

FULTON COUNTY DEPARTMENT OF PUBLIC WORKS TECHNICAL SERVICES DIVISION



CAMPBELLTON ROAD PUMP STATION AND FORCE MAIN 100% DESIGN SUBMITTAL 02/25/2026

OWNER: FULTON COUNTY DEPARTMENT OF PUBLIC WORKS
TECHNICAL SERVICES DIVISION
CONTACT: TIMOTHY MULLEN, P.E., GA 17357
141 PRYOR STREET, S.W., SUITE 6001
ATLANTA, GA 30303
PHONE: 404-612-2804

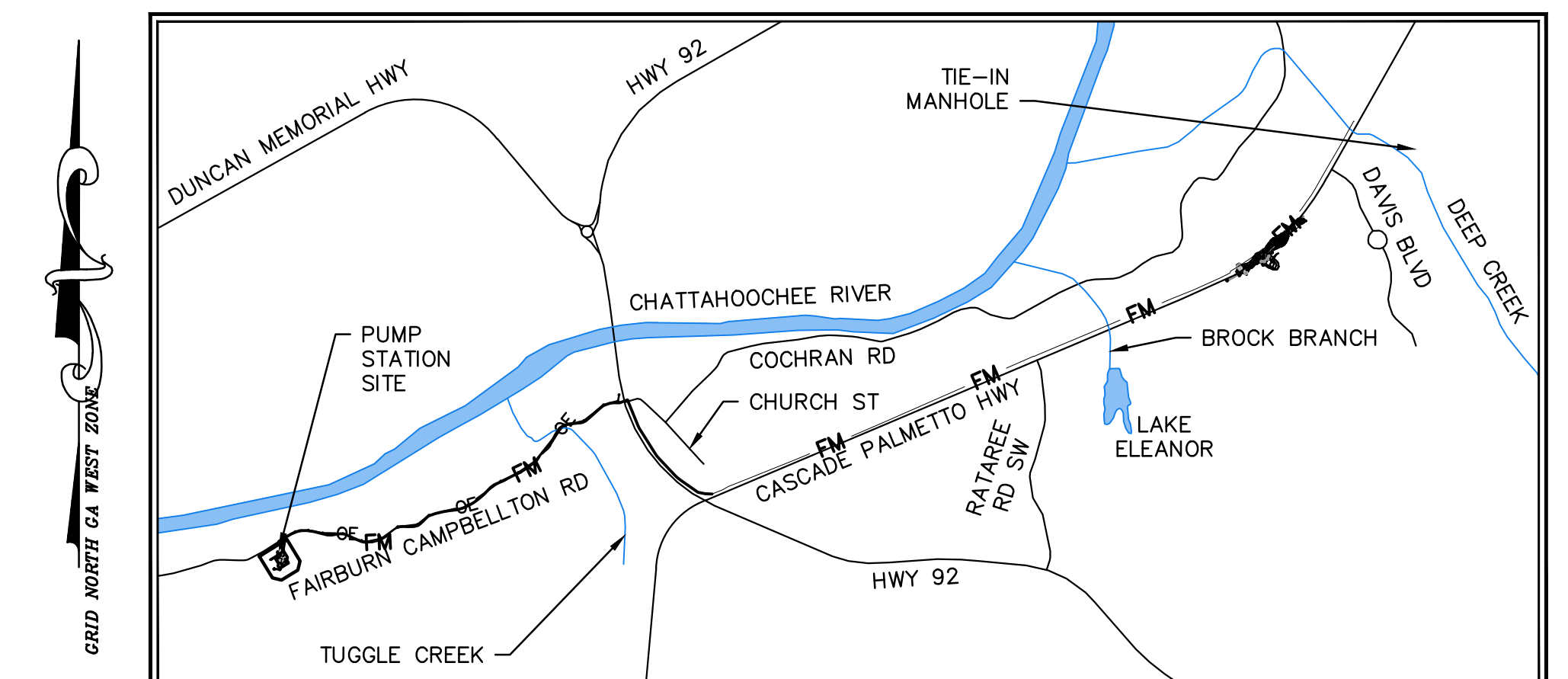
DESIGN ENGINEER: PRIME ENGINEERING, INC.
CONTACT: KALYN KEENEY, P.E.
3175 NORTHSIDE PKWY NW
BUILDING 300, SUITE 200
ATLANTA, GA 30327
PHONE: 404-425-7100
EMAIL: KKEENEY@PRIME-ENG.COM

24 HR. EMERGENCY CONTACT

TIMOTHY MULLEN, P.E., GA 17357
GSWCC LEVEL 1A, 1B, II 0000015137
TIMOTHY.MULLEN@FULTONCOUNTYGA.GOV
404-234-4323

NOTES:

- NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS.
- ALL CONSTRUCTION MUST CONFORM TO THE CITY OF CHATTAHOOCHEE HILLS, CITY OF SOUTH FULTON, AND FULTON COUNTY STANDARDS.
- PRIOR TO COMMENCING ANY LAND DISTURBING ACTIVITY ONSITE, A PRE-CONSTRUCTION MEETING MUST BE HELD WITH THE CITY'S DEVELOPMENT INSPECTOR, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH TREE SAVE FENCE, AND SHALL REMAIN MARKED THROUGHOUT CONSTRUCTION, UNTIL FINAL STABILIZATION.
- ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCING CONSTRUCTION AND SHALL BE MAINTAINED AND IN PROPER WORKING ORDER UNTIL ALL DISTURBED AREAS ARE STABILIZED.
- A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND RIVER CORRIDOR CERTIFICATE/PERMIT SHALL BE PRESENT ONSITE WHENEVER LAND DISTURBING ACTIVITY IS IN PROGRESS.
- A FINAL ON-SITE INSPECTION BY THE DIRECTOR OF THE DEPARTMENT OF COMMUNITY DEVELOPMENT OR HIS/HER DESIGNEE IS REQUIRED PRIOR TO THE RELEASE OF THE CERTIFICATE OF OCCUPANCY. A CERTIFIED AS-BUILT SURVEY MAY BE REQUIRED.
- THE CITY OF CHATTAHOOCHEE HILLS HAS THE FOLLOWING WORK HOURS AND NOISE RESTRICTIONS:
MONDAY-FRIDAY: 7AM TO 7PM
SATURDAY: 9AM TO 5PM
SUNDAY: NO WORK IS TO BE DONE
- THE CITY OF SOUTH FULTON HAS THE FOLLOWING WORK HOURS AND NOISE RESTRICTIONS:
WITHIN 1000 FT OF OCCUPIED RESIDENCE
MONDAY-FRIDAY: 7:30AM TO 7:30PM
SATURDAY: 8:30AM TO 5PM
SUNDAY: NONE
MORE THAN 1000 FT FROM ANY OCCUPIED RESIDENCE
MONDAY-FRIDAY: 7:30AM TO 10:00PM
SATURDAY: 8:30AM TO 6PM
SUNDAY: NONE



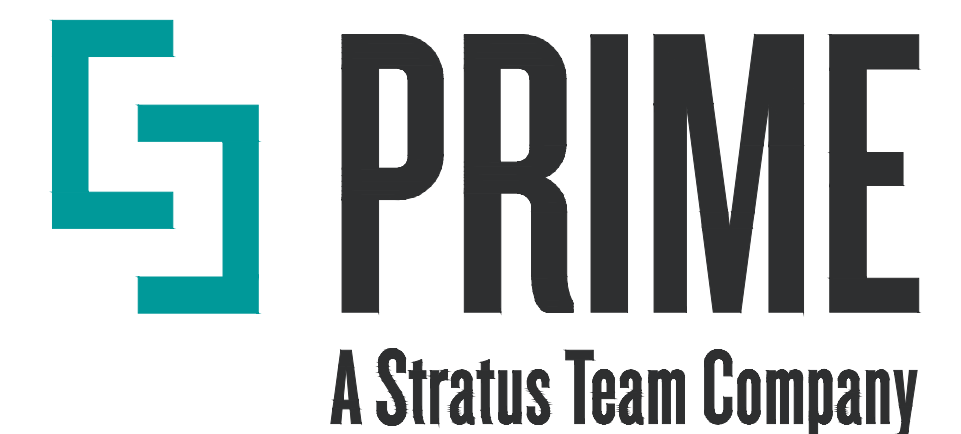
VICINITY MAP

SCALE: 1"=2000'

