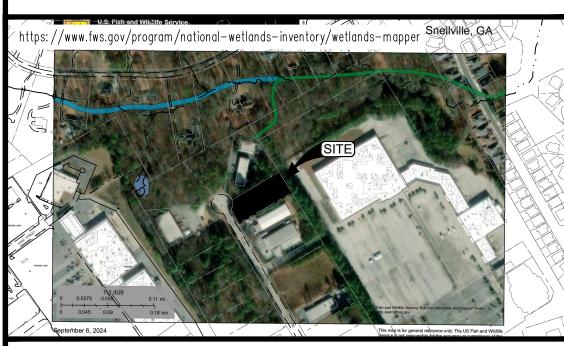


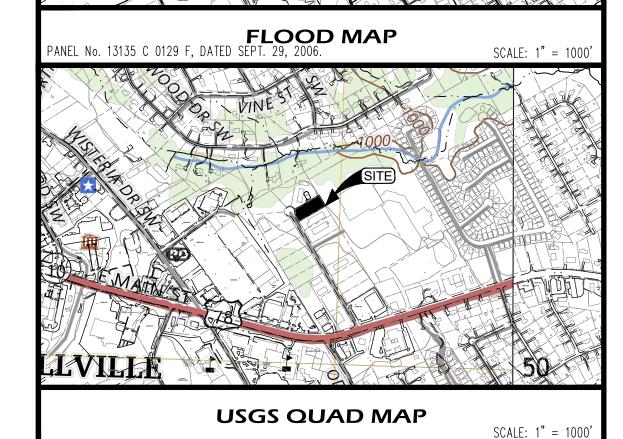
WETLAND CERTIFICATION:

THE DESIGN PROFESSIONAL, WHOSE SEAL APPEARS HEREON, CERTIFIES THE FOLLOWING:

- THE NATIONAL WETLAND INVENTORY MAPS HAVE BEEN CONSULTED.
- 2. THE APPROPRIATE PLAN SHEET **DOES NOT** INDICATE AREAS OF UNITED STATES ARMY CORPS OF ENGINEERS JURISDICTIONAL WETLANDS AS SHOWN ON THE MAPS.
- IF WETLANDS ARE INDICATED, THE LAND OWNER OR DEVELOPER HAS BEEN ADVISED THAT LAND DISTURBANCE OF PROTECTED WETLANDS SHALL NOT OCCUR UNLESS THE APPROPRIATE FEDERAL WETLANDS ALTERATION (SECTION 404) PERMIT HAS BEEN







TI IS THE OWNER'S/DEVELOPER'S RESPONSIBILITY TO BE IN COMPLIANCE WITH APPLICABLE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND CLEAN WATER ACT REQUIREMENTS.

CITY OF SNELLVILLE ASSUMES NO RESPONSIBILITY FOR OVERFLOW OR EROSION OF NATURAL OR ARTIFICIAL DRAINS BEYOND THE EXTENT OF THE STREET RIGHT-OF-WAY, OR FOR THE EXTENSION OF CULVERTS BEYOND THE POINT SHOWN ON THE APPROVED AND RECORDED PLAN. CITY OF SNELLVILLE DOES NOT ASSUME THE RESPONSIBILITY FOR THE MAINTENANCE OF PIPES IN DRAINAGE EASEMENTS BEYOND THE CITY RIGHT-OF-WAY.

NOTIFY CITY OF SNELLVILLE INSPECTIONS 24-HOURS BEFORE BEGINNING OF EVERY PHASE OF CONSTRUCTION (770-985-3513).

NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL SITE IMPROVEMENTS HAVE BEEN COMPLETED.

NO OUTSIDE STORAGE PROPOSED. THIS INCLUDES SUPPLIES, EQUIPMENT, VEHICLES, PRODUCTS, ETC.

SIGNS, LOCATION, NUMBER, AND SIZE ARE NOT APPROVED UNDER THIS PERMIT. A SEPARATE SIGN AND BUILDING PERMIT IS REQUIRED FOR EACH

ALL CONSTRUCTION TO COMPLY WITH CITY OF SNELLVILLE (AND GWINNETT COUNTY IF APPLICABLE) STANDARDS.

NO CERTIFICATE OF OCCUPANCY/COMPLETION WILL BE ISSUED UNTIL

CONDITIONS OF ZONING OR VARIANCES ARE COMPLETED.

NO CUT TREES, TIMBER, STUMPS, DEBRIS, ROCKS, STONES, JUNK, RUBBISH, GARBAGE, OR OTHER WASTE MATERIAL OF ANY KIND SHALL BE BURIED IN ANY RIGHT-OF-WAY, UNDER ANY PROPOSED STRUCTURE

THERE IS A STRUCTURE CURRENTLY PRESENT ON THE SUBJECT (REPLATTED)

BUILDING WILL COMPLY WITH GENERAL ARCHITECTURAL STANDARDS OF SECTION 201-3 OF THE CITY OF SNELLVILLE UNIFIED DEVELOPMENT

AFTER THE ISSUANCE OF ANY PERMIT AUTHORIZING CLEARING AND GRADING

1. REQUIRED EROSION CONTROL MEASURES MUST BE INSTALLED, WHERE PRACTICAL, BY THE DEVELOPER AND INSPECTED AND APPROVED BY THE DIRECTOR BEFORE ACTUAL GRADING OR REMOVAL OF VEGETATION. ALL CONTROL MEASURES MUST BE IN PLACE AS SOON AFTER THE COMMENCEMENT OF ACTIVITIES AS POSSIBLE AND IN COORDINATION WITH THE PROGRESS OF THE PROJECT.

2. SOIL SEDIMENTATION FACILITIES MUST BE INSTALLED AND OPERATIONAL BEFORE MAJOR GRADING OPERATIONS.

3. AREAS REQUIRED TO BE UNDISTURBED BY THIS UDO, CONDITIONS OF ZONING APPROVAL, OR OTHER ORDINANCE REGULATION MUST BE DESIGNATED BY SURVEY STAKES, FLAGS, OR OTHER APPROPRIATE MARKINGS AND MUST BE INSPECTED AND APPROVED BY THE DIRECTOR BEFORE STARTING ANY CLEARING OR GRADING ACTIVITIES.

THE DEVELOPER OR CONTRACTOR MUST VERBALLY NOTIFY THE DIRECTOR AT LEAST 24 HOURS BEFORE STARTING FACH OF THE FOLLOWING PHASES. AS MUST BE MADE BY THE DIRECTOR AND PASSED BEFORE THE CONTINUATION OF FURTHER ACTIVITY OR PROCEEDING INTO NEW PHASES. A SIMILAR NOTIFICATION MUST BE MADE TO THE GWINNETT COUNTY INSPECTION DEPARTMENT FOR ANY ACTIVITY INVOLVING THE WATER OR SANITARY SEWER

1. CLEARING OR CLEARING AND GRUBBING OF THE SITE OR ANY PORTION INCLUDED UNDER THE PERMIT.

2. GRADING. INSTALLATION OF SLOPE STAKES IS REQUIRED. UPON COMPLETION OF ROADWAY GRADING, THE WATER CERTIFICATE SHALL BE SUBMITTED TO THE GWINNETT COUNTY DEPARTMENT OF PLANNING AND DEVELOPMENT CERTIFYING THAT THE CENTERLINE OF THE ROAD AND THE OFFSETT CENTERLINE OF THE WATER LINE IS WITHIN 6 INCHES OF THAT SHOWN ON THE APPROVED PLANS OR REDLINED PLAN SUBMITTAL INSPECTION AND APPROVAL WILL BE REQUIRED BEFORE TRENCHING OR CONTINUATION WITH SUB-BASE PREPARATION.

3. INSTALLATION OF STORM DRAINAGE PIPE, DETENTION OR OTHER STORMWATER FACILITIES.

4. INSTALLATION OF SANITARY SEWER AND APPURTENANCES. THIS NOTIFICATION MUST BE MADE SIMULTANEOUSLY WITH OFFICIAL NOTIFICATION BY THE DEVELOPER OR CONTRACTOR TO THE GWINNETT COUNTY WATER POLLUTION CONTROL DIVISION, AND IF FOR INFORMATIONAL PURPOSES ONLY, TO THE DEPARTMENT.

5. CURBING OF ROADWAYS. INSPECTION SHOULD BE REQUESTED BEFORE THE FORMS HAVE BEEN SET (IF USED). ROADWAY WIDTH WILL BE SPOT CHECKED BY STRING LINE BETWEEN CURB STAKES.

6. SUBBASE OR SUB-GRADE OF STREETS. AFTER COMPACTION, THE SUBGRADE MUST BE STRING-LINED FOR DEPTH AND CROWN. THE SUBGRADE MUST BE ROLL TESTED AND MUST PASS WITH NO MOVEMENT, TO THE SATISFACTION OF THE INSPECTION DEPARTMENT.

7. STREET BASE. THE BASE MUST BE STRING-LINED FOR DEPTH AND CROWN AND MUST PASS A ROLL TEST WITH NO MOVEMENT TO THE SATISFACTION OF THE DIRECTOR.

8. PAVING. THE DIRECTOR MUST BE ON-SITE DURING THE PAVING PROCESS TO CHECK CONSISTENCY, DEPTH, AND WORKMANSHIP, AS APPLICABLE. FOR ASPHALT PAVING, THE TEMPERATURE OF THE MATERIAL WILL BE SPOT-CHECKED, AND THE ROADWAYS WILL BE CORED AFTER COMPLETION TO CHECK THICKNESS.

THE COMPLETION OF INSPECTIONS BY CITY OFFICIALS OR EMPLOYEES AND AUTHORIZATION FOR WORK CONTINUATION WILL NOT TRANSFER RESPONSIBILITY FOR THE QUALITY OF THE WORK PERFORMED OR MATERIALS USED FOR THE CONTRACTOR OR DEVELOPER, NOR IMPLY OR TRANSFER ACCEPTANCE OF RESPONSIBILITY FOR PROJECT DESIGN OR ENGINEERING FROM THE PROFESSIONAL CORPORATION OR INDIVIDUAL UNDER WHOSE HAND OR SUPERVISION THE PLANS WERE PREPARED.

WORK WHICH IS NOT AUTHORIZED BY AN APPROVED PERMIT, OR WHICH IS NOT IN CONFORMANCE TO THE APPROVED PLANS FOR THE PROJECT, OR WHICH IS NOT IN COMPLIANCE WITH THE PROVISIONS OF THE UDO OR ANY OTHER ADOPTED CODE, REGULATION OR ORDINANCE OF THE CITY, WILL BE SUBJECT TO IMMEDIATE STOP WORK ORDER BY THE DIRECTOR. WORK WHICH PROCEEDS WITHOUT HAVING RECEIVED THE NECESSARY INSPECTIONS OF THE DIRECTOR MUST BE HALTED UNTIL ALL INSPECTIONS OF INTERVENING WORK

IF, FOR ANY REASON, A CLEARING AND GRUBBING, GRADING, OR DEVELOPMENT PERMIT EXPIRES AFTER LAND DISTURBANCE ACTIVITIES HAVE STARTED, THE DEVELOPER MUST STABILIZE THE SITE FOR EROSION CONTROL. UNDER THE DIRECTION OF THE DIRECTOR.

UPON COMPLETION OF A SITE DEVELOPMENT PROJECT, SILT FENCES AND OTHER TEMPORARY EROSION CONTROL MEASURES MUST BE REMOVED BEFORE THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY OR WITHIN 30 DAYS OF PERMANENT STABILIZATION OR SUBMISSION OF A NOTICE OF TERMINATION TO THE STATE OF GEORGIA, WHICHEVER OCCURS FIRST.

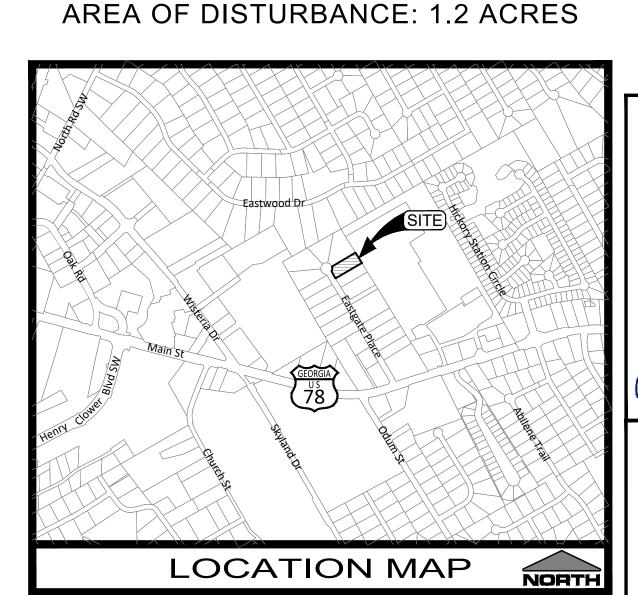
CIVIL SITE DEVELOPMENT **DRAWINGS FOR:** EVOLUTION

SPORTS COMPLEX

PARKING ADDITION

LAT: 33.857849 LONG: -84.007286

SITE ADDRESS: 2440 EASTGATE PLACE TAX MAP ID: R5038 155 ZONED: BG SITE AREA: 1.72 ACRES



ANTICIPATED CONSTRUCTION SCHEDULE

		:	20)2	25	5 -	- 2	20)2	26	5	
ACTIVITY	ı	ИC).	1	N	ИC). 2	2	١	ИC). (3
	1	2	3	4	1	2	3	4	1	2	3	4
EROSION CONTROL / BMP INSTALLATION		_										
EROSION CONTROL / BMP MAINTENANCE*												
CLEARING & GRUBBING												
GRADING												
STORM DRAINAGE												
PARKING SUBBASE												
FINAL PAVING												
LANDSCAPING & GRASSING												

- WEEKLY THROUGHOUT PROJECT.
- NOTIFY INSPECTOR 24 HOURS BEFORE BEGINNING EVERY PHASE OF CONSTRUCTION. • CONTRACTOR IS TO REMOVE ALL TEMPORARY SEDIMENT CONTROL AFTER FINAL STABILIZATION OF SITE.

UTILITY DISCLAIMER: IN ADDITION TO SHOWING THE STRUCTURES TO BE BUILT UNDER THIS CONTRACT. THE DRAWINGS SHOW CERTAIN INFORMATION OBTAINED BY THE ENGINEER REGARDING THE PIPES, POLE LINES, CONDUITS, AND OTHER STRUCTURES WHICH EXIST ALONG THE LINE OF THE WORK, BOTH AT AND BELOW THE SURFACE OF THE GROUND. THE ENGINEER AND THE OWNER EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION GIVEN ON THE DRAWINGS WITH REGARD TO EXISTING STRUCTURES AND THE CONTRACTOR WILL NOT BE ENTITLED TO ANY EXTRA COMPENSATION ON ACCOUNT OF ANY INACCURACY OR INCOMPLETENESS OF SUCH INFORMATION, SAID STRUCTURES BEING INDICATED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR, WHO MUST VERIFY THE INFORMATION TO HIS OWN SATISFACTION. THE GIVING OF THIS INFORMATION UPON THE CONTRACT DRAWINGS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO SUPPORT AND PROTECT ALL PIPES, CONDUITS, AND OTHER STRUCTURES. THE CONTRACTOR SHALI LOCATE ALL UNDERGROUND OBSTRUCTIONS PRIOR TO EXCAVATION SO AS TO PREVENT ANY DAMAGE TO THOSE SERVICES OR OTHER UTILITIES. ANY SUCH DAMAGES MUST BE REPAIRED WITHOUT DELAY AND THE COST OF SUCH REPAIRS MUST BE BORNE BY THE CONTRACTOR.

> 72 HRS NOTICE IS REQUIRED TO GEORGIA 811 UTILITY PROTECTION CENTER BEFORE ANY PLANNED DIGGING.

BEFORE STARTING LAND DISTURBANCE ACTIVITIES, AND THROUGHOUT THE CLEARING AND GRADING PROCESS, THE FOLLOWING MUST OCCUR FOR ANY DESIGNATED TREE PROTECTION AREA IN ACCORDANCE WITH ANY APPROVED BUFFER AND LANDSCAPE PLAN OR TREE PRESERVATION/REPLACEMENT PLAN:

1. FOR THOSE TREES THAT ARE NOT TO BE REMOVED, ALL TEMPORARY PROTECTION FENCING, STAKING, AND ANY TREE PROTECTION AREA SIGNS MUST BE IN PLACE. THESE BARRIERS MUST BE MAINTAINED THROUGHOUT THE LAND DISTURBANCE PROCESS AND SHOULD NOT BE REMOVED UNTIL LANDSCAPING IS BEGUN.

2. THE TREE PROTECTION AREAS MAY NOT BE USED FOR THE STORAGE OF EARTH AND OTHER MATERIALS RESULTING FROM OR USED DURING THE DEVELOPMENT PROCESS.

3. CONSTRUCTION ACTIVITIES, SUCH AS PARKING, MATERIALS STORAGE, CONCRETE WASHOUT, BURNING, ETC., MUST BE ARRANGED TO PREVENT DISTURBANCES IN THE TREE PROTECTION AREAS.

EROSION. SEDIMENTATION AND POLLUTION CONTROL PLAN. OR AN ALTERNATIVE DESIGN PROFESSIONA APPROVED BY EPD IN WRITING, TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WHICH THE DESIGN PROFESSIONAL DESIGNED WITHIN SEVEN (7) DAYS AFTER INSTALLATION. THE DESIGN PROFESSIONAL SHALL DETERMINE IF THESE BMPs HAVE BEEN INSTALLED AND ARE BEING MAINTAINED AS DESIGNED. THE DESIGN PROFESSIONAL SHALL REPORT THE RESULTS OF THE INSPECTION TO THE PRIMARY PERMITTEE WITHIN SEVEN (7) DAYS AND THE PERMITTEE MUST CORRECT ALL DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF RECEIPT OF THE INSPECTION REPORT FROM THE DESIGN PROFESSIONAL UNLESS WEATHER RELATED SITE CONDITIONS ARE SUCH THAT ADDITIONAL TIME IS REQUIRED.

REVISIONS OR AMENDMENTS TO THESE PLANS SHOULD BE SUBMITTED TO THE LOCAL ISSUING AUTHORITY FOR REVIEW.

NPDES CERTIFICATIONS

I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES MEETS THE DESIGN REQUIREMENTS AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001.

"I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION."

GEORGIA'S 2012 OR SUBSEQUENT 305(b)/303(d) LIST DOCUMENTS HAVE BEEN CONSULTED. IT WAS DETERMINED THAT THIS SITE **DOES NOT** DRAIN INTO AN IMPAIRED STREAM SEGMENT, **NOR** IS WITHIN 1 LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT.

10/9/25

OBÉRT A. CONE, RLA # 1151, GWSCC # 39604

OWNER'S ACKNOWLEDGMENT & DECLARATION

(STATE OF GEORGIA) (COUNTY OF GWINNETT)

HE OWNER OF THE LAND SHOWN ON THIS PLAT AND WHOSE NAME IS SUBSCRIBED THERETO, AND IN THROUGH A DULY AUTHORIZED AGENT, ACKNOWLEDGES THAT THIS PLAT WAS MADE FROM AN ACTUAL SURVEY, AND ACCURATELY DEPICTS THE LAND OWNED BY THE UNDERSIGNED AND DEDICATED BY THIS DECLARATION TO THE USE OF THE PUBLIC FOREVER ALL STREETS, SEWER COLLECTORS, LIFT STATIONS, DRAINS, EASEMENTS, AND OTHER PUBLIC FACILITIES AND APPURTENANCES THEREON SHOWN, AND TRANSFERS OWNERSHIP OF ALL PUBLIC USE AREAS IN FEE SIMPLE BY DEED, FOR THE PURPOSES THEREIN EXPRESSED.

ANTHONY MONTE DE OCA 9-10-25 DATE 9-10-25

ENGINEERS CERTIFICATION STORM WATER RUNOFF: 2, 5, 10, 25, 50 AND 100 YEAR STORM

DANIEL ANTHONY ESTEBAN, PE

A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF GEORGIA HEREBY CERTIFY THAT THE GRADING AND DRAINAGE PLANS FOR THE SUBJECT PROJECT KNOWN AS

EVOLUTION SPORTS COMPLEX, PARKING ADDITION

LYING IN LAND 38 LOT OF THE 5TH DISTRICT OF GWINNETT COUNTY HAVE BEEN PREPARED UNDER MY SUPERVISION AND THAT THE EXECUTION OF SAID PLANS WILL NOT INCREASE THE PRESENT STORM WATER DISCHARGE RATE FROM THE SITE.

THIS THE 9 DAY OF October

OWNER'S CERTIFICATION:

OWNER'S CERTIFICATION

GEORGIA P.E. No.

THE OWNER SHALL SUBMIT PLANS AND COMPLY WITH SECTION 207-5 OF THE CITY OF SNELLVILLE UNIFIED DEVELOPMENT ORDINANCE (UDO) PRIOR TO THE INSTALLATION OF ANY FUTURE EXTERIOR LIGHTING.

9-10-25

COMMERCIAL SITE OWNER'S CERTIFICATION: OWNER'S CERTIFICATION

"I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HERON AND THAT I (WE) HEREBY ADOPT THIS PLAN WITH MY (OUR) FREE CONSENT, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES DEDICATED ALL STREETS, EASEMENTS, ALLEYS, WALKS, PARKS, AND OTHER OPEN SPACES TO PUBLIC OR PRIVATE USE AS NOTED, AND AGREE TO PROVIDE DIRECTLY OR INDIRECTLY FOR MAINTENANCE OF ALL COMMON AREAS OR OUTLOTS.

9-10-25

CERTIFICATE OF DEVELOPMENT PLANS APPROVAL

ALL REQUIREMENTS OF THE CITY OF SNELLVILLE REGULATIONS RELATIVE TO THE PREPARATION AND SUBMISSION OF A DEVELOPMENT PERMIT APPLICATION HAVING BEEN FULFILLED, AND SAID APPLICATION AND ALL SUPPORTING PLANS AND DATA HAVING BEEN REVIEWED AND APPROVED BY ALL AFFECTED CITY AND COUNTY DEPARTMENTS AS REQUIRED UNDER THEIR RESPECTIVE AND APPLICABLE REGULATIONS, APPROVAL IS HEREBY GRANTED OF THIS SITE PLAN AND ALL OTHER DEVELOPMENT PLANS ASSOCIATED WITH THIS PROJECT SUBJECT TO ALL FURTHER PROVISIONS OF SAID DEVELOPMENT AND OTHER CITY REGULATION.

DIRECTOR, PLANNING & DEVELOPEMENT DEPARTMENT

CITY OF SNELLVILLE

THIS CERTIFICATE EXPIRES TWELVE MONTHS FROM THE DA OF APPROVAL UNLESS A DEVELOPMENT PERMIT IS ISSU

INDEX

OWNER/DEVELOPER INFO: 2440 EAST GATE PLACE, LLC 4471 OGLETHORPE LOOP NW ACWORTH, GA 30101

24-CONTACT: ANTHONY MONTE DE OCA 225-936-3463

fmdeoca@hotmail.com THE CONTACT PERSON MUST BE ACCESSIBLE 24 HOURS A DAY, 7 DAYS A WEEK WITH NO EXCEPTIONS.

UTILITY NOTE:

THIS PROJECT IS FOR THE DESIGN OF A PARKING LOT ONLY. THERE IS NO PROPOSED WATER OR SEWER WITH THIS SET OF CONSTRUCTION PLANS

CODE REFERENCE NOTES: 2012 GWINNETT COUNTY ORDINANCE FOR FIRE PREVENTION AND PROTECTION ORDINANCE

CURRENT ADOPTED OCGA 120-3-3 GEORGIA MINIMUM FIRE SAFETY STANDARDS

3. 2018 INTERNATIONAL FIRE CODE (AMENDED BY 120-3-3)

4. NFPA 101 LIFE SAFETY CODE 2018 EDITION. (AMENDED BY 120-3-3)

5. 2010 ADA STANDARD FOR ACCESSIBLE DESIGN Added,

Sheet Title Number C-1B SUP CONDITIONS GSWCC CHECKLIST & SOILS INFORMATION CONSTRUCTION NOTES C-4A EXISTING CONDITIONS (BY OTHERS) C-4B EXEMPTION PLAT (BY OTHERS) C-4C TREE PROTECTION & DEMOLITION PLAN C-5 SITE & UTILITY PLAN C-5A EXIST. FORCEMAIN PROFILE C-6A GRADING & DRAINAGE PLAN C-6B STORM PROFILE & POND DETAILS E.S.& P.C. NOTES C-7B E.S.& P.C. NOTES C-8 E.S.& P.C. PLAN INITIAL PHASE C-9 E.S.& P.C. PLAN INTERMEDIATE PHASE C-10 E.S.& P.C. PLAN FINAL PHASE C-11 GSWCC DETAILS GSWCC DETAILS GSWCC DETAILS C-14 CONSTRUCTION DETAILS LS-1 LANDSCAPE PLAN LANDSCAPE DETAILS & NOTES LIGHTING PLAN LP-2 LIGHTING DETAILS LIGHTING DETAILS

APPROVED VARIANCES, INCLUDING CASE NUMBER, APPROVAL DATE, AND CONDITIONS (SEE SHEET OF

GSWC

GEORGIA SOIL AND WATER CONSERVATION COMMISSIO

LEVEL II CERTIFIED DESIGN PROFESSIONA

CERTIFICATION NUMBER: 0000039604 EXPIRES: 05/21/2026

Land Solution Associates,

P.O. Box 187 Tiger, GA 30576 (o) 678.725.4631

e) landsolutionassociates@gmail.com CONTACT: ROBERT "BO" CONE OWNER / DEVELOPER:

GATEWAY DEOCA, LLC 4471 Oglethorpe Loop NW Acworth, GA 30101 225-936-3463 24-Hr CONTACT Anthony Monte De Oca

225-936-3463 fmdeoca@hotmail.com

S COMPLI JTION SPOF PARKING AI

0

SIGNED / SEALED

SIGNED BY: RAC SCALE: AS SHOWN

RAWN BY: JAM IECKED BY: RAC

24-012

9-Oct-25

STATE OF GEORGIA

CITY OF SNELLVILLE

ORDINANCE 2025-16

AN ORDINANCE TO GRANT A SPECIAL USE PERMIT APPLICATION BY 2440 EAST GATE PLACE, LLC REQUESTING A SPECIAL USE PERMIT FOR AN INDOOR SPORTS FACILITY AND VARIANCES FROM THE SNELLVILLE UNIFIED DEVELOPMENT FOR AN EXISTING 12,000 SQ. FT. BUILDING AND ADJACENT UNDEVELOPED LOT ON A COMBINED 1.72 ACRE SITE, ZONED BG (GENERAL BUSINESS) DISTRICT AND LOCATED IN THE TCO (TOWNE CENTER OVERLAY) DISTRICT, 2430-2440 EASTGATE PLACE, SNELLVILLE, GEORGIA (TAX PARCELS 5038 155 AND 5038 156); TO PROVIDE FOR SEVERABILITY; TO REPEAL CONFLICTING ORDINANCES; TO PROVIDE AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

CASE NUMBER:

#SUP 25-03

APPLICANT/PROPERTY OWNER: East Gate Place, LLC

LOCATION: 2340-2440 Eastgate Place, Snellville, Georgia (the "Property")

TAX PARCEL:

R5038 155 and 5038 156 Indoor Sports Facility

DEVELOPMENT/PROJECT: VARIANCES REQUESTED:

1. Variance from Table 207-1.2.B. (Vehicle Parking Requirements): to reduce the minimum required onsite parking spaces from

57 spaces to 34 spaces.

