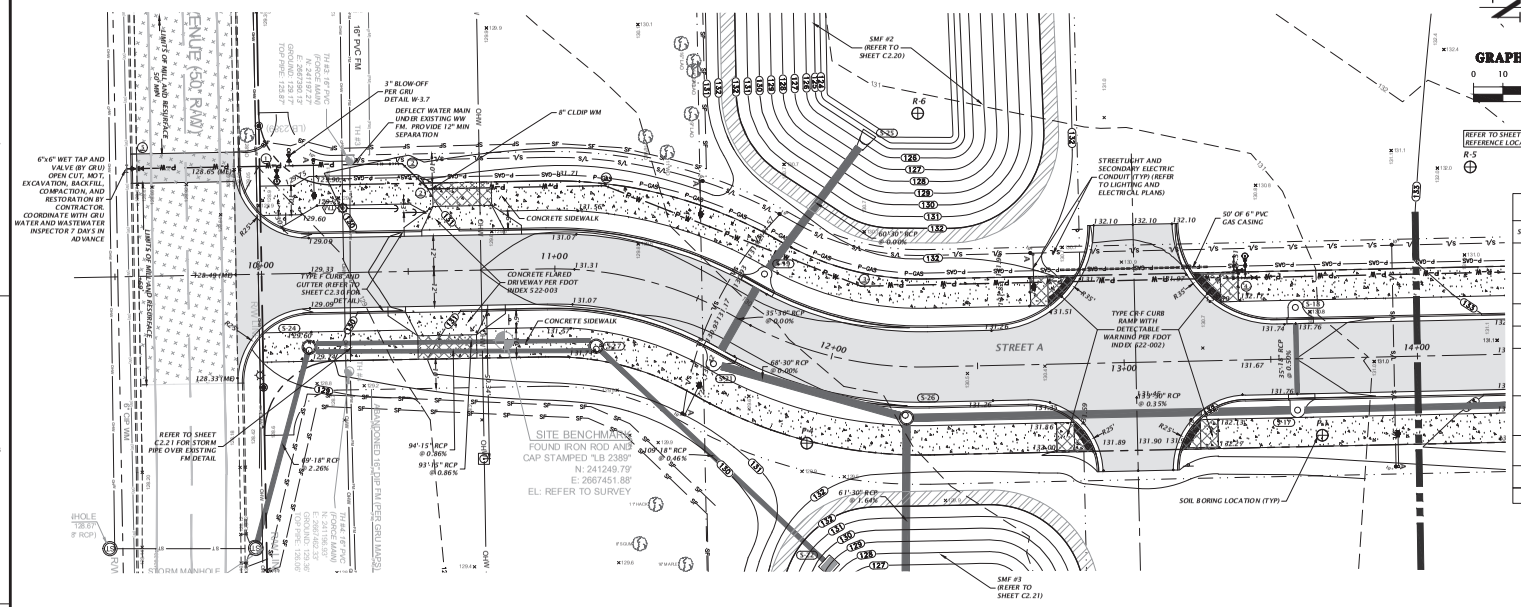
FL PE No. 94201

SHEET NO.: C4.01

Approved
2022-A-291-00044
Bradley Adams
7/14/2023



STORMWATER STRUCTURE TABLE

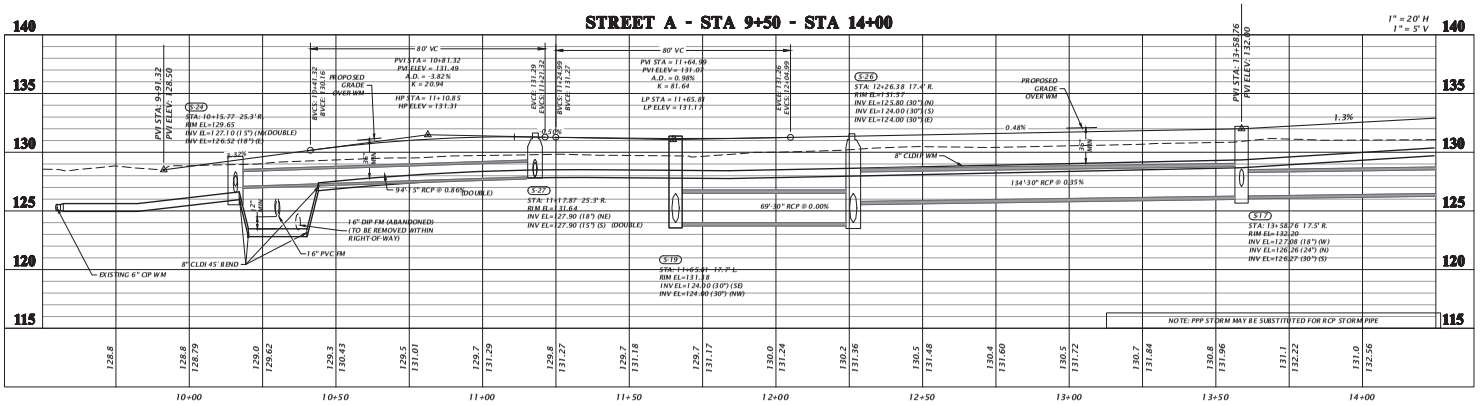
STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-17	TYPE 3 CURB INLET (LEFT) PER FDOT INDEX 425-020 AND 425-010	132.20	127.08 W 126.86 N 126.27 S	18" 24" 30"	N: 241520.19 E: 2667475.56
S-18	TYPE 3 CURB INLET (RIGHT) PER FDOT INDEX 425-020 AND 425-010	132.21	127.25 E	18"	N: 241518.42 E: 2667440.57
S-19	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	131.38	124.00 SE 124.00 NW	30" 30"	N: 241338.45 E: 2667429.16
S-21	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	131.37	124.00 NW 124.00 N	30" 30"	N: 241321.07 E: 2667459.74
S-22	OUTFALL STRUCTURE MODIFIED TYPE D INLET PER FDOT INDEX 425-052 (REFER TO SHEET C2.22 FOR DETAIL)	131.50	128.40 SW	18"	N: 241360.46 E: 2667528.52
S-24	TYPE 7 MANHOLE PER FDOT INDEX 425-001 (1 OR 2 PIECE COVER (CENTER), RECTANGULAR BOTTOM)	129.65	127.10 N 126.52 E	15" (2) 18"	N: 241118.23 E: 2667454.16
S-26	MANHOLE PER FDOT INDEX 425-001 AND 425-010	131.57	125.80 N 124.00 S 124.00 E	30" 30" 30"	N: 241386.89 E: 2667478.19
S-27	MANHOLE PER FDOT INDEX 425-001 AND 425-010	131.64	127.90 NE 127.90 S	18" 15" (2)	N: 241281.08 E: 2667453.77

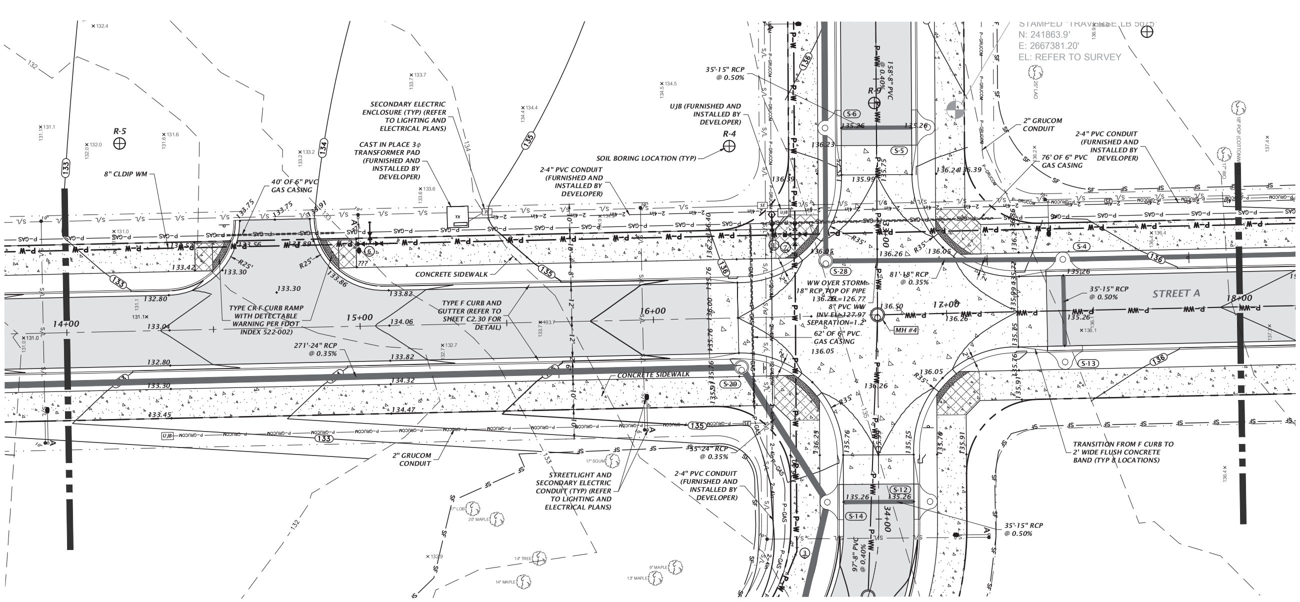
NOTE: PPP STORM MAY BE SUBSTITUTED FOR RCP STORM PIPE

WATER FITTING SCHEDULE

1	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY
2	1 - 8" CLDI 45° BEND
3	1 - 8" CLDI 22 1/2° BEND
4	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY 2 - 8" GATE VALVE AND BOX 1 - 6"x2" TAPPING SADDLE 1 - 2" GATE VALVE AND BOX 1 - 2" BRASS 90° BEND 1 - 2" BRASS CAP
5	1 - 8"x6" CLDI REDUCER
6	1 - 8"x8" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 3 - 8" GATE VALVE AND BOX 1 - 8" DI CAP
7	1 - 8" CLDI CROSS 4 - 8" GATE VALVE AND BOX
8	1 - 8" CLDI 11 1/4° BEND
9	2 - 8" GATE VALVE AND BOX 1 - 8" CLDI CAP 1 - 3" BLOW-OFF ASSEMBLY PER GRU WATER DETAIL W-3.7
10	1 - 8" CLDI 90° BEND

STREET A - STA 9+50 - STA 14+00





GRAPHIC SCALE

0 10 20 40

	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	CONCRETE SIDEWALK
	HEAVY DUTY CONCRETE SIDEWALK

REFER TO SHEET C1.00 FOR COORDINATE REFERENCE LOCATIONS.