BOARD OF COMMISSIONERS

ROBERT PITTS, CHAIRMAN
BRIDGET THORNE (DISTRICT 1)
BOB ELLIS (DISTRICT 2)
DANA BARRETT (DISTRICT 3)
MO IVORY (DISTRICT 4)
MARVIN S. ARRINGTON, JR. (DISTRICT 5)
KHADIJAH ABDUR-RAHMAN, VICE CHAIRMAN (DISTRICT 6)

REVISIONS		
NO.	DATE	DESCRIPTION
A	11/13/24	30% DESIGN SUBMITTAL
B	12/20/24	30% DESIGN RESUBMITTAL
C	01/17/25	60% DESIGN SUBMITTAL
D	02/28/25	80% DESIGN SUBMITTAL
E	02/25/26	100% DESIGN SUBMITTAL



PROJECT NUMBER: 2024-0394

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PROJECT SITE INFORMATION

DESIGN PROFESSIONAL LEVEL II CERTIFICATION

NAME: KALYN L. KEENEY
LEVEL II CERT. #: 056993
EXPIRATION: 01/21/2027
PHONE NUMBER: (404) 425-7100

PRIMARY PERMITEE CONTACT INFORMATION

NAME: TIMOTHY MULLEN, P.E.
PHONE NUMBER: (404) 234-4323
(770) 298-8480
EMAIL: TIMOTHY.MULLEN@FULTONCOUNTYGA.GOV

PROJECT AREA:

TOTAL PROJECT AREA = ±9.42 ACRES
TOTAL DISTURBED AREA = ±6.77 ACRES

PROJECT LOCATION:

ADDRESS OR INTERSECTION: FAIRBURN CAMPBELLTON ROAD
LAND LOT: 27, 28, 36, 37, 38, 39, 42, 43
DISTRICT: 9TH DISTRICT C
LAT: 33° 38' 52.8" N 33° 39' 50.0" N
LONG: 84° 41' 18.8" W 84° 38' 16.3" W

PROJECT DESCRIPTION:

THE ATTACHED DESIGN DOCUMENTS ARE FOR THE CAMPBELLTON ROAD PUMP STATION AND FORCE MAIN TO CONSTRUCT A NEW SANITARY SEWER LIFT STATION AND APPROXIMATELY 27,500 LF OF 18-INCH HDPE FORCE MAIN LINE.

EXISTING SITE CONDITIONS:

THE EXISTING SITE IS WITHIN PRIVATE PROPERTY AND THE RIGHT-OF-WAY OF CITY ROADS WITH RESIDENTIAL PROPERTIES ALONG ITS RIGHT-OF-WAY.

ADJACENT PROPERTIES:

THE ADJACENT PROPERTIES MOSTLY CONSIST OF RESIDENTIAL AREAS ALONG THE RIGHT-OF-WAY. THE PROPOSED CONSTRUCTION ACTIVITIES ARE COMPATIBLE WITH THE SURROUNDING ENVIRONMENT.

DRAINAGE BASIN:

THE RECEIVING WATERS ARE CHATTAHOOCHEE RIVER, UNNAMED TRIBUTARY OF THE CHATTAHOOCHEE RIVER, MILL BRANCH CREEK, TUGGLE CREEK, BROOK CREEK, AND DEEP CREEK.

TMDL IMPLEMENTATION PLAN:

TMDL FOR MILL BRANCH CREEK COMPLETED FC 2002.
TMDL FOR MILL DEEP CREEK COMPLETED BIO F 2002.

NATURE OF CONSTRUCTION ACTIVITIES/PROPOSED SITE CONDITIONS:

THE PROPOSED SITE CONDITIONS WILL INCLUDE THE INSTALLATION OF A NEW SANITARY SEWER LIFT STATION AND FORCE MAIN LINE. THE SITE CONDITIONS WILL NOT BE ALTERED FROM THE EXISTING. ALL DISTURBED PAVEMENT AND LANDSCAPING WILL BE REPLACED IN KIND.

CRITICAL/SENSITIVE AREAS & BUFFERED STATE WATERS:

THERE ARE BUFFERED STATE WATERS LOCATED WITHIN THE PROJECT AREA OR WITHIN 200 FT OF THE PROJECT.

NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

EXCEPT AS PROVIDED IN PART IV.(III). IN THE NPDES PERMIT, NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 25 FOOT BUFFER ALONG THE BANKS OF ALL STATE WATERS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, EXCEPT WHERE THE DIRECTOR HAS DETERMINED TO ALLOW A VARIANCE THAT IS AT LEAST AS PROTECTIVE OF NATURAL RESOURCES AND THE ENVIRONMENT IN ACCORDANCE WITH THE PROVISIONS OF O.C.G.A. 12-7-6, OR WHERE A DRAINAGE STRUCTURE OR A ROADWAY DRAINAGE STRUCTURE MUST BE CONSTRUCTED, PROVIDED THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED IN THE PROJECT PLANS AND SPECIFICATIONS AND ARE IMPLEMENTED, OR ALONG ANY EPHEMERAL STREAM, OR WHERE BULKHEADS AND SEAWALLS MUST BE CONSTRUCTED TO PREVENT THE EROSION OF THE SHORELINE ON LAKE OCOEE AND LAKE SINCLAIR. THE BUFFER SHALL NOT APPLY TO THE ACTIVITIES PROVIDED IN PART IV (I) OF THE NPDES PERMIT THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED INTO THE PROJECT PLANS AND SPECIFICATIONS ARE IMPLEMENTED.

NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 50 FOOT BUFFER, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, ALONG THE BANKS OF ANY STATE WATERS CLASSIFIED AS 'TROUT STREAMS' EXCEPT WHEN APPROVAL IS GRANTED BY THE DIRECTOR FOR ALTERNATE BUFFER REQUIREMENTS IN ACCORDANCE WITH THE PROVISIONS OF O.C.G.A. 12-7-6, OR WHERE A ROADWAY DRAINAGE STRUCTURE MUST BE CONSTRUCTED, PROVIDED, HOWEVER, THAT SMALL SPRINGS AND STREAMS CLASSIFIED AS 'TROUT STREAMS' WHICH DISCHARGE AN AVERAGE ANNUAL FLOW OF 25 GALLONS PER MINUTE OR LESS SHALL HAVE A 25 FOOT BUFFER OR THEY MAY BE PIPED, AT THE DISCRETION OF THE PERMITEE, PURSUANT TO THE TERMS OF A RULE PROVIDING FOR A GENERAL VARIANCE PROMULGATED BY THE BOARD OF NATURAL RESOURCES INCLUDING NOTIFICATION OF SUCH TO EPD AND THE LOCAL ISSUING AUTHORITY OF THE LOCATION AND EXTENT OF THE PIPING AND PRESCRIBED METHODOLOGY FOR MINIMIZING THE IMPACT OF SUCH PIPING AND FOR MEASURING THE VOLUME OF WATER DISCHARGED BY THE STREAM. ANY SUCH PIPE MUST STOP SHORT OF THE DOWNSTREAM PERMITEE'S PROPERTY, AND THE PERMITEE MUST COMPLY WITH THE BUFFER REQUIREMENT FOR ANY ADJACENT TROUT STREAMS. THE BUFFER SHALL NOT APPLY TO THE FOLLOWING ACTIVITIES PROVIDED THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED INTO THE PROJECT PLANS AND SPECIFICATIONS ARE IMPLEMENTED

EXCEPT AS PROVIDED PART IV (I) OF THE NPDES PERMIT AS EXCEPTIONS, FOR BUFFERS REQUIRED PURSUANT TO PART IV.(I), AND (II), NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A BUFFER AND A BUFFER SHALL REMAIN IN ITS NATURAL, UNDISTURBED, STATE OF VEGETATION UNTIL ALL LANDDISTURBING ACTIVITIES ON THE CONSTRUCTION SITE ARE COMPLETED. DURING COVERAGE UNDER THIS PERMIT, A BUFFER CANNOT BE THINNED OR TRIMMED OF VEGETATION AND A PROTECTIVE VEGETATIVE COVER MUST REMAIN TO PROTECT WATER QUALITY AND AQUATIC HABITAT AND A NATURAL CANOPY MUST BE LEFT IN SUFFICIENT QUANTITY TO KEEP SHADE ON THE STREAM BED.

STREAM IMPAIRMENT:

THIS SITE DOES DRAIN INTO AN IMPAIRED STREAM. ANY CONSTRUCTION ACTIVITY WHICH DISCHARGES STORM WATER INTO AN IMPAIRED STREAM SEGMENT, OR WITHIN 1 LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF AN BIOTA IMPAIRED STREAM SEGMENT MUST COMPLY WITH PART III. C. OF THE PERMIT.