2. Variance from Sec. 206-1.6. (Space Limits) to increase the 10 feet maximum front yard building setback to 63 feet to allow the existing building to remain in its current location.

3. Variance from Sec. 207-3.2 (Landscape Strip) to eliminate the 5-feet minimum depth landscape strip along the northeastern property line due to existing overhead utility and sanitary sewer easements.

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of this Ordinance is mutually dependent upon any other section, paragraph, sentence, clause or phrase of this Ordinance.

(c) In the event that any phrase, clause, sentence, paragraph or section of this Ordinance shall, for any reason whatsoever, be declared invalid, unconstitutional or otherwise unenforceable by the valid judgment or decree of any court of competent jurisdiction, it is the express intent of the Mayor and Council that such invalidity, unconstitutionality or unenforceability shall, to the greatest extent allowed by law, not render invalid, unconstitutional or otherwise unenforceable any of the remaining phrases, clauses, sentences, paragraphs or sections of the Ordinance and that, to the greatest extent allowed by law, all remaining phrases, clauses, sentences, paragraphs and sections of the Ordinance shall remain valid, constitutional, enforceable, and of full force and effect.

Section 6. All ordinances and parts of ordinances in conflict herewith are hereby expressly repealed.

Section 7. This Ordinance was adopted on _______, 2025. The effective date of this Ordinance shall be the date of adoption unless otherwise stated herein.

[SIGNATURES BEGIN ON THE FOLLOWING PAGE]

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Areas) to waive the tree planting requirement in the parking lot terminus islands along the northern ten parking spaces due to overhead

Acworth, Georgia 31001

4. Variance from Sec. 207-3.3. (Parking

Fermin Montes De Oca, Member CONTACT: 2440 East Gate Place, LLC

225-936-3463 fmdeoca@hotmail.com WHEREAS, the governing authority of the City of Snellville, Georgia is the Mayor

and Council thereof; and WHEREAS, the Department of Planning and Development has received an

application from applicant and property owner Fermin Montes De Oca, 2440 East Gate Place, LLC requesting a special use permit to allow the existing 12,000 sq. ft. building within the TCO (Towne Center Overlay) District for single-use/tenant Evolution Sports & Fitness Complex on the 0.81± acre site (Tract 2) at 2440 Eastgate Place and variances from the Snellville Unified Development Ordinance for parking, front building setback, side yard landscape strip, and parking terminus islands and tree planting. The applicant intends to combine and develop the adjacent 0.91± acre undeveloped lot (Tract 1) at 2430 Eastgate Place for a parking lot and stormwater management facility to serve the 1.72± acre combined development.

WHEREAS, the governing authority of the City of Snellville, Georgia desires to grant the requested special use for indoor sports facility subject to conditions; and,

WHEREAS, the health, safety, and welfare of the citizens of Snellville, Georgia, will be positively impacted by the adoption of this Ordinance; therefore:

IT IS HEREBY ORDAINED BY THE GOVERNING AUTHORITY OF THE CITY OF SNELLVILLE, GEORGIA, and by the authority thereof:

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ORDAINED this May of July, 2025

Barbara Bender, Mayor

Tod Warner, Mayor Pro Tem

APPROVED AS TO FORM:

Gretchen Schulz, Council Member MAAO Kerry Hetherington, Council Member

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Section 1. For reasons stated in the public hearing, the special use permit is hereby granted use for an indoor sports facility and variances from the Snellville Unified Development for an existing 12,000 sq. ft. building and adjacent undeveloped lot on a combined 1.72 acre site, zoned BG (General Business) District and located in the TCO (Towne Center Overlay) District, 2430-2440 Eastgate Place, Snellville, Georgia (Tax Parcels 5038 155 and 5038 156) subject to the following conditions:

- 1. The property shall be developed in general accordance with the parking addition site plan entitled "Evolution Sports Complex Parking Addition", dated 4-3-2025 (stamped received APR 15 2025 and attached hereto as Exhibit "A"), with modifications permitted to meet conditions of zoning or State, County, and City regulations. Substantial variation from the conceptual rezoning site plan, as determined by the Director of Planning and Development will require Mayor and Council approval, after receiving recommendations by the Planning Department and Planning Commission.
- 2. The parking lot, stormwater management, and landscaping improvements made to 2430 Eastgate Place (Parcel 5038 156) shall not trigger the Substantial Building Permit requirements for 2440 Eastgate Place (Parcel 5038 155).
- 3. Customer and employee parking within the Eastgate Place right-of-way is prohibited at all times.
- 4. Shrubs and other approved plantings are required to be planted within the sanitary sewer and overhead utility easement along the northeastern property line approximately 125-feet where adjacent to the proposed parking area.

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EXHIBIT "A"

5. In lieu of implementing the required streetscape improvements along the Eastgate Place right-of-way adjacent to parcels 5038 155 and 5038 156, property owner shall dedicate at no cost to the City of Snellville the required rightof-way for future streetscape improvements made by the City of Snellville for the Hugh Drive extension.

- 6. Uses involving adult entertainment, including the sale or display of adult magazines, books, videos and as further defined by the Adult Entertainment Ordinance in effect on the date this condition is imposed, are prohibited.
- 7. Signs higher than 15 feet or larger than 225 square feet are prohibited.
- 8. All work shall be commenced within twelve months of this Ordinance approval.

Section 2. In addition, the following variances are hereby granted:

- 1. Variance from Table 207-1.2.B. (Vehicle Parking Requirements): to reduce the minimum required onsite parking spaces from 57 spaces to 34 spaces. However, future tenants/occupants will be limited to the number of parking spaces.
- 2. Variance from Sec. 206-1.6. (Space Limits) to increase the 10 feet maximum front yard building setback to 63 feet to allow the existing building to remain in its current location.
- 3. Variance from Sec. 207-3.2 (Landscape Strip) to eliminate the 5-feet minimum depth landscape strip along the northeastern property line due to existing overhead utility and sanitary sewer easements. However, There are appropriate tree types that can be planted under overhead utility lines with final determination to made during the site development process and approved by the Planning

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incorporated by reference as if fully set forth herein.

Zoning Map of the City of Snellville, Georgia as approved by the Mayor and Council as soon as reasonably possible following the adoption of this Ordinance. The Official Zoning Map of the City of Snellville, Georgia, shall also be amended with an editorial note specifying the date these Snellville zoning amendments were approved by the Mayor and Council and specifying the parcels affected by this Ordinance. Until the changes are indicated on the Official Zoning Map of the City of Snellville, Georgia, as approved by the Mayor and Council, this Ordinance shall govern over Official Zoning Map of the City of Snellville, Georgia approved by the Mayor and Council to the extent of any discrepancy between this Ordinance and the Official Zoning Map of the City of Snellville, Georgia approved by the

that all sections, paragraphs, sentences, clauses and phrases of this Ordinance are or were, upon their enactment, believed by the Mayor and Council to be fully valid, enforceable and

(b) It is hereby declared to be the intention of the Mayor and Council that, to the greatest extent allowed by law, each and every section, paragraph, sentence, clause or phrase of this Ordinance is severable from every other section, paragraph, sentence, clause or phrase of this Ordinance. It is hereby further declared to be the intention of the Mayor and Council that, to the greatest extent allowed by law, no section, paragraph, sentence, clause or phrase

ORD 2025-16

APPROVED VARIANCES, INCLUDING CASE NUMBER, APPROVAL DATE, AND

Section 3. The preamble of this Ordinance shall be considered to be and is hereby

Section 4. The changes in zoning classification is to be noted on the Official

Section 5. (a) It is hereby declared to be the intention of the Mayor and Council

OWNER / DEVELOPER: GATEWAY DEOCA, LLC 4471 Oglethorpe Loop NW Acworth, GA 30101 225-936-3463 24-Hr CONTACT: Anthony Monte De Oca 225-936-3463 fmdeoca@hotmail.com

DESIGNED BY: RAC | SCALE: AS SHOWN HECKED BY: RAC

SIGNED / SEALED

LEVEL II CERTIFIED DESIGN PROFESSIONAL

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

CERTIFICATION NUMBER: 0000039604

EXPIRES: 05/21/2026

Land

OLUTION SPORTS COMPLE PARKING ADDITION

Solution

Associates,

P.O. Box 187

Tiger, GA 30576

(o) 678.725.4631

(e) landsolutionassociates@gmail.com

CONTACT: ROBERT "BO" CONE

PREPARED BY

24-012

9-Oct-25

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST

Project Name:	Evolution Sports Complex - Parking Add	dition Address:	2430 Eastgate Place
City/County:	City of Snellville (Gwinnett Co)	Date on Plans:	10/9/25
	of person filling out checklist:	Robert "Bo" Cone - landso	olutionassociates@gmail.com
Plan Include	d <u>TO BE SHO</u>	WN ON ES&PC PLAN	
Page # Y/N 2 Y	The applicable Erosion, Sedimentation and Poll disturbing activity was permitted.	lution Control Plan Checklist established by the	e Commission as of January 1 of the year in which the land-
	The completed Checklist must be submitted wit	th the ES&PC Plan or the Plan will not be revie	wed. Permit IV.D.1. pg 27
ALL Y	2 Level II certification number issued by the Com	mission, signature and seal of the certified des	sign professional.
	Signature, seal and Level II number <u>must</u> be or issued to the Design Professional, after compl	· -	Plan will not be reviewed. The Level II certification must be nose signature and seal are on the Plan.
N/A	1 ×	•	zation from the GAEPD District Office. If GAEPD approves proval letter and completed Appendix 1 of this checklist with
	A copy of the written approval by GAEPD must	be attached to the Plan for the Plan to be revi	ewed. Permit IV.D.3. pg 28
1 Y	4 The name and phone number of the 24-hour co	ontact responsible for erosion, sedimentation a	nd pollution controls.
1 Y	5 Provide the name, address, email address, and	I phone number of Primary Permittee.	
1 Y	6 Note total and disturbed acreages of the projec	t or phase under construction.	
1 Y	7 Provide the GPS location of the construction ex	rit for the site. Give the Latitude and Longitude	e in decimal degrees.
1 Y	8 Initial date of the Plan and the dates of any revi	isions made to the Plan including the entity wh	o requested the revisions.
7 Y	9 Descriptions of the nature of construction activities	ty and existing site conditions.	
1 Y	10 Provide vicinity map showing site's relation to s	urrounding areas. Include designation of spec	ific phase, if necessary.
7 Y	11 Identify the project receiving waters and describe which may be affected.	be all sensitive adjacent areas including strean	ns, lakes, residential areas, wetlands, marshlands, etc.
1 Y	Design professional's certification statement an of the permit.	d signature that the site was visited prior to de	velopment of the ES&PC Plan as stated on Part IV page 2
1 Y	Design professional's certification statement an BMPs and sampling to meet permit requiremen		provides for an appropriate and comprehensive system of
1 Y	14 Clearly note the statement that "The design pro storage requirements and perimeter control BM		inspect and certify the installation of the initial sediment
8-10 Y			50-foot undisturbed stream buffers as measured from the n the Jurisdictional Determination Line without first acquiring
8-10 Y	16 Provide a description of any buffer encroachme	ents and indicate whether a buffer variance is r	equired.
8-10 Y	17 Clearly note the statement that "Amendments/n certified by the design professional." *	evisions to the ES&PC Plan which have a sign	ificant effect on BMPs with a hydraulic component must be
8-10 Y	18 Clearly note the statement that "Waste material	ls shall not be discharged to waters of the Stat	e, except as authorized by a Section 404 permit." *
8-10 Y	19 Clearly note statement that "The escape of sed	iment from the site shall be prevented by the in	nstallation of erosion and sediment control measures and

practices prior to land disturbing activities."

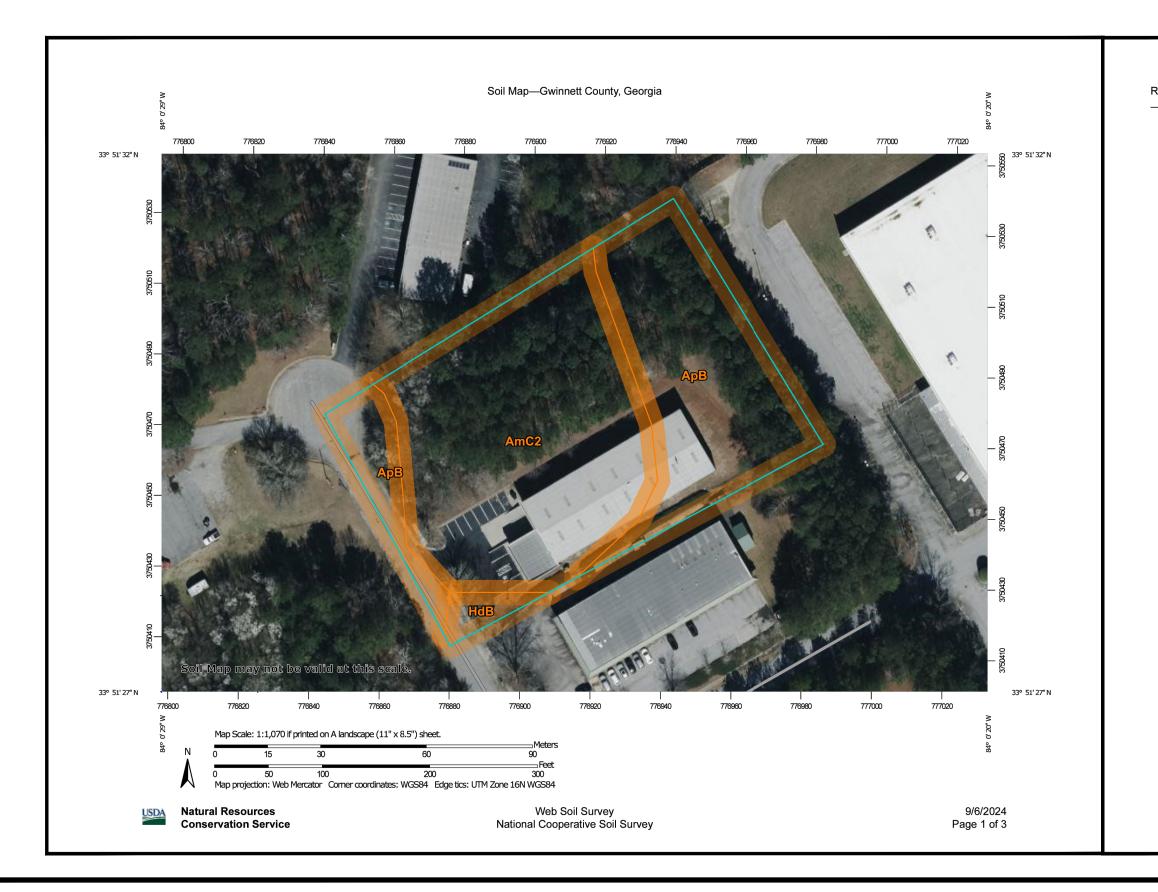
8-10	Υ					mplementation of the approved Plan does not provide for ented to control or treat the sediment source."
8-10	Υ	21	Clearly note the statement "An	y disturbed area left exposed fo	or a period greater than 14 day	s shall be stabilized with mulch or temporary seeding."
7	Υ		watershed as any portion of a	Biota Impaired Stream Segmer	nt, must comply with Part III.C.	nt, or within 1 linear mile upstream of and within the same of the permit. Include the completed Appendix 1 of this h discharge to the Impaired Stream Segment. *
7	Υ					n Segment (identified in Item 22 above) at least six months rements included in the TMDL Implementation Plan. *
7	Υ		BMPs for concrete washdown construction site is prohibited.		, hoppers and the rear of the v	chicles. Include statement that washout of the drum at the
7	Υ	25	Provide BMPs for the remediat	ion of all petroleum spills and le	eaks.	
7	Υ		Description of the measures th operations have been complete	_	onstruction process to control p	ollutants in storm water that will occur after construction
7	Υ	27	Description of practices to prov	vide cover for building materials	and building products on site.	*
7	Υ	28	Description of the practices that	at will be used to reduce the po	llutants in storm water discharg	es. *
1	Υ				-	oils for the major portions of the site (i.e., initial perimeter and s, grading, infrastructure, temporary and final stabilization).
7	Υ	30	Provide complete requirements	of Inspections and record kee	eping by the Primary Permittee.	*
7	Υ	31	Provide complete requirements	s of <u>Sampling Frequency</u> and <u>F</u>	Reporting of sampling results. *	
7	Υ	32	Provide complete details for Re	etention of Records as per Par	t IV.F. of the permit. *	
7	Υ	33	Description of analytical metho	ds to be used to collect and an	alyze the samples from each lo	ocation. *
7	Υ	34	Appendix B rationale for NTU v	alues at all outfall sampling po	ints where applicable. *	
8-10	Υ		Delineate all sampling locations discharged. *	s on all phases of the Plan, ar	nd perennial and intermittent st	reams and other water bodies into which storm water is
7	Υ		and perimeter control BMPs, (2	 intermediate grading and drage requirements and initial periments. 	ninage BMPs, and (3) final BMF neter control BMPs, intermediat	ion site including: (1) initial sediment storage requirements is. For construction sites where there will be no mass grading e grading and drainage BMPs, and final BMPs are the same,
8-10	Υ	37	Graphic scale and North arrow			
8-10	Υ	38	Existing and proposed contour	lines with contour lines drawn	at an interval in accordance wi	th the following:
			Map Scale	Ground Slope	Contour Intervals, ft.	
			1 inch = 100ft or	Flat 0 - 2%	0.5 or 1	
			1 111011 10011 01	Dolling 2 00/	1 0 0 0	

Document found at www.gaswcc.georgia.gov.

N/A

Rolling 2 - 8%

0 Y 0 Y 0 Y 0 Y 0 Y 0 Y 0 Y 0 Y 0 Y 13 Y 13 Y		Effective January 1, 2025
Y Hydro Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	*	If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the * checklist items would be N/A.
Y Hydro Y Y Y Y Y Y Y Y	52	Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.
Y Hydro Y Y Y Y Y Y	5	Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
Y Hydro Y Y Y Y Y Y	50	Location of Best Management Practices that are consistent with, and no less stringent than, the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual Chapter 6, with legend.
Y Hydro Y Y	49	The limits of disturbance for each phase of construction. Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, Permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.
Υ	4	
Y	40	Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate at all storm water discharge points.
Υ	4	An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed. For solar farm projects, post-construction impervious area shall be calculated as 70% of total solar panel square footage.
╡╞═╧┥	ro 4	Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *
]	=	Delineation and acreage of contributing drainage basins on the project site.
لــنــا ل	4:	Delineation of all State Waters and wetlands located on or within 200 feet of the project site.
	4	Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State Waters and any additional buffers as required by the Local Issuing Authority. Clearly note and delineate all areas of impact.



RUSLE2 Related Attributes---Gwinnett County, Georgia **RUSLE2 Related Attributes**

1 or 2

2, 5 or 10

39 Use of Alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Refer to the Alternative BMP Guidance

N/A
Use of Alternative BMP for application to the Equivalent BMP List. Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *

This report summarizes those soil attributes used by the Revised Universal Soil Loss Equation Version 2 (RUSLE2) for the map units in the selected area. The report includes the map unit symbol, the component name, and the percent of the component in the map unit. Soil property data for each map unit component include the hydrologic soil group, erosion factor Kf for the surface horizon, erosion factor T, and the representative percentage of sand, silt, and clay in the mineral surface horizon. Missing surface data may indicate the presence of an organic layer.

Report—RUSLE2 Related Attributes

Soil properties and interpretations for erosion runoff calculations. The surface mineral horizon properties are displayed or the first mineral horizon below an organic surface horizon. Organic horizons are not displayed.

	RUSLE	2 Related	Attributes-Gwinnet	t County, (Georgia			
Map symbol and soil name	Pct. of	Slope	Hydrologic group	Kf	T factor	Repre	sentative	value
	map unit	length (ft)				% Sand	% Silt	% Clay
AmC2—Appling sandy loam, 6 to 10 percent slopes, moderately eroded								
Appling, moderately eroded	100	98	В	.17	5	67.9	19.6	12.5
ApB—Appling-Hard Labor complex, 2 to 6 percent slopes								
Appling	60	121	В	.17	5	67.9	19.6	12.5
Hard Labor	25	121	С	.20	5	67.9	19.6	12.5
HdB—Hard Labor sandy loam, 2 to 6 percent slopes								
Hard Labor	100	121	С	.20	5	67.9	19.6	12.5

Data Source Information

Soil Survey Area: Gwinnett County, Georgia Survey Area Data: Version 14, Aug 30, 2023

CERTIFICATION NUMBER: 0000039604 EXPIRES: 05/21/2026 Associates, P.O. Box 187 Tiger, GA 30576 (o) 678.725.4631 (e) landsolutionassociates@gmail.com CONTACT: ROBERT "BO" CONE OWNER / DEVELOPER: GATEWAY DEOCA, LLC 4471 Oglethorpe Loop NW Acworth, GA 30101 225-936-3463 24-Hr CONTACT: Anthony Monte De Oca 225-936-3463 fmdeoca@hotmail.com EVOLUTION SPORTS COMPLEX
PARKING ADDITION

LAND LOT 38 - 5th DISTRICT
PARCEL ID: R5038 155

CITY OF SNELLVILLE (GWINNETT CO.), GEORGIA SIGNED / SEALED DESIGNED BY: RAC | SCALE: AS SHOWN DRAWN BY: JAM CHECKED BY: RAC 9-Oct-25 24-012

LEVEL II CERTIFIED DESIGN PROFESSIONAL

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

GENERAL NOTES:

- THE ENGINEER SHALL BE UNDERSTOOD TO **LAND SOLUTION ASSOCIATES, LLC**, WHO IS THE AUTHORIZED REPRESENTATIVE OF THE OWNER.
- ANY DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT THE PRIOR CONSENT OF THE ENGINEER MAY BE CAUSE FOR THE WORK TO BE UNACCEPTABLE TO THE ENGINEER.
- PROJECT INFORMATION: 2440 EASTGATE PLACE ADDRESS: PARCEL ID: R5038 155 TOTAL ACREAGE: 1.72 ACRES DISTURBED AREA: 1.2 ACRES ZONING:
- 4. THE EXISTING SITE WAS PREVIOUSLY PAD GRADED. THE PROPOSED DEVELOPMENT WILL ADD ADDITIONAL PARKING SPACES FOR THE EXISTING BUILDING LOCATED TO THE SOUTH AT 2440 EASTGATE PLACE.
- 5. BOUNDARY & TOPOGRAPHIC SURVEY PREPARED BY CARTER & HARKLEROAD GROUP, DATED 8/26/24. DATUM: NAVD 88
- 6. THIS PROPERTY DOES NOT LIE IN A 100-YR FLOOD ZONE AS SHOWN ON FIRM COMMUNITY PANEL No. 13135 C 0129 F, DATED SEPT. 29, 2006.
- 7. ALL CURB DIMENSIONS ARE TO BACK OF CURB UNLESS NOTED.
- 8. HANDICAP PARKING SPACES SHALL BE DESIGNATED AS RESERVED FOR DISABLED BY A SIGN SHOWING THE SYMBOL OF ACCESSIBILITY. SUCH SIGNS SHALL NOT BE OBSCURED BY VEHICLES PARKING IN THE SPACES.
- 9. ALL WORK SHALL COMPLY WITH APPLICABLE STATE, FEDERAL AND LOCAL CODES. THE CONTRACTOR, AT HIS EXPENSE, SHALL OBTAIN LOCAL CODES AND ALL NECESSARY LICENSES AND PERMITS.
- 10. ALL CONSTRUCTION TO COMPLY WITH <u>CITY OF SNELLVILLE</u> STANDARDS.
- 11. ALL ROAD CONSTRUCTION MATERIALS AND PROCEDURES SHALL CONFORM TO <u>CITY OF SNELLVILLE OR GEORGIA</u> DEPARTMENT OF TRANSPORTATION WHERE APPLICABLE.
- 12. EACH BUILDING AND ITS RELATIVE LOCATION TO PROPERTY LINES AND OTHER STRUCTURES SHALL COMPLY WITH THE 2012 INTERNATIONAL BUILDING CODE (IBC) WITH GEORGIA STATE AMENDMENTS WITH REGARDS TO THE HEIGHT AND AREA REQUIREMENTS OF IBC TABLE 503 AND THE FIRE RESISTANCE AND HORIZONTAL SEPARATION REQUIREMENTS OF IBC TABLES 601 AND 602.
- 13. HIGH INTENSITY LIGHTING FACILITIES SHALL BE SO ARRANGED THAT THE SOURCE OF ANY LIGHT IS CONCEALED FROM PUBLIC VIEW AND FROM RESIDENTIAL PROPERTY AND DOES NOT INTERFERE WITH TRAFFIC.
- 14. EACH BUSINESS SHALL POST AND MAINTAIN THE ADDRESS OF THE BUILDING IN A CONSPICUOUS PLACE VISIBLE FROM THE STREET NOT MORE THAN 15 FEET OFF THE CURB OR EDGE OF THE STREET. THE ADDRESS SHALL CONSIST OF FIGURES AT LEAST 4 INCHES HIGH ON CONTRASTING BACKGROUND FOR 24 HOURS VISIBILITY.

