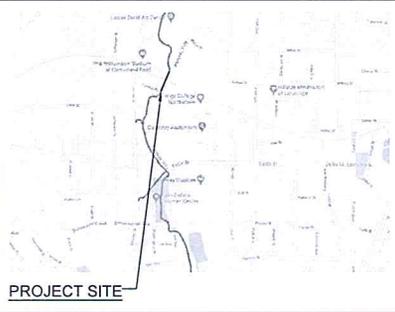


LAGRANGE THREAD PHASE 8 - PANTHER PARK CONNECTOR SIDEWALK

CITY OF LaGRANGE, GEORGIA

RECEIVED
STV
April 21, 2023
OP# GA2556



VICINITY MAP
N.T.S.
LAND LOTS: 115 - 6 TH DISTRICT

ALL WORK TO BE DONE IN ACCORDANCE WITH:
- 2021 STANDARD SPECIFICATIONS AND 2016 SUPPLEMENTAL SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF TRANSPORTATION
- 2010 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN
- ARCHITECTURAL BARRIERS ACT (ABA) ACCESSIBILITY STANDARDS

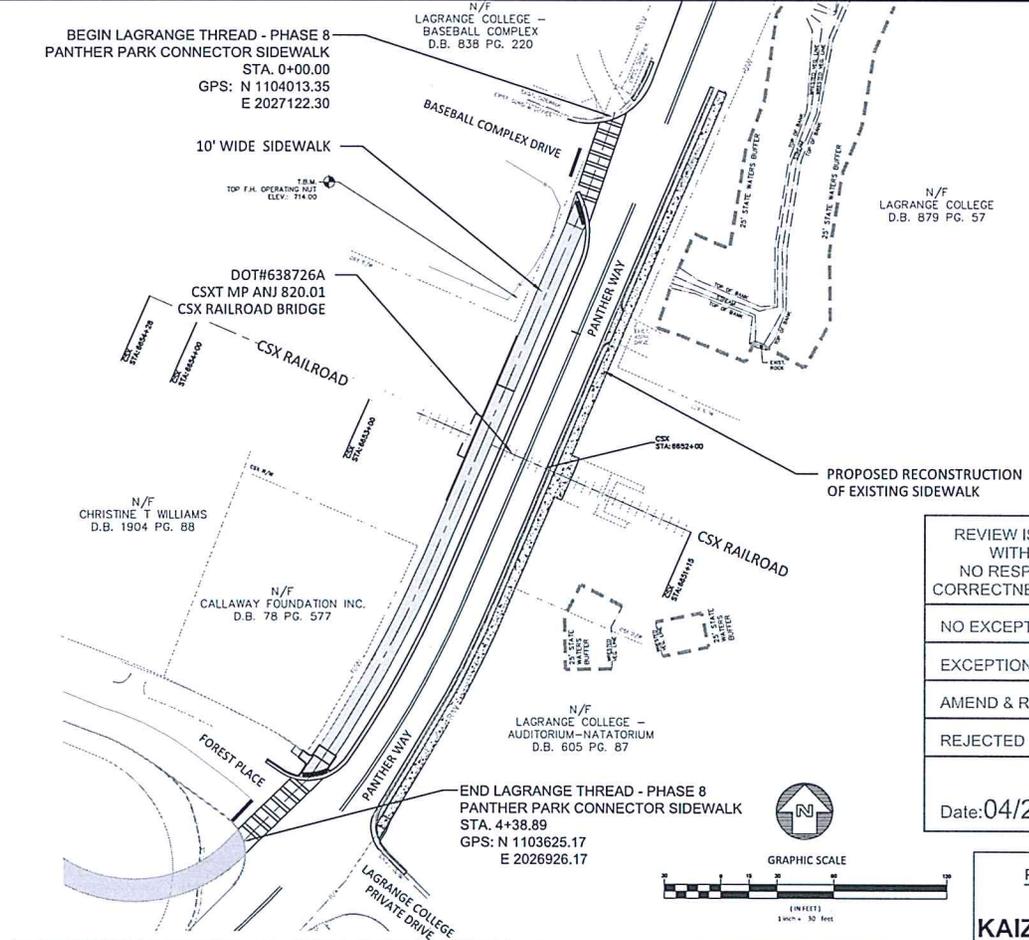
SURVEY AND COORDINATE DATA
HORIZ. DATUM - GA STATE PLANE COORDINATE SYSTEM
VERT. DATUM - NAVD 1983
COORDINATE ZONE - GEORGIA WEST
PROJECT UNITS - ENGLISH

PROJECT DESCRIPTION
THE PROJECT FALLS WITHIN LAND LOTS 115 IN DISTRICT 6. THIS PROJECT WILL NOT REQUIRE ANY ZONING CHANGES. THIS IS A SIDEWALK AND ROADWAY IMPROVEMENT PROJECT WHICH IS BEING BUILT ON CITY RIGHT-OF-WAY, EASEMENTS AND/OR CITY PROPERTY - THEREFORE THE PROPOSED USE OF THE PROJECT IS CONSISTENT WITH ZONING. NO DISTURBANCE IS PROPOSED WITHIN THE STATE 25' STREAM BUFFER SETBACK.

NARRATIVE
THIS PROJECT IS A LINEAR PATH PARALLEL TO PANTHER WAY, BEGINNING AT THE INTERSECTION OF LAGRANGE COLLEGE'S BASEBALL COMPLEX DRIVEWAY AND PANTHER WAY. THE SIDEWALK ALIGNS THROUGH CITY RIGHT-OF-WAY AND TERMINATES AT THE INTERSECTION OF FOREST PLACE AND PANTHER WAY. THE PROJECT SCOPE INCLUDES APPROXIMATELY 340 LF OF CONCRETE SIDEWALK, SIDEWALK ADORNMENTS, SIGNAGE, ADDITIONAL VIEWS ASSOCIATED WITH THE PROJECT INCLUDES ROADWAY NARROWING AND RECONSTRUCTION, MINOR DEMOLITION AND CLEARING, EROSION CONTROL, AND GRADING. THE MAIN OBJECT IS TO REPLACE THE EXISTING SIDEWALK ALONG PANTHER WAY WITH A 10' WIDE CONCRETE SIDEWALK, WHICH WILL CONNECT THE EXISTING SIDEWALKS TO THE NORTH AND SOUTH OF THE PROJECT SITE.

OWNER/DEVELOPER (PRIMARY PERMITTEE)
CITY OF LAGRANGE
MEG KELSEY, CITY MANAGER
200 RIDLEY AVENUE
LAGRANGE, GA 30240
706-883-2010

PROJECT MANAGEMENT
PATH Foundation, PO Box 14327, Atlanta, GA.
PETE PELLEGRINI - 24 HOUR CONTACT
GA GSWCC LEVEL 1 CERTIFICATION # 0000029813
12/21/2023
office 404-875-7284 x2 cell 404-277-5392



ENGINEER'S CERTIFICATION STATEMENT:
With my initials at the line above and my seal and signature below, I Charles M. Abbott, a professional Engineer, licensed in the State of Georgia, hereby certify that I have personally reviewed the attached submittal plans for a land disturbance permit. In my opinion these submittal plans meet all applicable regulations and ordinances of the City of LaGrange and other affected parties may rely on this certification.
Signed: *Charles M. Abbott* Georgia Registration # NO. 31674
Date: **APRIL 21, 2023**

GROSS LENGTH OF PROJECT: 340 LF

TOTAL SITE AREA = 0.87 ACRES
DISTURBED AREA = 0.7 ACRES

REVIEW IS FOR GENERAL COMPLIANCE WITH CONTRACT DOCUMENTS. NO RESPONSIBILITY IS ASSUMED FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

NO EXCEPTION TAKEN	XXX
EXCEPTIONS NOTED	
AMEND & RESUBMIT	
REJECTED - SEE REMARKS	

STV
Date: 04/25/2023 By: BKH

PLANS PREPARED BY:
KAIZEN COLLABORATIVE
2390 Main Street | Tucker, GA 30084 | 404-239-2521

GEORGIA & WEST, INC.
ENGINEERING • LAND SURVEYING • LAND PLANNING
155 CORPORATE DRIVE, CARROLLTON, GA, 30117 OFFICE (770) 834-4534 FAX (770) 834-1025 EMAIL: twest@georgiawest.com

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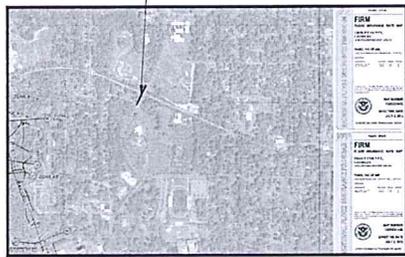
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DATE	DESCRIPTION
01/13/2023	100% ISSUE FOR PERMIT
02/01/2023	100% IFP: ACCEN. 1 - "SIDEWALK"
03/06/2023	100% IFP: ACCEN. 2 - CMT COMMENTS
04/21/2023	ISSUE FOR CONSTRUCTION



LAGRANGE THREAD PHASE 8 - PANTHER PARK CONNECTOR SIDEWALK - CSX CROSSING
KAIZEN PROJECT # 2020-196 B
04/21/2023 - ISSUE FOR CONSTRUCTION

PROJECT SITE



NOTE: NONE OF THE DISTURBED AREA IS WITHIN THE FEMA 100 YEAR FLOOD HAZARD ZONE.