HYDROLOGIC CONDITIONS:

FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE SOIL SURVEY FOR THE AREA, THE SOIL SERIES PRESENT AT THE SITE VARY. EACH OF THESE SOIL TYPES IS CLASSIFIED FOR DRAINAGE AS SHOWN IN THE SOILS CHART ON DRAWING SHEET NUMBER EC-005. SINCE THERE IS NO INCREASE IN STORM WATER RUNOFF, A HYDRAULIC ANALYSIS IS NOT PROVIDED. STORM WATER RUNOFF IS COLLECTED BY STORM DRAINAGE INLETS, PIPES, AND DRAINAGE DITCHES LOCATED IN THE ROAD RIGHT-OF-WAY.

PROJECT RUNOFF COEFFICIENTS:

PRE-CONSTRUCTION CN: 72
POST-CONSTRUCTION CN: 72
ADDITIONAL IMPERVIOUS AREA IS PROPOSED AS PART OF THIS PROJECT THEREFORE A HYDROLOGIC ANALYSIS WAS PERFORMED.

EROSION, SEDIMENTATION, & POLLUTION CONTROL NARRATIVE

PRE-CONSTRUCTION PLANNING:

I. GENERAL:

THE INTENT OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL NARRATIVE AND PLAN IS TO MEET AND/OR EXCEED THE REQUIREMENTS FOR PREVENTING, OR CONTROLLING EROSION, SILTATION AND POLLUTION OFF SITE. THE MEASURES INDICATED ARE THE ENGINEERS' BEST ESTIMATE OF THE REQUIREMENTS NEEDED TO MEET THE STATE REQUIREMENTS. MORE DEVICES MAY BE NEEDED DEPENDING ON THE SITE CONDITIONS, SEASONS, ETC. THE CONTRACTOR SHALL INSTALL ADDITIONAL MEASURES AS NECESSARY TO COMPLY WITH THIS INTENT AND MEET THE STATE REQUIREMENTS.

A. THIS EROSION, SEDIMENTATION & POLLUTION CONTROL NARRATIVE WITH ALL EROSION CONTROL PLANS AND DETAILS SHALL BE KEPT AND MAINTAINED ON-SITE. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH EXISTING LAWS AND ORDINANCES WITHIN THE CONSTRUCTION DOCUMENTS.

THE LOCATION OF EROSION AND SEDIMENT CONTROL DEVICES ARE SHOWN ON THE PROPOSED PLANS.

B. EXISTING TOPOGRAPHY IS SHOWN ON THE PLANS AND PROFILES INCLUDED HEREIN. NO CHANGES ARE PROPOSED FOR THIS PROJECT.

C. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.

D. POTENTIAL POLLUTION SOURCES IN STORMWATER WILL BE OILS, GRITS, AUTOMOTIVE CHEMICALS AND OTHER SUSPENDED SOLIDS GENERATED DURING THE FIRST FLUSH RAINFALL ON THE PAVED AND NON-PAVED SURFACES. IT IS TREATED BY BEING HELD BACK WITHIN THE PIPE AND SUB-BASE LAYER BY WATER QUALITY ORIFICE HOLES DRILLED INTO CAPS ON THE INLET PIPES OF STORM DRAIN STRUCTURES. THE ADDITIONAL DETENTION TIME ALLOWS SUSPENDED SOLIDS IN THE STORMWATER TO SETTLE OUT.

E. PLANNED PHASES OF CONSTRUCTION:

- 1. PAVEMENT DEMOLITION & TRENCH EXCAVATION
2. UTILITY INSTALLATION
3. PAVEMENT REPLACEMENT, FINAL LANDSCAPING AND GRASSING

F. EROSION CONTROL MEASURES INCLUDE BUT NOT LIMITED TO:

- 1. SILTATION FENCING: Sd1-S
2. SEDIMENT TRAP: Sd2-P & Sd2-F
3. MULCHING: DS1
4. TEMPORARY SEEDING: DS2
5. SODDING: DS4

G. SOIL SERIES AND DELINEATION FOR THIS SITE ARE SHOWN ON SHEET EC-005.

NOTE: A NOTICE OF INTENT AND A NOTICE OF TERMINATION SHALL BE FILED WITH GEORGIA E.P.D. INSPECTIONS BY A QUALIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITEE AND THE ASSOCIATED RECORDS SHALL BE KEPT ON SITE IN COMPLIANCE WITH NPDES PERMIT NO. GAR 100002.

II IMPLEMENTATION:

A. PLANNED CONSTRUCTION PHASING AND REQUIRED SPECIFIC SEDIMENT AND EROSION CONTROL MEASURES.

1. PHASE 1 CLEARING AND ROAD CUTS: REMOVING TREES, DEBRIS, CUTTING PAVEMENT AND EXCAVATION OF A BORING PIT WILL BE THE FIRST OPERATION ON THE SITE. TO ACCOMPLISH THIS WORK EQUIPMENT AND TRUCKS WILL BE ON SITE, WORKING IN AND AROUND DITCHES, CREEKS AND WATERWAYS MAY BE REQUIRED. THE FOLLOWING WILL APPLY DURING THIS PHASE.

- 1.a. CONSTRUCTION OF A STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS REQUIRED BY THE EROSION CONTROL PLAN TO PREVENT OR CONTROL SILT FROM BEING DEPOSITED ON ROADWAYS AND LEAVING THE SITE.
1.b. SILT FENCES SHALL BE INSTALLED ON ALL SIDES OF THE SITE WHERE RUNOFF FROM THE AREA WILL LEAVE THE SITE OR ENTER A STREAM OR DITCH.
1.c. TREE FENCE SHALL BE INSTALLED PRIOR TO CONSTRUCTION
1.d. ALL DEBRIS WILL BE KEPT AWAY FROM DITCHES AND STREAMS SO RUN-OFF ACCUMULATING IN THE DITCHES AND STREAMS WILL NOT CARRY DEBRIS DOWNSTREAM.
1.e. ALL DITCHES AND WATERWAYS WILL BE PROTECTED TO THE EXTENT POSSIBLE.
1.f. SILT FENCING, TREE FENCING, SEDIMENT TRAPS, AND CHECK DAMS SHALL BE INSTALLED WHERE SHOWN ON THE PLANS IN ACCORDANCE WITH DETAILS SHOWN TO CATCH RUNOFF AND FILTER PRIOR TO DISCHARGE FROM THE SITE.
1.g. SILT FENCING AND TREE FENCING SHALL BE PLACED AROUND STOCKPILE AREAS AS NECESSARY TO PREVENT OR CONTROL SILT WASH-OFF FROM THE SITE.

2. PHASE 2 FORCE MAIN LINE INSTALLATION: THIS PHASE WILL BE DONE AFTER THE CLEARING AND GRUBBING PHASE. WATERLINES SHALL BE INSTALLED AND PUT INTO SERVICE AS EARLY AS POSSIBLE. THE FOLLOWING WILL APPLY TO THIS PHASE OF CONSTRUCTION:

- 2.a. ALL ASPECTS OF THE PREVIOUS PHASES SHALL BE MAINTAINED AS APPLICABLE.
2.b. ADDITIONAL SILT FENCING AND TREE FENCING SHALL BE INSTALLED AS NECESSARY TO PREVENT OR CONTROL EROSION AND SILTATION RESULTING FROM STOCKPILED EXCAVATION MATERIAL FROM UTILITY INSTALLATION OPERATIONS.
2.c. ROADWAYS AND TREE PROTECTION AREAS SHALL NOT BE USED FOR STOCKPILE AREAS.
2.d. CHECK DAMS SHALL BE INSTALLED IN DITCHES AS NECESSARY TO PREVENT OR CONTROL EROSION AND SILTATION.
2.e. RIP-RAP CHECK DAMS SHALL BE INSTALLED IN ALL NEWLY CONSTRUCTED DITCHES AND SWALES AS NECESSARY TO PREVENT OR CONTROL EROSION AND SILTATION.