ADDITIONAL SITE NOTES:

- 1. NOTIFY <u>CITY OF SNELLVILLE</u> INSPECTIONS 24 HOURS BEFORE BEGINNING OF EVERY PHASE OF CONSTRUCTION.
- 2. NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL SITE IMPROVEMENTS HAVE BEEN COMPLETED.
- 3. NO DRIVE-UP WINDOWS ARE TO BE INSTALLED. (NONE BEING PROPOSED)
- 4. HIGH INTENSITY LIGHTING FACILITIES SHALL BE SO ARRANGED THAT THE SOURCE OF ANY LIGHT IS CONCEALED FROM PUBLIC VIEW AND FROM ADJACENT RESIDENTIAL PROPERTY AND DOES NOT INTERFERE WITH TRAFFIC.
- 5. ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
- 6. SIGNS, LOCATION, NUMBER, AND SIZE ARE NOT APPROVED UNDER THIS BUILDING PERMIT. A SEPARATE PERMIT IS REQUIRED FOR EACH SIGN.
- 7. ALL CONSTRUCTION TO COMPLY WITH CITY OF SNELLVILLE OR GEORGIA DEPARTMENT OF TRANSPORTION
- STANDARDS WHERE APPLICABLE.
- 8. NO ADDITIONAL BILLBOARDS ARE BEING PERMITTED.
- 9. NATURAL VEGETATION SHALL REMAIN ON THE PROPERTY UNTIL ISSUANCE OF A DEVELOPMENT PERMIT. NO INTERIM LAND DISTURBANCE PERMITS SHALL BE ISSUED.
- 10. IF NO CURB AND GUTTER EXISTS ON EXISTING ROADWAY, THE SIDEWALKS MUST BE FURTHER SETBACK FROM THE EDGE OF PAVEMENT. LOCATION TO BE APPROVED BY DEPARTMENT OF TRANSPORTATION.

UTILITY NOTES:

- . CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO EXCAVATION OR DEMOLITION. ADDITIONAL UTILITIES MAY NOT BE SHOWN ON THESE PLANS.
- 2. IF THE CONTRACTOR DAMAGES ANY EXISTING UTILITIES DURING CONSTRUCTION, HE SHALL, AT HIS OWN EXPENSE, REPLACE OR REPAIR THE UTILITIES TO THEIR ORIGINAL CONDITION AND QUALITY, AS APPROVED BY THE ENGINEER AND REPRESENTATIVE OF THE APPROPRIATE UTILITY COMPANY.
- . THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS BETWEEN 7:00AM AND 7:00PM MONDAY THRU FRIDAY.
- 4. UNLESS OTHERWISE NOTED, UTILITY OWNERS ARE TO RESET, RELAY, OR READJUST ALL PUBLIC AND PRIVATE UTILITIES CONFLICTING WITH PROPOSED IMPROVEMENT. THE CONTRACTOR WILL BE REQUIRED TO COOPERATE WITH THE OWNERS OF LOCAL UTILITIES IN THE ADJUSTMENT OF THEIR FACILITIES WHERE THEY INTERFERE WITH CONSTRUCTION. THE COSTS FOR THIS WORK WILL BE AT THE CONTRACTOR'S EXPENSE.
- 5. ALL MATERIALS AND INSTALLATION SHALL BE IN COMPLIANCE WITH LOCAL REQUIREMENTS.
- 6. CONTRACTOR TO INSTALL BACKFLOW PREVENTER AT ALL WATER METER LOCATIONS.
- 7. MINIMUM COVER FOR ALL WATER LINES SHALL BE 48 INCHES.
- 8. SEE ARCHITECTURAL PLANS FOR LOCATION OF WATER, SEWER AND GAS LINES WITHIN PROPOSED BUILDING.
- 9. A MINIMUM HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN WATER LINES AND SANITARY SEWERS. AN 18 INCH MINIMUM VERTICAL SEPARATION SHALL BE MAINTAINED AT CROSSINGS. WHEN CROSSING A WATERLINE OR SEWER LINE, PIPE JOINTS SHALL BE PLACED AS FAR AWAY AS POSSIBLE FROM THE OTHER PIPE.
- 10. THE SITE PLAN INDICATES POTABLE WATER SERVICE LINES, AND SANITARY SEWER LATERALS. GEORGIA STATE LAW REQUIRES THIS WORK TO BE INSTALLED BY A GEORGIA LICENSED MASTER PLUMBER. THIS WORK REQUIRES A SEPARATE SITE-PLUMBING PERMIT WHICH IS AVAILABLE FROM THE BUILDING PERMITS.

FIRE DEPT. NOTES:

- 1. VAN ACCESS AISLE SHALL BE A MINIMUM OF 8 FEET WIDE. A COMMON ACCESS AISLE MAY BE SHARED BY 2 VEHICLES. THE ACCESS AISLE SHALL BE TO THE RIGHT OF THE VAN PARKING SPACE. SURFACE SLOPES SHALL NOT EXCEED 1:50 (2%) 120-3-20-17(3).
- 2. AN ADDRESS TO INCLUDE A NUMERICAL AND STREET NAME DESIGNATION IS TO BE PROVIDED: 2440 EASTGATE PLACE.
- 3. CURB RAMPS SHALL BE PROVIDED PER THE REQUIREMENTS OF RULE 120-3-20-18 GEORGIA ACCESSIBILITY CODE.
- 4. SURFACES OF CURB RAMPS SHALL COMPLY WITH RULE 120-3-20-16 GEORGIA ACCESSIBILITY CODE.
- 5. GROUND AND FLOOR SURFACES ALONG ACCESSIBLE ROUTES AND WALKS, RAMPS, STAIRS, AND CURB RAMPS SHALL BE STABLE, FIRM, SLIP RESISTANT, AND COMPLY WITH RULE 120-3-20-19 GEORGIA ACCESSIBILITY CODE.
- 6. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY WITHIN THE MARKINGS, EXCLUDING FLARED SIDES. SIGNAGE SHALL BE LOCATED SO IT CAN NOT BE OBSTRUCTED BY A VEHICLE, RULE 120-3-20-18(9) GEORGIA ACCESSIBILITY CODE.
- 7. CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES, RULE 120-3-20-18(8) GEORGIA ACCESSIBILITY CODE.
- 8. OBJECTS PROJECTING FROM WALL (FOR EXAMPLE, TELEPHONES) WITH THEIR LEADING EDGES BETWEEN 27 INCHES AND 80 INCHES ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4 INCHES TO WALKS, HALLS, CORRIDORS, PASSAGEWAYS, OR AISLES. FREE STANDING OBJECTS MOUNTED ON POSTS OR PYLONS MAY OVERHAND 12 INCHES MAXIMUM FROM 27 INCHES TO 80 INCHES ABOVE THE GROUND OR FINISHED FLOOR. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE OR MANEUVERING SPACE, RULE 120-3-20-15, GEORGIA ACCESSIBILITY CODE.
- 9. SIDES OF CURB RAMPS SHALL BE PROVIDED PER THE REQUIREMENT OF RULE 120-3-20-18(15), GEORGIA ACCESSIBILITY CODE.
- 10. SIGNAGE SHALL BE PROVIDED PER THE ATTACHED DETAIL. "VAN ACCESSIBLE" SHALL BE REQUIRED IMMEDIATELY BELOW THE STANDARD SIGN FOR VAN ACCESSIBLE SPACES. SIGNS FOR AUTOMOBILE ACCESSIBLE SPACES SHALL BE MINIMUM OF 60 INCHES TO THE BOTTOM OF THE SIGN ABOVE FINISHED GRADE. SIGNAGE FOR VAN ACCESSIBLE SPACES SHALL BE A MINIMUM OF 84 INCHES FROM THE BOTTOM OF THE SIGN FROM FINISHED GRADE, RULE 120-3-20-17(4), GEORGIA ACCESSIBILITY CODE.
- 11. ALL ACCESSIBLE ROUTES WITH RUNNING SLOPES GREATER THAN 1:20 IS A RAMP AND SHALL COMPLY WITH RULE 120-3-20-19. CROSS SLOPE SHALL NOT EXCEED 1:50, RULE 120-3-20-14(7), GEORGIA ACCESSIBILITY CODE.
- 12. ALL CURB RAMPS SHALL HAVE A DETECTABLE WARNING COMPLYING WITH RULE 120-3-20-40. THE DETECTABLE WARNING SHALL EXTEND THE FULL WIDTH AND DEPTH OF THE CURB RAMP INCLUDING FLARES, RULE 120-3-20-18(7), GEORGIA ACCESSIBILITY CODE.
- 13. THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL BE 36 INCHES EXCEPT AT DOORS. IF A PERSON IN A WHEELCHAIR MUST MAKE A TURN AROUND DUE TO AN OBSTRUCTION, THE MINIMUM CLEAR WIDTH OF THE ACCESSIBLE ROUTE SHALL COMPLY WITH RULE 120-3-20-14(3), FIG. (7) A AND B, GEORGIA ACCESSIBILITY
- 14. WATER MAIN LOCATION AND SIZES ARE TO BE SHOWN ON PLAN.
- 15. ENTRANCES TO THE BUILDING IN NEW CONSTRUCTION SHALL BE PROVIDED PER THE REQUIREMENTS OF RULE 120-3-20-.08, (8) (A THRU D). ACCESSIBLE ENTRANCES MUST BE PROVIDED IN A NUMBER AT LEAST EQUIVALENT TO THE NUMBER OF EXITS REQUIRED BY THE APPLICABLE BUILDING/FIRE CODES. (THIS PARAGRAPH DOES NOT REQUIRE AN INCREASE IN THE TOTAL NUMBER OF ENTRANCES PLANNED FOR A FACILITY). GEORGIA ACCESSIBILITY CODE.
- 16. MARKING AND SIGNAGE OF FIRE LANES SHALL BE PROVIDED PER THE REQUIREMENTS OF INTERNATIONAL FIRE CODE 2000 EDITION SECTION 503.3 AND GWINNETT COUNTY FIRE MARSHAL'S GENERAL ORDER ISSUED NOVEMBER 1, 1996 (SEE ATTACHED DETAILS).
- 17. DURING CONSTRUCTION AND FOR PERMANENT ACCESS, ROADWAYS CONSTRUCTED OF AN ALL WEATHER SURFACE CAPABLE OF SUPPORTING 75,000 POUNDS GROSS WEIGHT SHALL BE PROVIDED PER INTERNATIONAL FIRE CODE, 2000 EDITION SECTION 503.3.
- 18. CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES. RULE 120-3-20-.18(8). GEORGIA ACCESSIBILITY CODE
- 19. FIRE LANES SHALL BE AT LEAST 20 FT IN WIDTH WITH THE ROAD EDGE CLOSEST TO THE STRUCTURE A MINIMUM OF 10 FT FROM THE STRUCTURE.
- 20. DURING CONSTRUCTION AND FOR PERMANENT ACCESS, ROADWAYS WIDTH SHALL BE 20 FT MINIMUM PER INTERNATIONAL FIRE CODE, 2000 EDITION SECTION

GRADING / DRAINAGE NOTES:

- 1. THESE DOCUMENTS REPRESENT THE PROPOSED DEVELOPMENT REQUESTED BY THE INDICATED PROPERTY OWNER. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE IDENTIFICATION, LOCATION AND/OR THE CLASSIFICATION OF ANY WATERS OF THE UNITED STATES AND/OR STATE WATERS LOCATED ON THIS SITE. IT IS THE RESPONSIBILITY OF THIS PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY(S) FOR APPROVAL OF ANY WORK ASSOCIATED WITH WATERS OF THE UNITED STATES AND/OR STATE WATERS.
- 2. CONTOUR INTERVAL IS **2 FOOT**.
- 3. ALL BUFFERS ARE TO BE CLEARLY IDENTIFIED WITH FLAGGING AND / OR FENCING PRIOR TO THE COMMENCEMENT of any land disturbance. NO STATE STREAM BUFFERS
- 4. ALL EARTHWORK OPERATIONS SHALL COMPLY WITH REQUIREMENTS OF OSHA CONSTRUCTION STANDARDS. PART 1926. SUBPART P. EXCAVATIONS. TRENCHING AND SHORING. SUBPART O. MOTOR VEHICLES. MECHANIZED EQUIPMENT, AND MARINE OPERATIONS, AND BE CONDUCTED IN A MANNER ACCEPTABLE TO ENGINEER.
- 5. FILL MATERIALS SHALL CONSIST OF CLEAN SOIL, FREE OF ORGANIC OR DELETERIOUS MATERIALS. ROCKS. OR BROKEN PIECES OF CONCRETE LARGER THAN THREE INCHES IN SIZE, OR ANY OTHER FOREIGN OBJECTS THAT COULD IMPEDE THE COMPACTION RESULTS.
- 6. FILL MATERIALS SHALL BE SPREAD EVENLY IN HORIZONTAL LAYERS IN NOT MORE THAN 8 INCHES IN LOOSE LIFTS OVER THE FULL WIDTH OF FILL AND COMPACTED TO AT LEAST 95% MAXIMUM DRY DENSITY BY STANDARD PROCTOR COMPACTION TEST ASTM D698 UNLESS OTHERWISE NOTED.
- 7. MAXIMUM CUT OR FILL SLOPES IS 2H:1V; EXCEPT EARTHEN DAM EMBANKMENTS, ROCK CUTS, WHERE CERTIFIED BY A PROFESSIONAL GEOTECHNICAL ENGINEER OR AS DISCUSSED IN 8.1.6 SHALL BE 3H:1V (DR 8.1.5).
- 8. GRADE HANDICAP RAMP 12:1 SLOPE TO TOP OF CURB.
- 9. GRADE TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS INTO INLETS.
- 10. SEE GEOTECHNICAL ENGINEER FOR RECOMMENDATIONS CONCERNING PROPER PLACEMENT AND COMPACTION OF STRUCTURAL FILL.
- 11. THE TOPS OF ALL MANHOLES AND UTILITY STRUCTURES LOCATED IN PAVED AREAS TO BE ADJUSTED TO FINISHED GRADE.
- 12. ALL FILL MATERIAL SHALL BE FREE OF ROOTS, ORGANIC MATERIAL AND TRASH AND CONSIST ONLY OF ACCEPTABLE MATERIAL. ALL EMBANKMENTS SHALL BE PLACED IN ACCORDANCE WITH THE LINES AND GRADES INDICATED IN THE PLANS. ALL FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM LABORATORY DRY DENSITY IN ACCORDANCE WITH THE STANDARD PROCTOR COMPACTION TEST (ASTM D-698). UNLESS OTHERWISE NOTED.
- 13. STREAM BUFFER EASEMENTS ARE TO REMAIN IN A NATURAL AND UNDISTURBED CONDITION. NO BUFFERS
- 14. STRUCTURES ARE NOT ALLOWED IN DRAINAGE EASEMENTS.

STORMWATER NOTES:

- THERE IS NO FLOODPLAIN ON THIS PROPERTY FROM A WATER COURSE WITH A DRAINAGE AREA EXCEEDING 100 ACRES OR FLOODPLAIN PER FIRM PANEL 13135 C 0129 F, DATED SEPT. 29, 2006.
- 2. THERE ARE NO WETLANDS BEING DISTURBED ON THIS SITE.
- 3. STORMWATER MANAGEMENT TO BE PROVIDED ON-SITE.
- 4. THERE ARE NO STREAM BUFFERS ON THIS PROPERTY.
- 5. WETLAND CERTIFICATION: THE DESIGN PROFESSIONAL, WHOSE SEAL APPEARS HEREON, CERTIFIES THE FOLLOWING: 1) THE NATIONAL WETLAND INVENTORY MAPS HAVE BEEN CONSULTED; AND, 2) THE APPROPRIATE PLAN SHEET [DOES / [X] DOES NOT (CIRCLE APPROPRIATE BOX) INDICATE AREAS OF UNITED STATES ARMY CORPS OF ENGINEERS JURISDICTIONAL WETLANDS AS SHOWN ON THE MAPS; AND, 3) IF WETLANDS ARE INDICATED, THE LAND OWNER OR DEVELOPER HAS BEEN ADVISED THAT LAND DISTURBANCE OF PROTECTED WETLANDS SHALL NOT OCCUR UNLESS THE APPROPRIATE FEDERAL WETLANDS ALTERATION ("SECTION 404") PERMIT HAS BEEN OBTAINED.
- . COMMERCIAL <u>CITY OF SNELLVILLE</u> ASSUMES NO RESPONSIBILITY FOR OVERFLOW OR EROSION OF NATURAL OR ARTIFICIAL DRAINS BEYOND THE EXTENT OF THE STREET RIGHT-OF-WAY, OR FOR THE EXTENSION OF CULVERTS BEYOND THE POINT SHOWN ON THE APPROVED AND RECORDED PLAN. <u>CITY OF SNELLVILLE</u> DOES NOT ASSUME THE RESPONSIBILITY FOR THE MAINTENANCE OF PIPES IN DRAINAGE EASEMENTS BEYOND THE COUNTY RIGHT-OF-WAY.
- 7. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNERS OF THE STORMWATER MANAGEMENT FACILITY TO KEEP THE ACCESS DRIVE FREE OF OBSTRUCTIONS AND TO MAINTAIN THE FACILITY FREE OF OBSTRUCTIONS, SILT AND DEBRIS, AND OPERATIONAL PURSUANT TO COUNTY REQUIREMENTS.
- 8. SOURCE OF TOPOGRAPHY IS SURVEY BY CARTER & HARKLEROAD GROUP, DATED 8/26/24. DATUM: NAVD 88
- 9. MAXIMUM SLOPE FOR CUT OR FILL IS 2H:1V EXCEPT EARTHEN DAM EMBANKMENTS SHALL BE 3H:1V.
- 10. DETENTION POND, DETENTION OUTLET STRUCTURES AND TEMPORARY SEDIMENT POND FEATURES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.
- 11. DEVELOPER IS TO CLEAN OUT ACCUMULATED SILT IN DETENTION POND AT END OF CONSTRUCTION WHEN DISTURBED AREAS HAVE BEEN STABILIZED.
- 12. PROVIDE DETENTION POND POST-CONSTRUCTION (RECORD) DRAWINGS WITH THE SUBMITTAL OF THE FINAL PLAT AT LEAST TWO WEEKS PRIOR TO REQUESTING A CERTIFICATE OF OCCUPANCY SO THAT THE POST-CONSTRUCTION CONDITIONS MAY BE VERIFIED AND APPROVED. CERTIFIED RECORD DRAWINGS SHALL INCLUDE TOPOGRAPHY OF POND AND OUTLET STRUCTURE DETAIL USING POST-CONSTRUCTION SURVEY DATA. USING RECORD DRAWINGS, PROVIDE A CERTIFIED HYDROLOGY REPORT VERIFYING POND VOLUMES AND PEAK OUTFLOWS FROM REGULATED STORM EVENTS.
- 13. ACCESS EASEMENT TO BE CLEARED AND GRUBBED.
- 14. HDPE PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-294 AND AASHTO MP7, TYPE S & D. CONNECTIONS SHALL USE A RUBBER GASKET, WHICH CONFORMS TO ASTM F-477. INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM RECOMMENDED PRACTICE D-2321, AASHTO SECTION 30, OR WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS AND BRIDGES.
- 15. ALL RCP PIPE JOINTS SHALL BE BELL & SPIGOT TYPES WITH A RUBBER GASKET CONFORMING TO ASTM C-443. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH AASHTO M-170 AND/OR ASTM C-76. CLASS OF PIPE AND WALL THICKNESS SHALL BE IN ACCORDANCE WITH 1030-D, GEORGIA DOT SPECIFICATION, TABLE NO. 1. INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS AND BRIDGES.
- 16. THE RECEIVING WATER(S) IS: BIG HAYNES TRIBUTARY A

DRAINAGE NOTES:

- 1. ALL CORRUGATED METAL PIPE (CMP) TO BE ALUMINIZED STEEL TYPE 2.
- 2. ALL CMP UNDER 36" TO BE 14 GAUGE W/ 1 2/3" x 1/2" CORRUGATIONS.
- 3. ALL CMP 36" AND LARGER TO BE 14 GAUGE W/3" x 1" CORRUGATIONS.
- 4. ALL REINFORCED CONCRETE PIPE (RCP) SHALL MEET GA. D.O.T. STANDARDS.
- 6. ALL ALUMINUM TYPE 2 STEEL PIPE OR ALUMINUM ALLOY PIPE, WHICH CARRY A LIVE STREAM, SHALL HAVE PAVED INVERTS IN ACCORDANCE WITH AASHTO M-190, TYPE C, EXCEPT THAT THE PIPE NEED NOT BE FULLY COATED. INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS AND
- 7. GALVANIZED CORRUGATED STEEL PIPE MAY NOT BE USED IN DRAINAGE EASEMENTS OR COUNTY RIGHTS-OF-WAY.

5. ALL STORM PIPE LENGTHS ARE MEASURED FROM CENTER OF INLET STRUCTURE TO CENTER OF OUTLET STRUCTURE.

- 8. ALL RCP PIPE JOINTS SHALL BE BELL & SPIGOT TYPES WITH A RUBBER GASKET CONFORMING TO ASTM C-443. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH AASHTO M-170 AND/OR ASTM C-76. CLASS OF PIP AND WALL THICKNESS SHALL BE IN ACCORDANCE WITH 1030-D. GEORGIA DOT SPECIFICATION, TABLE No. 1. INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS AND BRIDGES.
- 9. HDPE PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-294 AND AASHTO MP7, TYPE S & D. CONNECTIONS SHALL USE A RUBBER GASKET, WHICH CONFORMS TO ASTM F-477. INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM RECOMMENDED PRACTICE D-2321, AASHTO SECTION 30, OR WITH SECTION 550 OF THE GEORGIA DOT STANDARD SPECIFICATIONS, CONSTRUCTION OF ROADS AND BRIDGES.

E.C. PROJECT NARRATIVE:

EVOLUTION SPORTS COMPLEX ADDRESS: 2440 EASTGATE PLACE PARCEL ID: R5038 155 CITY OF SNELLVILLE, GEORGIA

THE EXISTING SITE HAS BEEN PREVIOUS PAD GRADED. THE TOTAL AREA OF THE SITE IS 1.72 ACRES WITH APPROXIMATELY 1.2 ACRES OF DISTURBANCE ON-SITE.

THE ZONING OF THE SUBJECT IS BG. THE ADJACENT PROPERTIES ARE ALSO ZONED BG.

THE EXISTING SITE TOPOGRAPHY VARIES WITH A GRADIENT OF 2-5 PERCENT THROUGHOUT THE PROPERTY. THERE ARE NO STATE WATERS ON-SITE. THERE ARE NO WETLANDS ON-SITE.

WE HAVE DESIGNED VARIOUS EROSION CONTROL MEASURES AT EACH OF THE LOCATIONS WHERE STORMWATER RUN-OFF HAS BEEN DIRECTED OR NATURALLY LEAVES THE PROPERTY. SILT FENCE BARRIERS ARE TO BE INSTALLED AT THE TOE OF ALL FILL SLOPES ON THE DOWNSTREAM SIDE AROUND THE PERIMETER OF THE PLANNED LAND DISTURBANCE. DISTURBED AREAS OF THE SITE ARE TO BE STABILIZED AND GRASSED AS SOON AS CONSTRUCTION

THE SITE WORK CONSTRUCTION IS TO BE COMPLETED IN STRICT ACCORDANCE WITH THE "MANUAL FOR EROSION AND SEDIMENTATION CONTROL IN GEORGIA". PERMANENT STABILIZATION WILL BE ACCOMPLISHED BY PLANTING COMMON BERMUDA. PERMANENT STABILIZATION IS TO BE ACHIEVED IN ACCORDANCE WITH CHAPTER 6, SECTION III "VEGETATIVE PRACTICES" OF THE MANUAL FOR EROSION AND SEDIMENTATION CONTROL IN GEORGIA. EROSION CONTROL DEVICES WILL BE ROUTINELY INSPECTED AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.

ALL EROSION CONTROL DEVICES SHALL BE CLEANED OUT BEFORE ACHIEVING A LEVEL OF 1/3 FULL.

EROSION CONTROL NOTES:

- 1. SILT BARRIERS TO BE PLACED AS SHOWN AND/OR AS DIRECTED BY THE <u>CITY OF SNELLVILLE</u> INSPECTOR.
- 2. ALL SILT BARRIERS MUST BE IN PLACE AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER INSTALLATION IS COMPLETED.
- 3. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND THE WORK AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND EROSION.
- 4. EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
- 5. ALL DISTURBED AREAS TO BE GRASSED AS SOON AS CONSTRUCTION PHASES PERMIT.
- 6. ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (LATEST EDITION, 2016).
- 7. THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES.
- 8. SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME.
- 9. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.
- 10. DEVELOPER TO CLEAN OUT ACCUMULATED SILT IN DETENTION POND AT END OF CONSTRUCTION WHEN DISTURBED AREAS HAVE BEEN STABILIZED.
- 13. PROVIDE DETENTION POND POST-CONSTRUCTION (RECORD) DRAWINGS WITH THE SUBMITTAL OF THE FINAL PLAT AT LEAST TWO WEEKS PRIOR TO REQUESTING A CERTIFICATE OF OCCUPANCY SO THAT THE POST-CONSTRUCTION CONDITIONS MAY BE VERIFIED AND APPROVED. CERTIFIED RECORD DRAWINGS SHALL INCLUDE TOPOGRAPHY OF POND AND OUTLET STRUCTURE DETAIL USING POST-CONSTRUCTION SURVEY DATA. USING RECORD DRAWINGS PROVIDE A CERTIFIED HYDROLOGY REPORT VERIFYING POND VOLUMES AND PEAK OUTFLOWS FROM REGULATED
- 14. THE SOIL EROSION AND SEDIMENT CONTROL ORDINANCE REQUIRES THAT A 25 FOOT BUFFER ADJACENT TO ALL STATE WATERS BE MAINTAINED (ARTICLE 4, SECTION 4.3, PARAGRAPH 15). EXCEPTION IS GRANTED TO HOMEOWNERS WHO PERFORM MINOR LAND DISTURBING ACTIVITIES SUCH AS HOME LANDSCAPING, HOME GARDENS, REPAIRS AND MAINTENANCE WORK (ARTICLE 3, SECTION 3.1, PARAGRAPH 3).
- 15. WETLAND CERTIFICATION: THE DESIGN PROFESSIONAL, WHOSE SEAL APPEARS HEREON, CERTIFIES THE FOLLOWING: 1) THE NATIONAL WETLAND INVENTORY MAPS HAVE BEEN CONSULTED, 2) THE APPROPRIATE PLAN SHEET [] DOES / [X] DOES NOT (CIRCLE APPROPRIATE BOX) INDICATE AREAS OF UNITED STATES ARMY CORPS OF ENGINEERS JURISDICTIONAL WETLANDS AS SHOWN ON THE MAPS, AND 3) IF WETLANDS ARE INDICATED, THE LAND OWNER OR DEVELOPER HAS BEEN ADVISED THAT LAND DISTURBANCE OF PROTECTED WETLANDS SHALL NOT

OCCUR UNLESS THE APPROPRIATE FEDERAL WETLANDS ALTERATION ("SECTION 404") PERMIT HAS BEEN OBTAINED.