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING DIMENSIONS SHOWN HEREON WITH THE CONSTRUCTION DRAWINGS AND EXISTING BUILDINGS PRIOR TO ANY CONSTRUCTION AND SHALL PROMPTLY NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
2. PROPOSED CONTOURS AND SPOT ELEVATIONS REPRESENT FINAL GRADE. PROPOSED GRADE ELEVATIONS SHOWN WITHIN PAVED AREA REPRESENT TOP OF PAVEMENT ELEVATIONS. CONTRACTOR SHALL ALLOW FOR GRADIENT THICKNESS, TOPSOIL, BASE COURSE, SLABS, ETC. WHEN GRADING SUBGRADE ELEVATIONS.
3. DIMENSIONS ARE TO BACK OF CURB, CENTER OF STRUCTURE AND CENTER LINE OF COLUMN LINE, UNLESS OTHERWISE NOTED. ANGLES SHOWN ON STORM AND SANITARY SEWER ARE TO CENTER OF PIPE, UNLESS OTHERWISE NOTED.
4. **CALL BEFORE YOU DIG 811.** THE LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION. BEWARE OF HIDDEN UTILITIES NOT SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING APPROPRIATE UTILITY COMPANIES PRIOR TO EXCAVATION. IF UNCHARTERED UTILITIES ARE ENCOUNTERED DURING EXCAVATION OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT IMMEDIATELY FOR INSTRUCTIONS. ANY DAMAGE OR INTERRUPTION OF EXISTING UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED PROMPTLY AT THE CONTRACTOR'S EXPENSE.
5. PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED DISTURBANCE SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO DISTURBANCE SHALL OCCUR OUTSIDE THE LIMITS INDICATED ON THE DRAWINGS WITHOUT APPROVAL IN WRITING FROM THE PROJECT LANDSCAPE ARCHITECT.
6. THROUGHOUT CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT BARRICADES, LIGHTS, WARNINGS SIGNS, AND OTHER TRAFFIC CONTROL METHODS ADJACENT TO EXISTING ROADWAYS AND PARKING AREAS AS MAY BE REQUIRED FOR THE PROTECTION AND SAFETY OF THE PUBLIC. ALL TRAFFIC CONTROL MEASURES UTILIZED WITHIN PUBLIC RIGHT-OF-WAY SHALL COMPLY WITH MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF LAGRANGE THE ANTICIPATED SCHEDULE FOR CLOSURE OF PANTHER WAY FOR ROADWAY RECONSTRUCTION, CITY OF LAGRANGE TO CREATE A DETOUR PLAN AND INSTALL SIGNAGE FOR DETOUR.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF ALL CONSTRUCTION ELEMENTS, WITH SOME FIELD ADJUSTMENTS, MADE AS NECESSARY TO MEET FIELD CONDITIONS AND PROVIDED THAT SUCH ADJUSTMENT HAVE BEEN GIVEN PRIOR APPROVAL BY THE PROJECT DESIGN TEAM. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT SIDEWALK AND ASPHALT CONSTRUCTION COMPLIES WITH AASHTO REQUIREMENTS, PARTICULARLY WITH RESPECT TO SIDEWALK CROSS-SLOPES AND GRADIENTS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY AND PERMANENT GROUNDWATER CONTROL DURING CONSTRUCTION, AS WELL AS PROVISIONS FOR CONTROLLING SURFACE WATER RUN-OFF, IN ORDER TO PREVENT FLOODING IN OPEN EXCAVATIONS AND POTENTIAL UNDERMINING OF PERMANENT CONSTRUCTION FEATURES.
9. EARTHWORK OPERATIONS AND SOIL COMPACTION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND DRAWINGS. PRIOR TO POURING CONCRETE, EARTHWORK SHALL BE CLEAR OF DEBRIS AND MACHINE COMPACTED. CONSTRUCTION ACTIVITIES SHALL BE MONITORED BY A GEOTECHNICAL CONSULTING FIRM APPROVED BY THE OWNER TO VERIFY THAT EARTHWORK, WALL CONSTRUCTION, AND OTHER OPERATIONS CONFORM WITH THE CONTRACT DOCUMENTS. GEOTECHNICAL SERVICES SHALL BE AT THE COST OF THE CONTRACTOR.
10. THE TOPOGRAPHIC SURVEY INFORMATION HAS BEEN PROVIDED BY GEORGIA AND WEST INC. (770) 834-4694, AND IS REFERENCED TO THE GEORGIA STATE PLANE COORDINATE SYSTEM (WEST ZONE).
11. DEMOLITION DEBRIS SHALL BECOME PROPERTY OF THE CONTRACTOR AND WASTE SOLIDS, VEGETATION, AND OTHER DELETERIOUS MATERIALS SHALL BE MOVED OFF-SITE AND BE DISPOSED OF AT AN APPROVED LOCATION IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. BURNING WILL NOT BE ALLOWED ON THIS PROJECT.
12. EROSION CONTROL MEASURES AND OTHER SITE ISSUES SHALL BE INSPECTED AND MAINTAINED BY CONTRACTOR THROUGHOUT CONSTRUCTION.
13. ON ALL AREAS WHERE ROADWAYS, CONCRETE SIDEWALKS, RETAINING WALLS, OR OTHER STRUCTURES ARE TO BE CONSTRUCTED ON COMPACTED SUBGRADE, FOUNDATION SOILS SHALL BE REVIEWED AND APPROVED BY THE GEOTECHNICAL CONSULTING FIRM PRIOR TO THE PLACEMENT OF CONCRETE, AGGREGATE BASE, OR FILL MATERIALS.
14. CONSTRUCTION ACCESS POINTS ARE APPROXIMATE LOCATIONS AND MUST BE FIELD VERIFIED AND APPROVED BY CITY OF LAGRANGE.
15. ALL WORK TO BE DONE IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS, CURRENT EDITION, THE 2010 AMERICAN WITH DISABILITY ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN, THE ARCHITECTURAL BARRIERS ACT (ABA) ACCESSIBILITY STANDARDS, THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES, AND AS MODIFIED BY CONTRACT DOCUMENTS.
16. ALL CONCRETE TO BE USED FOR THE CONSTRUCTION OF SIDEWALKS TO BE 3000 PSI CONCRETE, UNLESS NOTED OTHERWISE.
17. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH CITY OF LAGRANGE, GEORGIA AND WEST INC., PATH FOUNDATION, KAIZEN COLLABORATIVE, AND THE CSXT ON SITE REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION.
18. NOTICE-IT IS THE OWNER'S RESPONSIBILITY TO COMPLY WITH ALL ENVIRONMENTAL IMPACT ISSUES AND TO OBTAIN ALL NECESSARY PERMITS FROM THE APPROPRIATE GOVERNING AUTHORITIES.
19. CONTRACTOR TO CONTACT KAIZEN COLLABORATIVE FOR ALL CONSTRUCTION STAKING CAD DATA.

SIDEWALK NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING MINIMUM GRADES AND NOT EXCEEDING MAXIMUM GRADES ALONG THE SIDEWALK. SIDEWALK LONGITUDINAL GRADES NOT ADJACENT TO A ROADWAY THAT EXCEED 4.9% SHALL ADHERE TO TABLE 1017.7.1 OF THE U.S. ACCESS BOARD'S GUIDELINES FOR ACCESSIBILITY STANDARDS, 2016 EDITION. SIDEWALKS ADJACENT TO A ROADWAY SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET OR HIGHWAY PER PROWAG §302.5.1. SIDEWALK CROSS SLOPE SHALL BE MINIMUM 1%, OR MAXIMUM 2%.
2. THE LAYOUT OF THE SIDEWALK IS SHOWN IN RELATION TO THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY THE LAYOUT WITH OWNER PRIOR TO CONSTRUCTION OF SIDEWALK.

3. THE CONTRACTOR IS RESPONSIBLE FOR CLEARING OF ALL UNDERSTORY VEGETATION WITHIN 10' FROM CENTERLINE OF SIDEWALK. CLEARING AREA MAY INCREASE WHERE INVASIVE PLANTS ARE LOCATED. CONTRACTOR SHALL CONFIRM VEGETATION TO BE REMOVED WITHIN LANDSCAPE ARCHITECT AND PROJECT ENGINEER PRIOR TO CLEARING.
4. ALL TREES WITHIN THE LIMITS OF DISTURBANCE AND/OR IDENTIFIED ON PLANS TO BE REMOVED SHALL BE MARKED IN THE FIELD & VERIFIED BY CITY OF LAGRANGE PRIOR TO REMOVAL. ALL BRANCHED, DRIVING, OR DEAD TREES AND TREE LIMBS WITHIN 25' OF THE SIDEWALK EDGE SHALL BE REMOVED.
5. ALL SIGNING & MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
6. ALL ROADWAY PAVEMENT MARKINGS SHALL BE THERMOPLASTIC AND MEET GOOT SPECIFICATIONS UNLESS SPECIFIED OTHERWISE BY CITY. SIDEWALK PAVEMENT MARKINGS TO BE PAINT, UNLESS SPECIFIED OTHERWISE BY CITY.

CONSTRUCTION NOTES

1. SIDEWALK BACKFILL DIRT SHALL BE CLEAN, COHESIVE CLAY OR SANDY CLAY FREE OF DEBRIS, ORGANICS, DELETERIOUS MATERIAL AND ROCKS GREATER THAN 3" DIAMETER.
2. DESIRED GRADED SLOPES ARE TO BE 3:1 (H:V) OR FLATTER. MAX CUT OR FILL SLOPES SHALL BE 2:1 (H:V), UNLESS SPECIFICALLY NOTED.
3. EQUIPMENT AND MATERIALS SHALL BE STORED IN AREAS DESIGNATED BY THE OWNER. CONSTRUCTION AND STORAGE AREAS SHALL BE KEPT NEAT AND CLEAN. TREE SAVE AREAS SHALL NOT BE USED FOR STORAGE OR PARKING. EQUIPMENT AND MATERIAL SHALL NOT BE STORED WITHIN THE DRIP LINE OF TREES.
4. CONTRACTOR TO VERIFY THE ELEVATIONS OF ALL THE-IN POINTS FOR INSTALLATION OF UTILITIES, CURB & GUTTER AND PAVING.
5. TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE OPTIMUM PROCTOR FOR ANY SOIL CLASSIFICATION AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99 METHOD "A". THE TOP 2 FEET OF ALL AREAS TO RECEIVE PAVEMENT SHALL BE COMPACTED TO 100% STANDARD PROCTOR DENSITY. BACKFILL MATERIAL SHALL BE CLEAN AND FREE OF ROOTS, ROCK OR DELETERIOUS MATTER. CONTRACTOR SHALL CORRECT ANY DAMAGE TO CURBING OR PAVING CAUSED BY TRENCH SETTLEMENT WHICH OCCURS WITHIN 12 MONTHS OF PROJECT ACCEPTANCE.
6. THE CONTRACTOR SHALL NOTIFY THE PROJECT DESIGN TEAM OF ANY DISCREPANCIES BETWEEN PLAN AND FIELD CONDITIONS PROMPTLY UPON DISCOVERY.
7. ALL EXISTING UTILITY BOXES AND/OR COVERS THAT ARE TO REMAIN SHALL BE SET FLUSH WITH THE TOP OF THE PROPOSED GRADE.
8. AREAS INTENDED TO SUPPORT PAVEMENT OR NEW FILL SHALL BE PROOF ROLLED IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER TO LOCATE WEAK, SOFT OR EXCESSIVELY WET MATERIALS. AREAS WHICH PUMP WHILE PROOF ROLLED SHALL BE UNDERCUT AND BACK-FILLED AS DIRECTED BY GEOTECHNICAL ENGINEER.
9. CRUSHED STONE AGGREGATE IN PAVEMENT BASE SHALL CONFORM WITH SECTION 815 OF THE STATE OF GEORGIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS. ALL ASPHALT MATERIALS AND PAVING OPERATIONS SHALL MEET APPLICABLE SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF TRANSPORTATION.
10. ALL FILL AREAS MUST BE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR. THE TOP 2 FEET OF ALL AREAS TO RECEIVE PAVEMENT SHALL BE COMPACTED TO 100% STANDARD PROCTOR DENSITY. A REPORT FROM A GEOTECHNICAL ENGINEER WILL BE REQUIRED FOR ALL FILL AREAS WITHIN THE RIGHT-OF-WAY.
11. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE ACROSS DISTURBED AREA AND INTO DRAINAGE FEATURES.

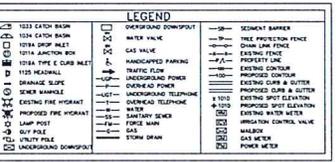
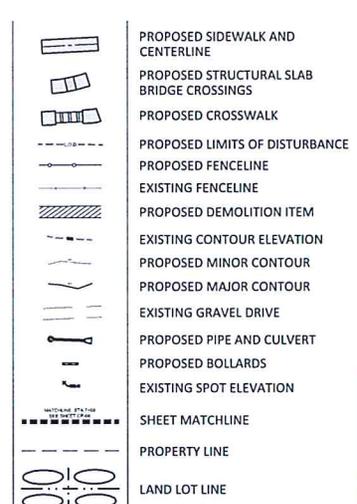
RAILROAD NOTES

1. ALL WORK ON, OVER, UNDER, OR ADJACENT TO CSXT RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE CSXT SPECIAL PROVISIONS, WHICH CAN BE FOUND WITHIN THE CSXT PUBLIC PROJECTS MANUAL, AVAILABLE AT: <https://www.csxt.com/index.cfm?libRARY/FILES/ABOUT-US/PROPERTY/PUBLIC-PROJECT-MANUAL/>.
2. RAILROAD INSURANCE IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES ON CSXT RIGHT OF WAY. SUBMIT RAILROAD INSURANCE TO CSXT AT INSURANCEDOCUMENTS@CSXT.COM FOR CSXT REVIEW AN APPROVAL WORK WILL NOT BE ALLOWED WITHIN THE CSXT RIGHT OF WAY WITHOUT THE INSURANCE APPROVAL FROM CSXT AND A RAILROAD FLAGMAN CANNOT BE SCHEDULED. NOTICE APPROVAL OF INSURANCE CAN TAKE UP TO 30 TO 45 DAYS.
3. THE ENGINEER SHALL BE KEPT AWARE OF THE CONSTRUCTION SCHEDULE. THE CONTRACTOR SHALL PROVIDE TIMELY COMMUNICATION TO THE ENGINEER WHEN SCHEDULING THE WORK SUCH THAT THE ENGINEER MAY BE PRESENT DURING THE WORK. THE CONTRACTOR'S SCHEDULE SHALL NOT DICTATE THE WORK PLAN REVIEW SCHEDULE, AND FLAGGING SHALL NOT BE SCHEDULED PRIOR TO RECEIPT OF AN ACCEPTED WORK PLAN.
4. NO WORK SHALL TAKE PLACE WITHIN 50 FEET OF THE CENTERLINE OF THE CSXT TRACK WITHOUT A RAILROAD FLAGMAN BEING PRESENT. PROVIDE THE CSXT FIELD REPRESENTATIVE WITH AT LEAST THIRTY (30) BUSINESS DAYS ADVANCE NOTICE OF BEGINNING WORK WITHIN THIS AREA TO ALLOW FOR THE SCHEDULING OF THE RAILROAD FLAGMAN.
5. ALL WORK WITHIN 5 FT OF THE CENTERLINE OF TRACK AT THE CROSSING WILL BE PERFORMED BY THE RAILROAD OR THEIR SUB-CONTRACTOR.
6. CONTRACTOR SHALL MAINTAIN ALL DITCHES AND DRAINAGE STRUCTURES FREE OF SILT OR OTHER OBSTRUCTIONS THAT MAY RESULT FROM THEIR OPERATIONS. CONTRACTOR, UPON COMPLETION OF THE PROJECT, SHALL LEAVE CSXT PROPERTY IN NEAT A CONDITION, SATISFACTORY TO THE CSXT REPRESENTATIVE.
7. THE CONTRACTOR MAY NOT USE CSXT RIGHT-OF-WAY FOR STORAGE OF MATERIALS OR EQUIPMENT DURING CONSTRUCTION WITHOUT PRIOR APPROVAL FROM CSXT.
8. ALL DRAINAGE WORK WITHIN THE CSXT RIGHT OF WAY MUST COMPLY WITH CSXT DRAINAGE CRITERIA FOUND WITHIN THE CSXT PUBLIC PROJECT MANUAL.
9. "ONE CALL" SERVICES DO NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATIONS LINES. THE CONTRACTOR SHALL CONTACT THE RAILROAD'S REPRESENTATIVE TWO (2) DAYS IN ADVANCE OF THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE RAILROAD UNDERGROUND LINES ON RAILROAD PROPERTY. UPON REQUEST FROM THE CONTRACTOR OR AGENCY, RAILROAD SIGNAL FORCES WILL LOCATE AND PAINT MARK OR FLAG RAILROAD UNDERGROUND SIGNAL, COMMUNICATION, AND POWER LINES IN THE AREA TO BE DISTURBED FOR THE CONTRACTOR. THE CONTRACTOR SHALL AVOID EXCAVATION OR OTHER DISTURBANCE OF THESE LINES WHICH ARE CRITICAL TO THE SAFETY OF THE RAILROAD AND THE PUBLIC. IF