3. PHASE 3 FINISH GRADING, CURB REPAIR AND PAVEMENT INSTALLATION: THIS IS THE WRAP-UP STAGE WHEN ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES WILL BE PHASED OUT. THE FOLLOWING WILL APPLY TO THIS PHASE:

- 3.a. ALL FACILITIES FROM PHASE 1 THROUGH PHASE 2 WILL BE MAINTAINED AS APPROPRIATE AND REMOVED WHEN NO LONGER EXISTS.
3.b. SILT TRAPS AROUND DRAINAGE INLETS WILL BE MAINTAINED, MODIFIED AS NECESSARY AND REMOVED WHEN NEED NO LONGER EXISTS.
3.c. SILT FENCES SHALL BE IN PLACE AT THE TOE OF ALL FILL SLOPES.
3.d. SLOPES (CUT AND FILL) 3:1 OR STEEPER THAT ARE CONSTRUCTED IN THE FINAL CONFIGURATION SHALL BE PROTECTED WITH GEOTEXTILE MATTING, GRASSED, AND MULCHED AS SHOWN ON THE PLANS AS GRADING IS COMPLETED SO VEGETATION CAN PROTECT THE SLOPE.
3.e. ALL AREAS NOT RECEIVING PAVEMENT SHALL BE GRASSED PER PLAN, OR HAVE LANDSCAPING, MULCHING AND OR SOD INSTALLED AS APPLICABLE.

4. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50 FT. UNDISTURBED BUFFER AS MEASURED FROM THE POND OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS

B. LANDSCAPING/SEEDING:

GRASSING OPERATIONS SHALL BE DONE THROUGHOUT CONSTRUCTION PROCESS AT THOSE TIMES WHEN PORTIONS OF THE SITE ARE FINISHED AND READY FOR PERMANENT GROUND COVER. THIS WILL REQUIRE MULTIPLE EFFORTS BY THE CONTRACTOR TO STABILIZE ALL IMPACTED AREAS OF THE SITE IN AN ORDERLY FASHION. TEMPORARY STABILIZATION MEASURES SUCH AS MULCH OR TEMPORARY SEEDING SHALL BE REQUIRED FOR ALL AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR 14 DAYS OR MORE. CONTRACTOR SHALL MATCH EXISTING AND/OR ADJACENT GROUND COVER.

SEEDING SCHEDULE:

- 1. REFER TO THE SEEDING SCHEDULE FOR THE INSTALLATION OF LIME, FERTILIZER, SEED AND MULCH.
2. ALL DISTURBED AREAS SHALL RECEIVE GRASSING. REPLACE EXISTING GRASS/SOD IN KIND OR AS INDICATED ON THE PLANS USING PROPER APPLICATION. ALL OTHER AREAS SHALL RECEIVE GRASSING IN ACCORDANCE WITH THE SEEDING SCHEDULE SHOWN ON EROSION CONTROL DETAILS WITHIN THIS PLAN SET.
3. AFTER SEEDING, FIRM THE SEEDS INTO THE TOP 1/4" OF SOIL. MULCH IMMEDIATELY AFTER SEEDING WITH EITHER STRAW, HAY OR WOOD CELLULOSE FIBER. STRAW OR HAY SHALL BE APPLIED AT A RATE OF 100 LBS/1000 S.F.. HAY OR FIBER SHALL BE ANCHORED WITH AN ADHESIVE. WATER AS NEEDED TO ESTABLISH SEEDLINGS.

STABILIZATION MEASURES, A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION MEASURES, INCLUDING SITE-SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE MEASURES. THE EROSION CONTROL PLANS WITHIN THIS PLAN SET GIVE DIRECTION TO ENSURE THAT EXISTING VEGETATION IS PRESERVED AND THAT DISTURBED PORTIONS OF THE SITE ARE STABILIZED. STABILIZATION MEASURES INCLUDED BUT NOT LIMITED TO ARE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SOD STABILIZATION, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES. A RECORD OF THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE INITIATED ARE INCLUDED WITHIN THIS PLAN SET, EXCEPT AS PROVIDED IN PARAGRAPHS IV.D.3.(A),(1),(A), AND (B). BELOW, 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.

A.A. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASE IS PRECLUDED BY SNOW COVER OR OTHER ADVERSE WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

A.B. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED, (E.G., THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED

B. MAINTENANCE INSTRUCTIONS:

ALL EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE INSPECTED AT THE END OF EACH WORKING DAY, AT A MINIMUM 48 HOURS IF CONSTRUCTION ACTIVITY HAS CEASED, AND WITHIN 24 HOURS AFTER EACH RAINFALL EVENT, ANY DAMAGED OR NON-FUNCTIONAL FACILITY SHALL BE REPAIRED IMMEDIATELY. ALL INSPECTION AND MAINTENANCE RECORDS SHALL BE KEPT ON-SITE. INSPECTION AND MAINTENANCE ACTIVITIES INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

- 1. SEDIMENT TRAPS WILL BE CHECKED FOR SEDIMENT CLEANOUT. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-FOURTH (1/4) THE DESIGN VOLUME OF THE WET STORAGE. SEDIMENT REMOVED FROM THE TRAP SHALL BE DEPOSITED IN SUITABLE AREAS AND IN SUCH A MANNER THAT IT WILL NOT ERODE AND CAUSE SEDIMENTATION PROBLEMS.
2. RIPRAP OUTLETS, ROCK FILTER DAMS, AND CHECK DAMS WILL BE CHECKED FOR SEDIMENT BUILDUP WHICH WILL PREVENT DRAINAGE. IF THE RIPRAP IS CLOGGED BY SEDIMENT, IT SHALL BE REMOVED AND CLEANED OR REPLACED. SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 OF THE ORIGINAL HEIGHT OF THE CHECK DAM OR ROCK FILTER DAM.
3. SILT FENCE BARRIERS WILL BE CHECKED FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALF WAY TO THE TOP OF THE BARRIER.
4. TEMPORARY DIVERSIONS AND DOWNDRAIN STRUCTURES SHALL BE INSPECTED FOR DAMAGES DUE TO RAINFALL AND REPAIRED AS NECESSARY.
5. SEEDED AREAS WILL BE CHECKED TO ENSURE THAT A COMPLETE AND ADEQUATE COVER IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RESEEDED AS NEEDED.
6. IF ANY FACILITY IS DAMAGED DURING MAINTENANCE, OR OTHERWISE, THE DAMAGED PORTION SHALL BE REMOVED AND REPLACED ACCORDING TO THE INDICATED DETAIL.
7. IF SILT HAS CLOGGED SEDIMENT CONTROL FACILITY AND IT IS NO LONGER EFFECTIVE IN FILTERING SILT, THE STRUCTURE SHALL BE REMOVED AND REPLACED WITH A NEW STRUCTURE IN ACCORDANCE WITH APPLICABLE DETAIL.
8. CONSTRUCTION ENTRANCE SHALL HAVE ADDITIONAL STONE ADDED TO MUD COVERS STONE. DURING MUDDY TIMES, TIRES SHALL BE WASHED PRIOR TO GOING INTO THE STREET.
9. WHEN SEDIMENT IS TRANSPORTED ONTO A PAVED ROAD SURFACE, THE ROAD WILL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT WILL BE REMOVED FROM THE ROAD BY SHOVEL AND SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA.
10. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
11. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

C. MAINTAINING EFFECTIVENESS:

CONTRACTOR SHALL INSPECT OVERALL PERFORMANCE OF EROSION AND SEDIMENT CONTROL FACILITIES AND AREAS DOWNSTREAM. IF SILT IS APPARENT DOWNSTREAM FROM STRUCTURES, IMMEDIATELY INSPECT FACILITIES. IF SILT IS APPARENT, IT IS OBSERVED DOWNSTREAM, NOTIFY THE ENGINEER, AND THE ENGINEER WILL INSPECT THE CONDITION AND DIRECT THE REMOVAL OF ACCUMULATED SEDIMENT DOWNSTREAM AND ADD ADDITIONAL STRUCTURAL MEASURES AS NECESSARY. CONTRACTOR SHALL IMPLEMENT RECOMMENDED SOLUTIONS TO PROBLEM AREAS AS RECOMMENDED.

III. COMPLETION:

A. PROJECT CLOSE OUT: THE FOLLOWING SHALL BE DONE AT THE END OF THE PROJECT.

- 1. INSPECT SITE TO BE SURE THAT GROUND COVER IS COMPLETE AND ADEQUATE. IN OTHER WORDS, ALL AREAS ARE EITHER PAVED OR HAVE COMPLETE AND ADEQUATE GROUND COVER WITH NO EROSION APPARENT. COMPLETE AND ADEQUATE GROUND COVERAGE OF VEGETATION IS DEFINED AS 70% VEGETATIVE COVER WITH NO AREAS OF EROSION APPARENT.
2. IF ABOVE INSPECTION IS MADE AND APPROVED, ALL STRUCTURAL FACILITIES SHALL BE REMOVED ALONG WITH ANY ACCUMULATED SILT. THE AREAS DISTURBED BY REMOVAL OF STRUCTURES SHALL BE FINE GRADED, GRASSED AND MULCHED.
3. IF INSPECTION IS MADE AND PROBLEMS EXIST, RESOLVE THE PROBLEM, MAKE THE REPAIR, AND MAKE SUBSEQUENT INSPECTION PRIOR TO REMOVAL.