RESPONSIBILITY FOR THE MAINTENANCE OF PIPES IN DRAINAGE EASEMENTS BEYOND THE COUNTY RIGHT-OF-WAY.

- **16. CITY OF SNELLVILLE** ASSUMES NO RESPONSIBILITY FOR OVER-FLOW OR EROSION OF NATURAL OR ARTIFICIAL DRAINS BEYOND THE EXTENT OF THE STREET RIGHT-OF-WAY, OR FOR THE EXTENSION OF CULVERTS BEYOND THE POINT SHOWN ON THE APPROVED AND RECORDED PLAN. <u>CITY OF SNELLVILLE</u> DOES NOT ASSUME THE
- 17. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY THE CITY OF SNELLVILLE ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO

CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY WETLAND AREA DISTURBANCE.

- 18. PROTECTIVE TREE FENCING, STAKING OR CONTINUOUS RIBBON SHALL BE INSTALLED BETWEEN TREE PROTECTION AREAS AND AREAS PROPOSED TO BE GRADED OR OTHERWISE DISTURBED ON THE SITE, PRIOR TO ANY LAND DISTURBANCE. LAND DISTURBANCE TO BE LIMITED TO THOSE AREAS NEEDED FOR STREETS, PARKING, DRAINAGE, AND UTILITIES.
- 19. THE EXTENT AND LOCATION OF EROSION CONTROL MEASURES SHOWN (SHEET) ARE THE ESTIMATED REQUIRED. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO ACTUAL FIELD CONDITIONS, AND WILL BE INSTALLED AT THE OWNER/DEVELOPERS EXPENSE WHEN DIRECTED BY THE PROPER GOVERNING AUTHORITY.

LEVEL II CERTIFIED DESIGN PROFESSIONAL



GEORGIA SOIL AND WATER CONSERVATION COMMISSION

CERTIFICATION NUMBER: 0000039604 EXPIRES: 05/21/2026 PREPARED BY

Land Solution Associates, I

P.O. Box 187 Tiger, GA 30576 (o) 678.725.4631 (e) landsolutionassociates@gmail.com

> OWNER / DEVELOPER: GATEWAY DEOCA, LLC 4471 Oglethorpe Loop NW Acworth, GA 30101 225-936-3463 24-Hr CONTACT: Anthony Monte De Oca

> > 225-936-3463

fmdeoca@hotmail.com

CONTACT: ROBERT "BO" CONE

OMPL $\frac{9}{2}$ Ϋ́D̈́ K Q $\overline{\mathsf{O}}$ TION SE 0 Ш

SIGNED / SEALED

ESIGNED BY: RAC SCALE: AS SHOWN

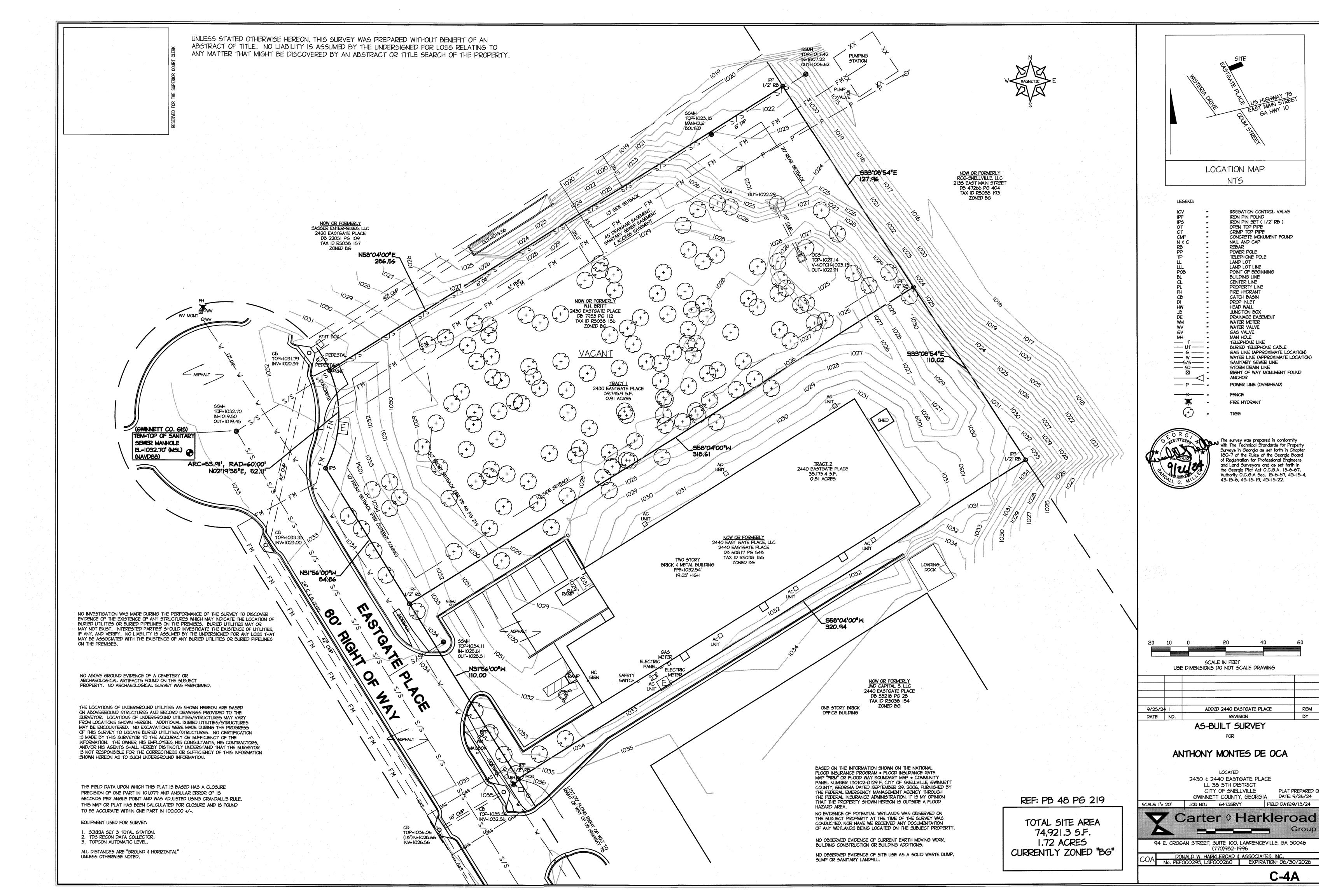
SHEET

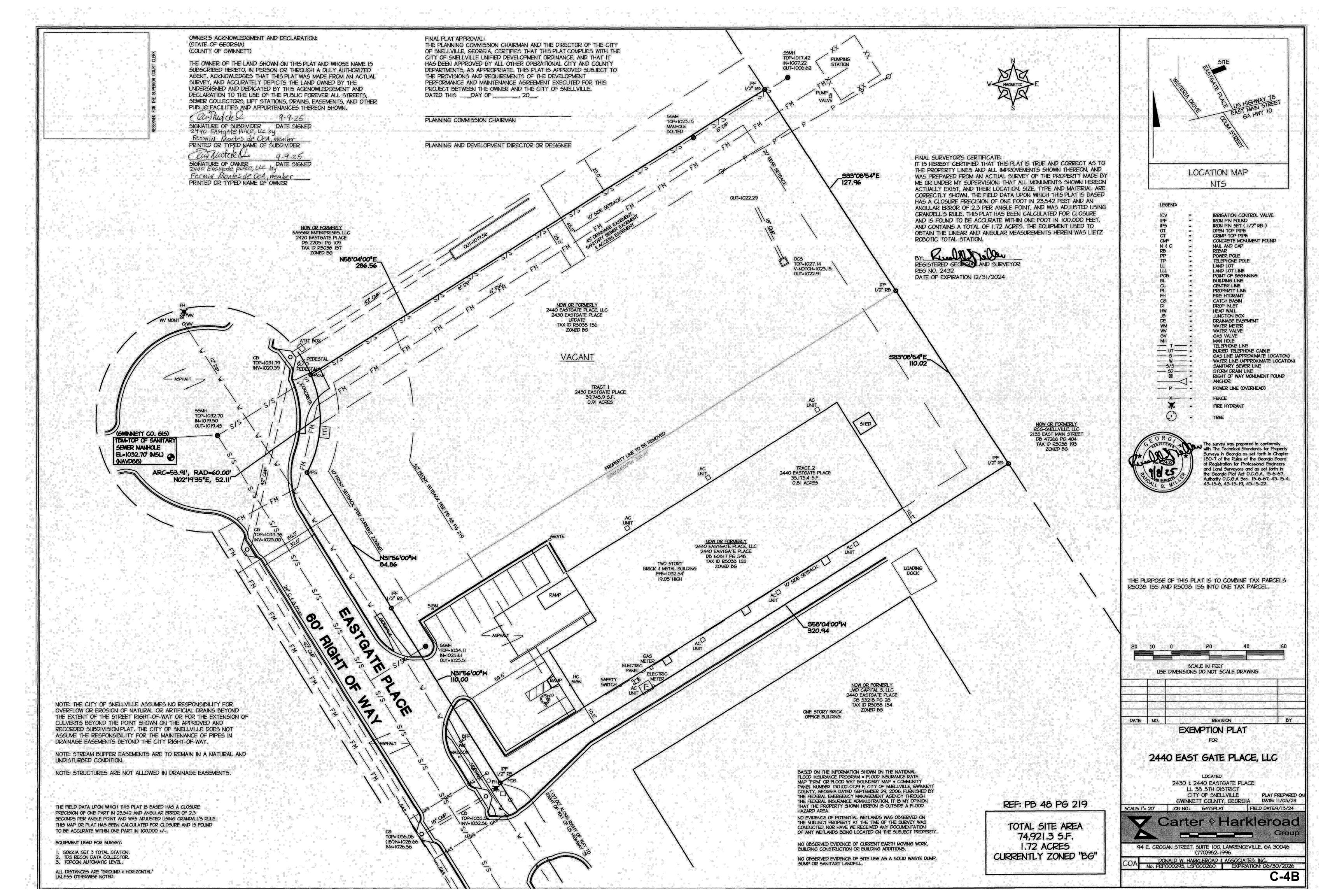
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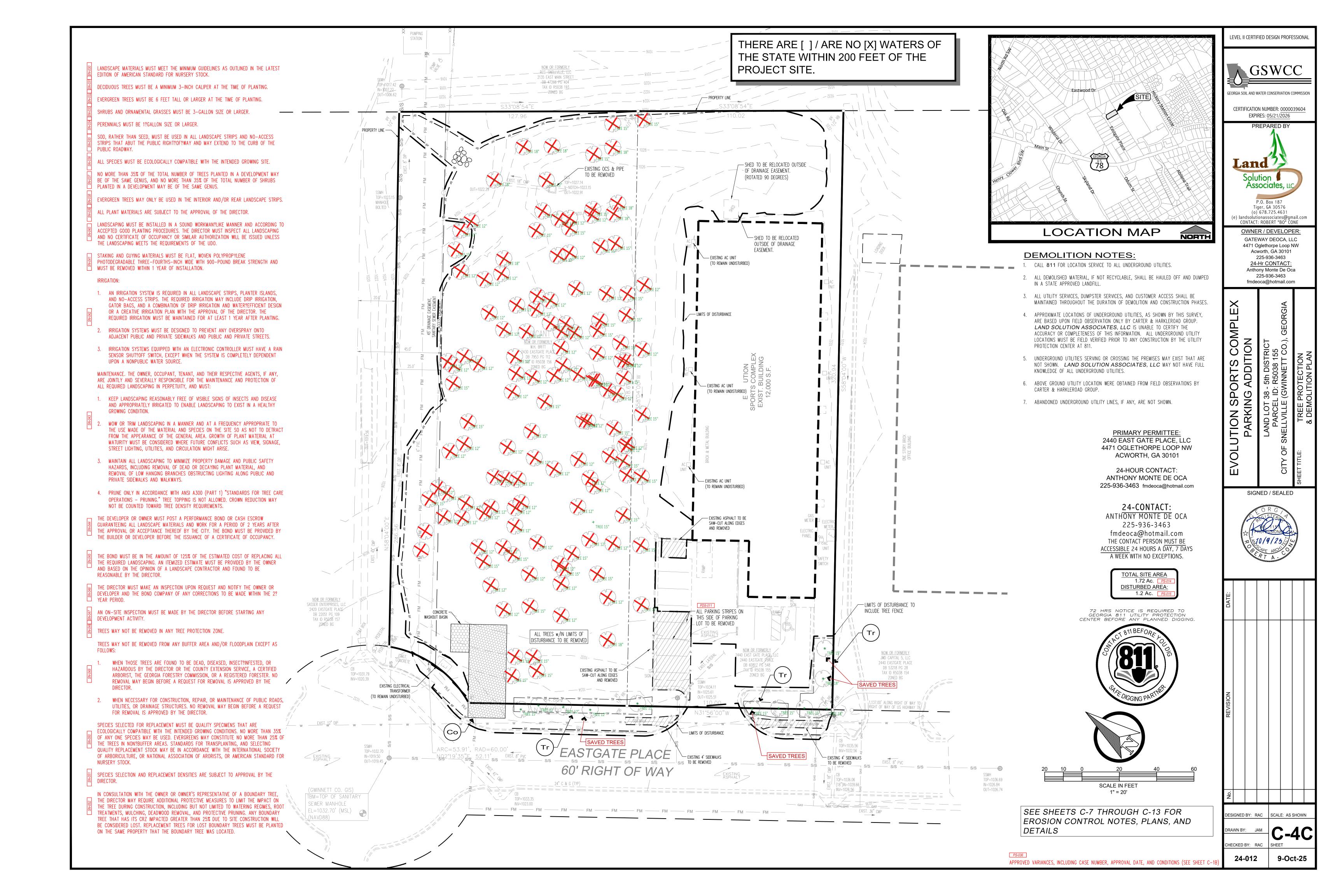
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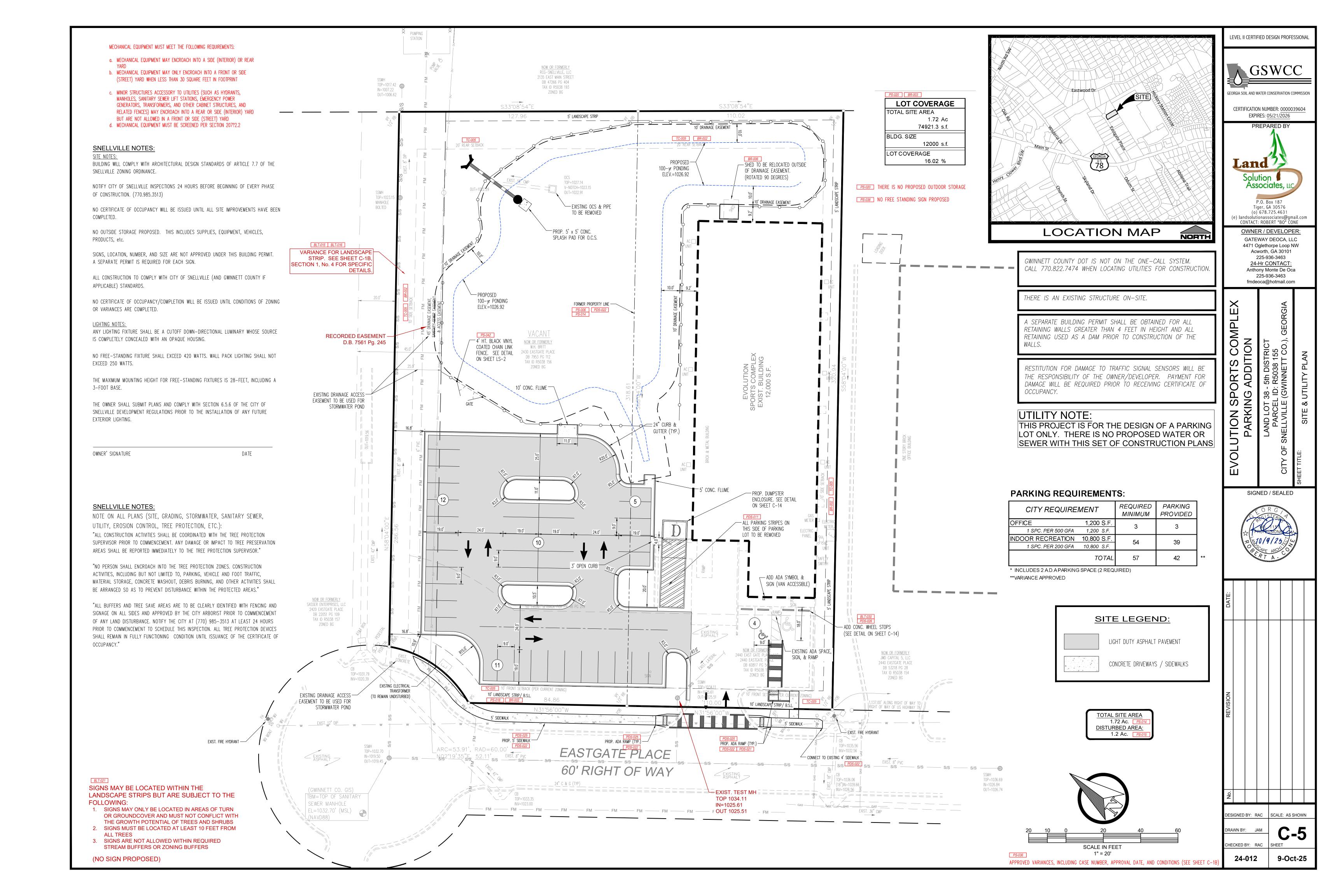
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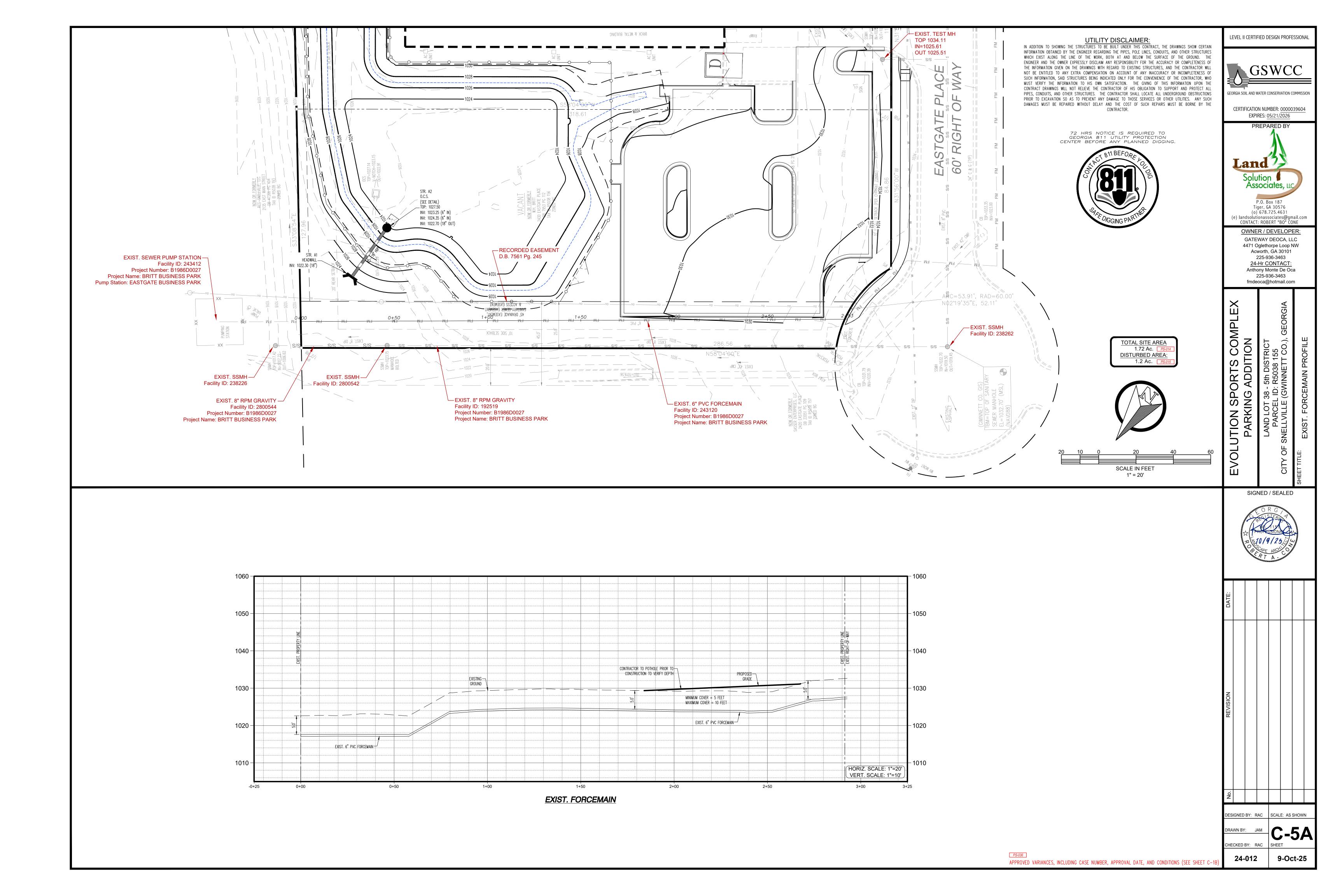
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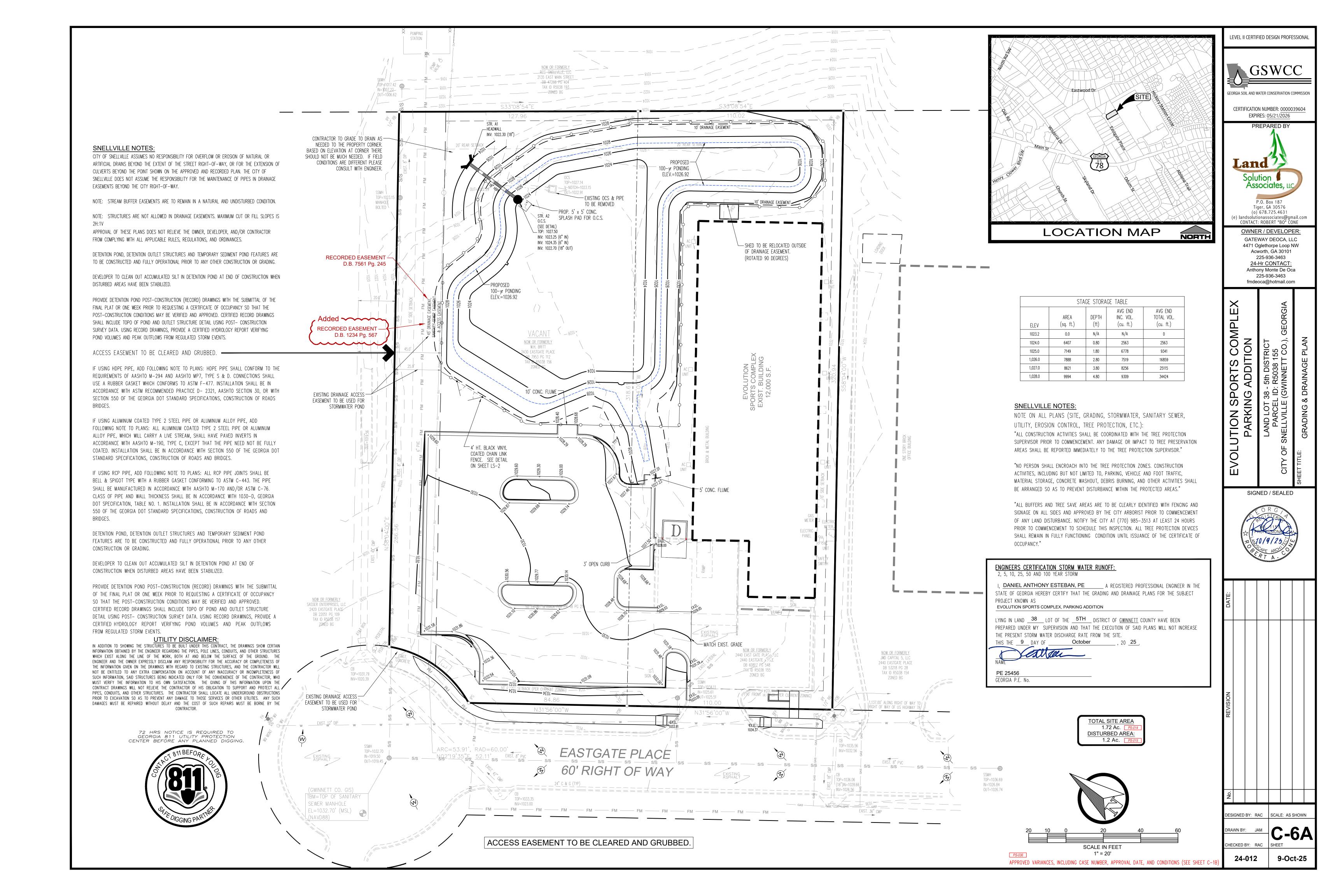