DISTURBANCE OR EXCAVATION IS REQUIRED NEAR A BURIED RAILROAD SIGNAL, COMMUNICATION, OR POWER LINE, THE LINE SHALL BE POTHOLED MANUALLY BY CAREFUL HAND EXCAVATION BY THE CONTRACTOR AND PROTECTED BY THE CONTRACTOR DURING THE COURSE OF THE DISTURBANCE UNDER THE SUPERVISION AND DIRECTION OF A RAILROAD SIGNAL REPRESENTATIVE.

10. ALL SOILS EXCAVATED WITHIN CSX'S RAILROAD RIGHT-OF-WAY SHALL REMAIN ON CSX'S RIGHT-OF-WAY. FOR ANY EXCAVATED SOIL THAT REQUIRES OFF-SITE DISPOSAL, THE LICENSE IS REQUIRED TO USE ONLY CSX APPROVED LABORATORIES, TRANSPORTERS, AND DISPOSAL FACILITY THAT ARE IN COMPLIANCE WITH ALL applicable environmental laws and CSX's policies and procedures. Soil resulting from excavation outside of CSX's railroad right-of-way or railroad owned property shall not be brought onto CSX's property and therefore must be stored of CSX property. CSX shall incur any costs related to the disposal of soils generated due to construction activity related to this project.

CONSTRUCTION LEGEND



SITE DATA

TOTAL SITE AREA = 0.87 ACRE NPDES FEE = \$0 (N/A <1 AC. DISTURBANCE)
 DISTURBED AREA = 0.7 ACRE STATE AMOUNT = \$0 (N/A <1 AC. DISTURBANCE)
 LAND LOTS: 115 - DISTRICT 6

PROJECT MANAGEMENT

PATH Foundation, PO Box 14327, Atlanta, GA.
 PETE PELLEGRINI - 24 HOUR CONTACT
 GA GSWCC LEVEL 1 CERTIFICATION # 0000029813
 12/21/2023
 office 404-875-7284 x2 cell 404-277-5392

EROSION & SEDIMENT CONTROL

1. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBANCE ACTIVITIES.
2. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
3. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
4. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES WILL BE INSTALLED IF DEEMED NECESSARY BY THE ON-SITE INSPECTOR.
5. EROSION AND SEDIMENT MEASURES AND PRACTICES TO BE INSPECTED DAILY.
6. ALL INSPECTION, MONITORING, AND REPORTING SHALL BE PERFORMED AS REQUIRED BY NPDES PERMIT AND BY PROJECT EROSION, SEDIMENTATION, AND POLLUTION CONTROL NOTES.

U.S. ACCESS BOARD'S GUIDELINES FOR ACCESSIBILITY STANDARDS, 2016 EDITION, TABLE 1017.7.1

Running Slope of Sidewalk Segment		
Steeper than	But not Steeper than	Maximum Length of Segment
1:20 (5%)	1:12 (8.33%)	200 feet (61 m)
1:12 (8.33%)	1:10 (10%)	30 feet (9 m)
1:10 (10%)	3:8 (37.5%)	10 feet (3050 mm)

WHERE THE RUNNING SLOPE OF A SEGMENT OF A SIDEWALK IS STEEPER THAN 1:20 (5%), THE MAXIMUM LENGTH OF THE SEGMENT SHALL BE IN ACCORDANCE WITH TABLE 1017.7.1, AND A RESTING INLET COMPLYING WITH 1017.8 SHALL BE PROVIDED.

KAIZEN COLLABORATIVE
 2300 MAIN STREET | TUCKER, GEORGIA 30084 | 404-279-2921

GEORGIA & WEST, INC.
 ENGINEERING LAND SURVEYING LAND PLANNING
 100 CORPORATE DRIVE OFFICE: 678-344-1444 FAX: 678-344-1400
 CHARLOTTE, NC 28217 EMAIL: info@georgiawest.com

DATE	DESCRIPTION
01/11/2023	100% ISSUE FOR PERMIT
02/01/2023	100% IFP: ARDEN, 1- "SIDEWALK"
03/06/2023	100% IFP: ARDEN, 2- "CONTRACT"
04/12/2023	ISSUE FOR CONSTRUCTION

PROJECT # 2020-196 B
 PROJECT MANAGER TC

LAGRANGE THREAD PHASE 8 - PANTHER PARK CONNECTOR SIDEWALK LAGRANGE, GA

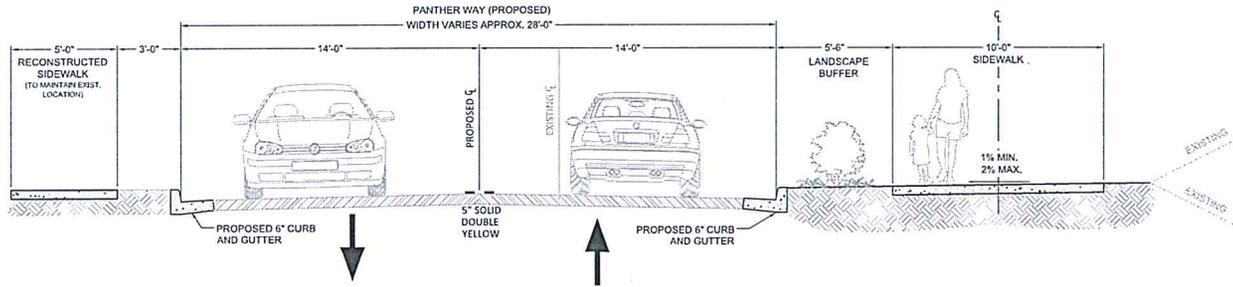


GENERAL NOTES

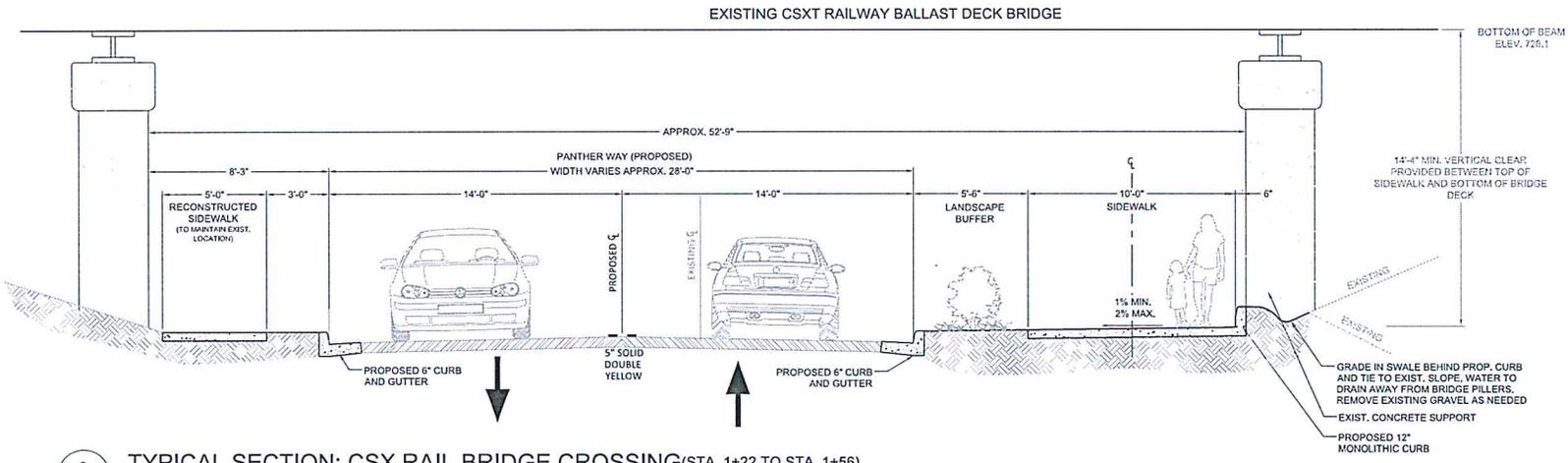
SCALE: APRIL 21, 2023

SHEET # GN-01

GEORGIA811
 www.Georgia811.com
 Know what's below. Call before you dig.



1 TYPICAL SECTION: STANDARD SIDEWALK SECTIONS (STA. 0+15 TO STA. 1+21 AND STA. 1+57 TO STA. 3+25)
 TS-01 SCALE: 3/8" = 1'-0"



2 TYPICAL SECTION: CSX RAIL BRIDGE CROSSING (STA. 1+22 TO STA. 1+56)
 TS-01 SCALE: 3/8" = 1'-0"

KAIZEN COLLABORATIVE
 2309 MAIN STREET | TUCKER, GEORGIA 30084 | 404.230.2521

GW GEORGIA & WEST, INC.
 ENGINEERING LAND SURVEYING LAND PLANNING
 6754 GOLF COURSE RD. SUITE 100
 COLUMBIA, GA 31907 | 706.344.4444
 www.gwgeorgia.com

DATE	DESCRIPTION
01/13/2023	100% ISSUE FOR PERMIT
02/01/2023	100% IFP: ADDEN. 1 - "SIDEWALK"
03/06/2023	100% IFP: ADDEN. 2 - CSX GROUND
04/21/2023	ISSUE FOR CONSTRUCTION