IV. MISCELLANEOUS ISSUES:

- A. PETROLEUM BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON-SITE VEHICLE AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATER, 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.
B. PAINTS/FINISHES/SOLVENTS - 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

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- AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
C. CONCRETE TRUCK WASHING - NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON-SITE.
D. 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 GSWC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.
E. BUILDING MATERIALS - 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.
F. ALL WATER SUPPLY WILL BE PROVIDED FROM PUBLIC WATER SUPPLY.
G. DUST SUPPRESSION OPERATIONS WILL BE DONE BY MEANS OF A WATER TRUCK SPRAYING WATER ON THE SURFACE OF THE SITE.
H. TEMPORARY/PORTABLE TOILET FACILITIES SHALL BE LOCATED ON SITE AS NECESSARY TO AVOID CONSTRUCTION ACTIVITIES. TOILET FACILITIES SHALL BE MAINTAINED AND CLEANED TO ENSURE USAGE BY ON-SITE PERSONNEL.
I. NO WASTE WILL BE DISPOSED OF INTO STORM WATER INLETS OR WATERS OF THE STATE. ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES WILL BE POSTED AT THE JOBSITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.
J. FOR BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS PRESENT ON THE SITE, PROVIDE COVER (E.G. PLASTIC SHEETING, TEMPORARY ROOFS) TO MINIMIZE THE EXPOSURE OF THESE PRODUCTS TO PRECIPITATION AND TO STORMWATER, OR A SIMILARLY EFFECTIVE MEANS DESIGNED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THESE AREAS. MINIMIZATION OF EXPOSURE IS NOT REQUIRED IN CASES WHERE EXPOSURE TO PRECIPITATION AND TO STORMWATER WILL NOT RESULT IN A DISCHARGE OF POLLUTANTS, OR WHERE EXPOSURE OF A SPECIFIC MATERIAL OR PRODUCT POSES LITTLE RISK TO STORMWATER CONTAMINATION (SUCH AS FINAL P PRODUCTS AND MATERIALS INTENDED FOR OUTDOOR USE).

NOTE: PERMANENT GRASSING TO BE IMMEDIATELY PLANTED AFTER TESTING/INSTALLATION OF SEGMENTED SECTIONS OF NEW FORCE MAIN.

CERTIFICATIONS:

- 1. "I CERTIFY THAT THE PERMITEE'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', PUBLISHED BY THE STATE 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 THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100002."

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

3. "I CERTIFY THAT THE PERMITEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR THE MONITORING OF: (A) ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES SHOWN ON THE USGS TOPOGRAPHIC MAP AND ALL OTHER FIELD VERIFIED PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES, OR (B) WHERE ANY SUCH SPECIFIC IDENTIFIED PERENNIAL OR INTERMITTENT STREAM AND OTHER WATER BODY IS NOT PROPOSED TO BE SAMPLED, I HAVE DETERMINED IN MY PROFESSIONAL JUDGEMENT, UTILIZING THE FACTORS REQUIRED IN THE GENERAL NPDES PERMIT NO. GAR 100002, THAT THE INCREASE IN THE TURBIDITY OF EACH SPECIFIC IDENTIFIED SAMPLED RECEIVING WATER WILL BE REPRESENTATIVE OF THE INCREASE IN THE TURBIDITY OF A SPECIFIC IDENTIFIED UN-SAMPLED RECEIVING WATER.

Name: KALYN L. KEENEY, PE DATE: 02/25/2026 GSWCC LEVEL 2 CERTIFICATION NO. 056993

7-DAY INSPECTION AND REVISIONS:

- 1. THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT AND CERTIFY THE INSTALLATION OF BMP'S WITHIN 7 DAYS AFTER INITIAL CONSTRUCTION ACTIVITY BEGINS.
2. THE CONTRACTOR IS TO NOTIFY THE PRIMARY PERMITEE AND THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ENSURE THAT THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN CAN VISIT THE SITE AS REQUIRED WITHIN THE LEGAL TIME CONSTRAINTS.
3. AMENDMENTS/REVISIONS TO THE EROSION, SEDIMENT AND POLLUTION CONTROL PLANS WHICH HAVE SIGNIFICANT EFFECT ON BEST MANAGEMENT PRACTICES WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

ES&PC NARRATIVE
KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027

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Professional Engineer Seal for Kalyn Keeney, No. 056993, State of Georgia.

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NPDES SITE INSPECTIONS #30

- 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) 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.
- MEASURE RAINFALL ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY UNTA NOTICE OF TERMINATION IS SUBMITTED. 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.
- CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY FOURTEEN (14) 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 .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 REST THE 14-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 IMPACT 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.G.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
- 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 IS SUBMITTED TO EPD) 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).
- 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.
- 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 PROJECT 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 STATEMENT 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.

STORM WATER SAMPLING REQUIREMENTS

SAMPLE ANALYSIS #33

STORM WATER SAMPLES ARE TO BE ANALYZED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 AND THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001".

STORM WATER IS TO BE SAMPLED FOR NEPHELOMETRIC TURBIDITY UNITS (NTU) AT THE OUTFALL LOCATION. A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH A CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDING 75 NTU. THE NTU IS BASED UPON THE ACREAGE OF 6.8 ACRES FOR THE PROJECT SITE, THE SURFACE WATER DRAINAGE AREA OF --- SQUARE MILES, AND RECEIVING WATER WHICH SUPPORTS WARM WATER FISHERIES.

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 EPD.

- SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.
- SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.
- 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.
- 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 COLLECTED
- 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.

SAMPLING POINTS

FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE MUST SAMPLE ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES SHOWN ON THE USGS TOPOGRAPHIC MAP AND ALL OTHER FIELD VERIFIED PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES, OR ALL OUTFALLS INTO SUCH STREAMS AND OTHER WATER BODIES, OR A COMBINATION THEREOF. HOWEVER, PROVIDED FOR IN AND IN ACCORDANCE WITH PART IV.D.6.C.(2). OF THIS PERMIT, PRIMARY PERMITTEES ON AN INFRASTRUCTURE CONSTRUCTION PROJECT MAY SAMPLE THE REPRESENTATIVE PERENNIAL AND INTERMITTENT STREAMS, OTHER WATER BODIES OR OUTFALLS, OR A COMBINATION THEREOF. 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:

- THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST UPSTREAM AT THE SITE), BUT DOWNSTREAM OF ANY OTHER STORM WATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM TURBIDITY VALUE.
- THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST DOWNSTREAM AT THE SITE) BUT UPSTREAM OF ANY OTHER STORM WATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE.
- IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORM WATER OUTFALL CHANNEL(S).
- CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORM WATER CHANNEL.
- THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.
- THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS.
- 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, 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). FOR INFRASTRUCTURE CONSTRUCTION PROJECTS ON LAND USED FOR AGRICULTURAL OR SILVICULTURAL PURPOSES, FINAL STABILIZATION MAY BE ACCOMPLISHED BY STABILIZING THE DISTURBED LAND FOR ITS AGRICULTURAL OR SILVICULTURAL USE.
- 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 STORM WATER RUNOFF FROM THE FACILITY/ SITE IS IN COMPLIANCE WITH THE STANDARDS SET FORTH IN PARTS III.C.3 OR III.C.4, WHICHEVER IS APPLICABLE.

SAMPLING FREQUENCY #31

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 STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE (WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE. SAMPLING BY THE PRIMARY PERMITTEE SHALL OCCUR FOR THE FOLLOWING:

- 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 STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT. 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 REPRESENTATIVE SAMPLING LOCATION, WHICHEVER COMES FIRST.
- 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 STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT 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 REPRESENTATIVE SAMPLING LOCATION, WHICHEVER COMES FIRST.
- 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-STORM EVENT INSPECTIONS DETERMINE THAT BMPs ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED.
- 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
- 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.

- HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.
- SAMPLING BY THE PERMITTEE'S SHALL OCCUR FOR THE FOLLOWING EVENTS:
 - FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS* (MONDAY THRU FRIDAY, 8:00 AM TO 5:00PM AND SATURDAY 8:00 AM TO 5:00 PM WHEN CONSTRUCTION ACTIVITY IS BEING CONDUCTED BY THE PRIMARY PERMITTEE'S) THAT OCCURS AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION;

- IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS* THAT OCCURS EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST;
- AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMPs ARE FOUND TO BE PROPERLY DESIGNED, INSTALLED AND MAINTAINED, NO FURTHER ACTION IS REQUIRED. IF BMPs IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM ARE NOT PROPERLY DESIGNED, NOT PROPERLY MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN 2 BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVEN THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS* UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPs ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED; AND
- 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 (C) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING AT ANY TIME OF THE DAY OR WEEK.