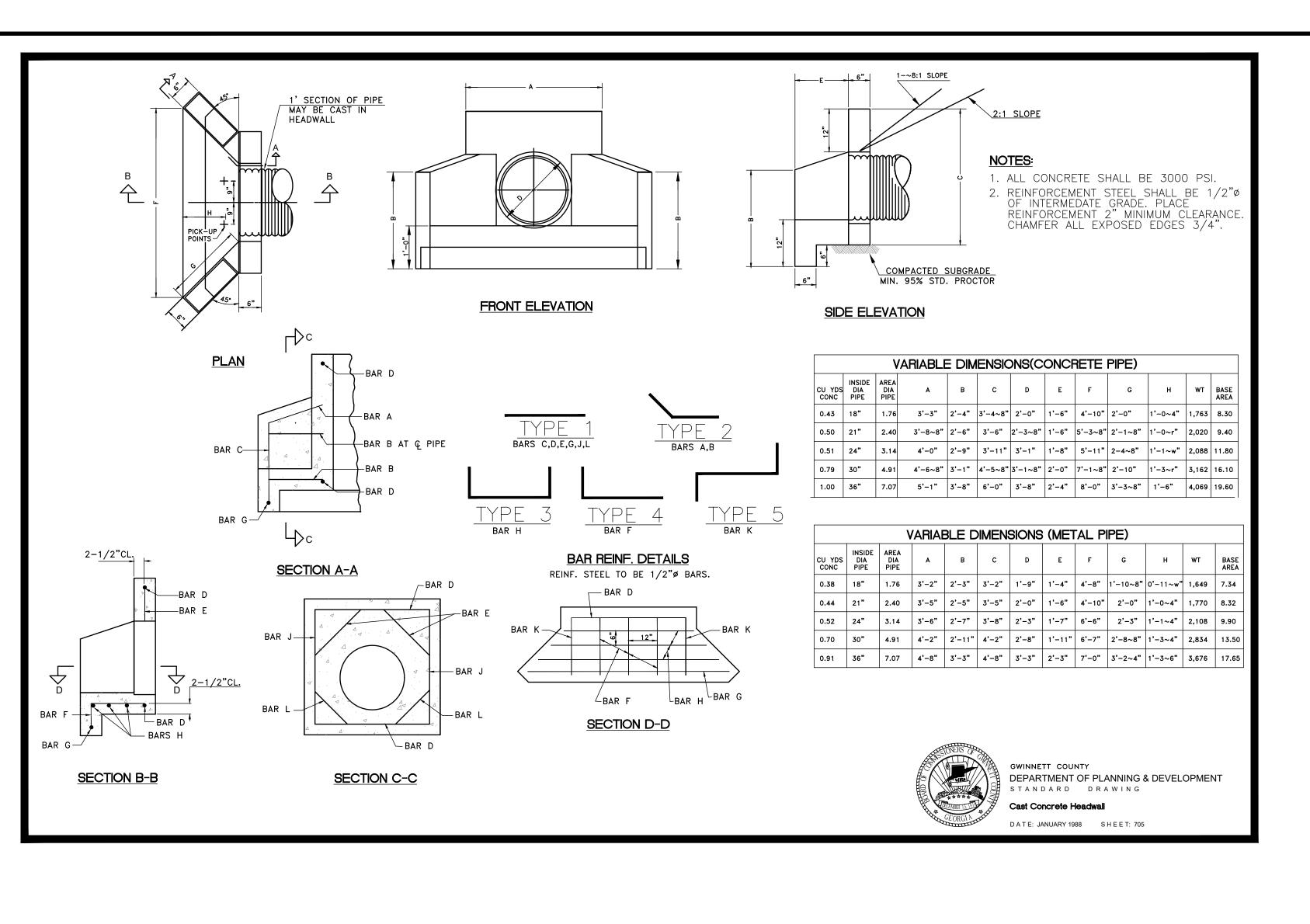












Weir Structures

TW Elev. (ft) = 0.00

4 FT. INSIDE DIA.

2 FT. DIA.

= 3.33 3.33 3.33 3.33 = Rect --- --- ---

— 100-YEAR, 24-HOUR ELEV.:

NOTE THAT EMERGENCY WEIRS CONTINUE AROUND THE OCS

INV. ELEVATION: 1026.10

OUTLET PIPE 18-INCH HDPE INV. ELEVATION: 1022.70

SEE CHANNEL PROTECTION CAP DETAIL

SEE WATER QUALITY CAP DETAIL

OUTLET CONTROL STRUCTURE

—(2)—1.6 FT. WEIRS (3.2 FT. TOTAL)

POND A = 1026.92

TRASH RACK (ON TOP)

─ CONCRETE BASE

6" CLEAR (MIN.)

CONCRETE BASE

WATER QUALITY ORIFICE

ORIFICE SHALL BE DRILLED
ON INSIDE OF OUTLET
STRUCTURE

2" @ INV. 1023.50

CONCRETE WALL/OUTLET STRUCTURE

48" PERFORATED HALF-ROUND

w/ 1/2" DIA. HOLE MIN.

PLAN VIEW

TRASH RACK

-#4 REBAR @ 6"O.C. EACH WAY

SECTION A-A

OUTLET CONTROL STRUCTURE

Culvert / Orifice Structures

Length (ft) Slope (%) N-Value

= 1023.50 = 31.71 = 1.26 = .013

TOP OF STRUCTURE = 1027.50

EMERGENCY WEIR CREST: 1026.50

0.50FT OPENINGS-

6-IN PVC INVERT = 1024.35

6-IN PVC INVERT = 1023.25

STRUCTURE INVERT: 1022.70

BOTTOM OF POND = 1022.70

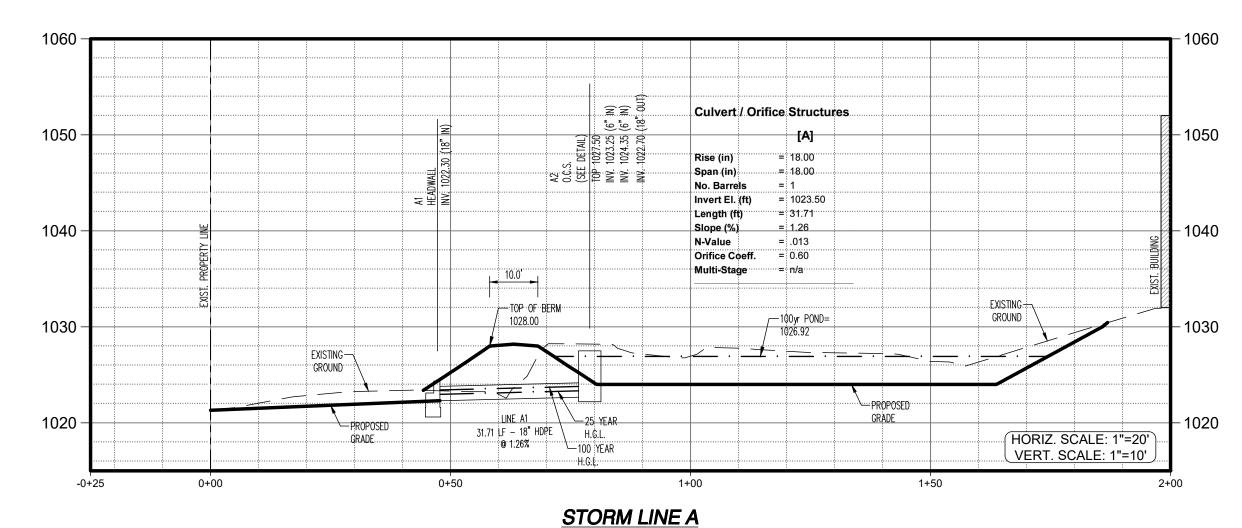
5' x 5' CONCRETE PAD TO BE

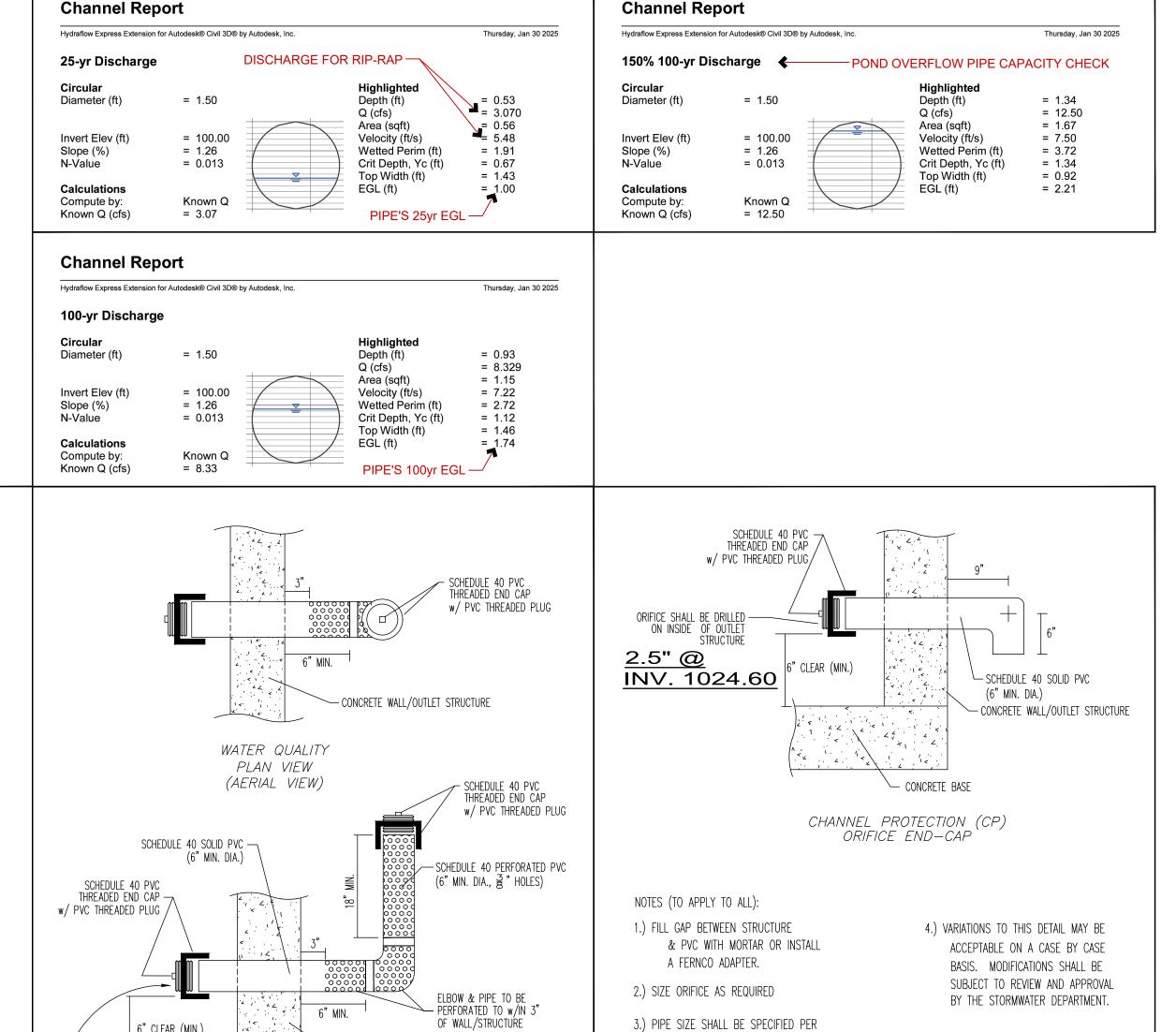
CONSTRUCTED IN FRONT OF ORIFICE

BOTTOM OF LID = 1027.00

1023.50 1024.60 0.00 1.00 1.00 0.00 0.50 0.50 n/a .013 .013 n/a 0.60 0.60 0.60

Yes Yes No





3.) PIPE SIZE SHALL BE SPECIFIED PER

ASSEMBLY.

ORIFICE DIAMETER

<3"

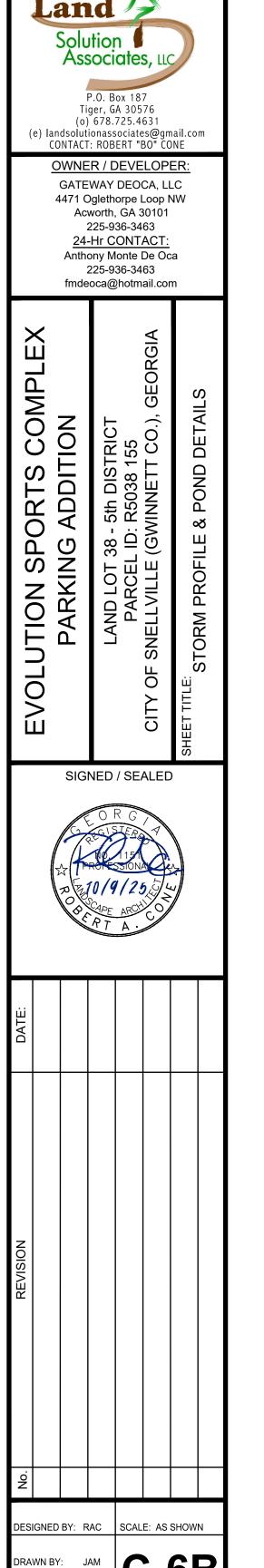
3" TO <5" 5" TO <11"

TABLE BELOW. PIPE SIZES SHALL BE CONSISTENT FOR EACH END-CAP

<u>PIPE SIZE</u>

CHANNEL PROTECTION ORIFICE

APPROVED VARIANCES, INCLUDING CASE NUMBER, APPROVAL DATE, AND CONDITIONS (SEE SHEET (



HECKED BY: RAC

24-012

9-Oct-25

LEVEL II CERTIFIED DESIGN PROFESSIONAL

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

CERTIFICATION NUMBER: 0000039604

EXPIRES: 05/21/2026

PREPARED BY

THE NOTES AND REQUIREMENTS STATED ON THESE PLANS REFERENCE THE "STATE OF GEORGIA DEPARTMENT OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION DIVISION GENERAL PERMIT NO. GAR 100001" EFFECTIVE AUGUST 1, 2018. THIS PLAN DOES NOT CONTAIN ALL OF THE REQUIREMENTS CONTAINED WITHIN THE PERMIT. THE OWNER SHALL CONSULT THE PERMIT FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

<u> SITE DESCRIPTION</u>

- DESCRIPTION AND NATURE OF THE CONSTRUCTION ACTIVITY: THE PROPOSED PROJECT IS A PARKING LOT AND CONSTRUCTING A NEW POND TO REPLACE THE OLD, OUTDATED POND.
- THE PROPOSED BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE ACTIVITY SCHEDULE SHOWN AND THE SEQUENCES OF THE PHASED EROSION, SEDIMENT AND POLLUTION CONTROL PLANS PROVIDED.
- DISTURBED AREA:

THE EXISTING SITE IS VACANT WITH TREES.

- . THE INITIAL RECEIVING WATERS FOR THE SITE IS AN BIG HAYNES TRIBUTARY A.
- APPLICABLE PORTIONS OF THE ES&PC PLAN ARE TO BE PROVIDED TO EACH SECONDARY PERMITTEE PRIOR TO THE SECONDARY PERMITTEE CONDUCTING ANY CONSTRUCTION ACTIVITY. EACH SECONDARY PERMITTEE SHALL SIGN THE PLAN OR PORTION OF THE PLAN APPLICABLE TO
- PRIMARY PERMITTEE 2440 EAST GATE PLACE, LI 4471 OGLETHORPE LOOP NW 225-936-3463 fmdeoca@hotmail.com 24-HOUR CONTACT: ANTHONY MONTE DE OCA

KNOWN SECONDARY PERMITTEES ARE AS FOLLOWS (FOR COMMON DEVELOPMENT ONLY):

225-936-3463

THIS PLAN SHALL BE UPDATED AS APPROPRIATE AS SECONDARY PERMITTEES ARE DETERMINED. IT IS THE RESPONSIBILITY OF THE OWNER TO NOTIFY THE DESIGN PROFESSIONAL AS SECONDARY PERMITTEES ARE DETEMINED.)

POLLUTION CONTROL NOTES:

- I. OPERATIONS SHALL BE KEPT TO A MINIMUM; PHASE IF POSSIBLE.
- SHALL NOT ENDANGER ADJOINING PROPERTIES. 3. FILL SHALL NOT ENCROACH UPON NATURAL WATERCOURSES. CHANNELS SHALL NOT BE CONSTRUCTED IN A MANNER SO AS TO ADVERSELY AFFECT OTHER PROPERTY OWNERS
- 4. MINIMIZING DAMAGE FROM SURFACE WATER TO THE CUT FACE OF EXCAVATIONS OR THE SLOPING SURFACES OF FILL. STATE WATER BANKS
- I. ACTIVITIES SHALL NOT BE CONDUCTED WITHIN TWENTY-FIVE (25) FEET OF THE BANKS OF ANY STATE WATERS, AS MEASURED FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, EXCEPT WHEN APPROVED BY THE DIRECTOR FOR ALTERNATE BUFFER REQUIREMENTS.
- 2. ACTIVITIES SHALL NOT BE CONDUCTED WITHIN FIFTY (50) HORIZONTAL FEET, AS MEASURED FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION FLOW, OF THE BANKS OF ANY STATE WATERS CLASSIFIED AS "TROUT STREAMS", UNLESS APPROVED BY THE DIRECTOR FOR ALTERNATE BUFFER REQUIREMENTS.
- STABILIZATION PRACTICES I. VEHICLE AREAS - FILL IN RILL ERODED AREAS WHEN FOUND. MAINTAIN CONSTRUCTION EXITS AND CONSTRUCTION ROADS. TEMPORARY SEEDING - WHEN AN AREA WILL BE LEFT OPEN MORE THAN 14 DAYS WITH NO CONSTRUCTION.
- 3. SOD STABILIZATION USED IN HIGHER VELOCITY CHANNEL FLOWS. 4. PERMANENT VEGETATION - THIS IS TO BE ESTABLISHED ONCE FINAL GRADE IS ACHIEVED.
- 5. SURFACE ROUGHENING TEXTURING OF SOIL SURFACES TO REDUCE SHEET FLOW AND IMPROVE SURFACE WATER IMPOUNDMENT. 6. SEDIMENT BASINS - SHALL BE INSPECTED TO INSURE STABLE SIDE SLOPES.
- STRUCTURAL CONTROLS TO BE USED-SILT FENCE, INLET PROTECTION, CHECK DAMS, AND DETENTION PONDS. DEVELOPMENT OF PLANS ARE TO CONFORM TO TOPOGRAPHY AND SOIL TYPE.
- OTHER CONTROLS OFF-SITE VEHICLE TRACKING
- A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREETS ADJACENT TO THE SITE WILL BE SWEPT AND SCRAPED REGULARLY TO REMOVE ANY EXCESS MUD, DIRT, OR ROCK TRACKED FROM THE CONSTRUCTION AREA. A SOURCE OF FRESH WATER FOR WASHING SEDIMENT FROM TRUCKS, ESPECIALLY DURING PERIODS OF WET WEATHER, MAY BE PROVIDED IN ORDER TO MINIMIZE THE AMOUNT OF STREET SWEEPING AND SCRAPING REQUIRED. ANY WASTEWATER RESULTING FROM THE OPERATION WILL BE DIRECTED INTO A SEDIMENT TRAP
- ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE HAULED TO AN APPROVED LANDFILL. NO CONSTRUCTION WASTE MATERIAL WILL BE BURIED ON-SITE. ALL PERSONNEL WILL RECEIVE INSTRUCTIONS REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES DESCRIBING THESE PRACTICES WILL BE POSTED IN THE CONSTRUCTION OFFICE. THE SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED. EMPLOYEE WASTE AND OTHER LOOSE MATERIALS WILL BE COLLECTED SO AS TO PREVENT THE RELEASE OF "FLOATABLES" DURING RUNOFF EVENTS. NO WASTE MATERIALS SHALL BE DUMPED INTO ANY ADJACENT STATE WATER, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- . HAZARDOUS WASTE NO HAZARDOUS WASTE IS EXPECTED TO BE GENERATED OR ENCOUNTERED IN THIS PROJECT. IN THE EVENT THAT HAZARDOUS WASTE IS ENCOUNTERED, ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. THE SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. 4. SANITARY WASTE
- THE ESPCP SHALL INCORPORATE AND ADHERE TO ALL COUNTY AND STATE WASTE DISPOSAL AND SANITARY SEWER SYSTEM REGULATIONS. ANY PORTABLE SANITARY UNITS SHALL BE LOCATED AWAY FROM STORM DRAIN INLETS. A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR SHALL REGULARLY COLLECT ALL SANITARY WASTE FROM UNITS. GRADING EQUIPMENT
- GRADING EQUIPMENT SHALL CROSS-FLOWING STREAMS BY THE MEANS OF BRIDGES OR CULVERTS. EXCEPT WHEN SUCH METHODS ARE NOT FEASIBLE, PROVIDED IN ANY CASE THAT SUCH CROSSINGS SHOULD BE KEPT TO A MINIMUM.
- DURING GRADING OPERATIONS (IF APPLICABLE), PERIODICALLY APPLY MOISTURE SPRAY TO LARGE AREAS FOR DUST CONTROL.

<u>NPDES NOTES:</u>

- IT IS THE RESPONSIBILITY OF THE DEVELOPER TO REQUEST SITE INSPECTION OF EROSION CONTROL PRACTICES BY THE ENGINEER WITHIN (7) SEVEN DAYS AFTER INSTALLATION.
- ANY ON-SITE CHEMICALS OR PETROLEUM PRODUCTS ARE TO BE STORED IN AN ENVIRONMENTALLY SAFE CONTAINER TO AVOID LEAKS OR SPILLS THAT COULD LEAD TO CONTAMINATION OF CREEKS OR STREAMS.
- CONCRETE TRUCKS ARE TO BE PROVIDED WITH A SEPARATE WASHOUT AREA TO AVOID DRAINAGE INTO THE STORM SYSTEM.
- 4. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO COMPLY WITH ALL CONDITIONS WITHIN THE NPDES PERMIT **GAR 100001**
- . DEVELOPER MUST SUBMIT NOI TO EPD AND ESTABLISH SAMPLING OF STORMWATER OUTFALL POINTS IN
- SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL NOT BE DISCHARGED TO WATER OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT. (NPDES IV.D.2.c.(1))
- WASTE WATER DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEMS MUST BE IN COMPLIANCE WITH APPLICABLE STATE AND LOCAL REGULATIONS. (NPDES IV.D.2.c.(3))

WASTE MATERIALS:

WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

NTU LIMIT VALUE SELECTION RATIONALE

ACCORDANCE WITH GAR 100001

SURFACE WATER DRAINAGE AREA: 0.20 SQ MI RECEIVING WATER TYPE: WARM WATER NTU LIMIT VALUE SELECTED FROM APPENDIX B: METHOD SELECTED:

URBIDITY OF THE OUTFALL AT THE MONITORING STATION SHALL NOT EXCEED 75 NTU. THE RECEIVING WATERS IS A WARM WATER STREAM. Warm Water (Supporting Warm Water Fisheries)

			Surface	Water Drain	age Area, sq	uare miles			
		0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99	500-
	1.00-10 10.01-25	75 50	150 100	200 100	400 200	750 300	750 500	750 750	750 750
Size	25.01-50	50	50	100	100	200	300	750	750
162	50.01-100	50	50	50	100	100	150	300	600
	100 01 +	50	50	50	50	50	100	200	100

A MASTER STORMWATER FACILITY STORES THE EXCESS RUNOFF GENERATED BY THE DEVELOPMENT OF THIS

PRE-DEVELOPED

POST-DEVELOPED CN=80 (SEE HYDRO)

BMPS WILL BE IMPLEMENTED AND CONSTRUCTED IN ACCORDANCE WITH THE PHASED EROSION, SEDIMENT, AND POLLUTION CONTROL PLANS AND ACTIVITY SCHEDULE PROVIDED.

STABILIZATION MEASURES

THE FOLLOWING SITE STABILIZATION MEASURES WILL BE UTILIZED AS INDICATED ON THE EROSION, SEDIMENT, AND POLLUTION CONTROL PLANS: TEMPORARY MULCHING, TEMPORARY, AND PERMANENT SEEDING. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

STRUCTURAL PRACTICES

THE FOLLOWING STRUCTURAL PRACTICES WILL BE UTILIZED AS INDICATED ON THE EROSION, SEDIMENT, AND POLLUTION CONTROL PLANS: SILT FENCE, TEMPORARY SEDIMENT TRAPS AT INLETS, AND RETROFIT AT

DETENTION POND. STORM WATER MANAGEMENT:

THE PROPOSED DETENTION POND WILL REGULATED POST-DEVELOPED FLOWS TO LESS THAN PRE-DEVELOPED

ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN A DUMPSTER. THE DUMPSTER SHALL BE EMPTIED WHEN FULL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ONSITE. ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. ALL WASTE DISPOSAL PRACTICES SHALL BE CONDUCTED IN ACCORDANCE WITH STATE AND/OR LOCAL WASTE DISPOSAL REGULATIONS.

NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ON-SITE. ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL PROCEDURES.

HAZARDOUS PRODUCTS USED ON-SITE SHALL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RE-SEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS (MSDSS) SHALL BE RETAINED ON SITE. SURPLUS HAZARDOUS PRODUCTS SHALL BE DISPOSED OF ACCORDING TO LOCAL, STATE, AND FEDERAL GUIDELINES. ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES AND THE PROJECT SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO DAY SITE OPERATIONS, SHALL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. MATERIAL SAFETY DATA SHEETS (MSDS'S) WILL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS WILL BE MAINTAINED IN THE ESPCP FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE OF MSDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT HE/SHE IS USING PARTICULARLY REGARDING SILL CONTROL

CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS, AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ONSITE VEHICLES AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATERS, NATURAL DRAINS, AND STORM WATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION DISCHARGE OF OILS, FUELS, AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.

ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT, MATERIALS USED WITH THESE PRODUCTS AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

CONCRETE TRUCK WASHING

NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON-SITE.