REFER TO SHEET C2.30 FOR PAVEMENT AND SIDEWALK DETAILS

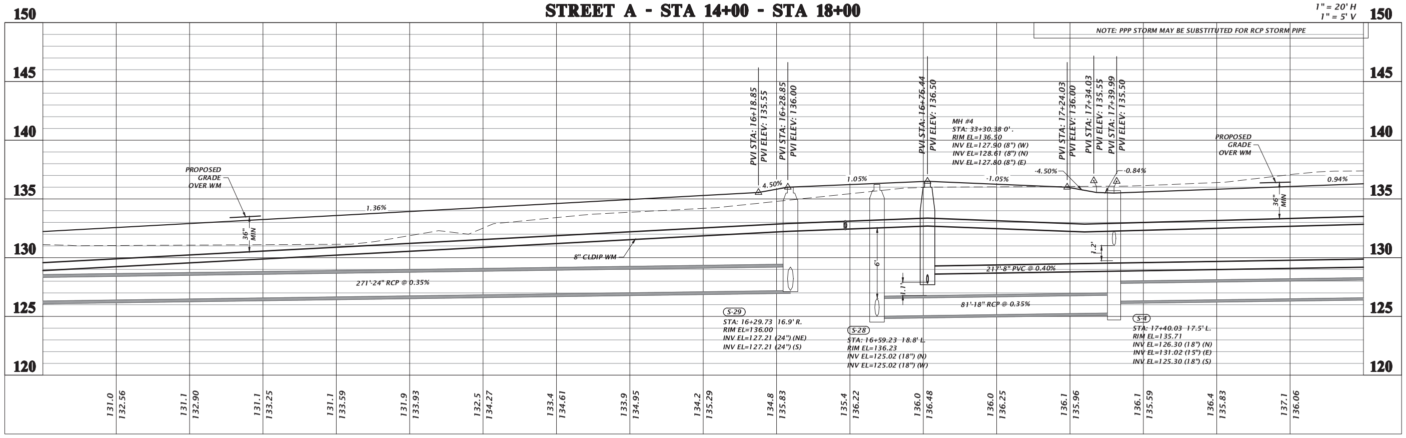
STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-4	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.71	126.30 N 125.30 S 131.02 E	18" 18" 15"	N: 241900.59 E: 2667432.18
S-5	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.71	131.20 S	15"	N: 241854.51 E: 2667387.18
S-6	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.71	131.02 N 124.86 W 124.86 E	15" 24" 18"	N: 241819.51 E: 2667387.40
S-12	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.70	131.50 S	15"	N: 241855.31 E: 2667514.75
S-13	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.71	131.20 W	15"	N: 241901.36 E: 2667467.17
S-14	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.70	131.33 N 127.40 SW 127.40 E	15" 24" 24"	N: 241820.31 E: 2667514.97
S-28	MANHOLE PER FDOT INDEX 425-001 AND 425-010	136.23	125.02 W 125.02 N	18" 18"	N: 241819.79 E: 2667432.69

NOTE: PPP STORM MAY BE SUBSTITUTED FOR RCP STORM PIPE

STREET A - STA 14+00 - STA 18+00

1" = 20' H
1" = 5' V



WATER FITTING SCHEDULE

1	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY
2	1 - 8" CLDI 45° BEND
3	1 - 8" CLDI 22 1/2° BEND
4	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY 2 - 8" GATE VALVE AND BOX 1 - 6"x2" TAPPING SADDLE 1 - 2" GATE VALVE AND BOX 1 - 2" BRASS 90° BEND 1 - 2" BRASS CAP
5	1 - 8"x6" CLDI REDUCER
6	1 - 8"x8" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 3 - 8" GATE VALVE AND BOX 1 - 8" DI CAP
7	1 - 8" CLDI CROSS 4 - 8" GATE VALVE AND BOX
8	1 - 8" CLDI 11 1/4° BEND
9	2 - 8" GATE VALVE AND BOX 1 - 8" CLDI CAP 1 - 3" BLOW-OFF ASSEMBLY PER GRU WATER DETAIL W-3.7
10	1 - 8" CLDI 90° BEND

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CONSTRUCTION/BID REVISIONS:

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4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201

FL PE No. 94201

SHEET NO.: C4.11

Tech: kurtm Plot Date: May 08,2023 9:30am Filename: N:\2021\21-0295\departments\04_engineering\02_DWGs\production files .05\21-0295.05 C4.10 RDPP Eastside Infrastructure.dwg

ASPHALT PAVEMENT
CONCRETE PAVEMENT
CONCRETE SIDEWALK
HEAVY DUTY CONCRETE SIDEWALK

REFER TO SHEET C2.30 FOR PAVEMENT AND SIDEWALK DETAILS

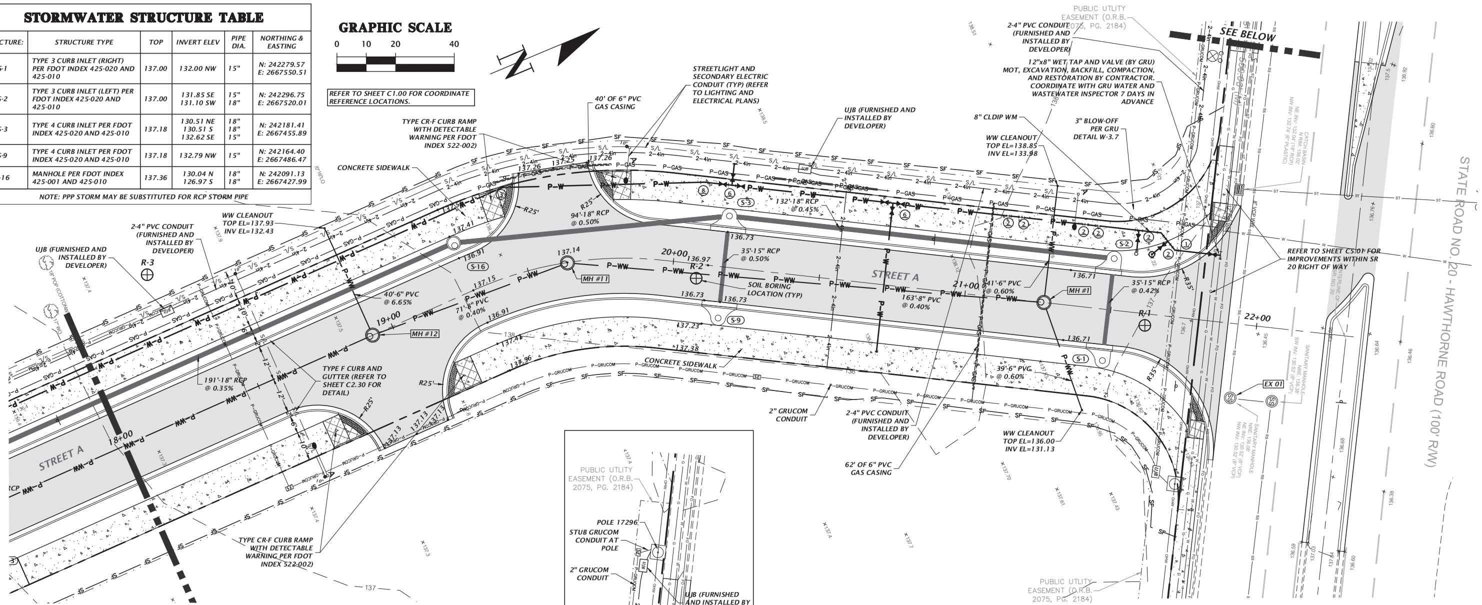
STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-1	TYPE 3 CURB INLET (RIGHT) PER FDOT INDEX 425-020 AND 425-010	137.00	132.00 NW	15"	N: 242279.57 E: 2667550.51
S-2	TYPE 3 CURB INLET (LEFT) PER FDOT INDEX 425-020 AND 425-010	137.00	131.85 SE 131.10 SW	15" 18"	N: 242296.75 E: 2667520.01
S-3	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	137.18	130.51 NE 130.51 S 132.62 SE	18" 18" 15"	N: 242181.41 E: 2667455.89
S-9	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	137.18	132.79 NW	15"	N: 242164.40 E: 2667486.47
S-16	MANHOLE PER FDOT INDEX 425-001 AND 425-010	137.36	130.04 N 126.97 S	18" 18"	N: 242091.13 E: 2667427.99

NOTE: PPP STORM MAY BE SUBSTITUTED FOR RCP STORM PIPE

GRAPHIC SCALE
0 10 20 40

REFER TO SHEET C1.00 FOR COORDINATE REFERENCE LOCATIONS.



SANITARY SEWER STRUCTURE TABLE

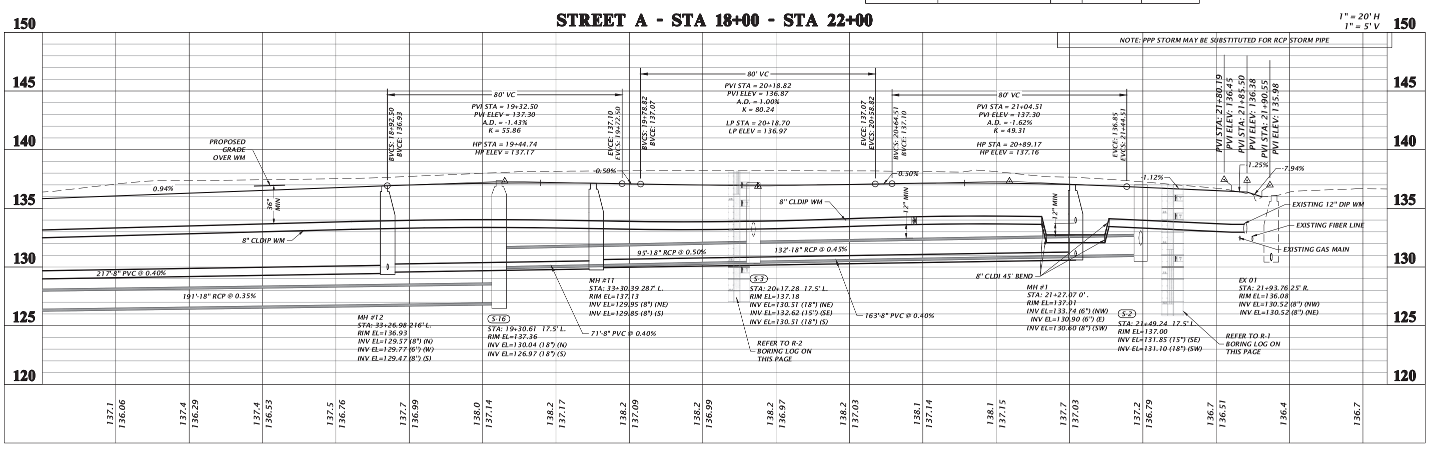
STRUCTURE NAME:	STRUCTURE TYPE	TOP	INVERT ELEV	NORTHING & EASTING
MH #1	WW MANHOLE PER GRU STANDARDS	137.01	130.60 (8") SW 133.74 (6") NW 130.90 (6") E	N: 242268.87 E: 2667524.53
MH #11	WW MANHOLE PER GRU STANDARDS	137.13	129.95 (8") NE 129.85 (8") S	N: 242124.27 E: 2667449.29
MH #12	WW MANHOLE PER GRU STANDARDS	136.93	129.57 (8") N 129.47 (8") S 129.77 (6") W	N: 242053.53 E: 2667446.32

WATER FITTING SCHEDULE

1	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY
2	1 - 8" CLDI 45˚ BEND
3	1 - 8" CLDI 22 1/2˚ BEND
4	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY 2 - 8" GATE VALVE AND BOX 1 - 6"x2" TAPPING SADDLE 1 - 2" GATE VALVE AND BOX 1 - 2" BRASS 90˚ BEND 1 - 2" BRASS CAP
5	1 - 8"x6" CLDI REDUCER
6	1 - 8"x8" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 3 - 8" GATE VALVE AND BOX 1 - 8" DI CAP
7	1 - 8" CLDI CROSS 4 - 8" GATE VALVE AND BOX
8	1 - 8" CLDI 11 1/4˚ BEND
9	2 - 8" GATE VALVE AND BOX 1 - 8" CLDI CAP 1 - 3" BLOW-OFF ASSEMBLY PER GRU WATER DETAIL W-3.7
10	1 - 8" CLDI 90˚ BEND

STREET A - STA 18+00 - STA 22+00

1" = 20' H
1" = 5' V



DATE PERFORMED 6/13/2022 **BORING NUMBER R-1**
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS: LOGGED BY WDI
AT TIME OF DRILLING 5.0 ft CHECKED BY AXL
ESTIMATED SEASONAL HIGH 3.0 ft
NOTES