PROJECT #	2020-196 B
PROJECT MANAGER	TC

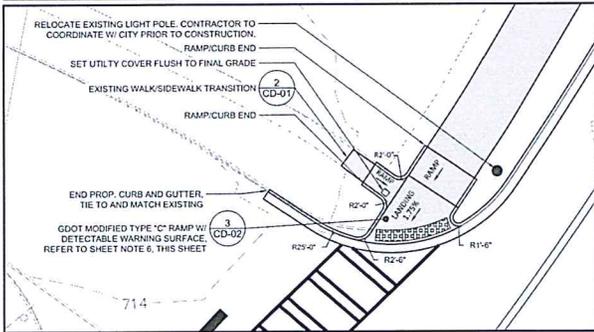
LAGRANGE THREAD PHASE 8 -
 PANTHER PARK CONNECTOR
 SIDEWALK
 LAGRANGE, GA

TYPICAL SECTIONS

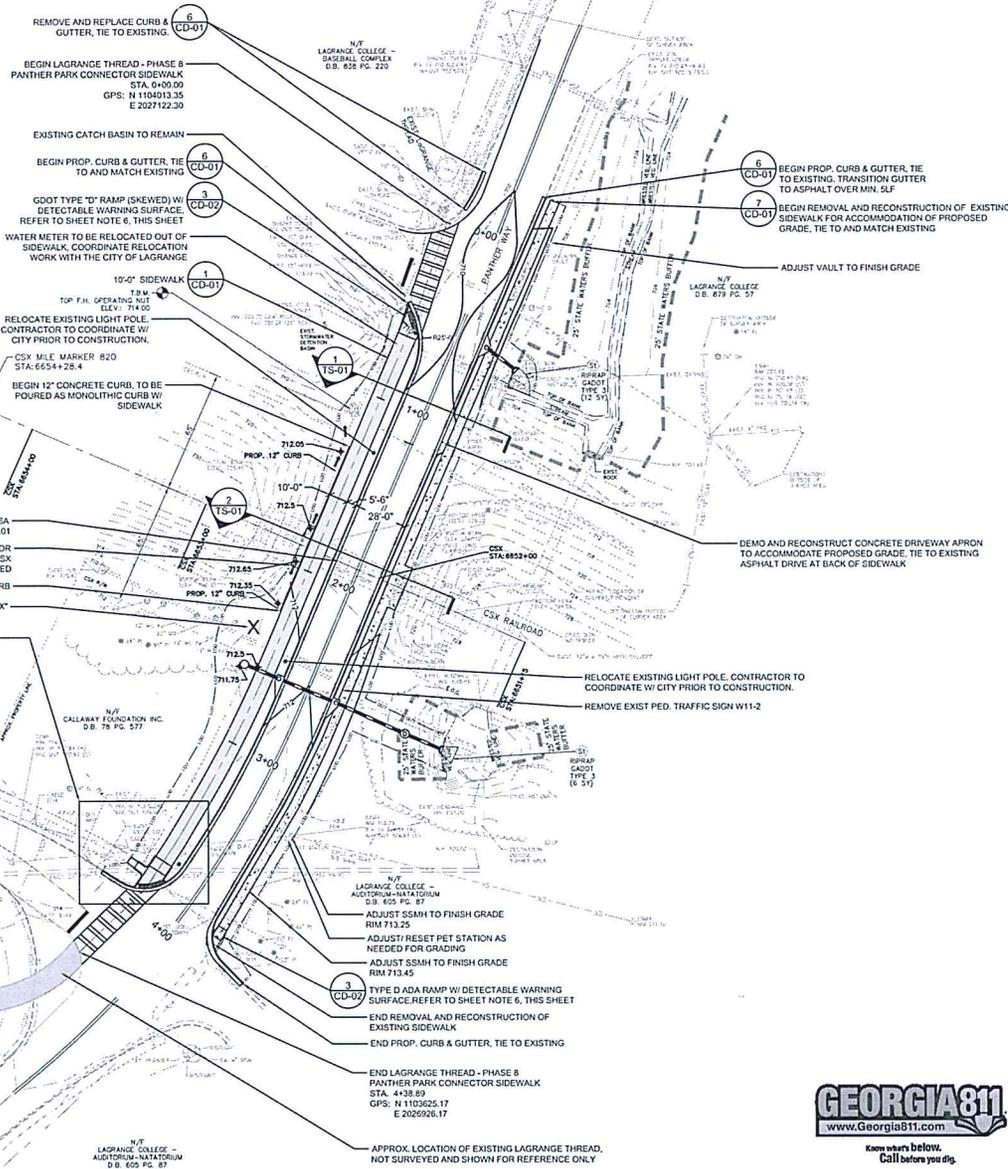
SCALE	AS SHOWN
DATE	APRIL 21, 2023

SHEET #	TS-01
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- SHEET NOTES:**
1. ALL DEMOLITION WASTE SHALL BE DISPOSED OF OFF SITE AT A STATE APPROVED LANDFILL
 2. CONTRACTOR TO REQUEST CAD FILE FROM LANDSCAPE ARCHITECT FOR STAKING
 3. CONTRACTOR TO REMOVE EXISTING CONCRETE SIDEWALK DOWN TO AT MIN. EXISTING SUBBASE PRIOR TO CONSTRUCTION OF NEW SIDEWALK SURFACE.
 4. ALL CSX STRUCTURES AND UTILITIES TO REMAIN UNDISTURBED
 5. REFER TO ROADWAY PLANS FOR ALL ROADWAY MODIFICATIONS, INCLUDING CENTERLINE, STATIONING, GRADING, CONSTRUCTION NOTES AND EXTENTS OF MILLING AND PAVING AREAS. EXISTING ASPHALT TO BE SAWCUT ALONG ALL PROPOSED RECONNECTION POINTS.
 6. DETECTABLE WARNING SURFACE TO BE PAVESTONE™ ADA COMPLIANT PAVER (60MM 4'X8'), PLACE AT ALL HANDICAP RAMPS, COLOR: RIVER RED OR APPROVED EQUAL.
 7. UTILITY RELOCATION WORK (HYDRANTS AND UTILITY POLES) IS NOT INCLUDED WITHIN THIS PROJECT'S SCOPE. CONTRACTOR TO COORDINATE WITH CITY OF LAGRANGE PRIOR TO CONSTRUCTION.
 8. PLEASE VERIFY ALL UTILITIES ADDITIONS AND/OR RELOCATIONS IF ANY WHICH ARE WITHIN CSXT ROW HAVE BEEN APPLIED FOR VIA THE CSXT PROPERTY PORTAL AVAILABLE AT: [HTTPS://WWW.CSX.COM/INDEX.CFM/CUSTOMERS/VALUE-ADDED-SERVICES/PROPERTY-REAL-ESTATE/PERMITTING-UTILITY-INSTALLATIONS-AND-RIGHTS-OF-ENTRY](https://www.csx.com/index.cfm/customers/value-added-services/property-real-estate/permitting-utility-installations-and-rights-of-entry).



ENLARGEMENT "A" (PED. RAMP CONNECTION) - SCALE: 1" = 10'-0"



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2309 MAIN STREET | TUCKER, GEORGIA 30084 | 404.239.2521

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130 CORPORATE DRIVE OFFICE 770.334.6474 FAX 770.334.9005
E: GW@GEORGIAANDWEST.COM

DATE	DESCRIPTION
01/13/2023	100% ISSUE FOR PERMIT
02/01/2023	100% IFP: ADDEN. 1 - "SIDEWALK"
03/06/2023	100% IFP: ADDEN. 2 - CURB CONNECTION
04/21/2023	ISSUE FOR CONSTRUCTION

PROJECT # 2020-196 B
PROJECT MANAGER TC

LAGRANGE THREAD PHASE 8 - PANTHER PARK CONNECTOR SIDEWALK LAGRANGE, GA



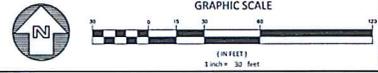
CONSTRUCTION PLAN

SCALE 1" = 30' - 0"
DATE APRIL 21, 2023

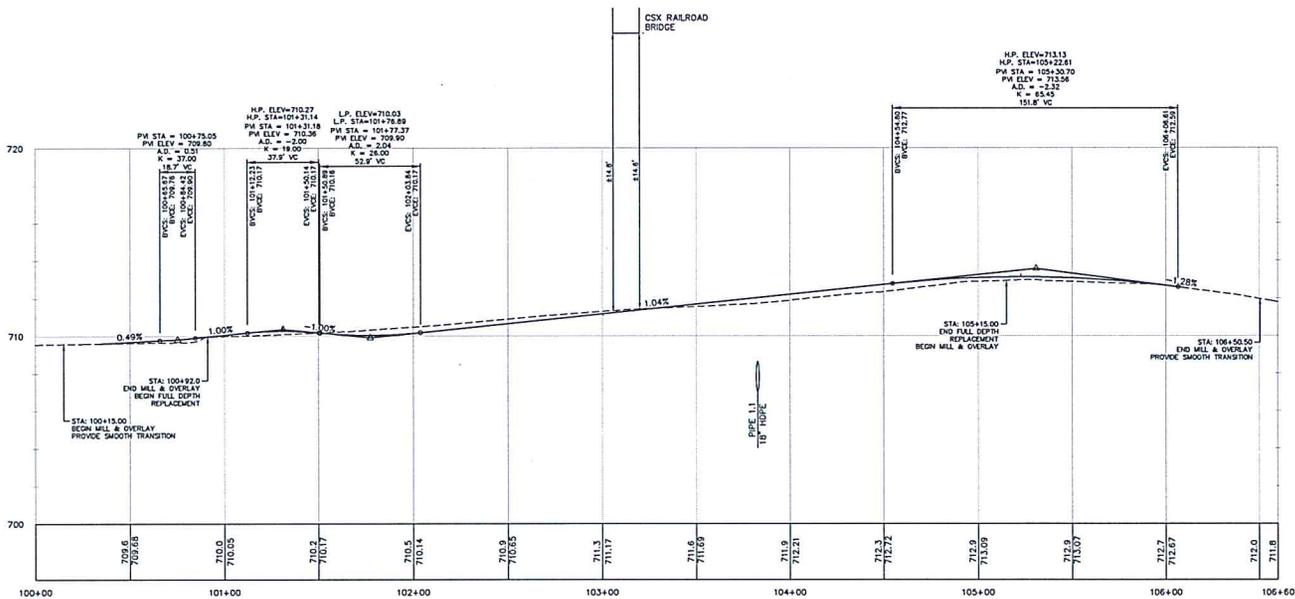
SHEET # CP-01



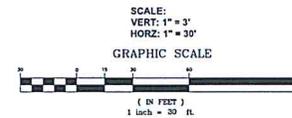
Know what's below. Call before you dig.



D:\PROJECT FILES\2023\23001_LANDEN LARGAVE THRUHEAD PANTHER PARK CENTER\DWG\23001_23013_C23.dwg, 4/20/23 11:35:41 AM



PROP. CL PANTHER WAY



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PHONE: 404.239.2323
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DATE	DESCRIPTION
01/12/2023	100% ISSUE FOR PERMIT
04/21/2023	ISSUE FOR CONSTRUCTION

PROJECT #	2019 - 196
PROJECT MANAGER	CA

**LaGRANDE THREAD PHASE 8 -
PANTHER PARK CONNECTOR
TRAIL
LaGRANDE, GA**

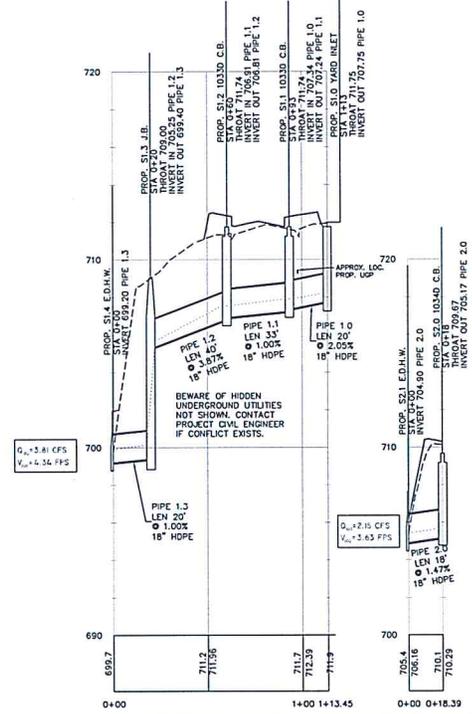


**ROADWAY CENTERLINE
PROFILE**

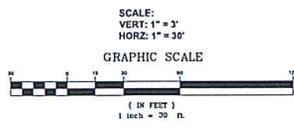
SCALE	AS SHOWN
DATE	JANUARY 13, 2023

SHEET # **RP-01**

© PROJECT FILE: 2019-196, 2019-196-01, 2019-196-02, 2019-196-03, 2019-196-04, 2019-196-05, 2019-196-06, 2019-196-07, 2019-196-08, 2019-196-09, 2019-196-10, 2019-196-11, 2019-196-12, 2019-196-13, 2019-196-14, 2019-196-15, 2019-196-16, 2019-196-17, 2019-196-18, 2019-196-19, 2019-196-20, 2019-196-21, 2019-196-22, 2019-196-23, 2019-196-24, 2019-196-25, 2019-196-26, 2019-196-27, 2019-196-28, 2019-196-29, 2019-196-30, 2019-196-31, 2019-196-32, 2019-196-33, 2019-196-34, 2019-196-35, 2019-196-36, 2019-196-37, 2019-196-38, 2019-196-39, 2019-196-40, 2019-196-41, 2019-196-42, 2019-196-43, 2019-196-44, 2019-196-45, 2019-196-46, 2019-196-47, 2019-196-48, 2019-196-49, 2019-196-50, 2019-196-51, 2019-196-52, 2019-196-53, 2019-196-54, 2019-196-55, 2019-196-56, 2019-196-57, 2019-196-58, 2019-196-59, 2019-196-60, 2019-196-61, 2019-196-62, 2019-196-63, 2019-196-64, 2019-196-65, 2019-196-66, 2019-196-67, 2019-196-68, 2019-196-69, 2019-196-70, 2019-196-71, 2019-196-72, 2019-196-73, 2019-196-74, 2019-196-75, 2019-196-76, 2019-196-77, 2019-196-78, 2019-196-79, 2019-196-80, 2019-196-81, 2019-196-82, 2019-196-83, 2019-196-84, 2019-196-85, 2019-196-86, 2019-196-87, 2019-196-88, 2019-196-89, 2019-196-90, 2019-196-91, 2019-196-92, 2019-196-93, 2019-196-94, 2019-196-95, 2019-196-96, 2019-196-97, 2019-196-98, 2019-196-99, 2019-196-100



STORM RUN 1 STORM RUN 2



- STORM SEWERS NOTES:**
1. ALL STORM DRAIN PIPE SHALL BE HDPE PER CADOT SPECIFICATION 845.
 2. ALL STORM DRAIN PIPE SHALL CONFORM TO CADOT STANDARD 10300/1030P FOR STRUCTURAL REQUIREMENTS.
 3. YARD INLETS SHALL HAVE EJ 1205Z FRAME & 1205 O2 GRATE OR APPROVED EQUAL.