FERTILIZER/HERBICIDES

THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CROP ESTABLISHMENT OR IN THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.

SANITARY WASTE

SANITARY WASTE GENERATED FROM PORTABLE UNITS SHALL BE EMPTIED AS REQUIRED TO PROVIDE FOR SANITARY CONDITIONS. ALL SANITARY WASTE DISPOSAL PRACTICES SHALL BE CONDUCTED IN ACCORDANCE WITH STATE AND/OR LOCAL WASTE DISPOSAL REGULATIONS. A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN (10) WORKERS ON THE SITE. ALL SANITARY WASTER WILL BE COLLECTED. FROM THE PORTABLE UNITS A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLETE COMPLIANCE WITH LOCAL AND STATE REGULATIONS.ALL SANITARY WASTE UNITS WILL BE LOCATED IN AN AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORM WATER DISCHARGE IS NEGLIGIBLE. ADDITIONAL CONTAINMENT BMP'S MUST BE IMPLEMENTED, SUCH AS GRAVEL BAGS OR SPECIALLY DESIGNED PLASTIC SKID CONTAINERS AROUND THE BASE, TO PREVENT WASTES FROM CONTRIBUTING TO STORM WATER DISCHARGES. THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED ON THE EROSION CONTROL PLAN GRADING PHASE, BY THE CONTRACTOR ONCE THE LOCATIONS HAVE BEEN DETERMINED.

SPILL CLEANUP AND CONTROL PRACTICES

- 1. LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
- 2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE KEPT IN MATERIAL STORAGE AREA ONSITE. (TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS).
- 3. SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
- 4. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. SPILLS OF TOXIC OR HAZARDOUS MATERIAL SHALL BE REPORTED TO THE APPROPRIATE FEDERAL, STATE, OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.
- 5. THE SPILL PREVENTION PLAN SHALL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT SPILLS FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL. WHAT CAUSED IT. AND THE CLEAN UP MEASURES SHALL ALSO BE INCLUDED. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY OPERATIONS SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR.
- 6. FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
- 7. FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER (NRC) WILL BE CONTACTED WITH 24 HOURS AT 1-800-424-8802
- 8. FOR SPILLS GREATER THAT 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS.
- 9. FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

PRIOR TO LAND DISTURBING ACTIVITY, THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION MEETING WITH THE AREA SITE DEVELOPMENT INSPECTOR.

- THE CONTRACTOR SHALL OBSERVE THE PROJECT SEQUENCE SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO ENSURE THAT LAND STRIPPED OF IT'S NATURAL COVER IS EXPOSED ONLY IN SMALL QUANTITIES.
- THE OWNER AGREES TO PROVIDE AND MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.
- NO STAGING AREAS, MATERIAL STORAGE, CONCRETE WASH OUT AREAS, OR DEBRIS BURNING AND BURIAL HOLES SHALL BE LOCATED WITHIN 500 FEET OF DESIGNATED TREE PROTECTION AREAS.
- A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE AT ALL TIMES.
- PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, LIMITS OF LAND DISTURBANCE SHALL CLEARLY AND ACCURATELY BE DEMARCATED WITH STAKES, RIBBONS OR OTHER APPROPRIATE MEANS, AND SHALL BE DEMACATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE LIMITS INDICATED ON THE APPROVED
- PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE OR ONTO ANY PUBLIC ROADWAY.
- THE FOLLOWING INITIAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY OTHER CONSTRUCTION
- 1. THE CONSTRUCTION EXIT SHALL BE PLACED AS SHOWN ON THE PLANS.
- 2. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION EXIT, ALL PERIMETER EROSION CONTROL AND STORMWATER MANAGEMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.
- 3. INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL EXISTING STORM STRUCTURES AS SHOWN ON THE PLAN.
- 4. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBING ACTIVITY.
- AFTER INSTALLATION OF INITIAL EROSION CONTROL MEASURES, THE SITE CONTRACTOR SHAL SCHEDULE AN INSPECTION BY THE PROJECT DESIGN PROFESSIONAL. NO OTHER CONSTRUCTION ACTIVITIES SHALL OCCUR UNTIL THE PROJECT PROFESSIONAL APPROVES THE INSTALLATION OF SAID EROSION CONTROL MEASURES. IF UNFORSEEN CONDITIONS EXIST IN THE FIELD THAT WARRANT ADDITIONAL EROSION CONTROL MEASURES, THE CONTRACTOR MUST CONSTRUCT ANY ADDITIONAL EROSION CONTROL DEVICES DEEMED NECESSARY BY THE PROJECT PROFESSIONAL DURING THE SITE
- AFTER APPROVAL OF INITIAL EROSION CONTROL INSTALLATION, THE CONTRACTOR MAY PROCEED WITH CLEARING AND GRUBBING ACTIVITIES. AS CLEARING PERMITS, THE CONTRACTOR SHALL CONSTRUCT SEDIMENT PONDS AS SHOWN ON
- THE CONTRACTOR CAN UTILIZE CLEARED TREES AS BARRIER BRUSH SEDIMENT CONTROL WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR.
- NO BURN OR BURY PITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE WITHOUT WRITTEN PERMISSION BY THE OWNER AND/OR THE ENGINEER OF RECORD.
- ALL SILT FENCES MUST MEET THE REQUIREMENTS OF SECTION 171-TEMPORARY SILT FENCE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATIONS, 1983 EDITION.
- MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE. ALL DISTURBED AREAS LEFT MULCHED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION.
- SEDIMENT AND EROSION CONTROL MEASURES MUST BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
- THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1"-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM A VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY
- CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE PROPER
- FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE SITE UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED PLANS.

INTERMEDIATE PHASE NOTES

- DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO ENSURE THAT LAND STRIPPED OF IT'S NATURAL GROUND COVER IS EXPOSED ONLY IN SMALL QUANTITIES, AND THEREFORE LIMITED DURATIONS, BEFORE PERMANENT EROSION PROTECTION IS ESTABLISHED.
- EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS SHALL BE CAREFULLY CONNTROLLED TO AVOID DUMPING OR SLOUGHING INTO THE BUFFER AREAS.
- SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLETS AGAIN.
- EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION, AND ALTER THE LOCATION OF EROSION CONTROL DEVICES ACCORDINGLY. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE DESIGN PROFESSIONAL IMMFDIATFI Y.
- THE CONTRACTOR SHALL ESTABLISH BARRIERS AT THE TOP OF ALL SLOPES UNDER CONSTRUCTION. CUT AND FILL SLOPES SHALL NOT EXCEED 2:1.
- INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL STORM STRUCTURES AS THEY ARE CONSTRUCTED.
- STORM DRAIN OUTLET PROTECTION SHALL BE PLACED AT ALL OUTLET HEADWALLS AS SOON AS THE HEADWALL IS CONSTRUCTED.
- ALL DRAINAGE SWALES AND GRADED AREAS SHALL BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED. MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE. ALL DISTURBED AREAS LEFT MULCHED FOR AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY
- THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT FACILITIES UNTIL PERMANENT GROUNDCOVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT WHEN IT REACHES ONE THIRD OF THE DEPT OF THE BASIN.
- RETROFIT STRUCTURE SHALL BE KEPT CLEAR OF TRASH AND DEBRIS. THIS WILL REQUIRE CONTINUOUS MONITORING AND MAINTENANCE. THE RETROFIT STRUCTURE IS TEMPORARY AND SHALL BE REMOVED WHEN DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.
- SEDIMENT AND EROSION CONTROL MEASURES MUST BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
- CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
- THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1"-3" OF STONE, AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM A VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.

FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES, WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.

SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLETS AGAIN.

MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE. ALL DISTURBED AREAS LEFT MULCHED FOR AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.

THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT FACILITIES UNTIL PERMANENT GROUNDCOVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT WHEN IT REACHES ONE THIRD OF THE DEPT OF THE BASIN.

AFTER CURBING, GRADED AGGREGATE BASE AND PAVEMENT HAVE BEEN INSTALLED, ALL INLET SEDIMENT TRAPS FOR CATCH BASINS OR CURB INLETS SHALL BE REMOVED AND REPLACED WITH CURB INLET FILTER PROTECTION.

ALL ROADWAY AND PARKING SHOULDERS SHOULD BE GRASSED AS SOON AS FINAL GRADE IS ACHIEVED BEHIND CURBS.

SEDIMENT AND EROSION CONTROL MEASURES SHALL BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.

STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS. UPON COMPLETION OF THE PROJECT AND RECEIPT OF THE CERTIFICATE OF COMPLETION, THE CONTRACTOR SHALL REMOVE

ALL TEMPORARY EROSION CONTROL MEASURES AND DISPOSE OF THEM UNLESS NOTED OTHERWISE ON PLANS.

FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING

StreamStats Report Workspace ID: GA20250904165045394000 Clicked Point (Latitude, Longitude): 33.86017, -84.00576 2025-09-04 12:51:08 -0400

Collapse All

➤ Basin Characteristics Parameter Code Parameter Description Value Unit BSLDEM10M Mean basin slope computed from 10 m DEM 4.252 percent CSL10_85 Change in elevation divided by length between points 10 and 85 75.1 feet per mi percent of distance along main channel to basin divide - main channel method not known Area that drains to a point on a stream 0.2 square miles Mean Basin Elevation 1038 feet ELEVMAX Maximum basin elevation 1066 feet **GWHFAD** Mean basin elevation minus minimum basin elevation 43.2 feet 124H100Y Maximum 24-hour precipitation that occurs on average once in 100 7.42 inches I24H10Y Maximum 24-hour precipitation that occurs on average once in 10

LEVEL II CERTIFIED DESIGN PROFESSIONAI

CERTIFICATION NUMBER: 0000039604

EORGIA SOIL AND WATER CONSERVATION COMMISSION

EXPIRES: 05/21/2026 PREPARED BY

Solution Associates, P.O. Box 187 Tiger, GA 30576 (o) 678.725.4631

Land

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S COMFITTION $\stackrel{\sim}{\vdash}$ OR' ADI TION SF

SIGNED / SEALED

SIGNED BY: RAC SCALE: AS SHOWN AWN BY JAN

HECKED BY: RAC SHEET 9-Oct-25 24-012

NSPECTIONS DEPOSITE DECIDENENTS

(1). EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT: (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

(2). MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE THAT HAVE NOT MET FINAL STABILIZATION ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON- WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY. THE DATA COLLECTED FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.

(3). CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS: (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE; (B) AREAS USED BY THE PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. CERTIFIED PERSONNEL SHALL ALSO CONDUCT INSPECTIONS WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST). POST-RAIN INSPECTIONS WILL RESET THE 7-DAY INSPECTION FREQUENCY REQUIREMENT. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS

APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV.D.4.A.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

(4). CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION HAS BEEN SUBMITTED) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO

ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S).

(5). BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN
(7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.

(6). A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IV.D.4.A.(5). OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION SITE THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS, THE INSPECTION REPORT SHALL CONTAIN A CERTIFICATION THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2. OF THIS PERMIT.

5. MAINTENANCE. THE PLAN SHALL INCLUDE A DESCRIPTION OF PROCEDURES TO ENSURE THE TIMELY MAINTENANCE OF VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THE SITE PLAN.

6. SAMPLING REQUIREMENTS. THIS PERMIT REQUIRES THE MONITORING OF NEPHELOMETRIC TURBIDITY IN RECEIVING WATER(S) OR OUTFALLS IN ACCORDANCE WITH THIS PERMIT. THIS PARAGRAPH SHALL NOT APPLY TO ANY LAND DISTURBANCE ASSOCIATED WITH THE CONSTRUCTION OF SINGLE-FAMILY HOMES WHICH ARE

SUBDIVISION OR PLANNED COMMON DEVELOPMENT UNLESS FIVE (5) ACRES OR MORE WILL BE DISTURBED. THE

a. SAMPLING REQUIREMENTS SHALL INCLUDE THE FOLLOWING:

FOLLOWING PROCEDURES CONSTITUTE EPD'S GUIDELINES FOR SAMPLING TURBIDITY.

(1). A USGS TOPOGRAPHIC MAP, A TOPOGRAPHIC MAP OR A DRAWING (REFERRED TO AS A TOPOGRAPHIC MAP) THAT IS A SCALE EQUAL TO OR MORE DETAILED THAN A 1:24000 MAP SHOWING THE LOCATION OF THE SITE OR THE STAND ALONE CONSTRUCTION; (A) THE LOCATION OF ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES AS SHOWN ON A USGS TOPOGRAPHIC MAP, AND ALL OTHER PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES LOCATED DURING MANDATORY FIELD VERIFICATION, INTO WHICH THE STORMWATER IS DISCHARGED AND (B) THE RECEIVING WATER AND/OR OUTFALL SAMPLING LOCATIONS. WHEN THE PERMITTEE HAS CHOSEN TO USE A USGS TOPOGRAPHIC MAP AND THE RECEIVING WATER(S) IS NOT SHOWN ON THE USGS TOPOGRAPHIC MAP, THE LOCATION OF THE RECEIVING WATER(S) MUST BE HAND-DRAWN ON THE USGS TOPOGRAPHIC MAP FROM WHERE THE STORMWATER(S) ENTERS THE RECEIVING WATER(S) TO THE POINT WHERE THE RECEIVING WATER(S) COMBINES WITH THE FIRST BLUE LINE STREAM SHOWN ON THE USGS TOPOGRAPHIC MAP;

(2). A WRITTEN NARRATIVE OF SITE SPECIFIC ANALYTICAL METHODS USED TO COLLECT, HANDLE AND ANALYZE THE SAMPLES INCLUDING QUALITY CONTROL/QUALITY ASSURANCE PROCEDURES. THIS NARRATIVE MUST INCLUDE PRECISE SAMPLING METHODOLOGY FOR EACH SAMPLING LOCATION;

(3). WHEN THE PERMITTEE HAS DETERMINED THAT SOME OR ALL OUTFALLS WILL BE SAMPLED, A RATIONALE MUST BE INCLUDED ON THE PLAN FOR THE NTU LIMIT(S) SELECTED FROM APPENDIX

B. THIS RATIONALE MUST INCLUDE THE SIZE OF THE CONSTRUCTION SITE, THE CALCULATION OF THE SIZE OF THE SURFACE WATER DRAINAGE AREA, AND THE

(4). ANY ADDITIONAL INFORMATION EPD DETERMINES NECESSARY TO BE PART OF THE PLAN. EPD WILL PROVIDE WRITTEN NOTICE TO THE PERMITTEE OF THE INFORMATION NECESSARY AND THE TIMELINE FOR SUBMITTAL.

b. SAMPLE TYPE. ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED); THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833- B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE

(1). SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.

(2). SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.

TYPE OF RECEIVING WATER(S) (I.E., TROUT STREAM OR SUPPORTING WARM WATER FISHERIES); AND

(3). LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.

(4). MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.

(5). SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART IV.E.

c. SAMPLING POINTS.

(1). FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE MUST SAMPLE ALL RECEIVING WATER(S), OR ALL OUTFALL(S), OR A COMBINATION OF RECEIVING WATER(S) AND OUTFALL(S). SAMPLING POINTS SHALL BE LOCATED ON APPLICABLE PAGES OF THE INITIAL, INTERMEDIATE, AND FINAL PHASE OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS. SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORMWATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES:

(A). THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORMWATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST UPSTREAM AT THE SITE) BUT DOWNSTREAM OF ANY OTHER STORMWATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPRIES AS AND THE PERMITTED ACTIVITY. WHERE A STORM AS AND THE PERMITTED ACTIVITY OF THESE AS AND THE PERMITTED ACTIVITY OF THE PERMITTED ACTIVITY OF THESE AS AND THE PERMITTED ACTIVITY OF THE PERMITTED ACTIVITY OF THESE AS AND THE PERMITTED ACTIVITY OF TH

TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM TURBIDITY VALUE.

(B). THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORMWATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST DOWNSTREAM AT THE SITE) BUT UPSTREAM OF ANY OTHER STORMWATER DISCHARGE NOT ASSOCIATED

WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND

(C). IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORMWATER OUTFALL CHANNEL(S)

(D). CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORMWATER CHANNEL.

(E). THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.

THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE.

(F). THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS.

(G). PERMITTEES DO NOT HAVE TO SAMPLE SHEET FLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT. FOR PURPOSES OF THIS SECTION, STABILIZED SHALL MEAN, FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES AND AREAS LOCATED OUTSIDE THE WASTE DISPOSAL LIMITS OF A LANDFILL CELL THAT HAS BEEN CERTIFIED BY EPD FOR WASTE DISPOSAL, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR LANDSCAPED ACCORDING TO THE PLAN (UNIFORMLY COVERED WITH LANDSCAPING MATERIALS IN PLANNED LANDSCAPED AREAS), OR EQUIVALENT PERMANENT STABILIZATION MEASURES AS DEFINED IN THE MANUAL (EXCLUDING A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION).

(H). ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING GENERALLY ACCEPTED SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY) AS TO ACCURATELY REFLECT WHETHER STORMWATER RUNOFF FROM THE CONSTRUCTION SITE IS IN COMPLIANCE WITH THE STANDARD SET FORTH IN PARTS III D 4 OR III D 5 WHICHEVER IS APPLICABLE

d. SAMPLING FREQUENCY.

(1). THE PRIMARY PERMITTEE MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORMWATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN IN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.

(2). HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE

(3). SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:

(A). FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A

PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORMWATER

STORMWATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION;

(B). IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORMWATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION. WHICHEVER COMES FIRST:

(C). AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMPS IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN TWO (2) BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS* UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-RAIN EVENT INSPECTIONS DETERMINE THAT BMPS ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED;

(D). WHERE SAMPLING PURSUANT TO (A), (B) OR (C) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.A.(6), MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED. PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (A), (B) OR (C) ABOVE; AND

(E). EXISTING CONSTRUCTION ACTIVITIES, I.E., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (A) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (B). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING REQUIRED BY (B) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN AS REQUIRED BY (C) ABOVE.

*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

7. NON-STORMWATER DISCHARGES. EXCEPT FOR FLOWS FROM FIRE-FIGHTING ACTIVITIES, SOURCES OF NON-STORMWATER LISTED IN PART III.A.2. OF THIS PERMIT THAT ARE COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE IDENTIFIED IN THE PLAN. THE PLAN SHALL IDENTIFY AND ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORMWATER COMPONENT(S) OF THE DISCHARGE.

F. RFPORT

5. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORMWATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD USING THE ELECTRONIC SUBMITTAL SERVICE PROVIDED BY EPD. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

- 6. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:
- a. THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;
- b. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;c. THE DATE(S) ANALYSES WERE PERFORMED;
- . THE TIME(S) ANALYSES WERE INITIATED:
- e. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES;
 f. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;
 g. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE
- h. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU;" AND

CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.

3. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE EPD DISTRICT OFFICE OR DELIVERY RECEIPT EMAIL TO THE APPROPRIATE EPD DISTRICT OFFICE RESOURCE MAILBOX ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE PERMITTEE SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

F. RETENTION OF RECORDS.

1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI:

- a. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;b. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
- c. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF THIS PERMIT;
- d. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
- e. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT;
 f. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D. OF THIS PERMIT;
- g. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2). OF THIS PERMIT.

2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

PART V. STANDARD PERMIT CONDITIONS

A. DUTY TO COMPLY.

GEORGIA OPEN RECORDS ACT.

1. EACH PERMITTEE MUST COMPLY WITH ALL APPLICABLE CONDITIONS OF THIS PERMIT. ANY PERMIT NONCOMPLIANCE CONSTITUTES A VIOLATION OF THE GEORGIA WATER QUALITY CONTROL ACT (O.C.G.A. §§12—5-20, ET SEQ.) AND IS GROUNDS FOR ENFORCEMENT ACTION; FOR PERMIT TERMINATION; OR FOR DENIAL OF A PERMIT RENEWAL APPLICATION. FAILURE OF A PRIMARY PERMITTEE TO COMPLY WITH ANY APPLICABLE TERM OR CONDITION OF THIS PERMIT SHALL NOT RELIEVE ANY OTHER PRIMARY PERMITTEE FROM COMPLIANCE WITH THEIR APPLICABLE TERMS AND CONDITIONS OF THIS PERMIT.

2. EACH PERMITTEE MUST DOCUMENT IN THEIR RECORDS ANY AND ALL KNOWN VIOLATIONS OF THIS PERMIT AT HIS/HER SITE WITHIN SEVEN (7) DAYS OF HIS/HER KNOWLEDGE OF THE VIOLATION. A SUMMARY OF THESE VIOLATIONS MUST BE SUBMITTED TO EPD BY THE PERMITTEE AT THE ADDRESSES SHOWN IN APPENDIX A WITHIN FOURTEEN (14) DAYS OF HIS/HER DISCOVERY OF THE VIOLATION.

3. PENALTIES FOR VIOLATIONS OF PERMIT CONDITIONS. THE FEDERAL CLEAN WATER ACT AND THE GEORGIA WATER QUALITY CONTROL ACT (O.C.G.A. §\$12-5-20, ET SEQ.) PROVIDE THAT ANY PERSON WHO FALSIFIES, TAMPERS WITH, OR KNOWINGLY RENDERS INACCURATE ANY MONITORING DEVICE OR METHOD REQUIRED TO BE MAINTAINED UNDER THIS PERMIT, MAKES ANY FALSE STATEMENT, REPRESENTATION, OR CERTIFICATION IN ANY RECORD OR OTHER DOCUMENT SUBMITTED OR REQUIRED TO BE MAINTAINED UNDER THIS PERMIT, INCLUDING MONITORING REPORTS OR REPORTS OF COMPLIANCE OR NONCOMPLIANCE SHALL, UPON CONVICTION BE PUNISHED BY A FINE OR BY IMPRISONMENT, OR BY BOTH. THE FEDERAL CLEAN WATER ACT AND THE GEORGIA WATER QUALITY CONTROL ACT ALSO PROVIDE PROCEDURES FOR IMPOSING CIVIL PENALTIES WHICH MAY BE LEVIED FOR VIOLATIONS OF THE ACTS, ANY PERMIT CONDITION OR LIMITATION ESTABLISHED PURSUANT TO THE ACTS, OR

NEGLIGENTLY OR INTENTIONALLY FAILING OR REFUSING TO COMPLY WITH ANY FINAL OR EMERGENCY ORDER OF THE DIRECTOR.

B. CONTINUATION OF THE EXPIRED GENERAL PERMIT. THIS PERMIT EXPIRES ON THE DATE SHOWN ON THE COVER PAGE OF THIS PERMIT. HOWEVER, AN EXPIRED GENERAL PERMIT CONTINUES IN FORCE AND EFFECT UNTIL A NEW GENERAL PERMIT IS ISSUED, FINAL AND EFFECTIVE.

C. NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE. IT SHALL NOT BE A DEFENSE FOR THE PERMITTEE IN AN ENFORCEMENT ACTION THAT IT WOULD HAVE BEEN NECESSARY TO HALT OR REDUCE THE PERMITTED ACTIVITY IN ORDER TO MAINTAIN COMPLIANCE WITH THE CONDITIONS OF THIS PERMIT.

D. DUTY TO MITIGATE. THE PERMITTEE SHALL TAKE ALL REASONABLE STEPS TO MINIMIZE OR PREVENT ANY DISCHARGE IN VIOLATION OF THIS PERMIT WHICH HAS A REASONABLE LIKELIHOOD OF ADVERSELY AFFECTING HUMAN HEALTH OR THE ENVIRONMENT.

E. DUTY TO PROVIDE INFORMATION. THE PERMITTEE SHALL FURNISH TO THE DIRECTOR; A STATE OR LOCAL AGENCY APPROVING SOIL EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, GRADING PLANS, OR STORMWATER MANAGEMENT PLANS; OR IN THE CASE OF A STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY WHICH DISCHARGES THROUGH A MUNICIPAL SEPARATE STORM SEWER SYSTEM WITH AN NPDES PERMIT, TO THE LOCAL GOVERNMENT OPERATING THE MUNICIPAL SEPARATE STORM SEWER SYSTEM, ANY INFORMATION WHICH IS REQUESTED TO DETERMINE COMPLIANCE WITH THIS PERMIT. IN THE CASE OF INFORMATION SUBMITTED TO THE EPD SUCH INFORMATION SHALL BE CONSIDERED PUBLIC INFORMATION AND AVAILABLE UNDER THE

F. OTHER INFORMATION. WHEN THE PERMITTEE BECOMES AWARE THAT HE FAILED TO SUBMIT ANY RELEVANT FACTS OR SUBMITTED INCORRECT INFORMATION IN THE NOTICE OF INTENT OR IN ANY OTHER REPORT REQUIRED TO BE SUBMITTED TO THE EPD, THE PERMITTEE SHALL PROMPTLY SUBMIT SUCH FACTS OR

G. SIGNATORY REQUIREMENTS. ALL NOTICES OF INTENT, NOTICE OF TERMINATIONS, INSPECTION REPORTS, SAMPLING REPORTS OR OTHER REPORTS REQUESTED BY THE EPD SHALL BE SIGNED AS FOLLOWS:

1. ALL NOTICES OF INTENT AND NOTICES OF TERMINATION SHALL BE SIGNED AS FOLLOWS:

a. FOR A CORPORATION: BY A RESPONSIBLE CORPORATE OFFICER. FOR THE PURPOSE OF THIS PERMIT, A RESPONSIBLE CORPORATE OFFICER MEANS: (1) A PRESIDENT, SECRETARY, TREASURER, OR VICE-PRESIDENT OF THE CORPORATION IN CHARGE OF A PRINCIPAL BUSINESS FUNCTION, OR ANY OTHER PERSON WHO PERFORMS SIMILAR POLICY— OR DECISION—MAKING FUNCTIONS FOR THE CORPORATION; OR (2) THE MANAGER OF ONE OR MORE MANUFACTURING, PRODUCTION OR OPERATING FACILITIES PROVIDED THE MANAGER IS AUTHORIZED TO MAKE MANAGEMENT DECISIONS WHICH GOVERN THE OPERATION OF THE REGULATED FACILITY INCLUDING HAVING THE EXPLICIT OR IMPLICIT DUTY OF MAKING MAJOR CAPITAL INVESTMENT RECOMMENDATIONS, AND INITIATING AND DIRECTING OTHER COMPREHENSIVE MEASURES TO ASSURE LONG TERM ENVIRONMENTAL COMPLIANCE WITH ENVIRONMENTAL LAWS AND REGULATIONS; THE MANAGER CAN ENSURE THE NECESSARY SYSTEMS ARE ESTABLISHED OR ACTIONS TAKEN TO GATHER COMPLETE AND ACCURATE INFORMATION FOR PERMIT APPLICATION REQUIREMENTS; AND WHERE

AUTHORITY TO SIGN DOCUMENTS HAS BEEN ASSIGNED OR DELEGATED TO THE MANAGER IN ACCORDANCE WITH CORPORATE PROCEDURES;

b. FOR A PARTNERSHIP OR SOLE PROPRIETORSHIP: BY A GENERAL PARTNER OR THE PROPRIETOR, RESPECTIVELY; OR

c. FOR A MUNICIPALITY, STATE, FEDERAL, OR OTHER PUBLIC FACILITY: BY EITHER A PRINCIPAL EXECUTIVE OFFICER OR RANKING ELECTED OFFICIAL; AND

d. CHANGES TO AUTHORIZATION. IF AN AUTHORIZATION UNDER PART II.B. IS NO LONGER ACCURATE, A MODIFICATION NOI SATISFYING THE REQUIREMENTS OF PART II.B. MUST BE SUBMITTED TO THE EPD PRIOR TO OR TOGETHER WITH ANY INSPECTION REPORTS, SAMPLING REPORTS, OR OTHER REPORTS REQUESTED BY THE EPD TO BE SIGNED BY A PERSON DESCRIBED ABOVE OR BY A DULY AUTHORIZED REPRESENTATIVE OF THAT PERSON.