DEPTH (ft)	SAMPLE TYPE NUMBER	MATERIAL DESCRIPTION	
0.0		(SP) Gray SAND	
	AU 1		2.0
2.5		(SP) Pale brown SAND	
	AU 2		
5.0			5.5
	AU 3	(SM) Gray silty SAND	
7.5			
10.0		Bottom of borehole at 10.0 feet.	10.0

DATE PERFORMED 6/13/2022 **BORING NUMBER R-2**
DRILLING CONTRACTOR Whitaker Drilling, Inc.
GROUND WATER LEVELS: LOGGED BY WDI
AT TIME OF DRILLING 5.2 ft CHECKED BY AXL
ESTIMATED SEASONAL HIGH 3.0 ft
NOTES

DEPTH (ft)	SAMPLE TYPE NUMBER	MATERIAL DESCRIPTION	
0.0		(SP-SM) Brown and orange SAND with silt	
	AU 1		2.0
2.5	AU 2	(SP) Tan SAND	
5.0			
7.5			
	AU 3		
10.0		Bottom of borehole at 10.0 feet.	10.0

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CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN
Walker Fain Owen State of Florida, Professional Engineer, License No. 94201
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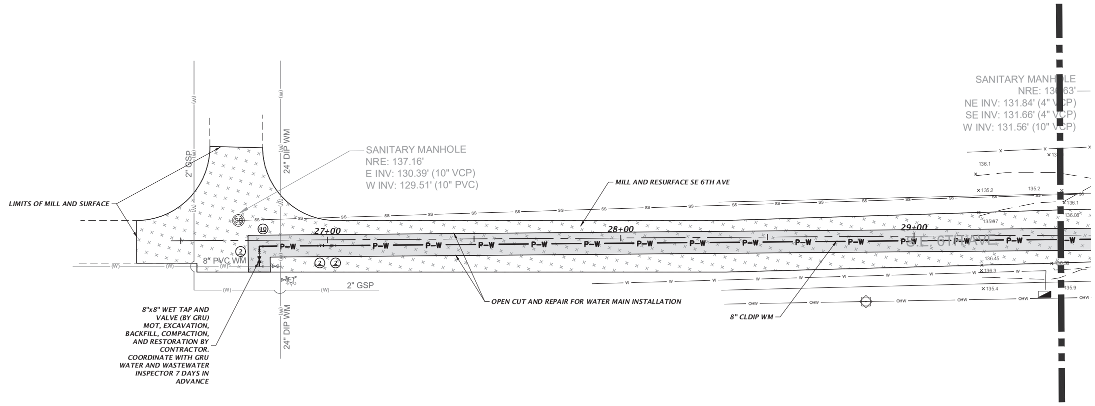
SHEET NO.: C4.12



STREET B - STA 26+25 - STA 29+50

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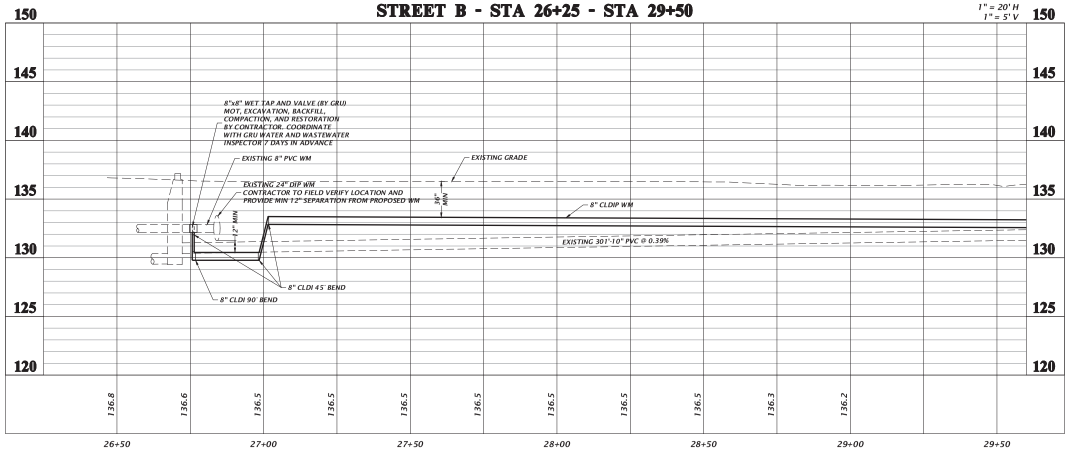

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GRAPHIC SCALE

0 10 20 40

REFER TO SHEET C1.00 FOR COORDINATE REFERENCE LOCATIONS.

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-7	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.88	124.04 E 124.04 S 124.04 N	24" 24" 24"	N: 241818.04 E: 2667154.00
S-8	FLARED END SECTION PER FDOT INDEX 430-020	N/A	123.74 N	24"	N: 241732.67 E: 2667165.94
S-15	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.88	124.16 S 124.16 N	24" 24"	N: 241853.01 E: 2667153.78

NOTE: PPP STORM MAY BE SUBSTITUTED FOR RCP STORM PIPE

- MILL AND RESURFACE
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- HEAVY DUTY CONCRETE SIDEWALK

REFER TO SHEET C2.30 FOR PAVEMENT AND SIDEWALK DETAILS

WATER FITTING SCHEDULE	
1	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY
2	1 - 8" CLDI 45° BEND
3	1 - 8" CLDI 22 1/2° BEND
4	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY 2 - 8" GATE VALVE AND BOX 1 - 6"x2" TAPPING SADDLE 1 - 2" GATE VALVE AND BOX 1 - 2" BRASS 90° BEND 1 - 2" BRASS CAP
5	1 - 8"x6" CLDI REDUCER
6	1 - 8"x8" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 3 - 8" GATE VALVE AND BOX 1 - 8" DI CAP
7	1 - 8" CLDI CROSS 4 - 8" GATE VALVE AND BOX
8	1 - 8" CLDI 11 1/4° BEND
9	2 - 8" GATE VALVE AND BOX 1 - 8" CLDI CAP 1 - 3" BLOW-OFF ASSEMBLY PER GRU WATER DETAIL W-3.7
10	1 - 8" CLDI 90° BEND

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PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201

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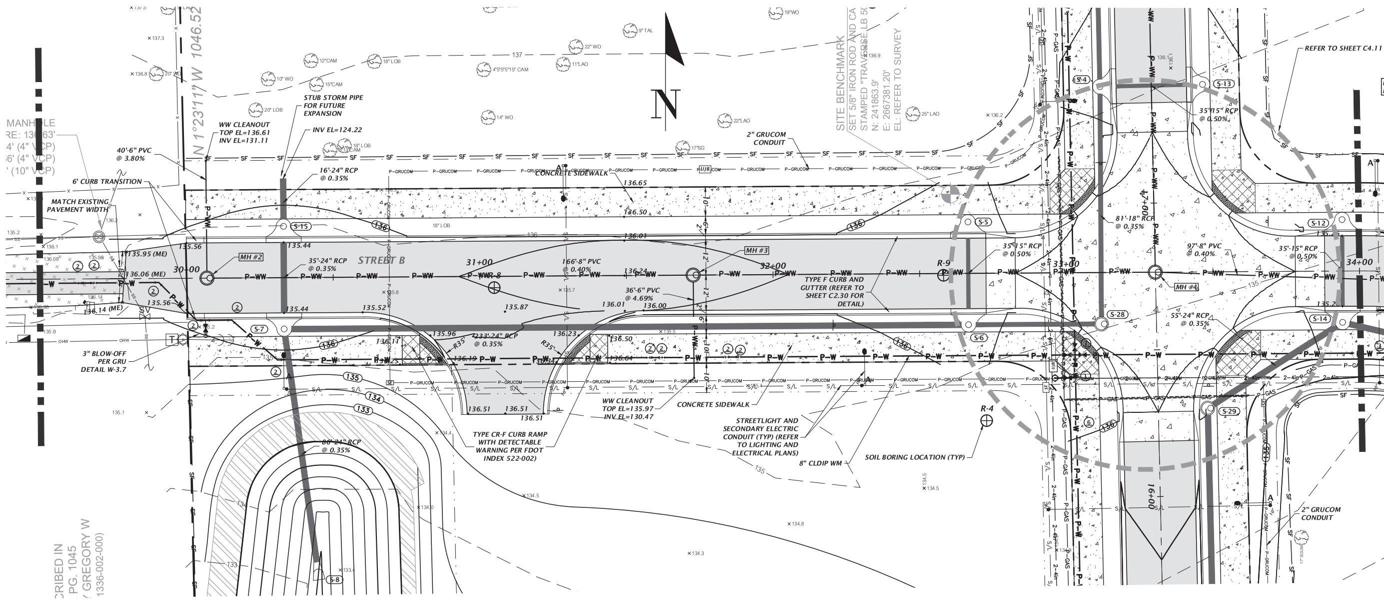

GRAPHIC SCALE

0 10 20 40

REFER TO SHEET C1.00 FOR COORDINATE REFERENCE LOCATIONS.

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- HEAVY DUTY CONCRETE SIDEWALK

REFER TO SHEET C2.30 FOR PAVEMENT AND SIDEWALK DETAILS

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-4	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.71	126.30 N 125.30 S 131.02 E	18" 18" 15"	N: 241900.59 E: 2667432.18
S-5	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.71	131.20 S	15"	N: 241854.51 E: 2667387.18
S-6	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.71	131.02 N 124.86 W 124.86 E	15" 24" 18"	N: 241819.51 E: 2667387.40
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S-8	FLARED END SECTION PER FDOT INDEX 430-020	N/A	123.74 N	24"	N: 241732.67 E: 2667165.94
S-12	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.70	131.50 S	15"	N: 241855.31 E: 2667514.75
S-13	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.71	131.20 W	15"	N: 241901.36 E: 2667467.17
S-14	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.70	131.33 N 127.40 SW 127.40 E	15" 24" 24"	N: 241820.31 E: 2667514.97
S-15	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	135.88	124.16 S 124.16 N	24" 24"	N: 241853.01 E: 2667153.78
S-28	MANHOLE PER FDOT INDEX 425-001 AND 425-010	136.23	125.02 W 125.02 N	18" 18"	N: 241819.79 E: 2667432.69

NOTE: PPP STORM MAY BE SUBSTITUTED FOR RCP STORM PIPE

SANITARY SEWER STRUCTURE TABLE

STRUCTURE NAME:	STRUCTURE TYPE	TOP	INVERT ELEV	NORTHING & EASTING
EX MH#2	EXISTING WW MANHOLE	136.63	131.56 (10") W 131.84 (4") N 131.66 (4") SE	N: 241849.36 E: 2667090.93
MH #2	WW MANHOLE PER GRU STANDARDS	135.75	129.29 (8") E 129.59 (6") N	N: 241835.38 E: 2667127.67
MH #3	WW MANHOLE PER GRU STANDARDS	136.20	128.63 (8") W 128.83 (6") S 128.53 (8") E	N: 241836.42 E: 2667293.47