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DATE	DESCRIPTION
01/12/2023	100% ISSUE FOR PERMIT
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PROJECT # 2019 - 196
PROJECT MANAGER CA

LaGRANGE THREAD PHASE 8 - PANTHER PARK CONNECTOR TRAIL
LaGRANGE, GA



STORM SEWER PROFILES

SCALE AS SHOWN
DATE JANUARY 13, 2023

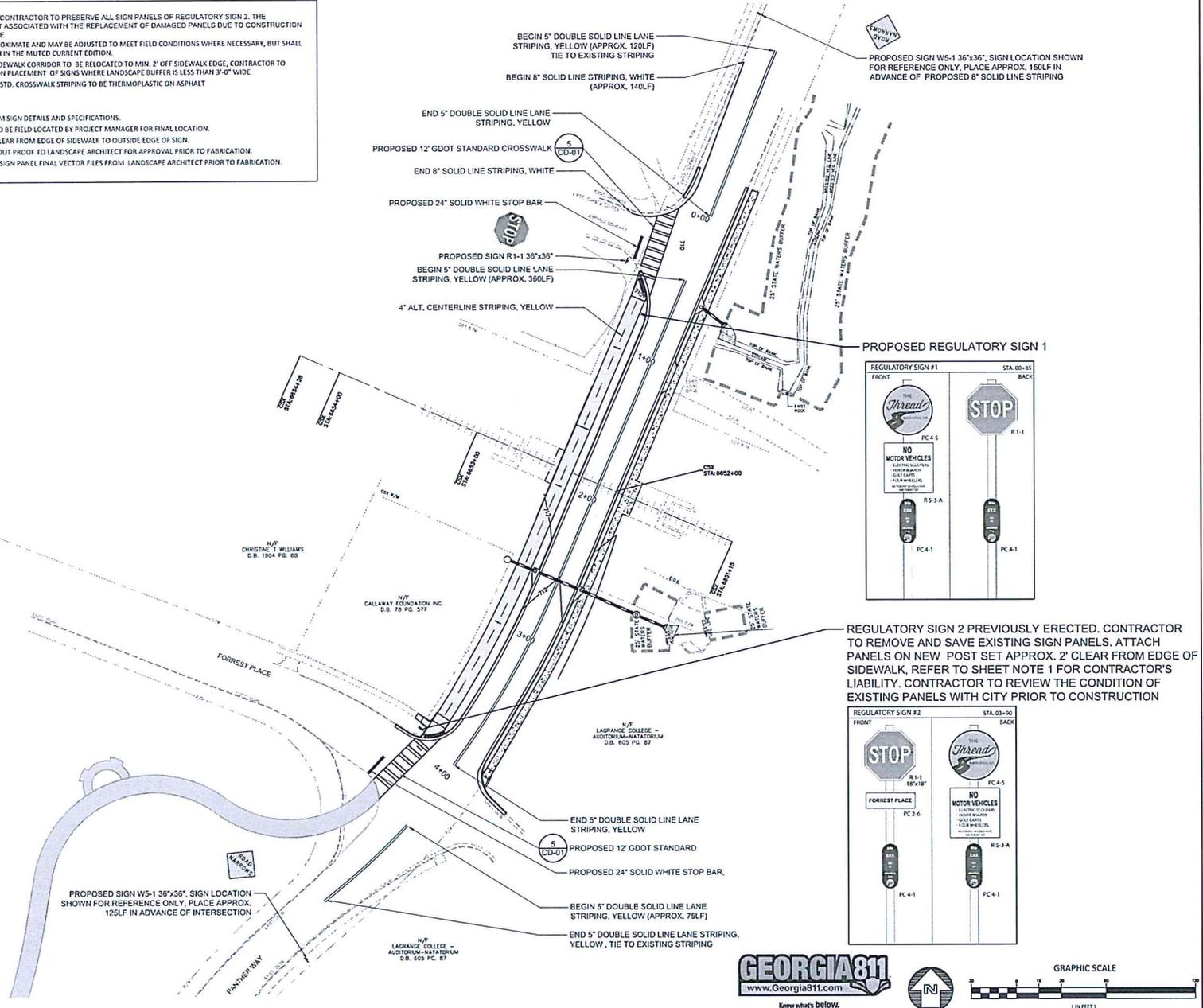
SHEET # **SP-01**

SHEET NOTES:

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PRESERVE ALL SIGN PANELS OF REGULATORY SIGN 2. THE CONTRACTOR SHALL BARE ALL COST ASSOCIATED WITH THE REPLACEMENT OF DAMAGED PANELS DUE TO CONSTRUCTION AND/OR CONTRACTOR'S NEGLIGENCE.
- MUTED SIGN PLACEMENTS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MUTED CURRENT EDITION.
- ALL EXISTING ROAD SIGNS WITHIN SIDEWALK CORRIDOR TO BE RELOCATED TO MIN. 2' OFF SIDEWALK EDGE, CONTRACTOR TO COORDINATE WITH CITY ON RELOCATION PLACEMENT OF SIGNS WHERE LANDSCAPE BUFFER IS LESS THAN 3'-0" WIDE.
- ALL NEW ROAD STRIPING AND GDOT STD. CROSSWALK STRIPING TO BE THERMOPLASTIC ON ASPHALT.

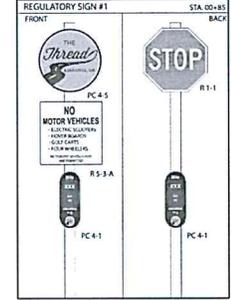
CUSTOM SIGN NOTES:

- REFER TO SHEET SMD-01 FOR CUSTOM SIGN DETAILS AND SPECIFICATIONS.
- ALL SIDEWALK REGULATORY SIGNS TO BE FIELD LOCATED BY PROJECT MANAGER FOR FINAL LOCATION.
- ALL SIGNS SHALL BE LOCATED 2'-0" CLEAR FROM EDGE OF SIDEWALK TO OUTSIDE EDGE OF SIGN.
- CONTRACTOR TO SUBMIT FINAL LAYOUT PROOF TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION.
- CONTRACTOR TO REQUEST CUSTOM SIGN PANEL FINAL VECTOR FILES FROM LANDSCAPE ARCHITECT PRIOR TO FABRICATION. CONTACT: 404-239-2521.

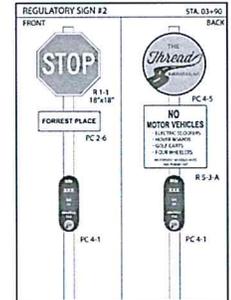


PROPOSED SIGN W5-1 36"x36", SIGN LOCATION SHOWN FOR REFERENCE ONLY. PLACE APPROX. 150LF IN ADVANCE OF PROPOSED 8" SOLID LINE STRIPING

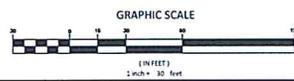
PROPOSED REGULATORY SIGN 1



REGULATORY SIGN 2 PREVIOUSLY ERECTED. CONTRACTOR TO REMOVE AND SAVE EXISTING SIGN PANELS. ATTACH PANELS ON NEW POST SET APPROX. 2' CLEAR FROM EDGE OF SIDEWALK, REFER TO SHEET NOTE 1 FOR CONTRACTOR'S LIABILITY. CONTRACTOR TO REVIEW THE CONDITION OF EXISTING PANELS WITH CITY PRIOR TO CONSTRUCTION



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DATE	DESCRIPTION
01/13/2023	100% ISSUE FOR PERMIT
02/01/2023	100% IFP: ADDEN. 1 - "SIDEWALK"
03/06/2023	100% IFP: ADDEN. 2 - "EAST CORNER WALK"
04/21/2023	ISSUE FOR CONSTRUCTION