2. ALL INSPECTION REPORTS, SAMPLING REPORTS, OR OTHER REPORTS REQUESTED BY THE EPD SHALL BE SIGNED BY A PERSON DESCRIBED ABOVE OR BY A DULY AUTHORIZED REPRESENTATIVE OF THAT PERSON. A PERSON IS A DULY AUTHORIZED REPRESENTATIVE ONLY IF:

a. THE AUTHORIZATION IS MADE IN WRITING BY A PERSON(S) DESCRIBED ABOVE AND SUBMITTED TO THE EPD;

b. THE AUTHORIZATION SPECIFIES EITHER AN INDIVIDUAL OR A POSITION HAVING RESPONSIBILITY FOR SPECIFIED OPERATION(S) OF THE REGULATED FACILITY OR ACTIVITY, SUCH AS THE POSITION OF MANAGER, OPERATOR, SUPERINTENDENT, OR POSITION OF EQUIVALENT RESPONSIBILITY OR AN INDIVIDUAL OR POSITION HAVING OVERALL RESPONSIBILITY FOR ENVIRONMENTAL MATTERS FOR THE COMPANY. (A DULY AUTHORIZED REPRESENTATIVE MAY BE EITHER A NAMED INDIVIDUAL OR ANY INDIVIDUAL OCCUPYING A NAMED POSITION); AND

C. CERTIFICATION. REPORTS DELINEATED IN PART V.G.2. SHALL BE SIGNED BY THE PERMITTEE OR DULY AUTHORIZED REPRESENTATIVE AND SHALL MAKE THE

"I CERTIFY UNDER PENALTY OF LAW THAT THIS REPORT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT CERTIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

H. OIL AND HAZARDOUS SUBSTANCE LIABILITY. NOTHING IN THIS PERMIT SHALL BE CONSTRUED TO PRECLUDE THE INSTITUTION OF ANY LEGAL ACTION OR RELIEVE THE PERMITTEE FROM ANY RESPONSIBILITIES, LIABILITIES, OR PENALTIES TO WHICH THE PERMITTEE IS OR MAY BE SUBJECT UNDER THE GEORGIA HAZARDOUS WASTE MANAGEMENT ACT, O.C.G.A. § 12-8-60, ET SEQ. OR UNDER CHAPTER 14 OF TITLE 12 OF THE OFFICIAL CODE

OF GEORGIA ANNOTATED; NOR IS THE OPERATOR RELIEVED FROM ANY RESPONSIBILITIES, LIABILITIES OR PENALTIES TO WHICH THE PERMITTEE IS OR MAY BE SUBJECT UNDER SECTION 311 OF THE CLEAN WATER ACT OR SECTION 106 OF COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT.

I. PROPERTY RIGHTS. THE ISSUANCE OF THIS PERMIT DOES NOT CONVEY ANY PROPERTY RIGHTS OF ANY SORT, NOR ANY EXCLUSIVE PRIVILEGES, NOR DOES IT AUTHORIZE ANY INJURY TO PRIVATE PROPERTY NOR ANY INVASION OF PERSONAL RIGHTS, NOR ANY INFRINGEMENT OF FEDERAL, STATE OR LOCAL LAWS OR REGULATIONS.

J. SEVERABILITY. THE PROVISIONS OF THIS PERMIT ARE SEVERABLE, AND IF ANY PROVISION OF THIS PERMIT, OR THE APPLICATION OF ANY PROVISION OF THIS PERMIT TO ANY CIRCUMSTANCE, IS HELD INVALID, THE APPLICATION OF SUCH PROVISION TO OTHER CIRCUMSTANCES, AND THE REMAINDER OF THIS PERMIT SHALL NOT BE AFFECTED THEREBY.

K. OTHER APPLICABLE ENVIRONMENTAL REGULATIONS AND LAWS. NOTHING IN THIS PERMIT SHALL BE CONSTRUED TO PRECLUDE THE INSTITUTION OF ANY LEGAL ACTION OR RELIEVE THE PERMITTEE FROM ANY RESPONSIBILITIES, LIABILITIES, OR PENALTIES ESTABLISHED PURSUANT TO ANY APPLICABLE STATE LAW OR REGULATION UNDER AUTHORITY PRESERVED BY SECTION 510 OF THE CLEAN WATER ACT. NOTHING IN THIS PERMIT, UNLESS EXPLICITLY STATED, EXEMPTS THE PERMITTEE FROM COMPLIANCE WITH OTHER APPLICABLE LOCAL, STATE AND FEDERAL ORDINANCES, RULES, REGULATIONS, AND LAWS. FURTHERMORE, IT IS NOT A DEFENSE TO COMPLIANCE WITH THIS PERMIT THAT A LOCAL GOVERNMENT AUTHORITY HAS APPROVED THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN OR FAILED TO TAKE ENFORCEMENT ACTION AGAINST THE PERMITTEE FOR VIOLATIONS OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, OR OTHER PROVISIONS OF THIS PERMIT.

NO CONDITION OF THIS PERMIT SHALL RELEASE THE PERMITTEE FROM ANY RESPONSIBILITY OR REQUIREMENTS UNDER OTHER ENVIRONMENTAL STATUTES OR

L. PROPER OPERATION AND MAINTENANCE. THE PERMITTEE SHALL AT ALL TIMES PROPERLY OPERATE AND MAINTAIN ALL FACILITIES AND SYSTEMS OF TREATMENT AND CONTROL (AND RELATED APPURTENANCES) WHICH ARE INSTALLED OR USED BY THE PERMITTEE TO ACHIEVE COMPLIANCE WITH THE CONDITIONS OF THIS PERMIT AND WITH THE REQUIRED PLANS. PROPER OPERATION AND MAINTENANCE ALSO INCLUDES ADEQUATE LABORATORY CONTROLS AND APPROPRIATE QUALITY ASSURANCE PROCEDURES. PROPER OPERATION AND MAINTENANCE REQUIRES THE OPERATION OF BACKUP OR AUXILIARY FACILITIES OR SIMILAR SYSTEMS, INSTALLED BY A PERMITTEE ONLY WHEN NECESSARY TO ACHIEVE COMPLIANCE WITH THE CONDITIONS OF THE PERMIT.

M. INSPECTION AND ENTRY. THE PERMITTEE SHALL ALLOW THE DIRECTOR OR AN AUTHORIZED REPRESENTATIVE OF EPA, EPD OR TO DESIGNATED OFFICIALS OF THE LOCAL GOVERNMENT REVIEWING SOIL EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, GRADING PLANS, OR STORMWATER MANAGEMENT PLANS; OR, IN THE CASE OF A CONSTRUCTION SITE WHICH DISCHARGES THROUGH A MUNICIPAL SEPARATE STORM SEWER SYSTEM, AN AUTHORIZED REPRESENTATIVE OF THE MUNICIPAL OPERATOR OF THE SEPARATE STORM SEWER SYSTEM RECEIVING THE DISCHARGE, UPON THE PRESENTATION OF CREDENTIALS AND OTHER DOCUMENTS AS MAY BE REQUIRED BY LAW. TO:

1. ENTER UPON THE PERMITTEE'S PREMISES WHERE A REGULATED FACILITY OR ACTIVITY IS LOCATED OR CONDUCTED OR WHERE RECORDS MUST BE KEPT UNDER THE CONDITIONS OF THIS PERMIT; AND

- 2. HAVE ACCESS TO AND COPY AT REASONABLE TIMES, ANY RECORDS THAT MUST BE KEPT UNDER THE CONDITIONS OF THIS PERMIT; AND
- 3. INSPECT AT REASONABLE TIMES ANY FACILITIES OR EQUIPMENT (INCLUDING MONITORING AND CONTROL EQUIPMENT).
- N. PERMIT ACTIONS. THIS PERMIT MAY BE REVOKED AND REISSUED, OR TERMINATED FOR CAUSE INCLUDING BUT NOT LIMITED TO CHANGES IN THE LAW OR REGULATIONS. THE FILING OF A REQUEST BY THE PERMITTEE FOR TERMINATION OF THE PERMIT, OR A NOTIFICATION OF PLANNED CHANGES OR ANTICIPATED NONCOMPLIANCE, DOES NOT STAY ANY PERMIT CONDITION.

LEVEL II CERTIFIED DESIGN PROFESSIONAL

GSWCC

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

CERTIFICATION NUMBER: 0000039604 EXPIRES: 05/21/2026



(o) 678.725.4631 (e) landsolutionassociates@gmail.com CONTACT: ROBERT "BO" CONE

Tiger, GA 30576

OWNER / DEVELOPER:
GATEWAY DEOCA, LLC
4471 Oglethorpe Loop NW
Acworth, GA 30101
225-936-3463
24-Hr CONTACT:
Anthony Monte De Oca

225-936-3463

fmdeoca@hotmail.com

EVOLUTION SPORTS COMPLEX
PARKING ADDITION

LAND LOT 38 - 5th DISTRICT
PARCEL ID: R5038 155
CITY OF SNELLVILLE (GWINNETT CO.), GEORGIA

SIGNED / SEALED

DATE:

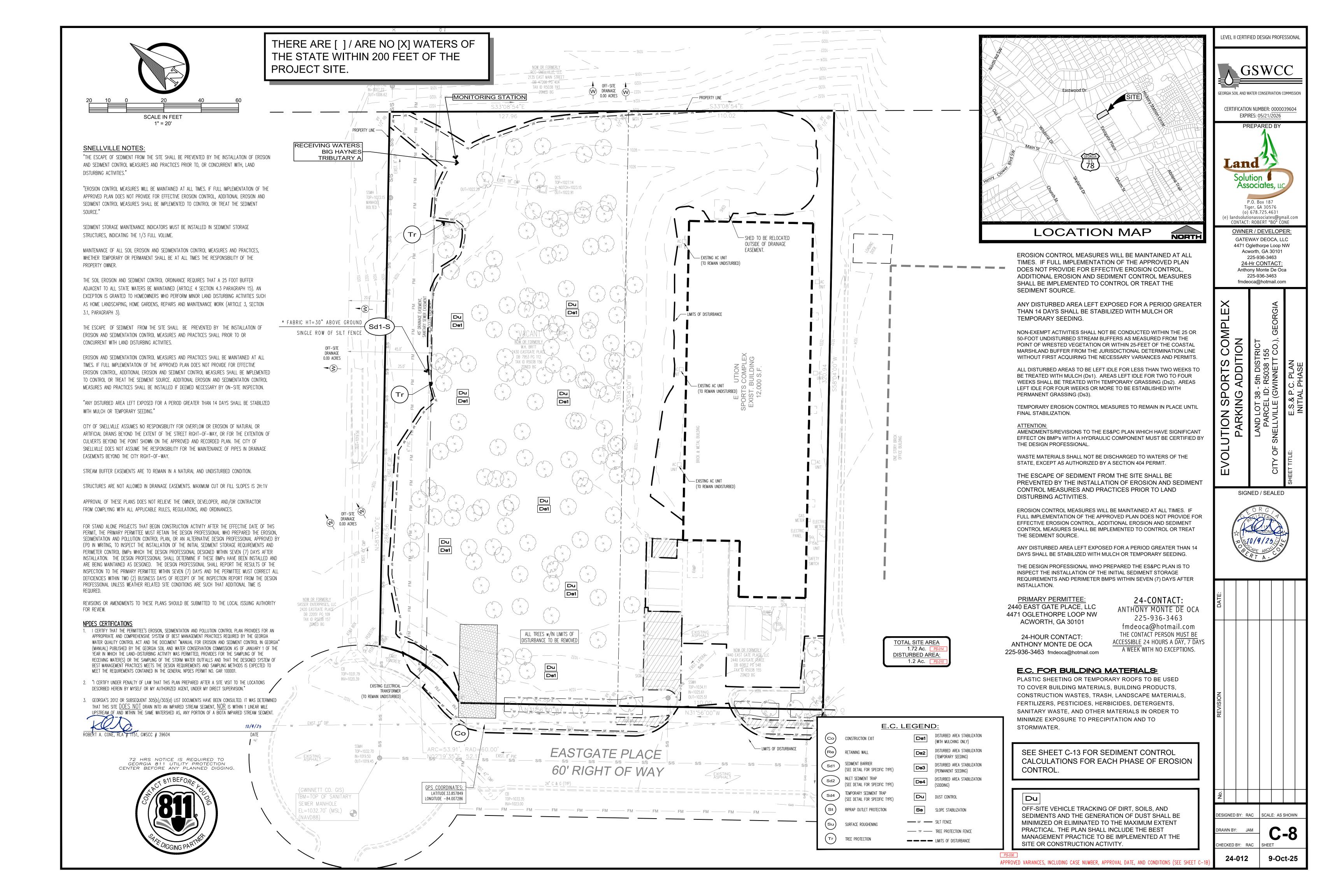
REVISION

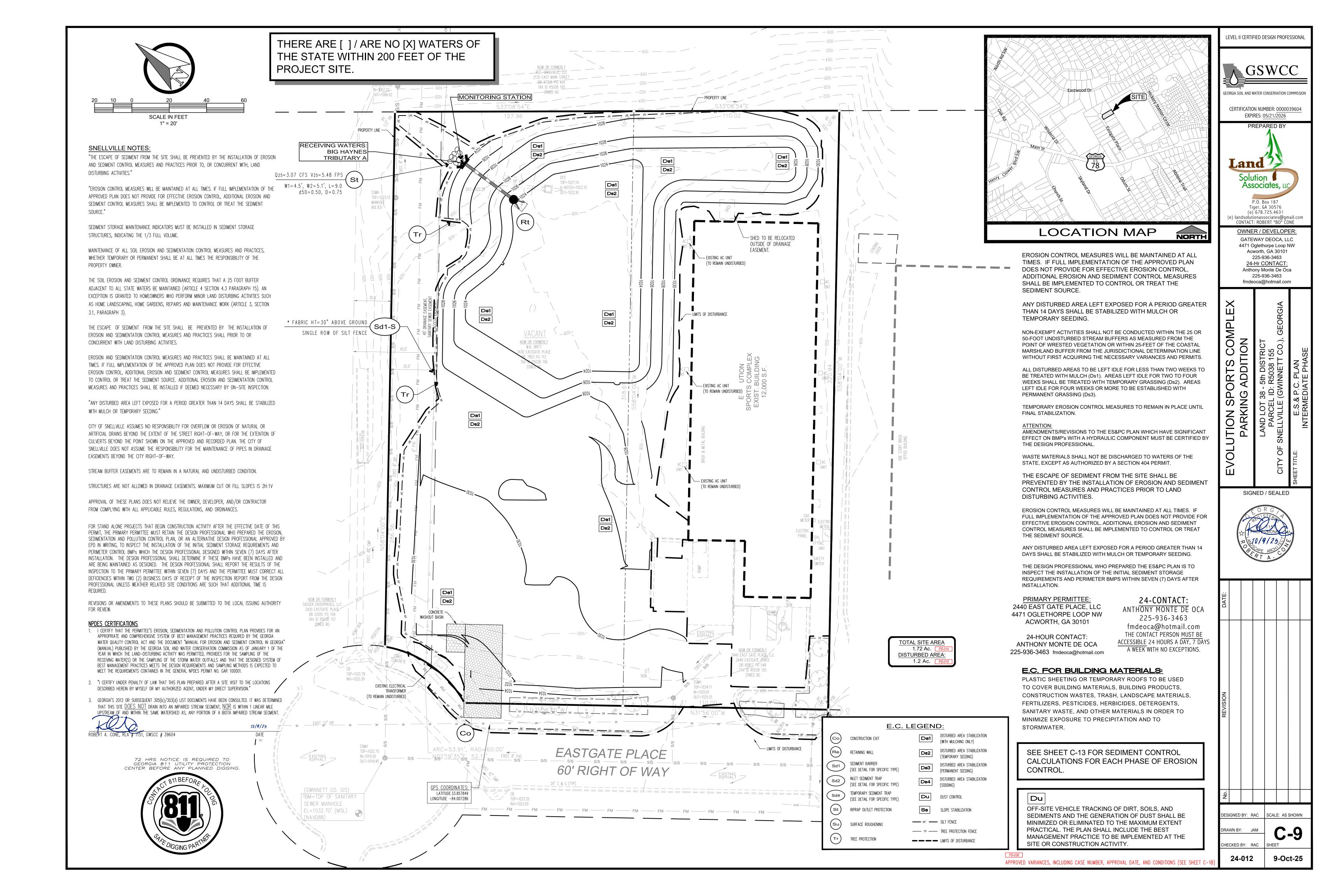
DESIGNED BY: RAC SCALE: AS SHOWN

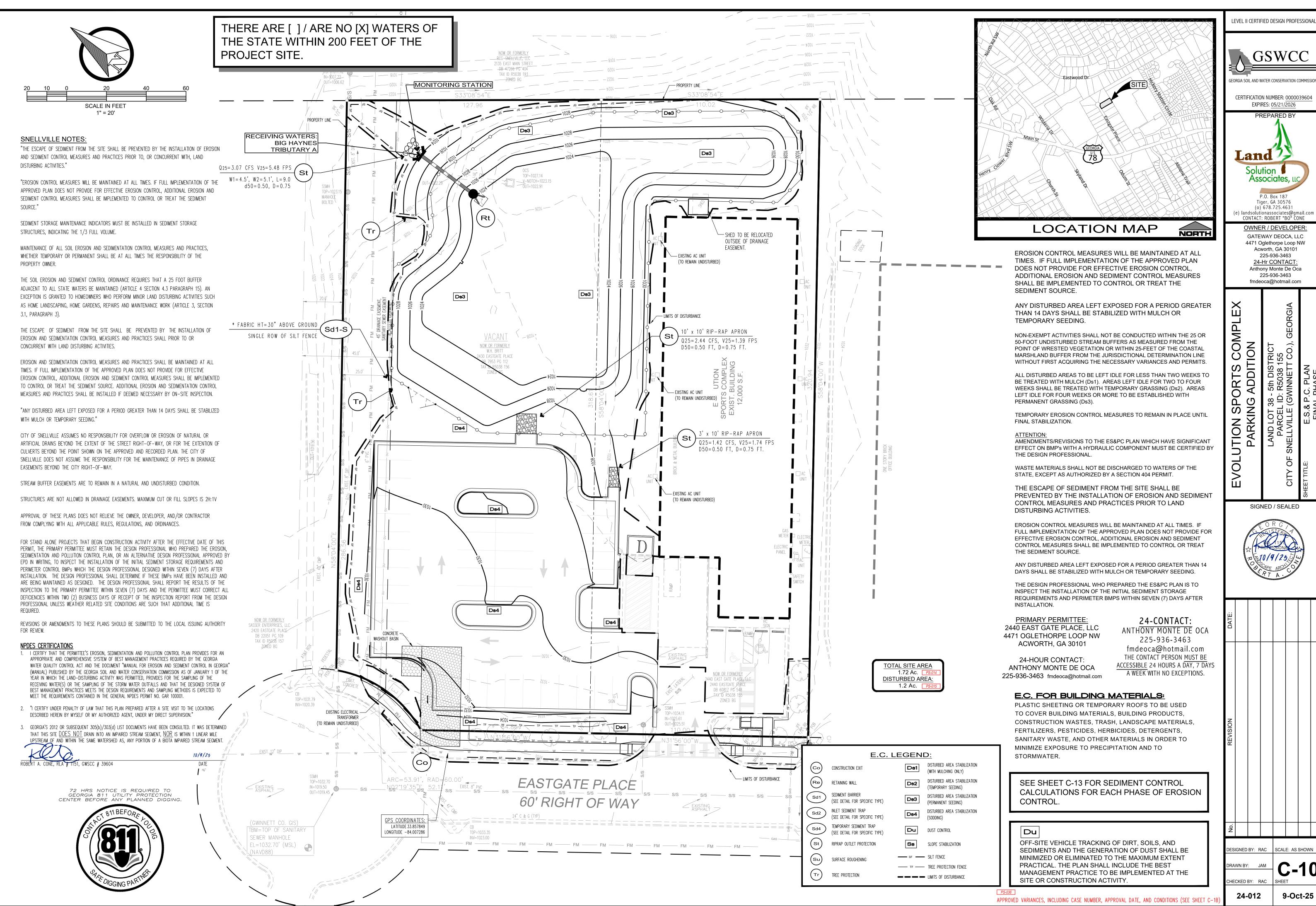
CHECKED BY: RAC SHE

AWN BY: JAM

24-012 9-Oct-25







EORGIA SOIL AND WATER CONSERVATION COMMISSION



e) landsolutionassociates@gmail.com CONTACT: ROBERT "BO" CONE

OWNER / DEVELOPER:

4471 Oglethorpe Loop NW Acworth, GA 30101 Anthony Monte De Oca

fmdeoca@hotmail.com

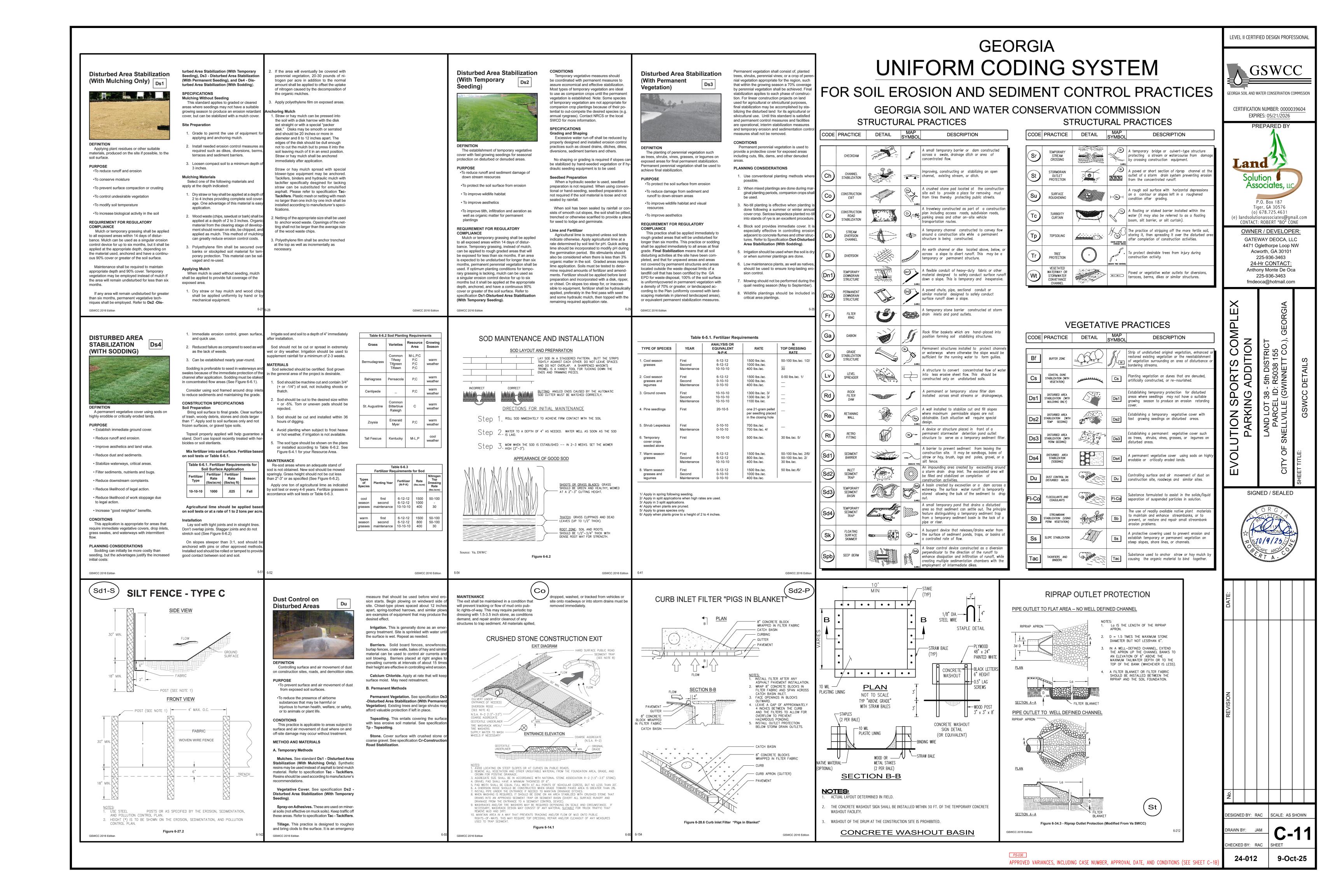


Table 6-4.1 - Temporary Cover or Companion Cover Crops PLANT, PLANTING RATE, AND PLANTING DATE FOR TEMPORARY COVER OR COMPANION CROPS 1

Broadcas	t Rates	Resource Area ³									Remarks				
			Sol	id line									indic	ate	
Rate Per Acre ²			J	F	М	Α	М	J	J	Α	s	0	N	D	
3 bu. (144 lbs)	3.3 lbs	M-L									_				14,000 seed per pound. Winter hardy. Use
1/2 bu. (24lbs)	0.6 lb	Р													on productive soils.
		С													
40 lbs	0.9 lb	M-L													200,000 seed per pound. May volunteer for sev
10 lbs	0.2 lb	Р													eral years. Use inoculant EL.
		С													
4 lbs	0.1 lb	M-L													1,500,000 seed per pound. May last for several
2 lbs	0.05 lb	Р													years. Mix with Sericea lespedeza.
		С													
40 lbs	0.9 lb	M-L					\vdash								
10 lbs	0.2 lb	P C													137,000 seed per pound. Quick dense cover. Will provide excessive competion in mixtures if seeded at high rate.
	3 bu. (144 lbs) 1/2 bu. (24lbs) 40 lbs 10 lbs 2 lbs	3 bu. (144 lbs) 3.3 lbs 1/2 bu. (24lbs) 0.6 lb 40 lbs 0.9 lb 10 lbs 0.2 lb 4 lbs 0.1 lb 2 lbs 0.05 lb	## Pure Live Seed (PLS) Per 1000 sqft 3 bu. (144 lbs) 3.3 lbs M-L 1/2 bu. (24lbs) 0.6 lb P C 40 lbs 0.9 lb M-L 10 lbs 0.1 lb P C 4 lbs 0.1 lb P C 40 lbs 0.9 lb M-L 2 lbs 0.05 lb P C 40 lbs 0.9 lb M-L 40 lbs 0.9 lbs M	## Broadcast Rates	### Broadcast Rates	Rate Per Acre Pure Live Seed (PLS) Per 1000 sqft J F M A M J J A S O	Pure Live Seed (PLS) Per 1000 Sqft M-L 10 lbs 0.9 lb P C C C C C C C C C	Pure Live Seed (PLS) Per 1000 Sqft Sqf							

Species	Broadcas	t Rates	Resource tes Area³ Planting Dates by Resource Area								Remarks					
				Sol	id lin							otted date		indic	cate	
	Rate Per Acre ²	Pure Live Seed (PLS) Per 1000 sqft		J	F	М	А	М	J	J	А	S	0	N	D	
MILLET, PEARL Pennesetum glaucum																
alone	50 lbs	1.1 lbs	M-L P C				 									88,000 seed per pound. Quick dense cover. Mar reach 5 feet in height. Not recommended for mixtures.
OATS Avena sativa																
alone in mixture	4 bu. (128 lbs) 1 bu. (32 lbs)	2.9 lbs 0.7 lb	M-L P C													13,000 seed per pound. Use on productive soils Not as a winter hardy as rye or barley.
RYE Secale cereale																
alone in mixture	3 bu. (168 lbs) 1/2 bu. (28 lbs)		M-L P C													18,000 seed per pound. Quick cover. Drought tolerant and winter hardy.
RYEGRASS, ANNUAL Lolium temulentum																
alone	40 lbs	0.9 lb	M-L P C													227,000 seed per pound. Dense cover. Very corpetitive and is <u>not</u> to be used in mixtures.
SUDANGRASS Sorghum sudanese																
alone	60 lbs	1.4 lbs	M-L P C													55,000 seed per pound. Good on droughty sites Not recommended for mixtures.