STREET B - STA 29+50 - STA 34+00

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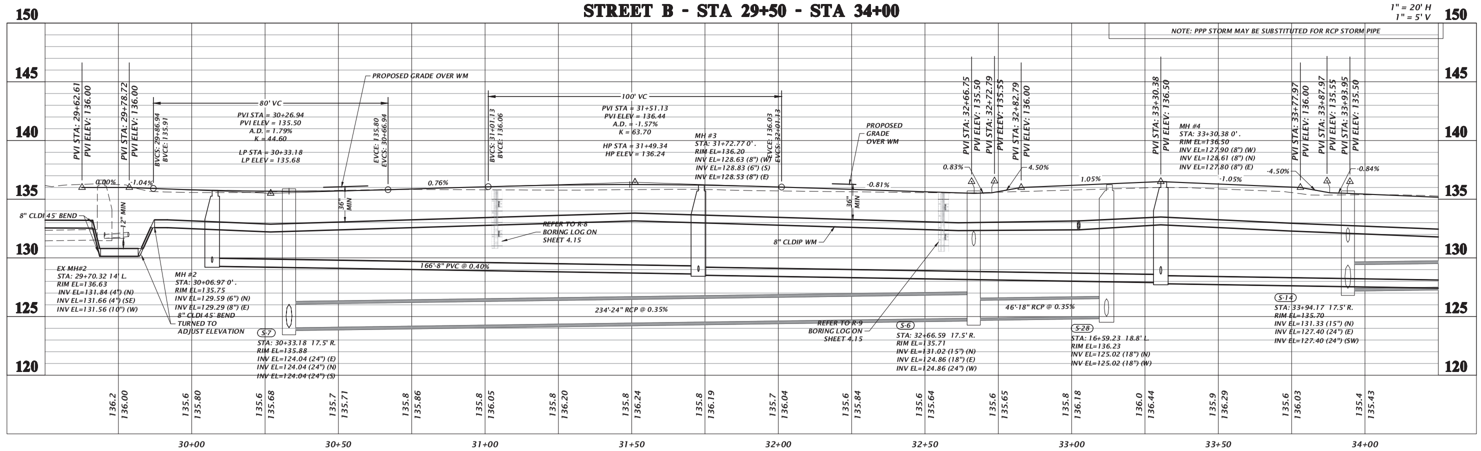

WATER FITTING SCHEDULE

1	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY
2	1 - 8" CLDI 45° BEND
3	1 - 8" CLDI 22 1/2° BEND
4	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY 2 - 8" GATE VALVE AND BOX 1 - 6"x2" TAPPING SADDLE 1 - 2" GATE VALVE AND BOX 1 - 2" BRASS 90° BEND 1 - 2" BRASS CAP
5	1 - 8"x6" CLDI REDUCER
6	1 - 8"x8" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 3 - 8" GATE VALVE AND BOX 1 - 8" DI CAP
7	1 - 8" CLDI CROSS 4 - 8" GATE VALVE AND BOX
8	1 - 8" CLDI 11 1/4° BEND
9	2 - 8" GATE VALVE AND BOX 1 - 8" CLDI CAP 1 - 3" BLOW-OFF ASSEMBLY PER GRU WATER DETAIL W-3.7
10	1 - 8" CLDI 90° BEND

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TECHNICIAN: K MERRITT
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QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201

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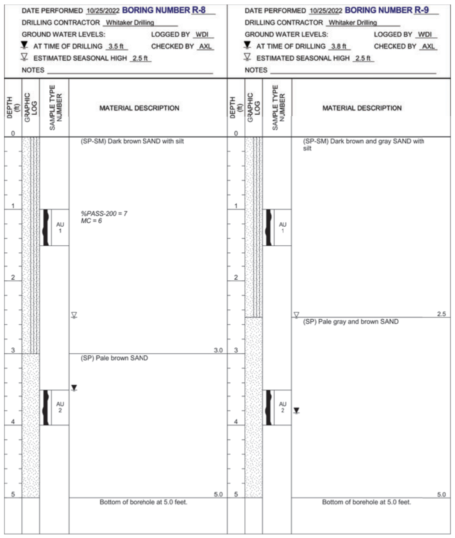

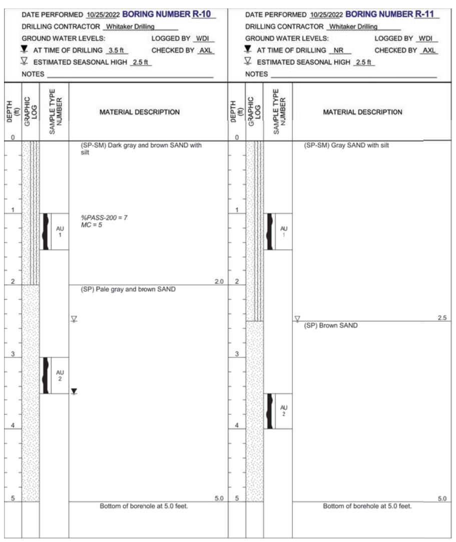

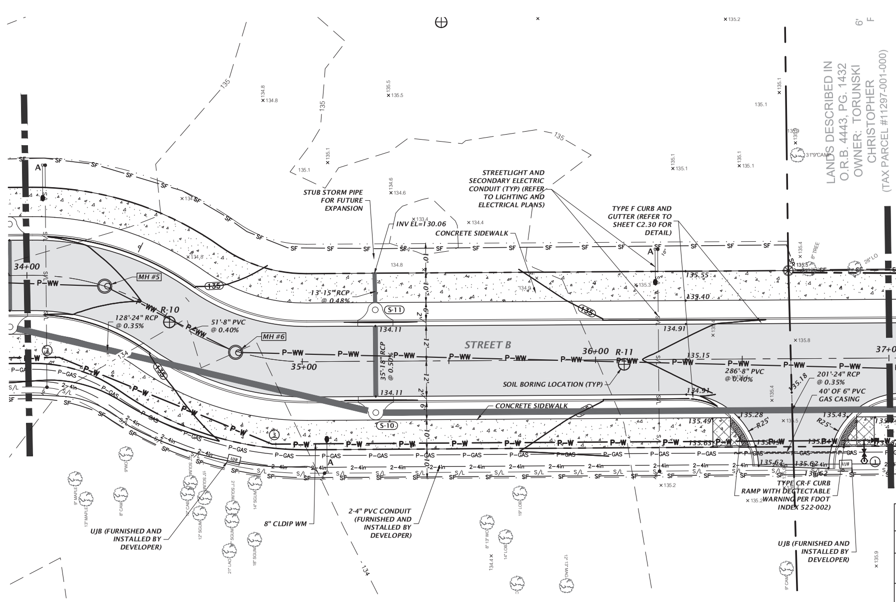

GRAPHIC SCALE

0 10 20 40

REFER TO SHEET C1.00 FOR COORDINATE REFERENCE LOCATIONS.

ASPHALT PAVEMENT

CONCRETE PAVEMENT

CONCRETE SIDEWALK

HEAVY DUTY CONCRETE SIDEWALK

REFER TO SHEET C2.30 FOR PAVEMENT AND SIDEWALK DETAILS

STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-10	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	134.55	129.82 N 127.85 W 127.85 E	18" 24" 24"	N: 241791.09 E: 2667639.69
S-11	TYPE 4 CURB INLET PER FDOT INDEX 425-020 AND 425-010	134.55	130.00 S 130.00 N	18" 15"	N: 241826.09 E: 2667639.47

NOTE: PPP STORM MAY BE SUBSTITUTED FOR RCP STORM PIPE

STREET B - STA 34+00 - STA 36+75

1" = 20' H
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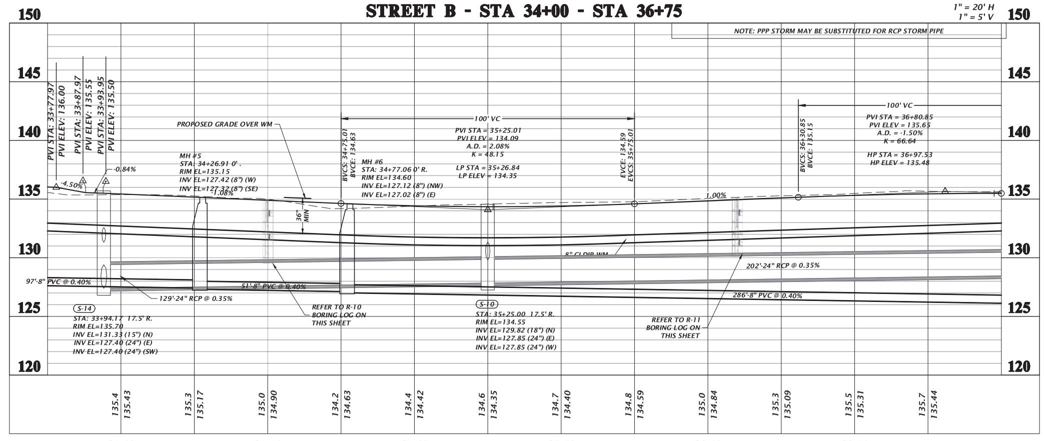

WATER FITTING SCHEDULE

1	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY
2	1 - 8" CLDI 45' BEND
3	1 - 8" CLDI 22 1/2' BEND
4	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY 2 - 8" GATE VALVE AND BOX 1 - 6"x2" TAPPING SADDLE 1 - 2" GATE VALVE AND BOX 1 - 2" BRASS 90' BEND 1 - 2" BRASS CAP
5	1 - 8"x6" CLDI REDUCER
6	1 - 8"x8" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 3 - 8" GATE VALVE AND BOX 1 - 8" DI CAP
7	1 - 8" CLDI CROSS 4 - 8" GATE VALVE AND BOX
8	1 - 8" CLDI 11 1/4' BEND
9	2 - 8" GATE VALVE AND BOX 1 - 8" CLDI CAP 1 - 3" BLOW-OFF ASSEMBLY PER GRU WATER DETAIL W-3.7
10	1 - 8" CLDI 90' BEND

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
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3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: K. MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen State of Florida, Professional Engineer, License No. 94201

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SHEET NO. C4.15

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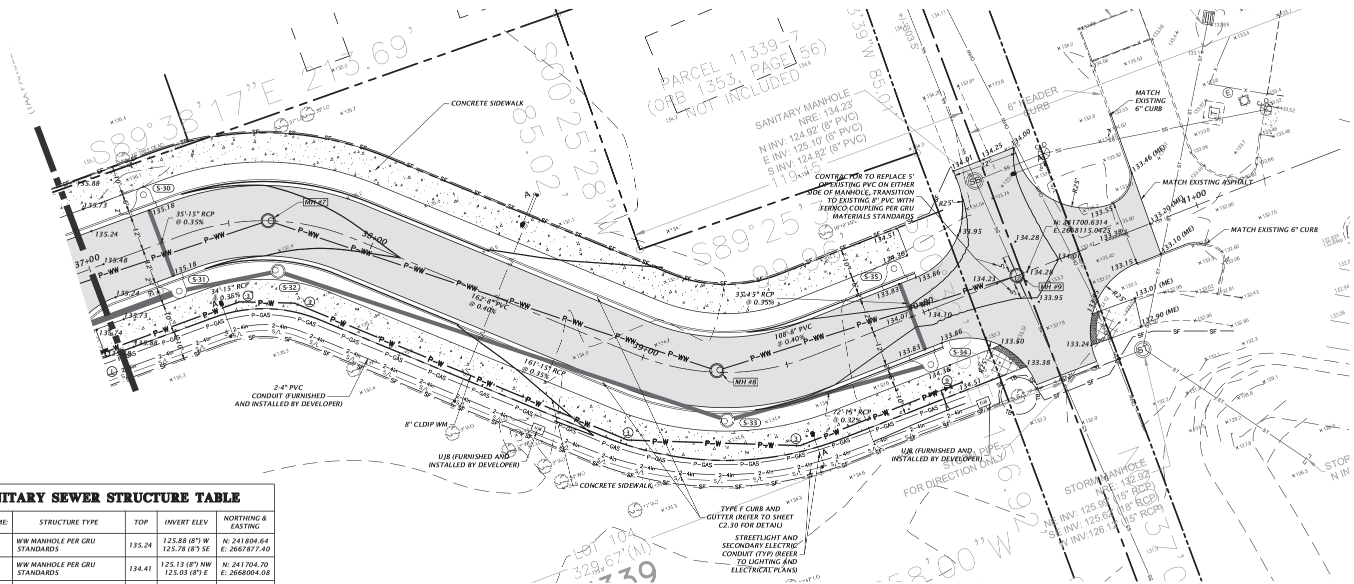
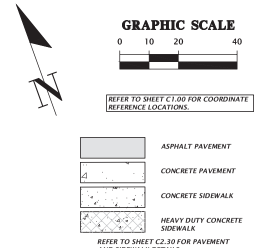


SANITARY SEWER STRUCTURE TABLE

STRUCTURE NAME:	STRUCTURE TYPE	TOP	INVERT ELEV	NORTHING & EASTING
MH #7	WW MANHOLE PER GRU STANDARDS	135.24	125.88 (8") W 125.78 (8") SE	N: 241804.64 E: 2667877.40
MH #8	WW MANHOLE PER GRU STANDARDS	134.41	125.13 (8") NW 125.03 (8") E	N: 241704.70 E: 2668004.08
MH #9	WW MANHOLE PER GRU STANDARDS	134.27	124.60 (8") W 124.38 (8") N 124.37 (8") S	N: 241700.53 E: 2668111.32



REFER TO SHEET C1.00 FOR COORDINATE REFERENCE LOCATIONS.