NON-STORM WATER DISCHARGES

EXCEPT FLOW FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER LISTED IN PART 111.A.2. OF THIS PERMIT THAT ARE COMBINED WITH STORM WATER 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-STORM WATER COMPONENT(S) OF THE DISCHARGE

REPORTING #31

- THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT A SUMMARY OF THE MONITORING 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 STORM WATER 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. SAMPLING REPORTS MUST BE SUBMITTED TO THE EPD UNTIL SUCH A TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.
- EACH PERMITTEE MUST RETAIN COPIES OF ALL MONITORING RESULTS REPORTED BY THAT PERMITTEE IN ACCORDANCE WITH THIS PART. IN ADDITION TO OTHER RECORD KEEPING REQUIREMENTS, THE MONITORING INFORMATION SHALL INCLUDE:
 - THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS
 - THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;
 - THE DATE(S) ANALYSES WERE PERFORMED;
 - THE TIME(S) ANALYSES WERE INITIATED;
 - THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES;
 - REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;
 - THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS;
 - RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU"; AND
 - CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN
- 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. RESULTS WILL BE 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.

RETENTION OF RECORDS #32

- 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 COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;
 - A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
 - THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF THIS PERMIT;
 - A COPY OF ALL MONITORING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
 - A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT;
 - A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT; AND
 - DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(1)(C) OF THIS PERMIT.
- 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

REPORT SUBMITTAL

ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN

RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT.

COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

THE CONTRACTOR WILL OBTAIN COPIES OF ANY AND ALL LOCAL AND STATE REGULATIONS THAT ARE APPLICABLE TO STORM WATER MANAGEMENT, EROSION CONTROL, AND POLLUTION MINIMIZATION AT THIS JOB SITE AND WILL COMPLY FULLY WITH SUCH REGULATIONS. THE CONTRACTOR WILL SUBMIT WRITTEN EVIDENCE OF SUCH COMPLIANCE IF REQUESTED BY THE OWNER OR ANY AGENT OF A REGULATORY BODY. THE CONTRACTOR WILL COMPLY WITH ALL CONDITIONS OF ANY AND ALL LOCAL, STATE AND FEDERAL AGENCIES HAVE GOVERNING AUTHORITY, INCLUDING THE CONDITIONS RELATED TO MAINTAINING THE ESPCP AND EVIDENCE OF COMPLIANCE WITH THE ESPCP AT THE JOB SITE AND ALLOWING REGULATORY PERSONNEL ACCESS TO THE JOB SITE TO RECORDS IN ORDER TO DETERMINE COMPLIANCE.

SOIL CLEANUP AND CONTROL PRACTICES (INCLUDING PETROLEUM SPILLS AND LEAKS)

- LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AN PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
- MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MAPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
- SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
- ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS.
- FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOUR AT 1-800-426-2675.
- FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER (NRC) WILL BE CONTACTED WITH 24 HOURS AT 1-800-426-2675.
- FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS.
- 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.

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ONSITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

WASTE DISPOSAL

- LOCATE WASTE COLLECTION AREAS AWAY FROM STREETS, GUTTERS, WATERCOURSES AND STORM DRAINS. WASTE COLLECTION AREAS, SUCH AS DUMPSTERS, ARE OFTEN BEST LOCATED NEAR CONSTRUCTION SITE ENTRANCES TO MINIMIZE TRAFFIC ON DISTURBED SOILS. THE PLAN INCLUDES SECONDARY CONTAINMENT AROUND LIQUID WASTE COLLECTION AREAS TO FURTHER MINIMIZE THE LIKELIHOOD OF CONTAMINATED DISCHARGES.
- NO WASTE OR SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT**

HAZARDOUS WASTES:

- ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN A MANNER SPECIFIED BY LOCAL, STATE &/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT, WHO WILL ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED, WILL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS'S) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS WILL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED &/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 SPILL CONTROL TECHNIQUES.
- THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN FOUND WITHIN THIS ESPCP AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES WILL BE ALLOWED TO COME IN CONTACT WITH STORMWATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORMWATER DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORMWATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN.

SANITARY WASTES:

- A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN (10) WORKERS ON THE SITE. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLETE COMPLIANCE WITH THE 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 PHASE TWO SHEET AS LISTED ON THE TABLE OF CONTENTS, BY THE CONTRACTOR ONCE THE LOCATIONS HAVE BEEN DETERMINED.
- SANITARY SEWER WILL BE PROVIDED BY MUNICIPAL AUTHORITY/SEPTIC SYSTEM AT THE COMPLETION OF THE PROJECT.

#2

KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



Know what's below.
Call before you dig.

A Stratus Team Company

3715 NORTHSIDE PARKWAY NW
 300 NORTH CREEK, SUITE 200
 ATLANTA, GEORGIA 30327
 404.457.1100

PROJECT:
 CAMPBELLTON ROAD
 PUMP STATION AND
 FORCE MAIN

PREPARED FOR:
 FULTON COUNTY
 DEPARTMENT OF PUBLIC
 WORKS

NO.	DATE	DESCRIPTION
A	11/13/24	30% DESIGN SUBMITTAL
B	12/20/24	30% DESIGN RESUBMITTAL
C	01/17/25	60% DESIGN SUBMITTAL
D	02/28/25	80% DESIGN SUBMITTAL
E	02/25/26	100% DESIGN SUBMITTAL

SEAL

#2

DATE: 02/25/2026

REVISIONS

NO.	DATE	DESCRIPTION
A	11/13/24	30% DESIGN SUBMITTAL
B	12/20/24	30% DESIGN RESUBMITTAL
C	01/17/25	60% DESIGN SUBMITTAL
D	02/28/25	80% DESIGN SUBMITTAL
E	02/25/26	100% DESIGN SUBMITTAL

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DRAWING TITLE

ES&PC
COMPREHENSIVE
MONITORING
PLAN

EC-002

ISSUED FOR CONSTRUCTION

DRAWING DATE

02/25/2026

DRAWING SCALE

AS SHOWN

PROJECT NUMBER

2024-0394

DRAWING NUMBER

#2

DRAWN BY

JUN

DESIGNED BY

JUN

CHECKED BY

KLK

1 2 3 4 5 6 7 8 9 10 11 12 13 14

COMPREHENSIVE MONITORING PLAN (CMP)

RECEIVING WATERS AND SAMPLE LOCATIONS #35
 Storm water runoff from the proposed construction will flow to the Chattahoochee River. Water samples of the receiving water will be collected for turbidity analysis at 2 locations.

NPDES Monitoring Point #1: Downstream point is Mill Branch.
 NPDES Monitoring Point #2: Downstream point is Deep Creek.

METHODS AND PROCEDURES FOR SAMPLE COLLECTION #33
 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, the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833-B-92-001". Samples will be collected in large mouth glass or plastic bottles. Sample containers shall be labeled prior to collecting the samples. All bottles will be thoroughly cleaned and rinsed with turbidity free water. Between 0.5-1.0 liter will be collected at each site, sufficient volume to insure a representative sample, and to replicate analysis (if required).

No cooling or chemical preservation is required.
 Samples will be analyzed as soon as possible and no later than 48 hours, after collection.

Samples taken will be representative of the monitored activity and representative of the water quality of the receiving waters using the following guidelines: The upstream sample must be taken immediately upstream of the confluence of the first storm water discharge from the development but downstream of any other storm water discharges not associated with the development. Where appropriate, several upstream samples from across the receiving waters may need to be taken and the arithmetic average of the turbidity of these samples used for the upstream turbidity value.

The downstream sample must be taken downstream of the confluence of the last storm water discharge from the development but upstream of any other storm water discharges not associated with the development. Where appropriate, several downstream samples from across the receiving waters may need to be taken and the arithmetic average of the turbidity of these samples used for the downstream turbidity value.

Care should be taken to avoid stirring the bottom sediments in the receiving water channel.
 The sampling container should be held so that the opening faces upstream. Then samples should be kept free from floating debris.

RAINFALL DATA
 Measurement of rainfall, at the development, will be recorded daily (once each twenty-four hour period).