Species	Broadcast Rate	s	Resource Area ³	Planting Dates by Resource Area							esoi	urce	Are	Remarks		
				Soi	Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates.											
		Pure Live Seed (PLS) Per 1000 sqft		J	F	M	A	М	J	J	A	s	0	N	D	
TRITICALE X-Triticosecale																
alone in mixture	3 bu. (144 lbs) 1/2 bu. (24 lbs)	3.3 lbs 0.6 lb	С		-											Use on lower part of Southern Coastal Plain and in Atlantic Coastal Flatwoods only.
WHEAT Triticum aestivum																
alone in mixture	3 bu. (180 lbs) 1/2 bu. (30 lbs)	4.1 lbs 0.7 lb	M-L P C													15,000 seed per pound. Winter hardy.

¹Temporary cover crops are very competitive and will crowd out perennials if seeded too heavily ²Reduce seeding rates by 50% when drilled. ³M-L represents the Mountain; Blue Ridge; and Ridges and Valleys MLRAs P represents the Southern Piedmont MLRA C represents Southern Coastal Plan; Sand Hills; Black Lands; and Atlantic Coast Flatwoods MLRAs (see Figure 6-4.1, p. 6-40)

Table 6-5.2- Permanent Cover Crops

PLANT, PLANTING RATE, AND PLANTING DATE FOR PERMANENT COVER 1

Species	Broadcas	Resource Broadcast Rates Area³ Planting Dates by Resource						urce	Are	a		Remarks				
				Sol	id lin							otted dates		s indi	cate	
	Rate Per Acre ²	Pure Live Seed (PLS) Per 1000 sqfi	<u> </u>	J	F	М	Α	М	J	J	A	s	0	N	D	
BAHIA, PENSACOLA Paspalum notatum																
alone or with temporary cover with other perennials	60 lbs	1.4 lbs	Р								 					166,000 seed per pound. Low growing. Sod forming. Slow to establish. Plant with a companion crop. Will spread nto bermuda pastures and awns. Mix with Sericea lespe-
BAHIA, WILMINGTON Paspalum notatum	30 lbs	0.7 lb	С													deza or weeping lovegrass.
alone or with temporary cover	60 lbs	1.4 lb	M-L									ļ				-
with other perennials	30 lbs	0.7 lb	Р							ļ	ļ	. 	ļ			-Same as above.
BERMUDA, COMMON Cynodon dactylon																
Hulled seed			Р													
alone	10 lbs	0.2 lb	С													1,787,000 seed per pound. Quick cover. Low growing and sod forming. Full sun.
with other perennials	6 lbs	0.7 lb														Good for athletic fileds.
BERMUDA, COMMON Cynodon dactylon																
Unhulled seed			_													
with temporary cover	10 lbs	0.2 lb	P													-Plant with winter annuals.
with other perennials	6 lbs	0.1 lb	С											\vdash		Plant with Tall Fescue

Table 6-5.2- Permanent Cover Crops PLANT, PLANTING RATE, AND PLANTING DATE FOR PERMANENT COVER 1

Species	Broadcast Rates	Resource Area ³		F	Plan	ting	Date	es b	y Re	esou	ırce	Area	a		Remarks
			So	lid lin							otted i		indic	ate	
	Pure Live Seed (PLS) Rate Per Acre ² Per 1000 sqft		J	F	М	Α	М	J	J	A	s	0	N	D	
BERMUDA SPRIGS Cynodon dactylon															
Coastal, Common, Midland, or Tift 44	40 cu ft 0.9 cu ft or sod plugs 3' x3'	M-L P													A cubic foot contains approximately 650 sprigs. A bushel contains 1.25 cubic feet or approximately 800 springs.
Coastal, Common, of Tift 44		С													Same as above.
Tift 78		С													Southern Coastal Plain only
CENTIPEDE Eremochloa ophuiroides															
	Block sod only	P C													Drought tolerant. Full sun or partial shade. Effective adjacent to concrete and in concentrated flow areas. Irrigation is needed until fully established. Do not plant near pastures. Winterhardy as far as north Athens and Atlanta
CROWNVETECH Coronilla varia															
with winter annuals or cool season grasses	15 lbs 0.3 lb	M-L P													100,000 seed per pound. Dense growth. Drought tolerant and fire resistant. Attractive rose, pink and white blossoms spring to late fall. Mix with 30 pounds of Tall fescue or 15 pounds of rye. Inoculate see with M inoculant. Use from North Atlanta and Northward

Table 6-5.2- Permanent Cover Crops

PLANT, PLANTING RATE, AND PLANTING DATE FOR PERMANENT COVER 1

Species	Broadcast Rates Resource Area Planting Dates by Resource Area											Remarks				
	Dura this			Sol	id lin	es inc						otted dates		indic	cate	
	Rate Per Acre	Pure Live Seed (PLS) ² Per 1000 sqft		J	F	М	Α	М	J	J	А	s	0	N	D	
FESCUE, TALL Festuca arundinacea																
alone	50 lbs	1.1 lb	M-L P													227,000 seed per pound. Use alone only o better sites. Mix with perennial lespededza or Crownvetch. Apply topdressing in spring following fall plantings. Not for heavy use
with other perennials	30 lbs	0.7 lb	'													areas or athletic fields.
KUDZU Pueraria thumbergiana																
Plants or crowns	3' - 7'	apart	ALL													Rapid and vigorous growth. Excellent in gully erosion control. Will climb. Good livestock forage.
LESPEDEZA SERICEA Lespedeza cuneata		•														3
scarified	60 lbs	1.4 lb	M-L P C M-L						 							350,000 seed per pound. Widely adapted. Low maintenace. Mix with Weeping lovegrass, Common bermuda, bahia, or tall fescue. Takes 2 to 3 years to become fully established. Excellent on roadbanks. Inocu-
unscarified	75 lbs	1.7 lb	P C													late seed with EL inoculant. Mix with Tall fesue or winter annuals.
seed- bearing hay	3 tons	1338 lbs	M-L P C										_			Cut when seed mixture is mature, but be- fore, it shatters. Add Tall fescue or winter annuals.

Table 6-5.2- Permanent Cover Crops

PLANT, PLANTING RATE, AND PLANTING DATE FOR PERMANENT COVER 1

Species	Broadcas	st Rates	Resource Area ³		Р	Plant	ing	Date	es b	y R	esoi	urce	Are	ea		Remarks
				Sol	id line							otted date:		s indi	cate	
	Rate Per Acre	Pure Live Seed (PLS) Per 1000 sqft	1	J	F	М	Α	М	J	J	A	s	0	N	D	
LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don)																
scarified	60 lbs	1.4 lb	M-L P C													300,000 seed per pound. Height of growth is 18 to 24 inches. Advantageous in urban areas. Spreading-type growth. New growth has bronze coloration. Mix with weeping lovegrass, common bermuda, bahia, tall fescue or winter annuals. Do not mix with Sericea
unscarified	75 lbs	1.7 lb	P '													lespedeza. Slow to develop solid stands. Inoculate seed with EL inoculant.
LESPEDEZA, SHRUB Lespedeza bicolor Lespedeza thumbergii																
plants	3'>	(3'	M-L ·			_								_		Provide wildlife food and cover.
LOVEGRASS, WEEPING Eragrostis curvula																
alone	4 lbs	0.1 lb	M-L P		-				-							1,500,000 seed per pound. Quick cover. Drought tolerant. Grows well with Sericea
with other perennials	2 lbs	0.05 lb	C					<u> </u>								lespedeza on roadbanks.

Table 6-5.2- Permanent Cover Crops

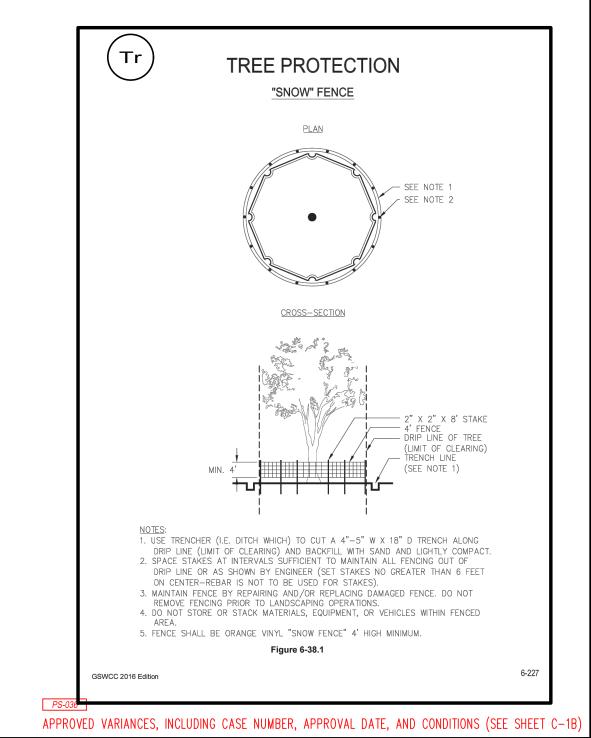
PLANT, PLANTING RATE, AND PLANTING DATE FOR PERMANENT COVER 1

Species	Broadcast	Rates	Resource Area ³		F	Plant	ting	Date	es b	y Re	esol	urce	Are	а		Remarks
				Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates.												
		Pure Live Seed (PLS) Per 1000 sqfi		J	F	М	А	М	J	J	A	s	0	N	D	
MAIDENCANE Panicum hemitomon																
sprigs	2' x 3' spacing	ALL														For very wet sites. May clog channels. Dig sprigs from local sources. Use along river banks and shorelines.
PANICGRASS, ATLANTIC COASTAL Panicum amarum var amarukum																
	20 lbs	0.5 lb	P C													Grows well on coastal sand dunes, borrow areas, and gravel pits. Provides winter cover for wildlife. Mix with Sericea lespedeza exce on sand dunes.
REED CANARY GRASS Phalaris arundinacea																
alone	50 lbs	1.1 lb	M-L								<u> </u>		├			
with other perrenials	30 lbs	0.7 lb	Р										<u> </u>			Grows similar to Tall fescue
SUNFLOWER, 'AZTEC' MAXIMILLIAN Helianthus maximiliani																
	10 lbs	0.2 lb	M-L P C													227,000 seed per pound. Mix with Weeping lovegrass or other low-grwoing grasses or legumes.

1 Reduce seeding rates by 50% when drilled2 PLS is an abbreviation for Pure Live Seed. Refer to Section V.E. of these specifications.

3 M-L represents to Mountain; Blue Ridge; and Ridges and Valleys MLRAs

P represents the Southern Piedmont MLRA C represents the Souther Coastal Plain; Sand Hills; Black Lands; and Atlantic Coast Flatwoods MLRAs. See Figure 6-4.1



LEVEL II CERTIFIED DESIGN PROFESSIONAL

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

CERTIFICATION NUMBER: 0000039604 EXPIRES: 05/21/2026

PREPARED BY Associates, L P.O. Box 187 Tiger, GA 30576

(o) 678.725.4631 (e) landsolutionassociates@gmail.com CONTACT: ROBERT "BO" CONE OWNER / DEVELOPER: GATEWAY DEOCA, LLC

4471 Oglethorpe Loop NW Acworth, GA 30101 225-936-3463 24-Hr CONTACT: Anthony Monte De Oca 225-936-3463

fmdeoca@hotmail.com EVOLUTION SPORTS COMPLEX
PARKING ADDITION

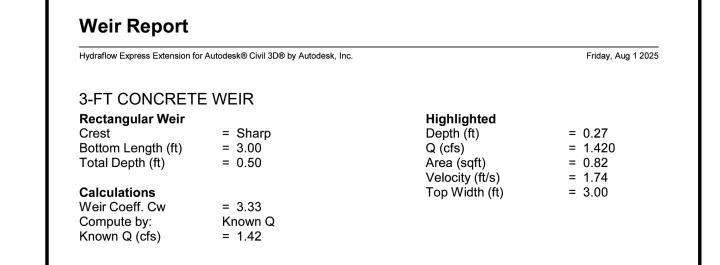
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PARCEL ID: R5038 155

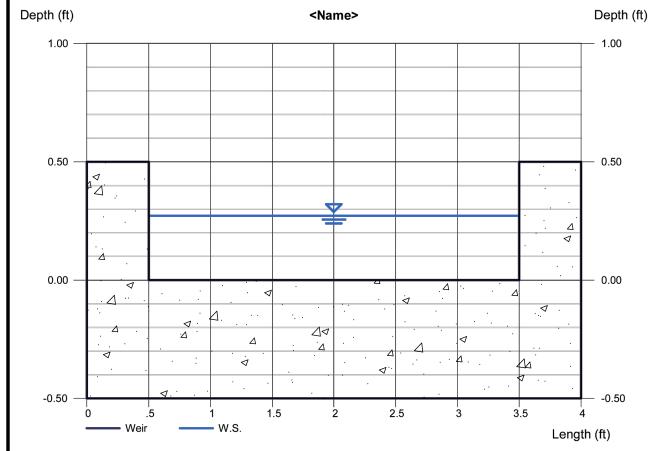
CITY OF SNELLVILLE (GWINNETT CO.), GEORGIA

SIGNED / SEALED

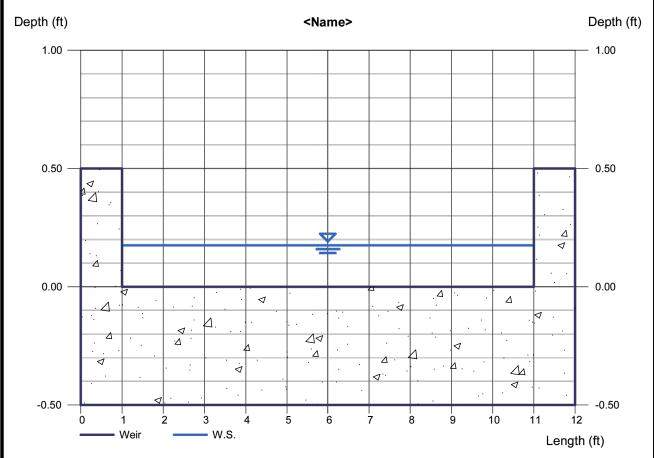
ESIGNED BY: RAC | SCALE: AS SHOWN RAWN BY: JAM

HECKED BY: RAC 9-Oct-25





Hydraflow Express Extension for	Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.						
10-FT CONCRET	E WEIR						
Rectangular Weir		Highlighted					
Crest	= Sharp	Depth (ft)	= 0.17				
Bottom Length (ft)	= 10.00	Q (cfs)	= 2.440				
Total Depth (ft)	= 0.50	Area (sqft)	= 1.75				
		Velocity (ft/s)	= 1.39				
Calculations		Top Width (ft)	= 10.00				
Weir Coeff. Cw	= 3.33						
Compute by:	Known Q						
Known Q (cfs)	= 2.44						



TEMPORARY SEDIMENT CONTROL:

THIS PROJECT HAS 1.2 ACRES OF TOTAL DISTURBANCE WITH 0 ACRES OF OFF-SITE DRAINING THROUGH THE PROPOSED DISTURBED AREA. THERE IS 2.44 ACRES DRAINING THROUGH THE DETENTION POND SINCE IT IS A MASTER DETENTION POND.

PHASE 1:
TREES TO BE REMOVED ALONG WITH A SMALL PORTION OF CURB & GUTTER FROM 2440 EASTGATE PLACE AS WELL AS CURB & GUTTER ALONG THE CUL-DE-SAC. GRADING OCCURS DURING PHASE 2 TO CONSTRUCT THE PARKING LOT. ALL CONSTRUCTION DEBRIS MUST BE HAULED OFF TO AN APPROVED LANDFILL.

THE PARKING LOT WILL BE CONSTRUCTED DURING PHASE 2.

IN PHASE 3 ALL LANDSCAPED AREAS SHOULD BE ESTABLISHED.

TEMPORARY SEDIMENT STORAGE - TOTAL CALCULATION:

THE TOTAL TEMPORARY SEDIMENT STORAGE REQUIRED IS 67 CUBIC YARDS PER DRAINAGE ACRE. THIS PROJECT HAS 2 SEPARATE STRUCTURAL DEVICES FOR TEMPORARY SEDIMENT STORAGE. A RETROFIT WILL BE INSTALLED WITHIN THE DETENTION POND AT THE OUTLET CONTROL STRUCTURE. THE REMAINING DISTURBED AREAS WILL BE TREATED WITH SILT FENCE. 67 C.Y. x 2.44 AC. = 163.48 C.Y.

163	3.48 C.Y. PROVIDED IN I	DETENTION PO	OND		
48	3.10 C.Y. PROVIDED w /	SILTFENCE			
211	1.58 C.Y. PROVIDED >	163.48	C.Y. REQUIRED		
TEMPO	DRARY SEDIMENT	STORAGE	- RETROFIT CALCULATION	l	
STORAGE (CALCULATIONS				
	1 REQUIRED STORMWATER	r storage:		778	С.
1	(AS DETERMINED BY L	OCAL ORDINANCE)		
1	2 REQUIRED SEDIMENT S	TORAGE:		163.48	С.
1	(67 C.Y./Ac. *	2.44	Ac DISTURBED AREA)		

3 TOTAL REQUIRED STORAGE 778 + 163.48 = 941.48 C.Y. 4 AVAILABLE STORAGE 5 IS THE AVAILABLE STORAGE GREATER THAN THE TOTAL REQUIRED STORAGE? X YES 6 IF "NO", THE SEDIMENT STORAGE CAPACITY OF THE POND MUST BE INCREASED. CHOOSE THE METHOD TO BE USED: RAISE THE INVERT OF THE OUTLET STRUCTURE UNDERCUT THE POND 7 CLEAN-OUT ELEV. = 1023.70 FEET 8 ISTHE LENGTH-WIDTH RATIO 2:1 OR GREATER? 9 IF "NO", THE LENGTH OF FLOW MUST BE INCREASED. CHOOSE THE METHOD TO BE USED: BAFFLES (TYPE OF BAFFLE:

NOTE THE CMP DIAMETER AND HEIGHT IF A HALF-ROUND CMP RETROFIT IS TO BE USED. DIAMETER= 24 INCHES

TEMPORARY SEDIMENT STORAGE - SILT FENCE CALCULATION

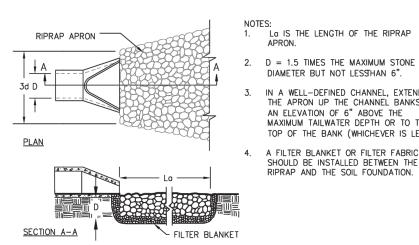
1.25' SEDIMENT HEIGHT x 3.75' LENGTH w / 3:1 BACKSLOPE. $(1.25 \times 3.75)/2 = 2.34 \text{ S.F. AREA PER LINAR FOOT}$

FENCE HEIGHT 3:1 BACKSLOPE 1.25' SEDIMENT_ $0.98 \text{ (ACRE) } \times 67 \text{ (C.Y./ACRES)} = 0 \text{ C.Y. } \times (27 \text{ C.F./ 1.C.Y.}) = 0 \text{ C.F.}$

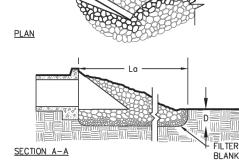
0 C.F. / 2.34 S.F. = 0 L.F. REQUIRED 2.34 S.F. x 555 L.F. = 1298.70 C.F. PROVIDED > O C.F. REQUIRED

GSWCC 2016 Edition

RIPRAP OUTLET PROTECTION



PIPE OUTLET TO WELL DEFINED CHANNEL RIPRAP APRON



GSWCC 2016 Edition

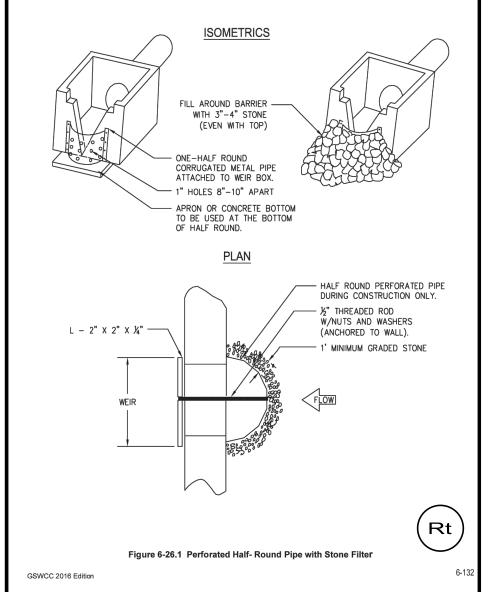
DIDE OLITLET TO ELAT AREA ... NO WELL DEFINED CHANNEL

PIPE OUTLET TO) FLAT AREA NO WELL [<u> EFII</u>	NED CHANNEL
RIPRAP APRON T		NOTI	La IS THE LENGTH OF THE RIPRAP
			APRON.
↑ A	A	2.	D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESSHAN 6".
3d D		3.	IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
<u>PLAN</u>	- 4400		,
4 9 4 9 4 4 4	Lo	4.	A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.
		į Ī	
SECTION A-A	FILTER BLANKET		

<u>PLAN</u>	
SECTION A-A	Lo D FILTER BLANKET
	Figure 6-34.3 - Riprap Outlet Protection (

(Modified From Va SWCC)

PERFORATED HALF-ROUND PIPE WITH STONE FILTER



EVOLUTION SPORTS COMPLEX
PARKING ADDITION
LAND LOT 38 - 5th DISTRICT
PARCEL ID: R5038 155
CITY OF SNELLVILLE (GWINNETT CO.), GEORGIA GSWCC RIP-RAP CHART (FROM GREEN BOOK Pg. 6-261) PIPE DIAMETER, Do (IN) 3.07 TAILWATER CONDITION <0.5Do 9.0 4.5 WIDTH @ HW, W1 (FT) DOWNSTREAM WIDTH, W2 (FT) AVG. STONE SIZE (d50) 0.50

FLOW RATE, Q (CFS)

VELOCITY, V (FPS)

RIP-RAP APRON LENGTH, La (FT)

STONE DEPTH (D)

St

SIGNED / SEALED

LEVEL II CERTIFIED DESIGN PROFESSIONAL

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

CERTIFICATION NUMBER: 0000039604 EXPIRES: 05/21/2026

Associates, L

P.O. Box 187

Tiger, GA 30576

(o) 678.725.4631 (e) landsolutionassociates@gmail.com CONTACT: ROBERT "BO" CONE

OWNER / DEVELOPER:

GATEWAY DEOCA, LLC

4471 Oglethorpe Loop NW

Acworth, GA 30101

225-936-3463

24-Hr CONTACT:

Anthony Monte De Oca

225-936-3463

fmdeoca@hotmail.com

SCALE: AS SHOWN ESIGNED BY: RAC RAWN BY: JAM

HECKED BY: RAC 9-Oct-25