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK
- HEAVY DUTY CONCRETE SIDEWALK

REFER TO SHEET C2.30 FOR PAVEMENT AND SIDEWALK DETAILS

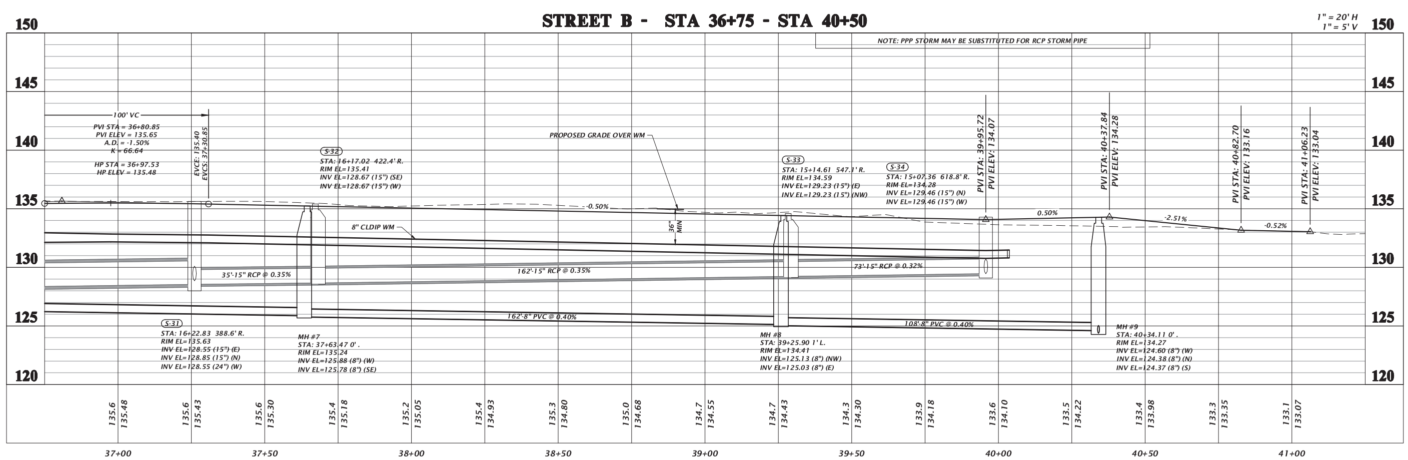
STORMWATER STRUCTURE TABLE

STRUCTURE:	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-30	TYPE 3 CURB INLET (LEFT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	135.63	128.97 S	15"	N: 241827.35 E: 2667840.38
S-31	TYPE 3 CURB INLET (RIGHT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	135.63	128.55 E 128.55 W 128.85 N	15" 24" 15"	N: 241792.35 E: 2667840.75
S-32	MANHOLE PER FDOT INDEX 425-001 AND 425-010	135.41	128.67 SE 128.67 W	15" 15"	N: 241787.29 E: 2667874.73
S-33	MANHOLE PER FDOT INDEX 425-001 AND 425-010	134.59	129.23 E 129.23 NW	15" 15"	N: 241687.65 E: 2668001.65
S-34	TYPE 3 CURB INLET (RIGHT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	134.28	129.46 N 129.46 W	15" 15"	N: 241681.98 E: 2668073.42
S-35	TYPE 3 CURB INLET (LEFT) WITH P BOTTOM PER FDOT INDEX 425-020 AND 425-010	134.28	129.58 S	15"	N: 241716.97 E: 2668072.69

NOTE: PPP STORM MAY BE SUBSTITUTED FOR RCP STORM PIPE

STREET B - STA 36+75 - STA 40+50

1" = 20' H
1" = 5' V



WATER FITTING SCHEDULE

1	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY
2	1 - 8" CLDI 45° BEND
3	1 - 8" CLDI 22 1/2° BEND
4	1 - 8"x6" CLDI ANCHORING TEE (MECHANICALLY RESTRAINED) 1 - 6" GATE VALVE AND BOX 1 - FIRE HYDRANT ASSEMBLY 2 - 8" GATE VALVE AND BOX 1 - 6"x2" TAPPING SADDLE 1 - 2" GATE VALVE AND BOX 1 - 2" BRASS 90° BEND 1 - 2" BRASS CAP
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8	1 - 8" CLDI 11 1/4° BEND
9	2 - 8" GATE VALVE AND BOX 1 - 8" CLDI CAP 1 - 3" BLOW-OFF ASSEMBLY PER GRU WATER DETAIL W-3.7
10	1 - 8" CLDI 90° BEND

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3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: ROADWAY PLAN AND PROFILE

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN
Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201
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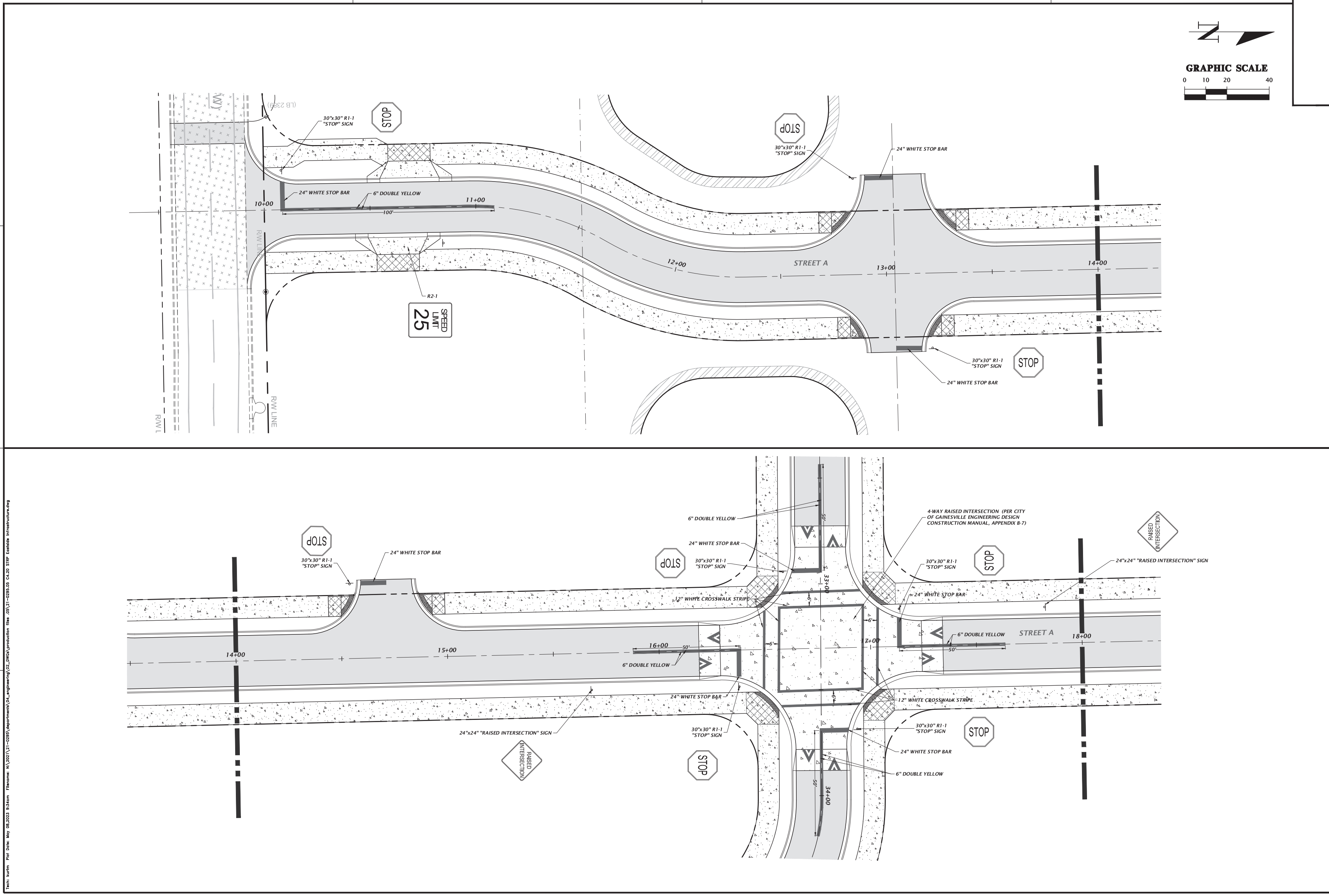

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4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: SIGNAGE AND STRIPING PLAN