PROJECT # 2020-196 B
PROJECT MANAGER TC

LAGRANGE THREAD PHASE 8 - PANTHER PARK CONNECTOR SIDEWALK LAGRANGE, GA



SIGNING & MARKING PLAN

SCALE 1" = 30'-0"
DATE APRIL 21, 2023

SHEET # **SM-01**

GENERAL PLANTING NOTES

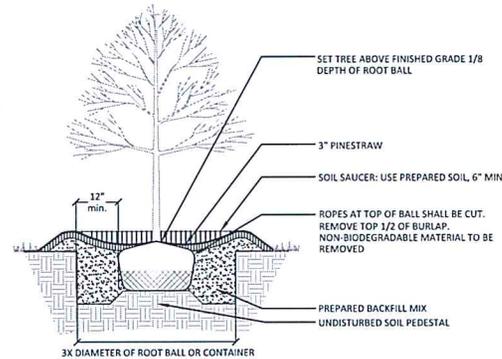
1. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS & DISEASES.
2. ALL PLANTS MUST BE CONTAINER-GROWN, BALLED & BURLAPPED (B&B), OR OTHERWISE AS INDICATED IN THE PLANT LIST.
3. ALL TREES MUST BE STRAIGHT TRUNKED, FULL-HEADED & MEET ALL REQUIREMENTS SPECIFIED.
4. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT & THE OWNER BEFORE, DURING & AFTER INSTALLATION UNTIL THE DATE OF FINAL ACCEPTANCE.
5. ALL TREES OVER 8' HT MUST BE GUIED OR STAKED, UNLESS DETERMINED OTHERWISE BY OWNER, ARBORIST, ARBORIST, OR APPROVED EQUAL BLACK GUYING (POLYPROPYLENE MATERIAL) AND STAKING SYSTEM INSTALLED PER MANUFACTURER SPECIFICATIONS.
6. ALL PLANTS & PLANTING AREAS MUST BE COMPLETELY MULCHED AS PER SPECIFICATIONS. ALL PROPOSED TREES TO HAVE MINIMUM 6" DIAMETER MULCHED RING. ALL MULCH TO BE 3" SETTLED DEPTH OF CLEAN PINESTRAW, UNLESS INDICATED OTHERWISE.
7. PRIOR TO CONSTRUCTION, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES & SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY & ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
8. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK. PLANT SYMBOLS ON THE LANDSCAPE PLAN SUPERCEDE QUANTITIES SHOWN IN THE PLANT LIST. IN SIZE GRADING B&B TREES, CALIPER SHALL TAKE PRECEDENT OVER HEIGHT. IN SIZE GRADING MULTI-STEM TREES, HEIGHT SHALL TAKE PRECEDENCE OVER CALIPER. THE LANDSCAPE CONTRACTOR MUST CONTACT THE LANDSCAPE ARCHITECT IF, THEY ENCOUNTER ON SITE, EXISTING CONDITIONS SIGNIFICANTLY DIFFERENT FROM THE PLAN.
9. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL PLANTING (INCLUDING, BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC) OF PLANTING AREAS & LAWNS UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE LANDSCAPE ARCHITECT & THE OWNER.
10. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN OR DEFOOLIATES (PRIOR TO FINAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE & REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
11. THE LANDSCAPE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING AT THE DATE OF FINAL ACCEPTANCE. THE LANDSCAPE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE GUARANTEE PERIOD (AS PER DIRECTION OF THE OWNER).
12. THE LANDSCAPE CONTRACTOR AGREES TO PERFORM ALL LANDSCAPE MAINTENANCE (INCLUDING WATERING) THROUGHOUT THE ONE YEAR GUARANTEE PERIOD UNLESS OTHERWISE DETERMINED.
13. AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
14. STANDARDS SET FORTH IN 'AMERICAN STANDARDS FOR NURSERY STOCK' REPRESENT GUIDELINE SPECIFICATIONS ONLY AND CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL. ALL PLANT MATERIAL SHALL BE GRADE 'A' OR BETTER.
15. ALL DISTURBED AREAS TO BE SOGGED WITH BERMUDA UNLESS OTHERWISE NOTED. TEMPORARY GRASS TO BE A COMBINATION OF ANNUAL RYE AND FESCUE SEED. ALL SOD AREAS ARE TO BE FERTILIZED AND OVERSEED AT TIME OF INSTALLATION. ALL AREAS DESIGNATED FOR SOD MUST BE FINE GRADED, LEVEL ANY UNDULATIONS OR IRREGULARITIES, WHILE MAINTAINING POSITIVE DRAINAGE. HANDRAKE AND SMOOTH, REMOVING ALL ROCKS LARGER THAN 1" FROM THE SURFACE. USE METAL SCREEN OR WOODEN DRAG ON LARGER SURFACES. CONTACT THE LANDSCAPE ARCHITECT FOR AN INSPECTION OF THE FINE GRADED SURFACE, PRIOR TO ANY SOD INSTALLATION.
16. ALL BERMS ARE TO BE CONSTRUCTED OF CLEAN, FRIABLE, WELL DRAINED, TOPSOIL.
17. FOR ALL PROPOSED PLANTING AREA, LANDSCAPE CONTRACTOR TO REMOVE EXISTING VEGETATION, TILL AND ADD TOPSOIL AND FERTILIZER PRIOR TO INSTALLATION. CONTRACTOR SHALL REMOVE ALL PAVEMENT, GRAVEL SUB-BASE AND CONSTRUCTION DEBRIS. REMOVE COMPACTED SOIL, AND ADD 24" OF TOPSOIL; OR AMEND THE TOP 24" OF EXISTING SOIL TO MEET SPECIFICATIONS, UNLESS NOTED OTHERWISE.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE REMOVAL OF ALL BINDING CORDS AND ROPES/STRAPPING FROM THE TRUNKS OF ALL SHADE AND ORNAMENTAL TREES IMMEDIATELY AFTER PLANTING. IDENTIFICATION TAGS AND RIBBONS SHALL BE REMOVED FROM ALL PLANT MATERIAL AT THE TIME OF PLANTING. TREE BASKETS SHALL BE CUT FROM THE TOP 1/4 OF THE ROOT BALL PRIOR TO PLANTING.
19. ALL AREAS DISTURBED BY CONSTRUCTION ARE TO BE RE-SET TO FINAL GRADE AND VEGETATED PER CONSTRUCTION PLANS.
20. UNLESS OTHERWISE NOTED BY THE LANDSCAPE ARCHITECT, MEDIUM SPREADING SHRUBS SHALL BE PLANTED NO CLOSER THAN 30" TO ANY ADJOINING WALL OR PAVED AREA. LARGE SPREADING SHRUBS SHALL BE PLANTED NO CLOSER THAN 36" TO ANY ADJOINING WALL OR PAVED AREA.
21. THE PLANTING SOIL FOR SHRUBS WILL CONSIST OF 33% GROUND FINE BARK HUMULS, WELL-MIXED WITH 67% OF IMPROVED SOIL; WHICH IS, EXCAVATED SOIL WITH ROCKS, CLUMPS, AND DEBRIS GREATER THAN 2" IN DIAMETER REMOVED. NO ADDITIONAL SOIL AMENDMENTS ARE REQUIRED FOR TREES. GROUND COVER AND PERENNIAL BEDS SHALL BE PREPARED AND AMENDED ACCORDING TO SPECIFICATIONS.
22. MINIMUM (9) SQ. FT. PLANTING AREA PROVIDED FOR EACH TREE.
23. SEEDING RATE FOR BERMUDA SEED ON DISTURBED AREAS IS 1.5 LBS PER 1000 SQUARE FEET.
24. ALL PARKING ISLANDS AND LANDSCAPE BEDS ARE REQUIRED TO HAVE A GRANULAR PRE-EMERGENT HERBICIDE APPLIED TO AID WITH WEED CONTROL.

BUILDERS NOTES:

BY THIS AGREEMENT WITH THE OWNER, THE LANDSCAPE ARCHITECT HAS UNDERTAKEN A LIMITED SCOPE OF PROFESSIONAL SERVICES. THE CONSTRUCTION DOCUMENTS PROVIDED BY THE LIMITED SERVICES SHALL BE TERMED "BUILDERS PLANS" IN RECOGNITION OF THE SOPHISTICATION OF THE LANDSCAPE CONTRACTOR. CONSTRUCTION WILL REQUIRE THAT THE LANDSCAPE CONTRACTOR ADAPT THE "BUILDERS PLANS" TO THE FIELD CONDITIONS ENCOUNTERED AND MAKE LOGICAL ADJUSTMENTS IN FIT, FORM, DIMENSIONS AND QUANTITY THAT ARE TREATED ONLY GENERALLY BY THE "BUILDERS PLANS." IN THE EVENT THAT CLARIFICATION IS NEEDED FOR ANY DRAWING CONTAINED IN THIS SET, IT SHALL BE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO BRING IT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. THE GENERAL CONTRACTOR AND HIS/HER SUBCONTRACTORS SHALL CONSTRUCT THIS PROJECT IN COMPLIANCE WITH ANY AND ALL APPLICABLE CODES.

PLANT SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	MIN. SPACING	REMARKS
TREES						
ARO	1	Acer rubrum 'October Glory'	October Glory Red Maple	3" cal 25' o.c.		Full upright and well branched
CF	1	Cornus florida	Flowering Dogwood	2.5" cal 18' o.c.		Full upright and well branched
CC	2	Cercis canadensis	Eastern Redbud	2.5" cal 18' o.c.		Full upright and well branched
GROUND COVERS						
SOD	12750 SF	SOD- contractor to coordinate with city on type				aerate and smooth areas before installation
Notes:	1. Contractor is to coordinate with the city of LaGrange on Sod type, bermuda is recommended. All sod areas to be free of store and debris, and smoothed with amended topsoil prior to installation of sod.					



01 LN-01 TREE PLANTING DETAIL
SCALE: 3/4" = 1'-0"

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DATE	DESCRIPTION
01/13/2023	100% ISSUE FOR PERMIT
02/01/2023	100% IFP: ADDEN. L1- "SIDEWALK"
03/06/2023	100% IFP: ADDEN. L2- "C&S CONCRETE"
04/21/2023	ISSUE FOR CONSTRUCTION

PROJECT #	2020-196 B
PROJECT MANAGER	TC

LAGRANGE THREAD PHASE 8 - PANTHER PARK CONNECTOR SIDEWALK LAGRANGE, GA



LANDSCAPE NOTES & DETAILS

SCALE	
DATE	APRIL 21, 2023
SHEET #	LN-01

PLANTS LEGEND

TREES



Acer rubrum 'October Glory' /
October Glory Red Maple (ARO)



Cornus florida /
Flowering Dogwood (CF)



Cercis canadensis /
Eastern Redbud (CC)

GROUND COVER



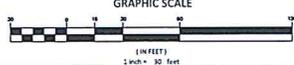
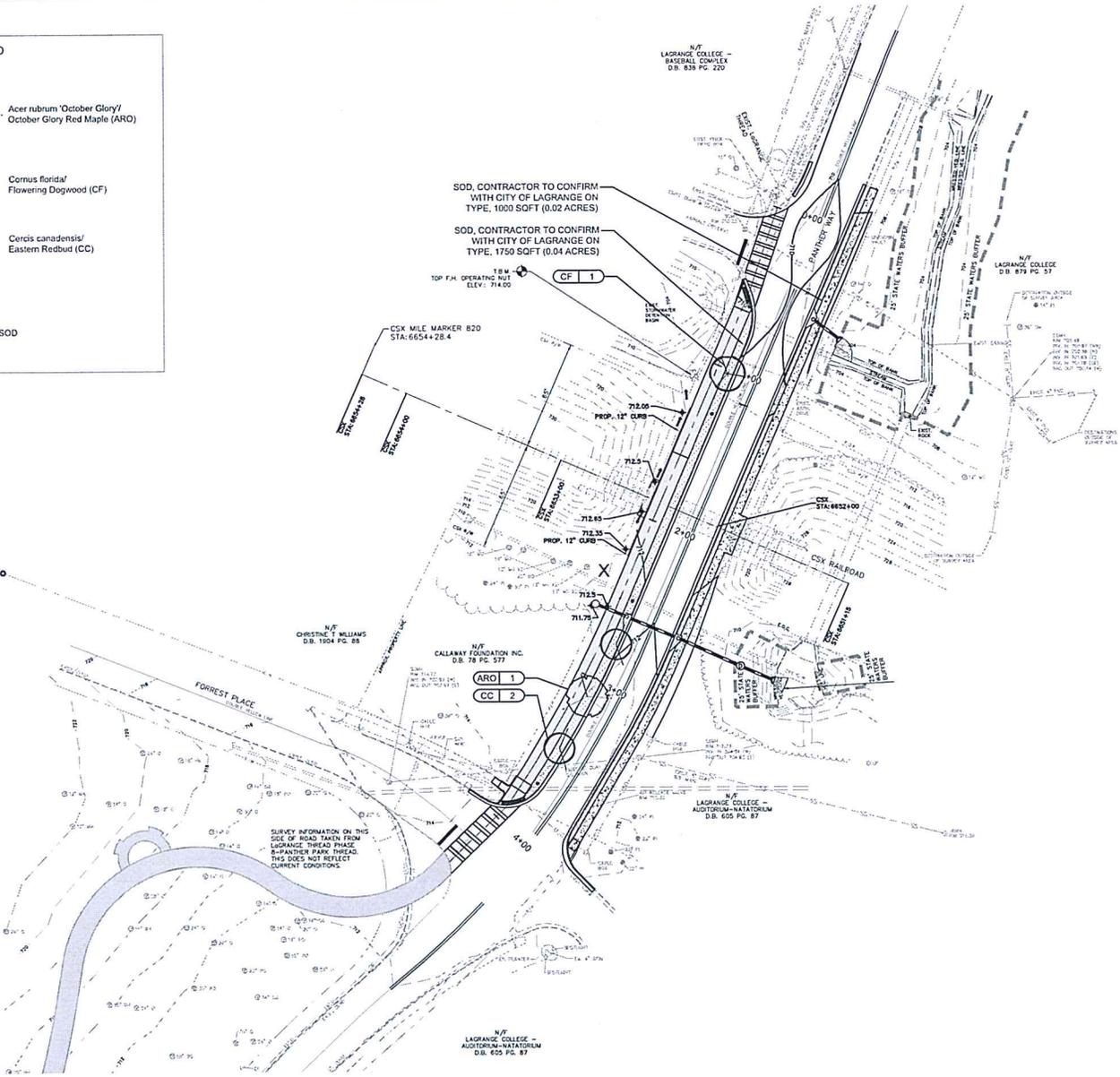
SOD

SOD, CONTRACTOR TO CONFIRM
WITH CITY OF LAGRANGE ON
TYPE, 1000 SQFT (0.02 ACRES)

SOD, CONTRACTOR TO CONFIRM
WITH CITY OF LAGRANGE ON
TYPE, 1750 SQFT (0.04 ACRES)

CF 1

ARO 1
CC 2



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DATE	DESCRIPTION
01/13/2023	100% ISSUE FOR PERMIT
02/01/2023	100% IFP: ADDEN. 1 - "SIDEWALK"
03/05/2023	100% IFP: ADDEN. 2 - CITY (COURT) VET
04/21/2023	ISSUE FOR CONSTRUCTION