PERMITTING REQUIREMENTS
 Notes on inspections, record keeping, sampling frequency, and reporting are provided on sheet EC-002.

APPENDIX B RATIONALE #34
 Monitoring Point #1: NTU Limits = 50
 Construction Site Size = 10.90 ac
 Surface Water Drainage Area = 227.90 ac
 Receiving Water is Mill Branch
 Monitoring Point #2: NTU Limits = 75
 Construction Site Size = 2.10 ac
 Surface Water Drainage Area = 140.14 ac
 Receiving Water is Deep Creek

NOTES: #19
THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE. #20

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING. #21

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST WEEKLY, AFTER EACH RAIN, AND REPAIRED AS NECESSARY.

ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED NECESSARY BY ON-SITE INSPECTION.

SILT FENCE SHALL MEET THE REQUIREMENTS OF SECTION 171 - TYPE C TEMPORARY SILT FENCE OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST EDITION.

#29 ANTICIPATED BEGINNING OF CONSTRUCTION: 05/01/26
 ANTICIPATED END OF INITIAL CONSTRUCTION: 02/01/27

ITEM	2026												2027					
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
INSTALLATION OF SEDIMENT CONTROL																		
MAINTENANCE OF EROSION CONTROL																		
INSTALLATION OF PIPE																		
FINISH GRADING, CURB & PAVEMENT REPAIR																		
FINAL GRASSING																		
REMOVE SEDIMENT CONTROL																		

CHATTAHOOCHEE RIVER IS IDENTIFIED BY THE GEORGIA ENVIRONMENTAL PROTECTION DIVISION'S 303(D)/ 305(B) LIST. THE ES&PC PLAN CONFORMS TO ALL SEDIMENT CONTROL REGULATIONS PERTINENT TO THE CITY OF CHATTAHOOCHEE HILLS AND THE CITY OF SOUTH FULTON.

CUT AND FILL SLOPES SHALL NOT EXCEED 2H:1V

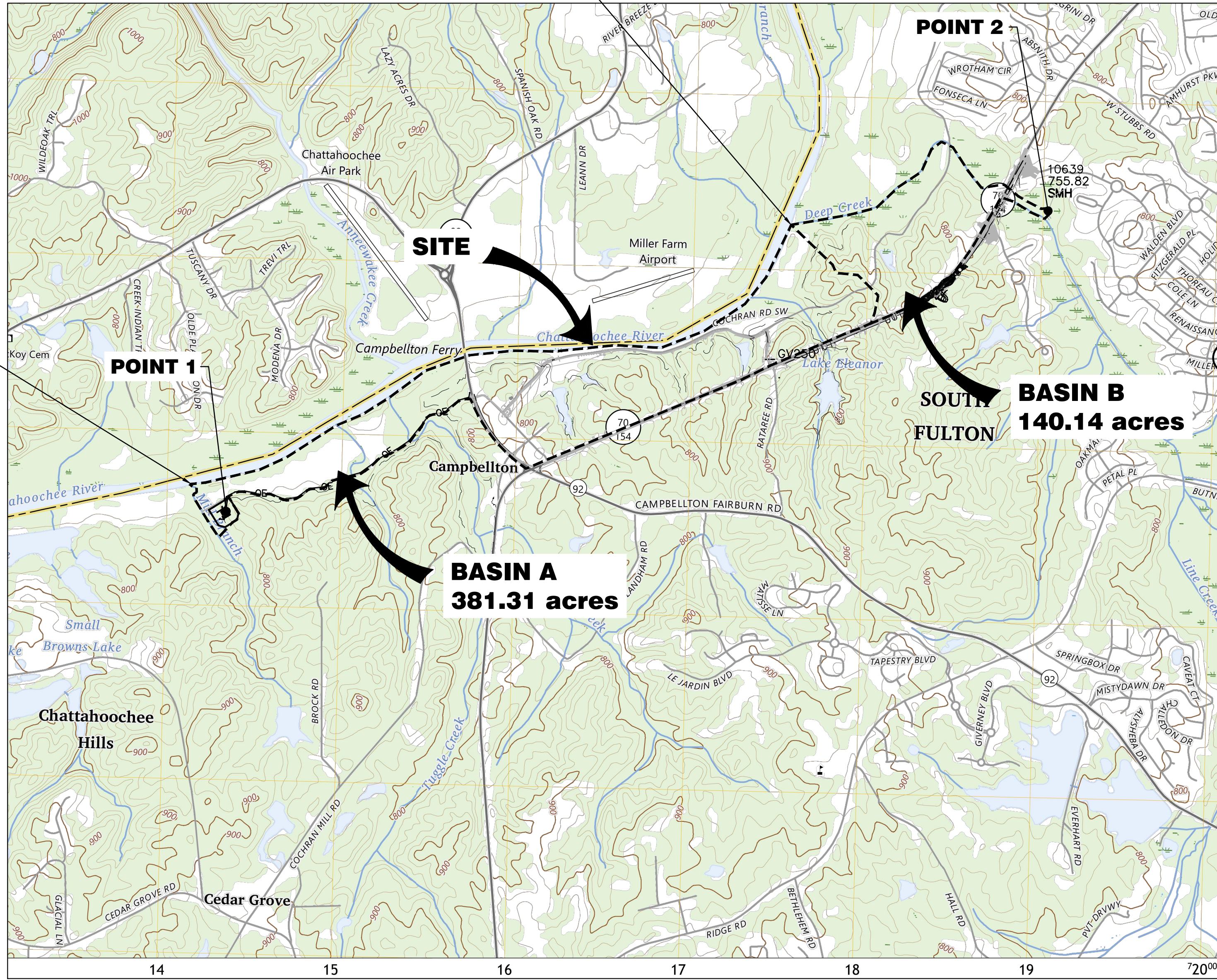
WATERS OF THE STATE EXIST WITHIN 200 FEET OF THIS SITE.

WETLANDS EXIST WITHIN 200 FEET OF THIS SITE. #42

POINT No.	LAT	LONG
1	N33.647996	W84.688567
2	N33.663877	W84.637849

NPDES MONITORING POINT #1

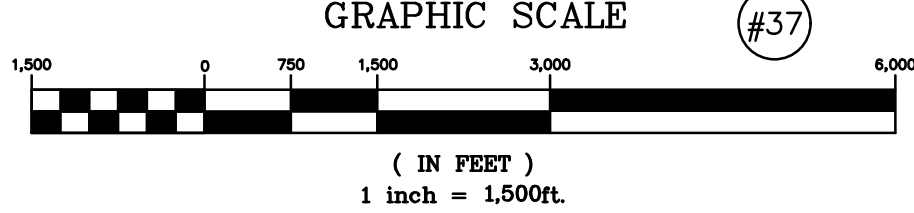
NPDES MONITORING POINT #2



NPDES MONITORING POINT	PRIMARY OR ALTERNATE SITE	NAME OF RECEIVING WATER	APPLICABLE CONSTRUCTION STAGE FOR SAMPLING	SAMPLING TYPE (OUTFALL OR RECEIVING WATER)	DRAINAGE AREA FOR THE RECEIVING WATER (MI ²)	UPSTREAM DISTURBED AREA (ACRES)	TOTAL PROJECT AREA (ACRES)	WARM OR COLD WATER STREAM	APPENDIX B NTU VALUE (OUTFALL MONITORING ONLY)	ALLOWABLE NTU INCREASE (RECEIVING WATER MONITORING ONLY)	LOCATION DESCRIPTION
1	PRIMARY	MILL BRANCH	ALL	RECEIVING WATER	0.595	0	10.90	WARM	---	50	RECEIVING WATER DOWNSTREAM OF PORTION OF SITE
2	PRIMARY	DEEP CREEK	ALL	RECEIVING WATER	0.219	6.8	2.10	WARM	---	75	RECEIVING WATER DOWNSTREAM OF PORTION OF SITE

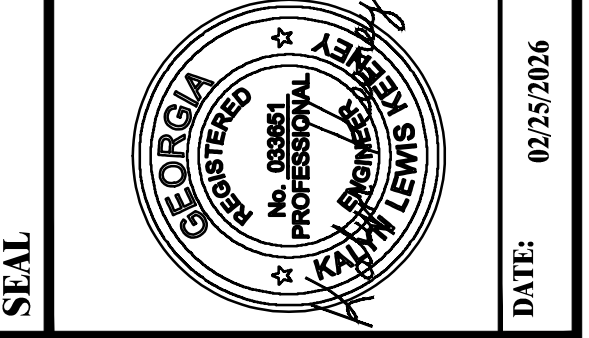
**KALYN L. KEENEY, PE
 GASWCC LEVEL II
 CERTIFICATION #056993
 EXPIRES 01/21/2027**