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

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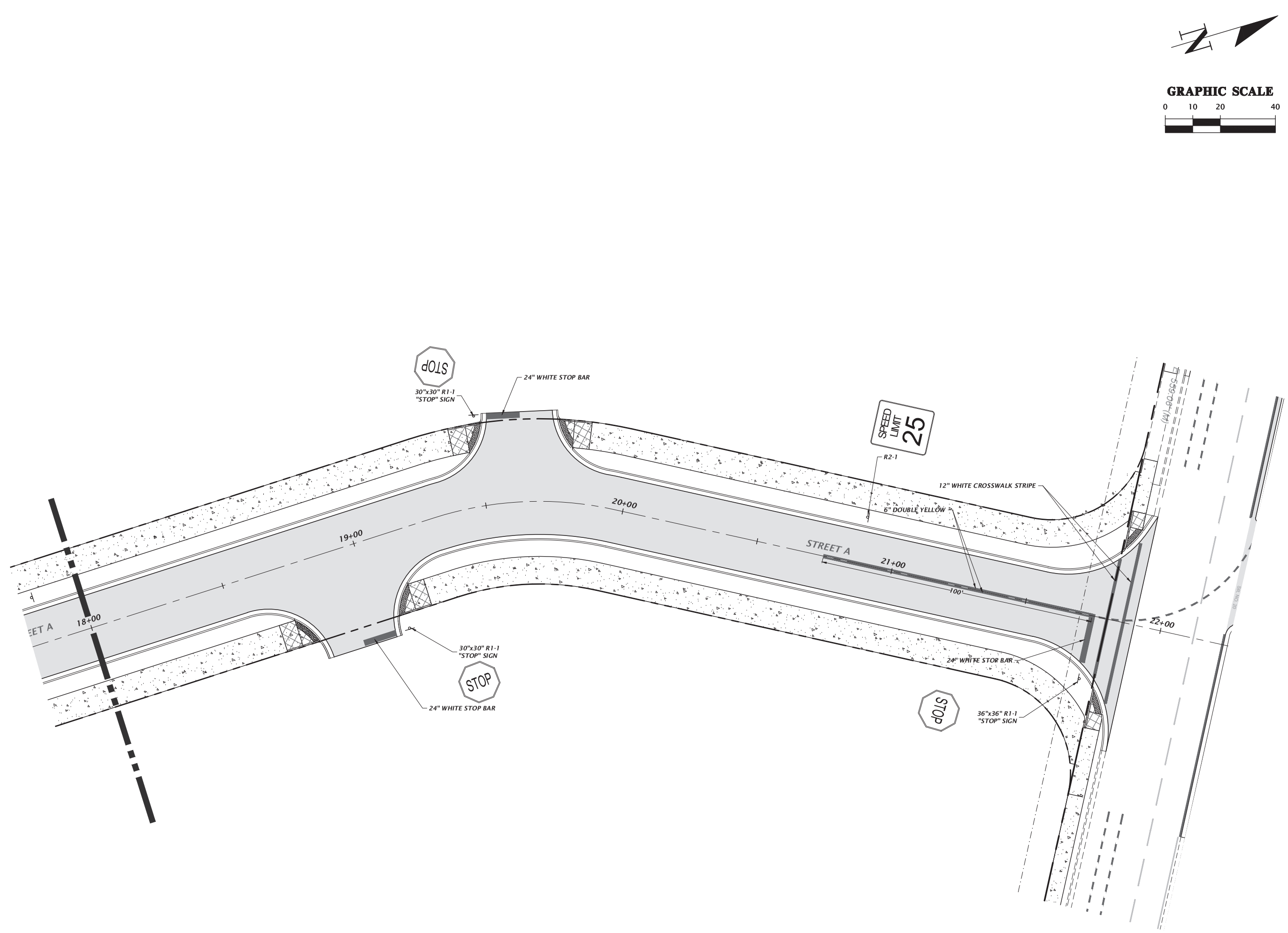
SHEET NO.: C4.20

Approved
2022-A-291-00044
Bradley Adams
7/14/2023



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3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY

PROJECT: EASTSIDE / GTEC INFRASTRUCTURE

SHEET TITLE: SIGNAGE AND STRIPING PLAN

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

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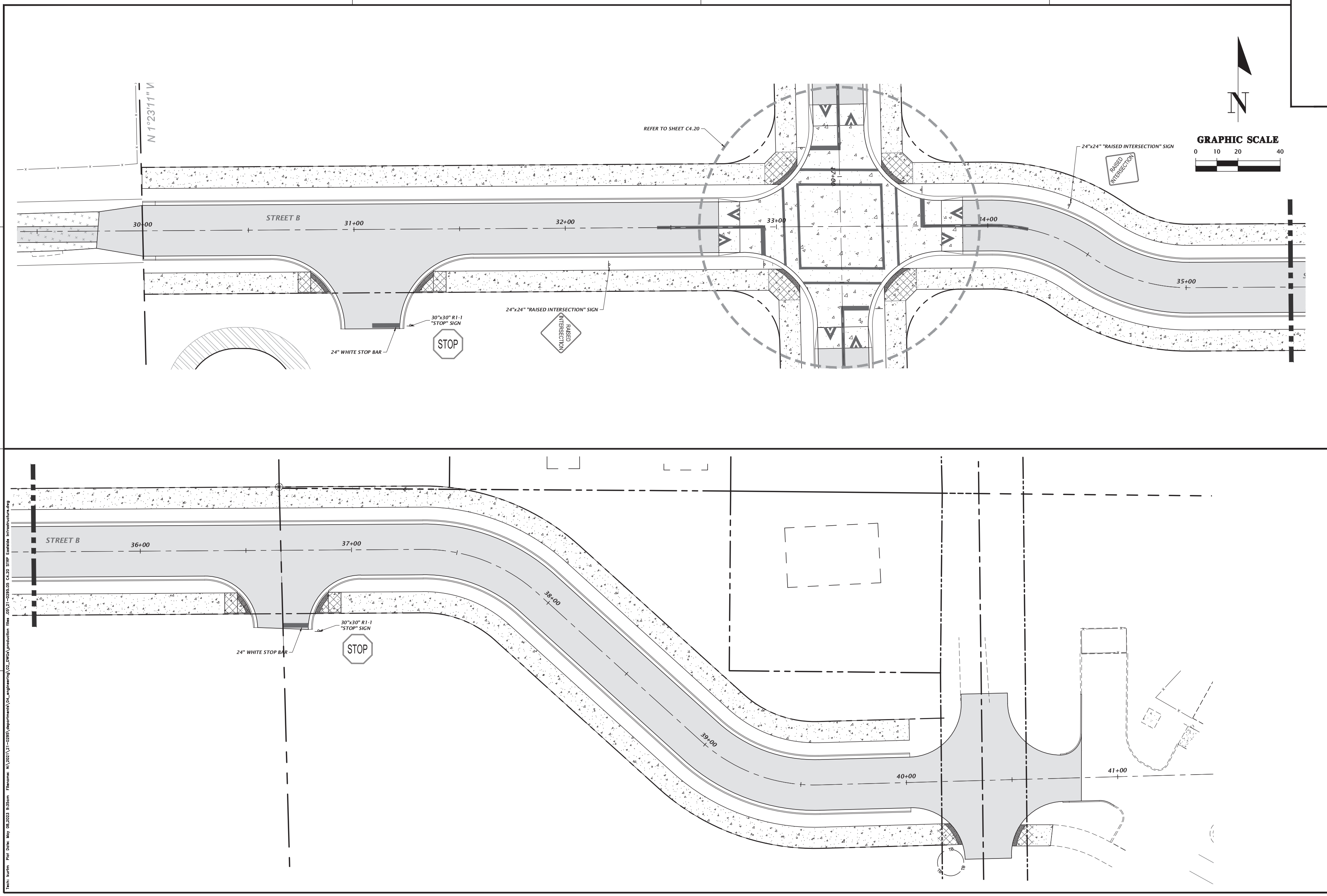

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CONSTRUCTION/BID REVISIONS:

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3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: SIGNAGE AND STRIPING PLAN

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

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SHEET NO. C4.22

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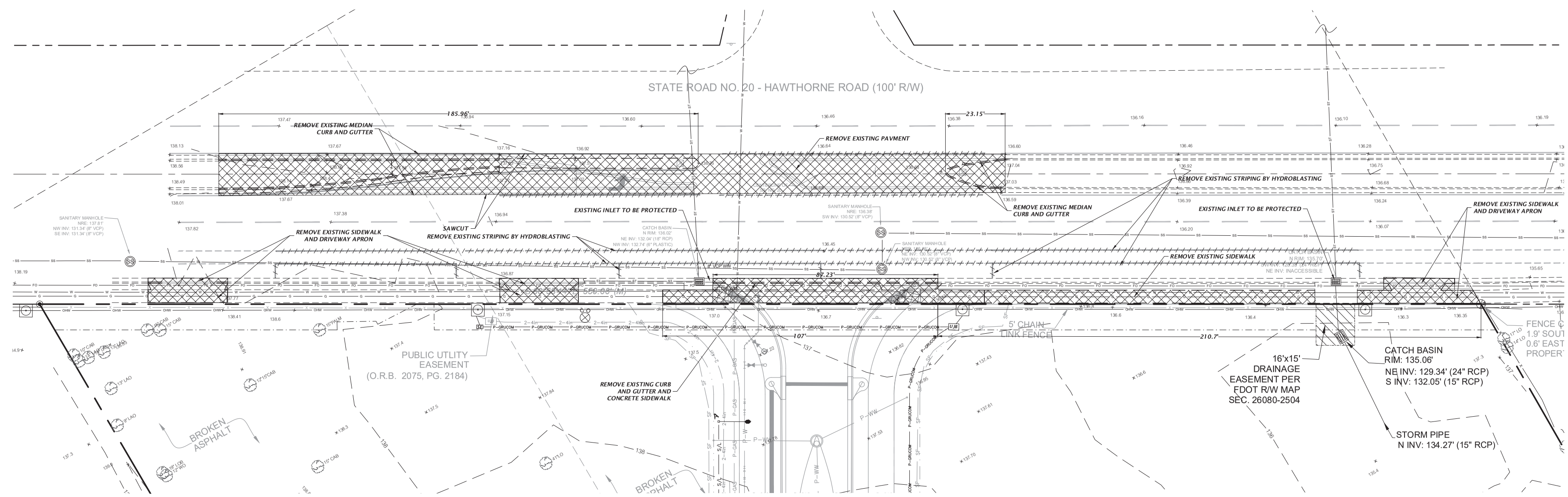

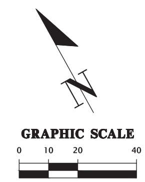

LEGEND

- EXISTING TREE TO BE REMOVED
- EXISTING FEATURES TO BE REMOVED
- TB — TREE BARRICADE
- SF — SILT FENCE

GRU GAS NOTES:

1. PLEASE CONTACT WESLEY LESTER, G.R.U. GAS OPERATIONS SUPERVISOR, AT PH.#: (352) 538-2570, 7 DAYS PRIOR TO THE START OF THE PROJECT.
2. PLEASE CONTACT WESLEY LESTER, G.R.U. GAS OPERATIONS SUPERVISOR, AT PH. # (352) 538-2570, 72 HOURS PRIOR TO DIGGING.

NOTES:

1. CONTRACTOR SHALL HAVE ALL SILT FENCE & TREE BARRICADES INSTALLED PRIOR TO ANY SITE WORK.
2. CONTRACTOR SHALL REPAIR/RESTORE ANY DISTURBED AREAS TO EXISTING OR BETTER CONDITION.
3. CONTRACTOR TO COORDINATE WITH DOH OR FDEP FOR PROPER REMOVAL AND DISPOSAL OF ANY EX. ONSITE SEPTIC SYSTEMS OR WELL SYSTEMS.
4. CONTRACTOR TO USE EXTREME CAUTION WHEN WORKING AROUND EXISTING ABOVE AND UNDERGROUND UTILITIES.
5. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH UTILITY COMPANY AS NEEDED TO SUPPORT POLES DURING CONSTRUCTION.