PROJECT # 2020-196 B
PROJECT MANAGER TC

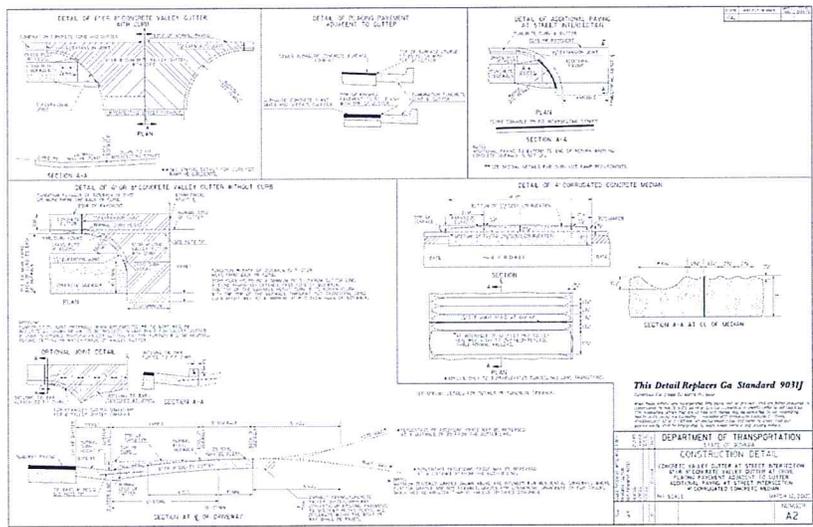
**LAGRANGE THREAD PHASE 8 -
PANTHER PARK CONNECTOR
SIDEWALK
LAGRANGE, GA**



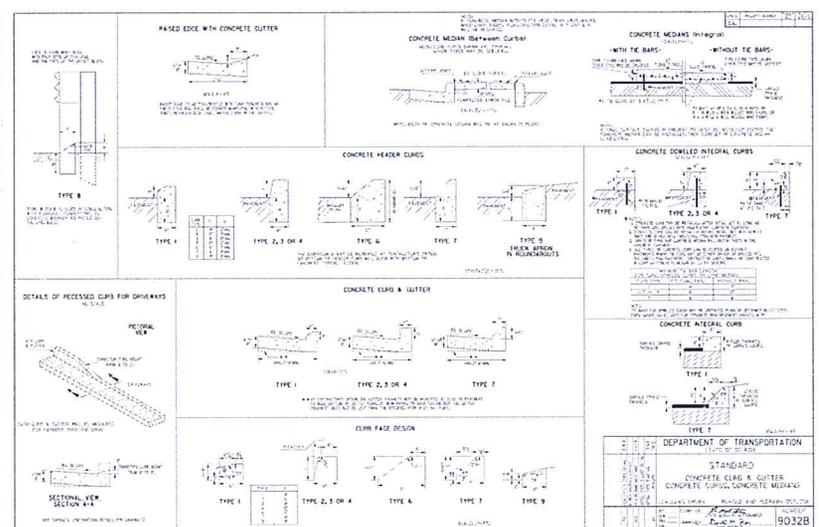
LANDSCAPE PLAN

SCALE 1" = 30' - 0"
DATE APRIL 21, 2023

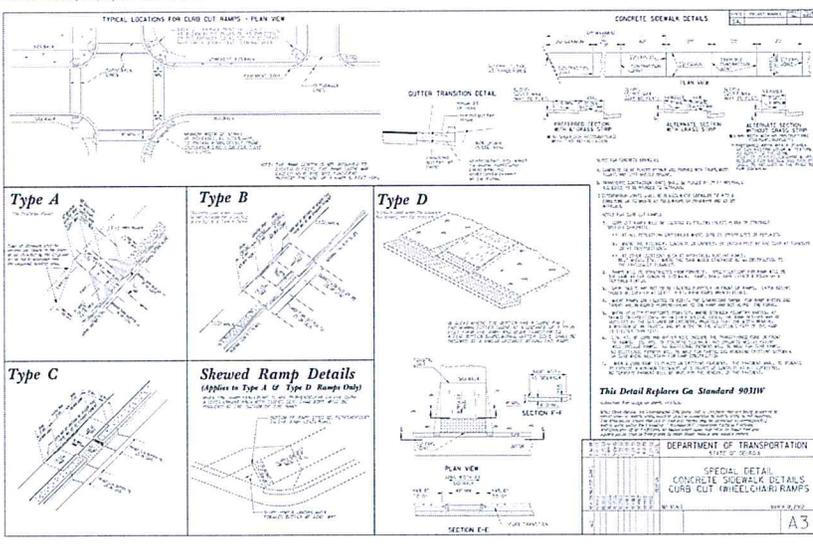
SHEET # **LP-01**



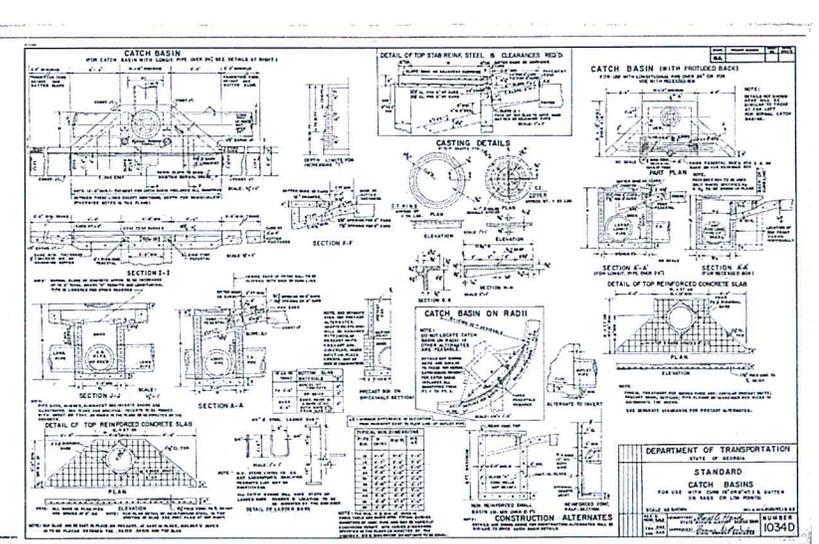
1 GDOT A2 CONCRETE VALLEY DETAIL
CD-02 N.T.S.



2 GDOT STD. CURB AND GUTTER DETAIL
CD-02 N.T.S.



3 GDOT ADA RAMPS
CD-02 N.T.S.



4 GDOT 1034D STANDARD CATCH BASIN DETAIL
CD-02 N.T.S.

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DATE	DESCRIPTION
01/13/2023	100% ISSUE FOR PERMIT
02/01/2023	100% IFP: ADDEN. 1- "SIDEWALK"
03/06/2023	100% IFP: ADDEN. 2- "CST CONCRETE"
04/21/2023	ISSUE FOR CONSTRUCTION

PROJECT # 2020-196 B
PROJECT MANAGER TC

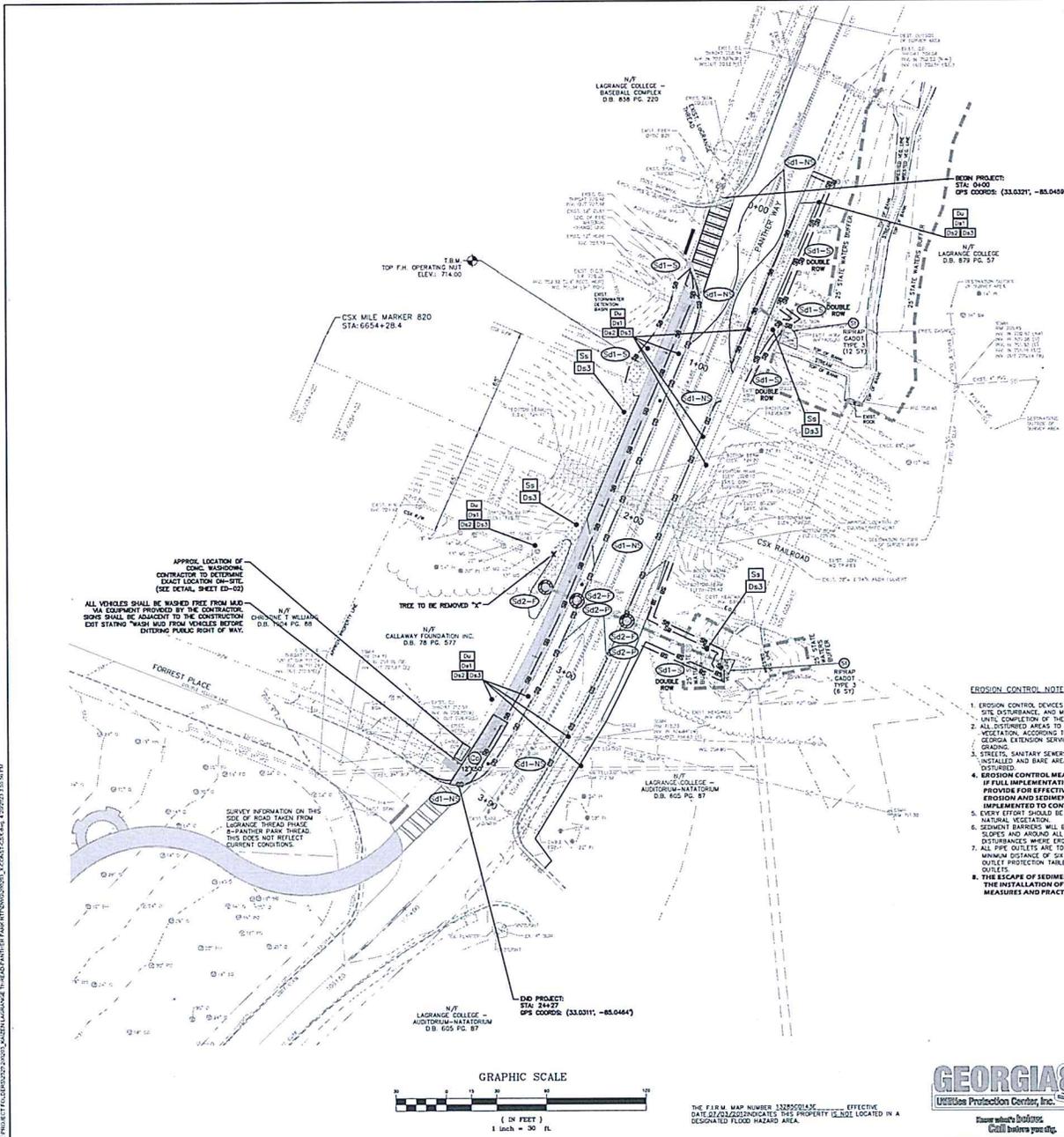
LAGRANGE THREAD PHASE 8 - PANTHER PARK CONNECTOR SIDEWALK LAGRANGE, GA

CONSTRUCTION DETAILS

SCALE AS SHOWN
DATE APRIL 21, 2023

SHEET # CD-02

C:\PROJECT\EROSION\2023\KAZIEN\LA GRANGE\THREAD PHASE 8\PATH FOUNDATION\EROSION\LA GRANGE EC-01.DWG, \$\$\$\$\$\$ 3/25/23 10:56 AM



- NOTES:**
- CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING EROSION CONTROL BMP'S THROUGHOUT CONSTRUCTION.
 - FINAL STABILIZATION OF SITE SHALL BE COORDINATED WITH LANDSCAPE PLANS. FINAL STABILIZATION BMP'S SHOWN ON THIS PLAN MAY VARY FROM STABILIZATION PROPOSED IN LANDSCAPE PLAN.
 - CONTRACTOR TO REPAIR ALL DISTURBED SURFACES TO PRE-CONSTRUCTION CONDITIONS OR BETTER.
 - ALL TEMPORARY EROSION CONTROL BMP'S (I.e. SEDIMENT BARRIER, INLET SEDIMENT TRAPS, CHECK DAMS, MULCH BERM, FILTER SOCK, ETC.) SHALL BE REMOVED FROM SITE UPON FINAL SITE STABILIZATION.
 - SEE MAINLINE PLAN SHEETS (CP SERIES) & STORM SEWER PROFILES (SP SERIES) FOR DETAILED STORM DRAINAGE AND PIPING INFORMATION.
 - ALL CONSTRUCTION ACCESS SHALL BE MAINTAINED IN A MANNER WHICH WILL PREVENT TRACKING OF FLOTT OF MUD ONTO PUBLIC RIGHTS-OF-WAY.
 - CONTRACTOR SHALL COORDINATE CONSTRUCTION EXIT LOCATIONS WITH PATH FOUNDATION PROJECT MANAGER AND CITY OF LAGRANGE PRIOR TO CONSTRUCTION.
 - Sd1-S & Sd1-NS SEDIMENT BARRIERS MAY BE EITHER SILT FENCE OR FILTER MEDIA SOCK AS PER DETAILS SHOWN ON SHEET ED-01.
 - DUE TO THE NATURE OF THIS CONSTRUCTION PROJECT, A DESIGNATED RE-FUELING SITE IS IMPRACTICAL. CONTRACTOR SHALL USE EXTRA CARE WHEN REFUELING EQUIPMENT. CONTRACTOR SHALL NOT RE-FUEL EQUIPMENT WITHIN 200 FEET OF STATE WATERS. ANY ADJACENT STORM SEWER SYSTEMS OR DITCHES SHALL BE PROTECTED FROM SPILLS. ANY SPILL MADE MUST BE CLEANED UP ACCORDING TO THE REQUIREMENTS PROVIDED IN THE EROSION, SEDIMENTATION, & POLLUTION CONTROL NOTES.