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4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: SR 20 DEMOLITION PLAN

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

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SHEET NO.: C5.00

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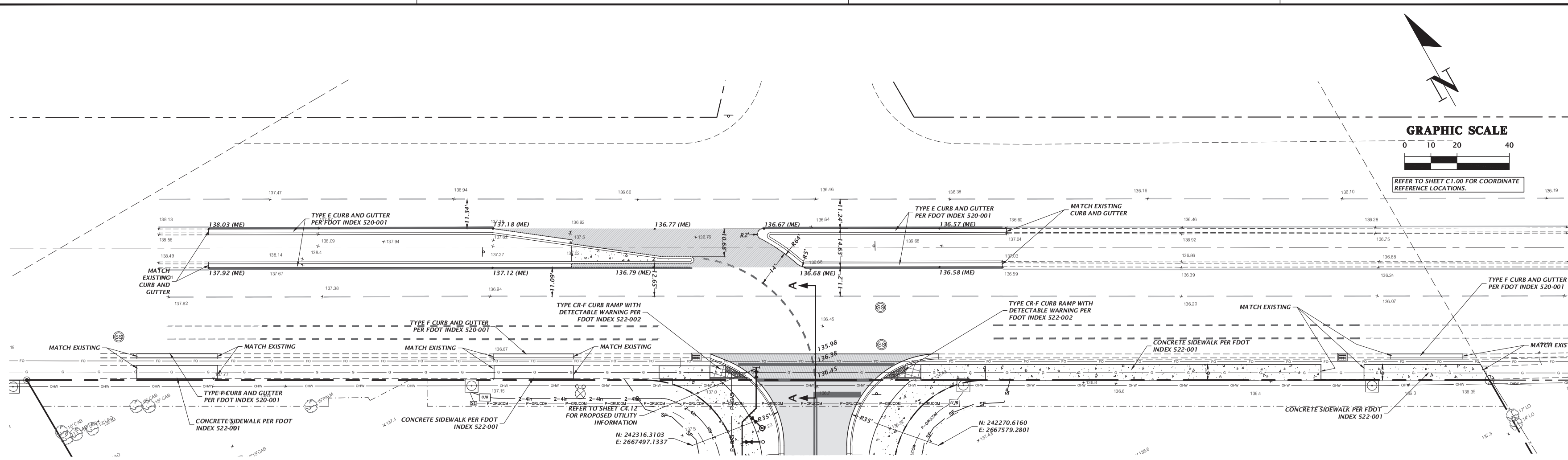
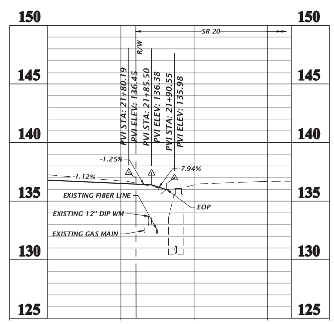


FDOT ASPHALT (REFER TO DETAIL ON SHEET C2.30)



SECTION A-A
H: 1" = 20'
V: 1"=5'

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4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: SR 20 IMPROVEMENTS

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

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SHEET NO. C5.01

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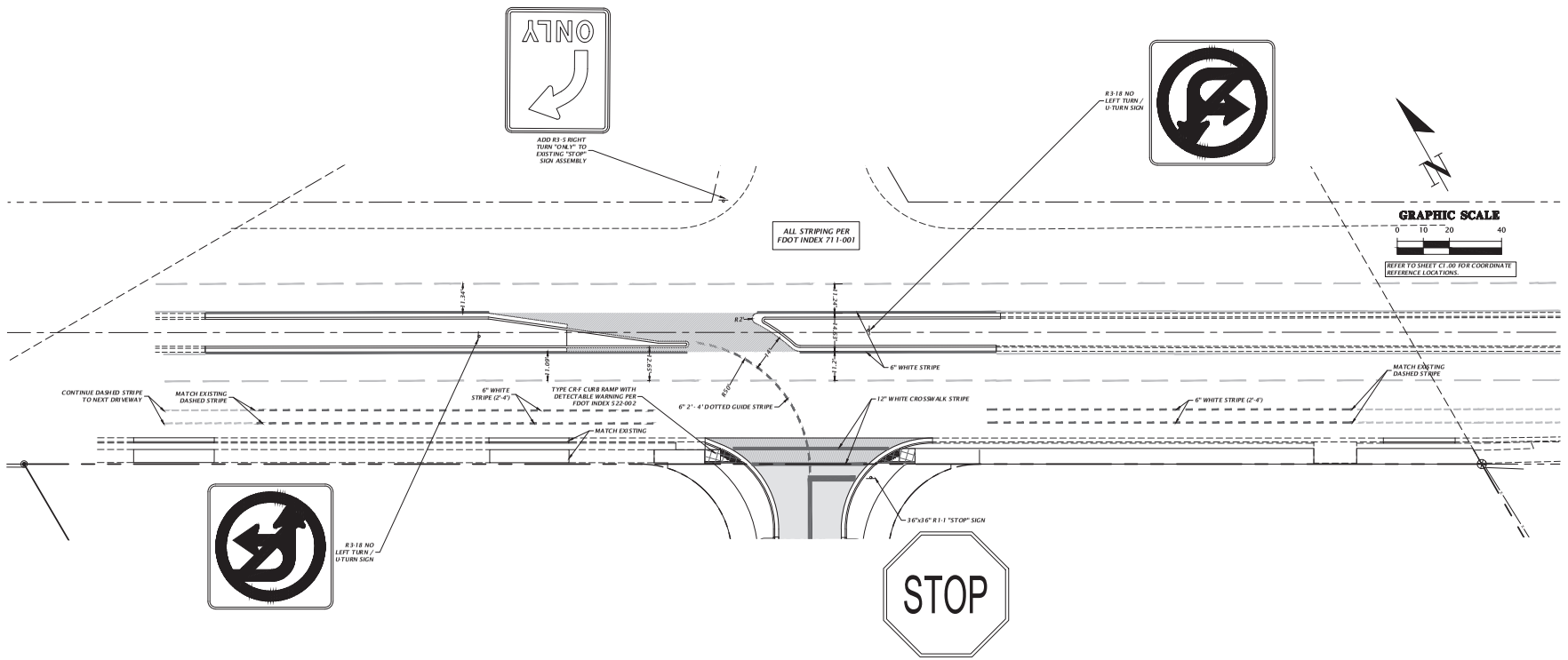

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WALKER FAIN OWEN

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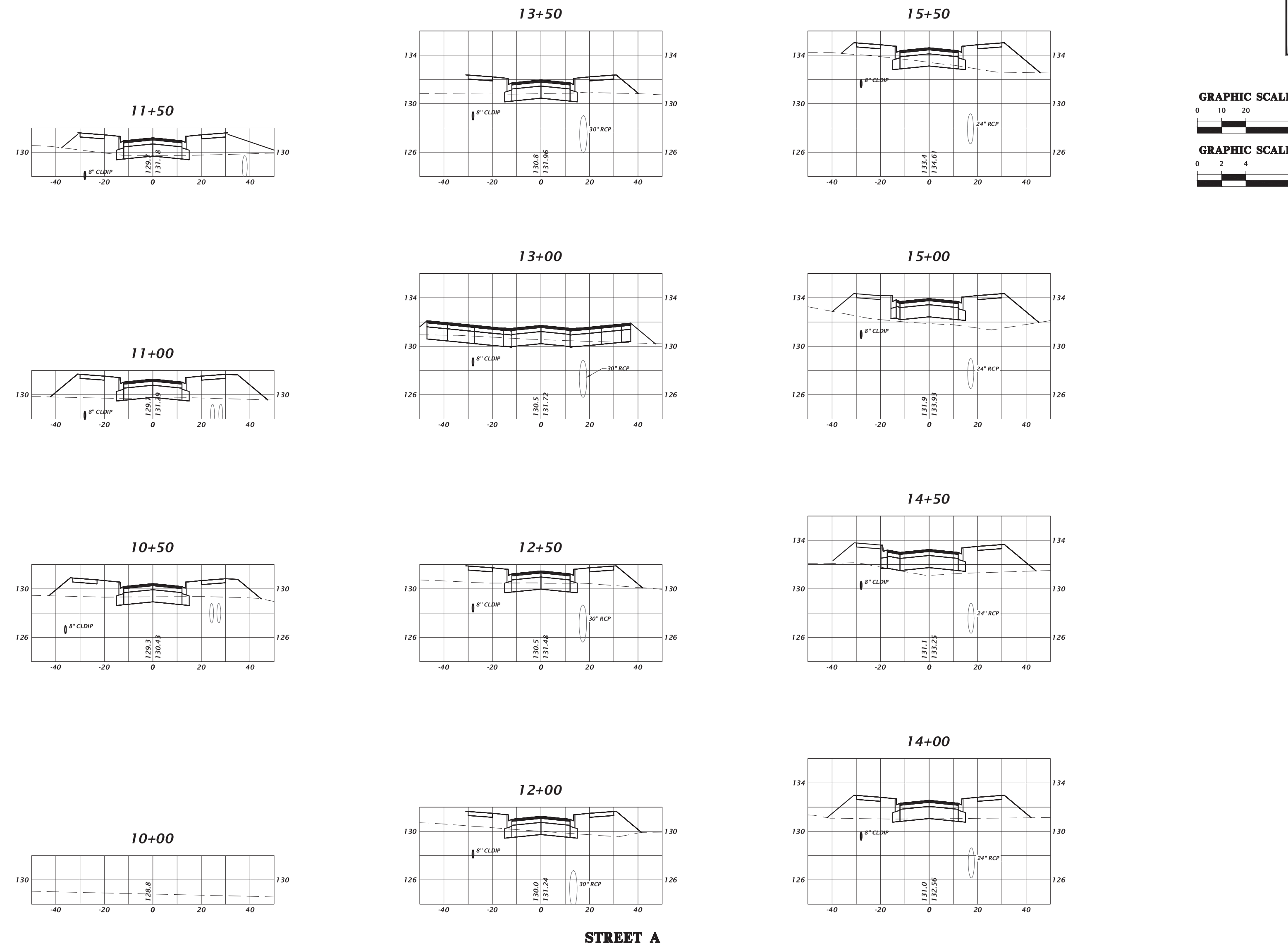
CONSTRUCTION PLAN REVISIONS

DESIGN: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / CITEC INFRASTRUCTURE
SHEET TITLE: SR 20 IMPROVEMENTS STRIPING AND SIGNAGE PLAN

DESIGNED: K. MERRITT
DRAWN: C. MENNENETT
CHECKED: R. WALPOLE
PROJECT NUMBER: 21-0295.05

SHEET NO.: C5.02

Approved
2022-A-291-00044
Bradley Adams
7/14/2023



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CLIENT: COMMUNITY REDEVELOPMENT AGENCY
PROJECT: EASTSIDE / GTEC INFRASTRUCTURE
SHEET TITLE: ROADWAY CROSS SECTIONS

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

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SHEET NO.: C6.00

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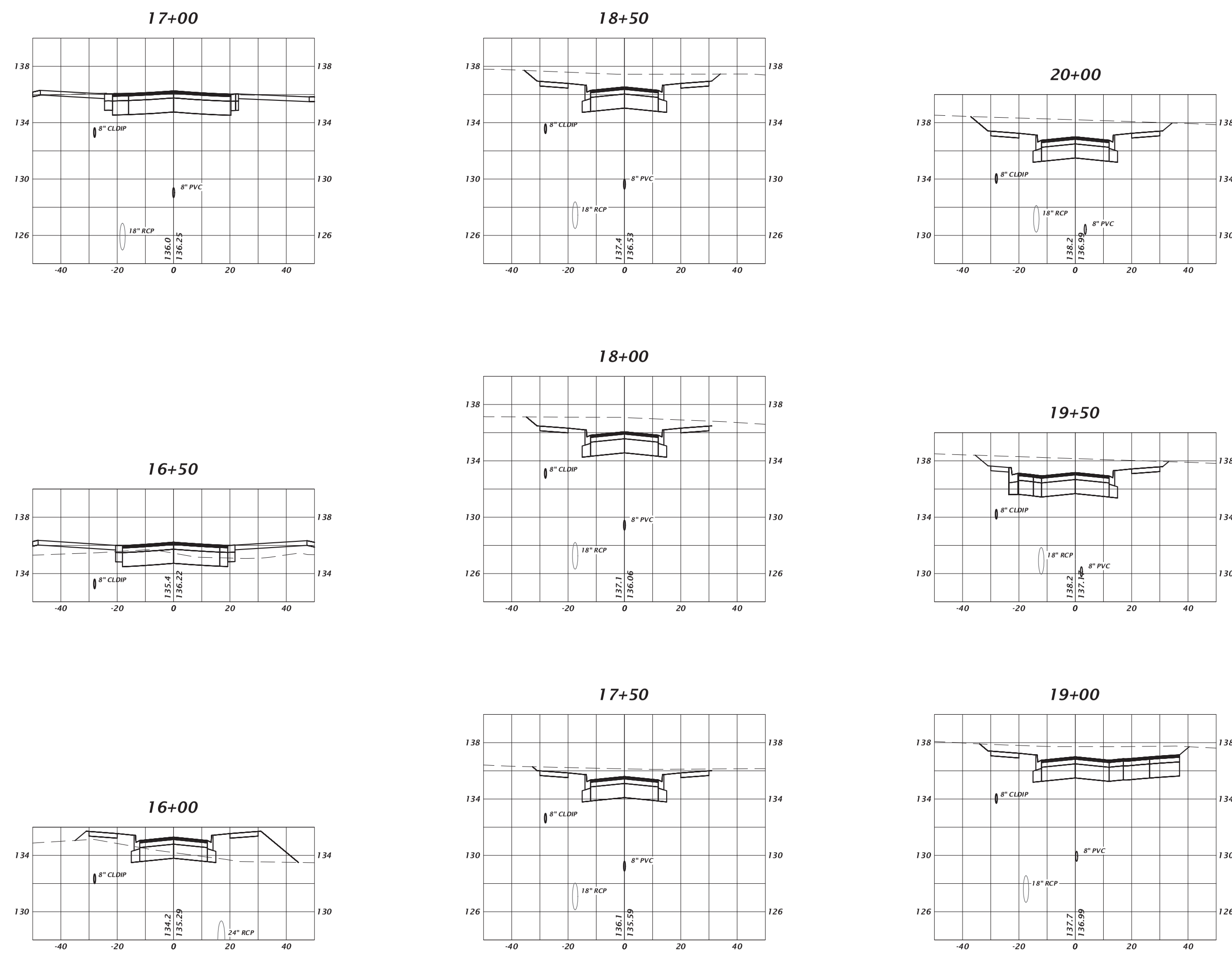

STREET A

GRAPHIC SCALE
0 10 20 40

GRAPHIC SCALE
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CLIENT: COMMUNITY REDEVELOPMENT AGENCY

PROJECT: EASTSIDE / GTEC INFRASTRUCTURE

SHEET TITLE: ROADWAY CROSS SECTIONS

TECHNICIAN: K. MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

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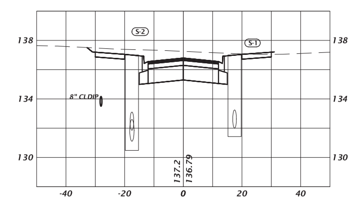
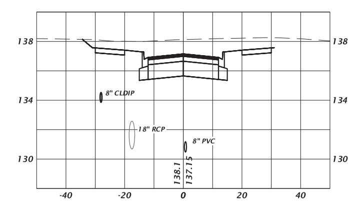
SHEET NO.: C6.01

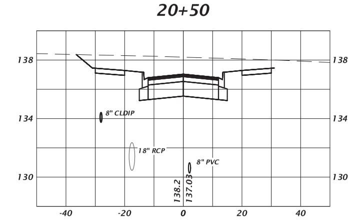
21+50



21+00



20+50



GRAPHIC SCALE

0 10 20 40

GRAPHIC SCALE

0 2 4 8

STREET A

11801 Research Drive
Alachua, Florida 32615
(352) 331-1976
www.chw-inc.com
est. 1988 FLORIDA
CA-5075

CHW Professional Consultants

SCALE: 1"=20'

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
2/27/2023 - RESUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
3/23/2023 - RESUBMITTAL TO FDOT
3/31/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU
4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY

PROJECT: EASTSIDE / GTEC INFRASTRUCTURE

SHEET TITLE: ROADWAY CROSS SECTIONS

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

Walker Fain Owen
State of Florida, Professional Engineer, License No. 94201
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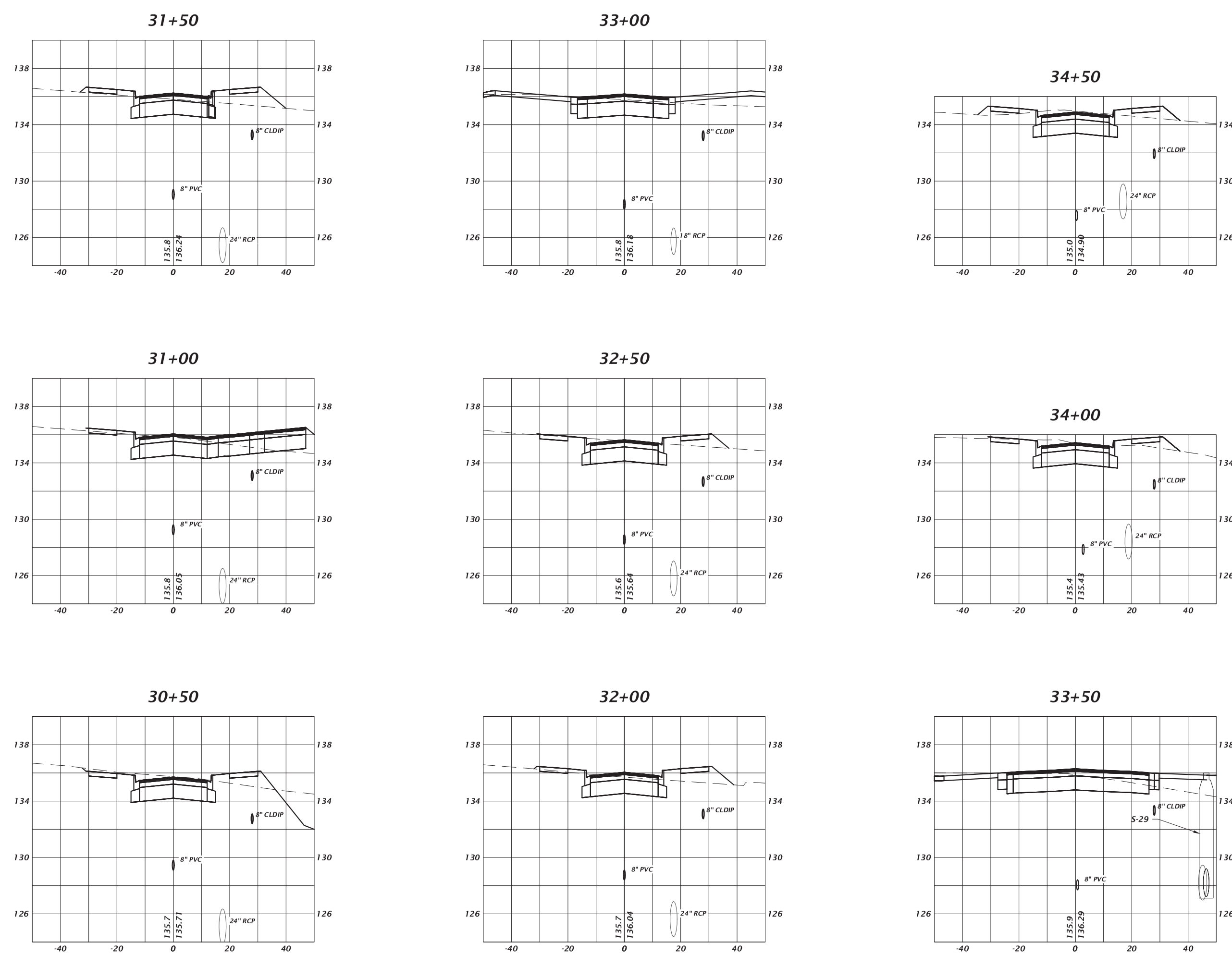
SHEET NO.: C6.02

Tech: kurtm Plot Date: May 08,2023 9:37am Filename: N:\2021\21-0295\departments\04_engineering\02_DWGs\production files .05\21-0295.05 C6.00 RDXS Eastside Infrastructure.dwg



STREET B

GRAPHIC SCALE 0 10 20 40

GRAPHIC SCALE 0 2 4 8

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CONSTRUCTION/BID REVISIONS:

SUBMITTALS:
12/7/2022 - SUBMITTAL TO CITY OF GAINESVILLE, GRU, SJRWMD, FDOT, AND FDEP
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4/12/2023 - RESUBMITTAL TO CITY OF GAINESVILLE AND GRU

CLIENT: COMMUNITY REDEVELOPMENT AGENCY

PROJECT: EASTSIDE / GTEC INFRASTRUCTURE

SHEET TITLE: ROADWAY CROSS SECTIONS

TECHNICIAN: K MERRITT
DESIGNER: C MENHENNETT
QUALITY CONTROL: R WALPOLE
PROJECT NUMBER: 21-0295.05

WALKER FAIN OWEN

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SHEET NO. C6.03

Tech: kurtm Plot Date: May 08,2023 9:37am Filename: N:\2021\21-0295\departments\04_engineering\02_DWGs\production files .05\21-0295.05 C6.00 RDXS Eastside infrastructure.dwg

Approved
2022-A-291-00044
Bradley Adams
7/14/2023

PERMIT TERMS AND CONDITIONS

FDOT Gainesville Maintenance

All construction and/or maintenance on the Department's right-of-way shall conform to the most recent editions of: FDOT Design Standards, the FDOT Standard Specifications for Road and Bridge Construction, the FDOT Plans Preparation Manual Volume 1, and the Manual on Uniform Traffic Control.

The permittee shall be responsible for any damages caused by the construction associated with this permit. The permittee shall repair any damages according to the most current standards.

All damaged concrete within the project limits shall be replaced joint to joint.

All portions of the right-of-way disturbed during construction associated with this permit shall be sodded as follows:

- Urban Areas: sod with St. Augustine, Bermuda or Centipede, FDOT will specify.
- Rural Areas: sod to match existing.

48 hours before digging operations the contractor shall call Sunshine State One Call at 811. The permittee is cautioned that utilities may be present within the construction area.

No tree trimming or tree removal will be allowed unless special permission is granted by the FDOT.

The permittee shall maintain proper placement and condition of all existing FDOT regulatory and/or informational signs.

Notify the Department of Transportation Maintenance office 48 hours in advance of starting proposed work at (352) 381-4300 or (352) 575-3713.

The connection to or modification of any portion of the FDOT stormwater system is prohibited unless approved by a separate drainage permit.

All permits shall include a maintenance of traffic plan before any work can begin. A worksite traffic supervisor with a certification from the FDOT approved Work Zone Traffic Control Course must be on-site anytime the contractor is working in the FDOT right-of-way.

All lane closure shall be called in to the FDOT Maintenance Office at (352) 381-4300 when the lane is closed and immediately after the lane is open.

Pedestrian traffic shall be detoured around the work area in a safe manner and in accordance with the FDOT Design Standards Index 660.

Prior to beginning construction, a lane closure analysis (per Plans Preparation Manuel 10.12.7) must be performed and submitted for FDOT review and approval to determine allowable lane closure hours.

An onsite preconstruction conference will be held prior to starting any work.

No unapproved signs are to be placed on or overhanging into the right-of-way.

There shall be no tracking of soil from the permitted job site onto the roadway. If tracking does occur, the permittee and or contractor shall install the "Soil Tracking Prevention Device" per Standard Index 106.

Permit Information	
Project Name:	UF Health Urgent Care Hawthorne RD
Permit #:	2022-A-291-00044
SR-#:	20
Rdwy. Section:	26080
Mile Post:	0.63 to 0.9