NOTE:
 *EROSION CONTROL DATA & DETAILS ARE CONTINUED ON OTHER ASSOCIATED, AND FOLLOWING SHEETS, SEE COMPLETE SET OF CONSTRUCTION PLANS FOR REVIEW. THIS SITE IS LOCATED WITHIN 200' (FEET) OF STATE WATERS.
 TOTAL SITE AREA 0.87 ACRE
 (TOTAL SITE AREA INCLUDES THE FULL WIDTH OF THE ROAD RIGHT OF WAY FROM THE BEGINNING TO END OF PROJECT)
 DISTURBED AREA 0.7 ACRE

- EROSION CONTROL NOTES:**
- EROSION CONTROL DEVICES WILL BE PROPERLY INSTALLED PRIOR TO SITE DISTURBANCE, AND MAINTAINED IN GOOD WORKING CONDITION UNTIL COMPLETION OF THE PROJECT.
 - ALL DISTURBED AREAS TO BE ESTABLISHED TO SUITABLE PERENNIAL VEGETATION, ACCORDING TO USDA SOIL COOPERATION SERVICE OR GEORGIA EXTENSION SERVICE SPECIFICATIONS, IMMEDIATELY AFTER FINAL GRADING.
 - STREETS, SANITARY SEWERS, AND STORM SEWERS WILL BE INSTALLED AND BARE AREAS STABILIZED BEFORE OTHER AREAS ARE DISTURBED.
 - EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 - EVERY EFFORT SHOULD BE MADE TO CONSERVE AND PROTECT NATURAL VEGETATION.
 - SEDIMENT BARRIERS WILL BE PLACED AT THE TOP OF ALL CUT AND FILL SLOPES AND AROUND ALL DROP INLETS, ALSO BELOW ALL LOT DISTURBANCES WHERE EROSION RUN-OFF MIGHT LEAK. THE SITE.
 - ALL PIPE OUTLETS ARE TO BE COVERED WITH #50 GRAP FOR A MINIMUM DISTANCE OF SIX (6) TIMES THE DIAMETER OF THE PIPE. SEE OUTLET PROTECTION TABLE FOR DIMENSIONS OF REPAIR FOR INDIVIDUAL OUTLETS.
 - THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND-DISTURBING ACTIVITIES.

- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
- NON-COMPLIANT SITES CAN BE FINED UP TO \$2,500.00 DOLLARS PER DAY, PER VIOLATION AS SET OUT BY THE EROSION AND SEDIMENT CONTROL ACT, THE GEORGIA WATER QUALITY CONTROL ACT PROHIBITS FINES UP TO \$50,000.00 DOLLARS PER DAY, PER VIOLATION!
- NON-EMERGENCY ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WETTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
- WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- THE PRIMARY PERMITTEE MUST RETAIN THE DESIGN PROFESSIONAL WHO PREPARED THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, EXCEPT WHEN THE PRIMARY PERMITTEE HAS REQUESTED IN WRITING AND THE EPD HAS AGREED TO AN ALTERNATE DESIGN PROFESSIONAL, TO INSPECT THE INSTALLATION OF THE CONTROL MEASURES (BMP'S) WHICH THE DESIGN PROFESSIONAL DESIGNED WITHIN SEVEN (7) DAYS AFTER INSTALLATION.
- ANY AMENDMENTS/REVISIONS TO THE EROSION PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HAZARDOUS COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
- 24-HOUR CONTACT PERSON RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL DEVICES AND MEASURES IS:
 NAME: PATH FOUNDATION
 NAME: ATRN, JEFF FELLECKE
 TELEPHONE #: 404-332-3332

CONSTRUCTION MANAGEMENT
 PATH FOUNDATION
 JONATHAN MCCAIG - 24 HOUR CONTACT
 GA GSWWC LEVEL 1 CERTIFICATION # 58893
 EXP. 08/17/2021
 office 404-875-7284 x5 cell 404-433-1900

OWNER/DEVELOPER:
 CITY OF LAGRANGE
 200 WHEATLEY AVENUE
 LAGRANGE, GA 30240
 706-883-2016
 www.cityoflagrange.org

KAIZENCOLLABORATIVE
 2300 MAIN STREET | TUCKER, GEORGIA 30084 | 404.239.3621

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DATE	DESCRIPTION
01/12/2023	100% ISSUE FOR PERMIT
04/21/2023	ISSUE FOR CONSTRUCTION

PROJECT # 2019-196
 PROJECT MANAGER GA

LAGRANGE THREAD PHASE 8 - PANTHER PARK CONNECTOR TRAIL
 LaGRANGE, GA



EROSION CONTROL PLAN

SCALE	1" = 30'
DATE	JANUARY 13, 2023
SHEET #	EC-01



THE FIRM MAP NUMBER 33250242LX IS EFFECTIVE DATE 03/23/2023 INDICATES THIS PROPERTY IS NOT LOCATED IN A DESIGNATED FLOOD HAZARD AREA.

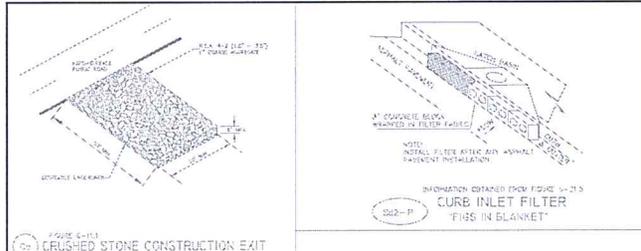


FIGURE 6-11 CRUSHED STONE CONSTRUCTION EXIT

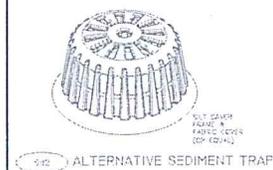


FIGURE 6-12 ALTERNATIVE SEDIMENT TRAP

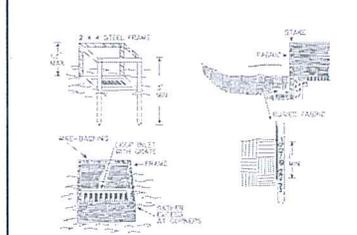


FIGURE 6-13 FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION

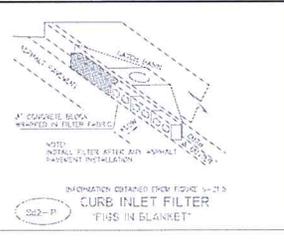


FIGURE 6-14 COMPOST SOCKS FOR CHECK DAMS

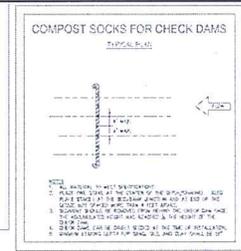


FIGURE 6-15 STONE CHECK DAM

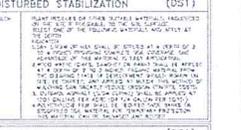


FIGURE 6-16 DISTURBED STABILIZATION (DS1)



FIGURE 6-17 TEMPORARY VEGETATIVE PLAN (DS2)

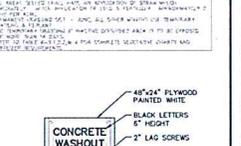


FIGURE 6-18 PERMANENT GRASSING PLAN (DS3)

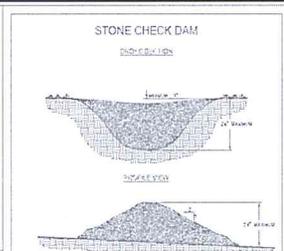


FIGURE 6-19 CONCRETE WASHOUT



FIGURE 6-20 RIPRAP OUTLET PROTECTION



FIGURE 6-21 EROSION AND SEDIMENT CONTROL

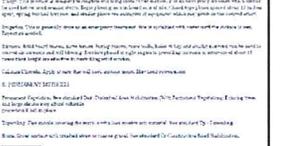


FIGURE 6-22 RIPRAP OUTLET PROTECTION

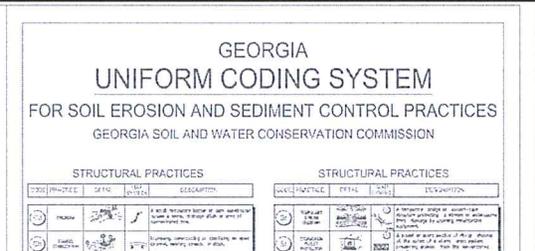


FIGURE 6-23 GEORGIA UNIFORM CODING SYSTEM



FIGURE 6-24 VEGETATIVE PRACTICES



FIGURE 6-25 CONCRETE WASHOUT



FIGURE 6-26 RIPRAP OUTLET PROTECTION

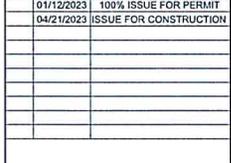
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DATE	DESCRIPTION
01/12/2023	100% ISSUE FOR PERMIT
04/21/2023	ISSUE FOR CONSTRUCTION

PROJECT #	2019 - 196
PROJECT MANAGER	CA

LaGRANGE THREAD PHASE 8 - PANTHER PARK CONNECTOR TRAIL
LaGRANGE, GA



EROSION CONTROL DETAILS

SCALE	N.T.S.
DATE	JANUARY 13, 2023

SHEET # **ED-01**

TABLE A*
OUTLET PROTECTION TABLE

STRUCTURE NO.	PIPE SIZE (in)	FLOW Q (cfs)	VELOCITY (ft/s)	WT (lb)	WT (lb)	L _o (ft)	S _o (ft)	D (ft)
1.1	18	3.81	4.34	4.5	13.5	9	20.25	9
2.1	18	7.15	3.43	4.5	13.5	9	20.25	9

$W_o = 30Q$
 $W_o = D_o + L_o$
 $D = 1.5 \times \text{MAX. ROOK SIZE}$
 $RIP RAP = 64 \text{ DOT STD AAS}$

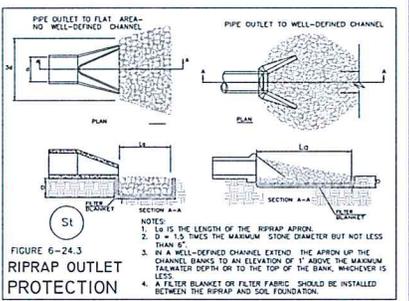


FIGURE 6-24.3 RIPRAP OUTLET PROTECTION

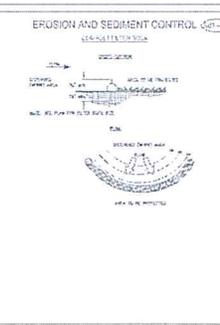


FIGURE 6-25 EROSION AND SEDIMENT CONTROL

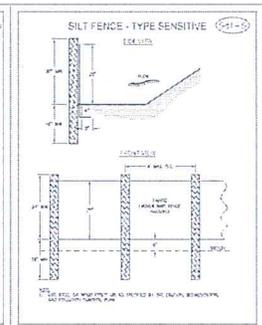


FIGURE 6-26 RIPRAP OUTLET PROTECTION

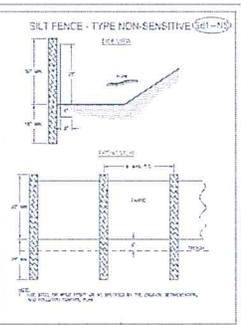


FIGURE 6-27 RIPRAP OUTLET PROTECTION