1 NPDES PERMITTING NOTES
 SCALE: 1" = 1,500'



PROJECT:
CAMPBELLTON ROAD PUMP STATION AND FORCE MAIN
PREPARED FOR:
FULTON COUNTY DEPARTMENT OF PUBLIC WORKS

NO.	DATE	DESCRIPTION
A	11/13/24	30% DESIGN SUBMITTAL
B	12/20/24	30% DESIGN RESUBMITTAL
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DRAWING TITLE
NPDES PERMITTING NOTES

DRAWN BY JLN	DESIGNED BY JLN	CHECKED BY KJK
DRAWING DATE 02/25/2026	AS SHOWN	PROJECT NUMBER 2024-0394
DRAWING NUMBER #	ISSUED FOR CONSTRUCTION	EC-003

P:\PE\A-Z\sel construction, ic\2024-0394 - 2024-0394.dwg Wed, 02/25/26 4:36 PM

P:\PE\A-Z\soil construction, inc\2024-0394 - 0394.dwg Wed, 02/25/26 4:36 PM

1 2 3 4 5 6 7 8 9 10 11 12 13 14

A B C D E F G H I J

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
INFRASTRUCTURE CONSTRUCTION PROJECTS GAR100002

SWCD: CHATTAHOOCHEE
Project Name: Campbellton Road Pump Station and Force Main Address:
Local Issuing Authority: FULTON COUNTY Date on Plans: 2/19/2026
Name & Email of person filling out checklist: KALYN L. KEENEY kkeeny@prime-eng.com

Table with 2 columns: Plan Page #, Included Y/N

TO BE SHOWN ON ES&PC PLAN

- 1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.
2 Level II certification number issued by the Commission, signature and seal of the certified design professional.
3 The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
4 Provide the name, address, email address, and phone number of Primary Permittee.
5 Note total and disturbed acreages of the project or phase under construction.
6 Provide the GPS locations of the beginning and end of the infrastructure project. Give the Latitudes and Longitudes in decimal degrees.
7 Initial dates of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
8 Descriptions of the nature of construction activity and existing site conditions.
9 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
10 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
11 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on Part IV page 21 of the permit.
12 Design professional's certification statement and signature that the Permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on Part IV page 21 of the permit.
13 Design professional certification statement and signature that the Permittee's ES&PC Plan provides for representative sampling as stated on Part IV.D.6.c.(3), page 37 of the permit as applicable.
14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect and certify the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation."
15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of waded vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional."
18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit."
19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
22 Any construction activity which discharges storm water into a Biota Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as any portion of a Biota Impaired Stream Segment, must comply with Part III.C. of the permit. Include the completed Appendix 1 of this checklist with at least 4 of the chosen BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment.
23 If a TMDL Implementation Plan for sediment has been finalized for the Biota Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan.
24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Include statement that washout of the drum at the construction site is prohibited.
25 Provide BMPs for the remediation of all petroleum spills and leaks.
26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed.

- 27 Description of practices to provide cover for building materials and building products on site.
28 Description of the practices that will be used to reduce the pollutants in storm water discharges.
29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, grading, infrastructure, temporary and final stabilization).
30 Provide complete requirements of Inspections and record keeping by the Primary Permittee.
31 Provide complete requirements of Sampling Frequency and Reporting of sampling results.
32 Provide complete details for Retention of Records as per Part IV.F. of the permit.
33 Description of analytical methods to be used to collect and analyze the samples from each location.
34 Appendix B rationale for NTU values at all outfall sampling points where applicable.
35 Delineate all sampling locations on all phases of the Plan, and perennial and intermittent streams and other water bodies into which storm water is discharged.
36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial sediment storage requirements and initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all BMPs into a single phase plan.
37 Graphic scale and North arrow.
38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:
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 Document found at www.gaswcc.georgia.gov.
40 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.
41 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.
42 Delineation of all State Waters and wetlands located on or within 200 feet of the project site.
43 Delineation and acreage of contributing drainage basins on the project site.
44 Delineate on-site drainage and off-site watersheds using USGS 1" : 2000' topographical sheets.
45 Estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
46 Storm drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
47 Soil series for the project site and their delineation.
48 The limits of disturbance for each phase of construction.
49 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.
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.
51 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.
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.

* 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. Effective January 1, 2026

APPENDIX 1
THE ES&PC PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPs FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO AN IMPAIRED STREAM SEGMENT OR FOR SITES WHICH EPD HAS APPROVED IN WRITING A REQUEST TO DISTURB 50 ACRES OR MORE AT ANY ONE TIME. The four items chosen must be appropriate for the site conditions.

- a. During construction activities, double the width of the 25-foot undisturbed vegetated buffer along all State Waters requiring a buffer and the 50-foot undisturbed vegetated buffer along all State Waters classified as "trout streams" requiring a buffer. During construction activities, EPD will not grant variances to any such buffers that are increased in width.
b. Increase all temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.
c. Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.
d. A large sign (minimum 4 feet x 8 feet) must be posted on site by the actual start date of construction. The sign must be visible from a public roadway. The sign must identify the following: (1) construction site, (2) the permittee(s), (3) the contact person(s) and telephone number(s), and (4) the permittee-hosted website where the Plan can be viewed and must be provided on the submitted NOI. The sign must remain on site and the Plan must be available on the provided website until a NOT has been submitted.
e. Use tackifiers and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with Part III. D.1. of the current NPDES Permits.
f. Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24-hour period, recognizing the exceptions specified in Part IV.D.6.d. of the current NPDES Permits.
g. Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP defense" as provided for in O.C.G.A. 12-7-6 (a)(1).
h. Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included on the Plan.
i. Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the Plan.
j. Use "Dirt II" techniques available on the EPD website to model and manage construction storm water runoff (including sheet flow). All calculations must be included on the Plan.
k. Conduct soil tests representative of conditions at the time of planting to identify and to implement site-specific fertilizer needs and/or add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of six (6) inches to document improved levels of soil carbon after final stabilization of the construction
l. Use mulch filter berms, in addition to a silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be placed in waterways or areas of concentrated flow.
m. Use appropriate erosion control slope stabilization instead of concrete in all construction storm water ditches and storm drainages designed for a 25-year, 24-hour rainfall event.
n. Use flocculants or coagulants under a passive dosing method (e.g., flocculant blocks) within all construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.
o. Install sod for a minimum 20-foot width (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever storm water (including sheet flow) may be discharged.
p. Certified personnel shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3)(a)-(c) of this permit.
q. Apply the appropriate compost blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.
r. Use Alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a design professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at www.gaswcc.georgia.gov)
s. Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any State mandated buffer areas from such calculations). All calculations must be included in the Plan.
t. Conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase of the project by the design professional who prepared the Plan in accordance with Part IV.A.5 of the permit.
u. Install Post Construction BMPs (e.g., runoff reduction BMPs) which remove 80% TSS as outlined in the Georgia Stormwater Management Manual, known as the Blue Book, or an equivalent or more stringent design manual.

This requirement is different for infrastructure projects: Certified personnel for primary permittees shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3)(a)-(c) of the permit. Effective January 1, 2026

1 ES AND PC CHECKLIST SCALE: N.T.S

2 APPENDIX 1 SCALE: N.T.S

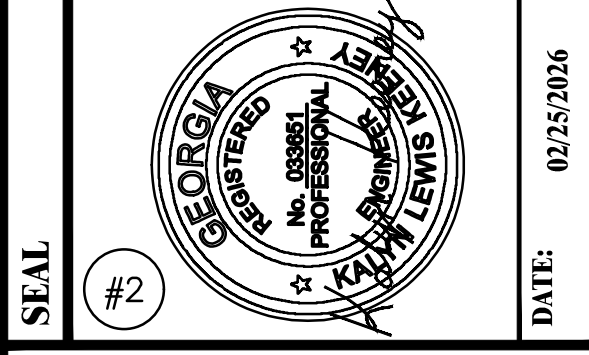
#2

KALYN L. KEENEY, PE GASWCC LEVEL II CERTIFICATION #056993 EXPIRES 01/21/2027



PROJECT: CAMPBELLTON ROAD PUMP STATION AND FORCE MAIN
PREPARED FOR: FULTON COUNTY DEPARTMENT OF PUBLIC WORKS

Table with 5 columns: NO., DATE, DESCRIPTION, SUBMITTAL, DESIGN SUBMITTAL

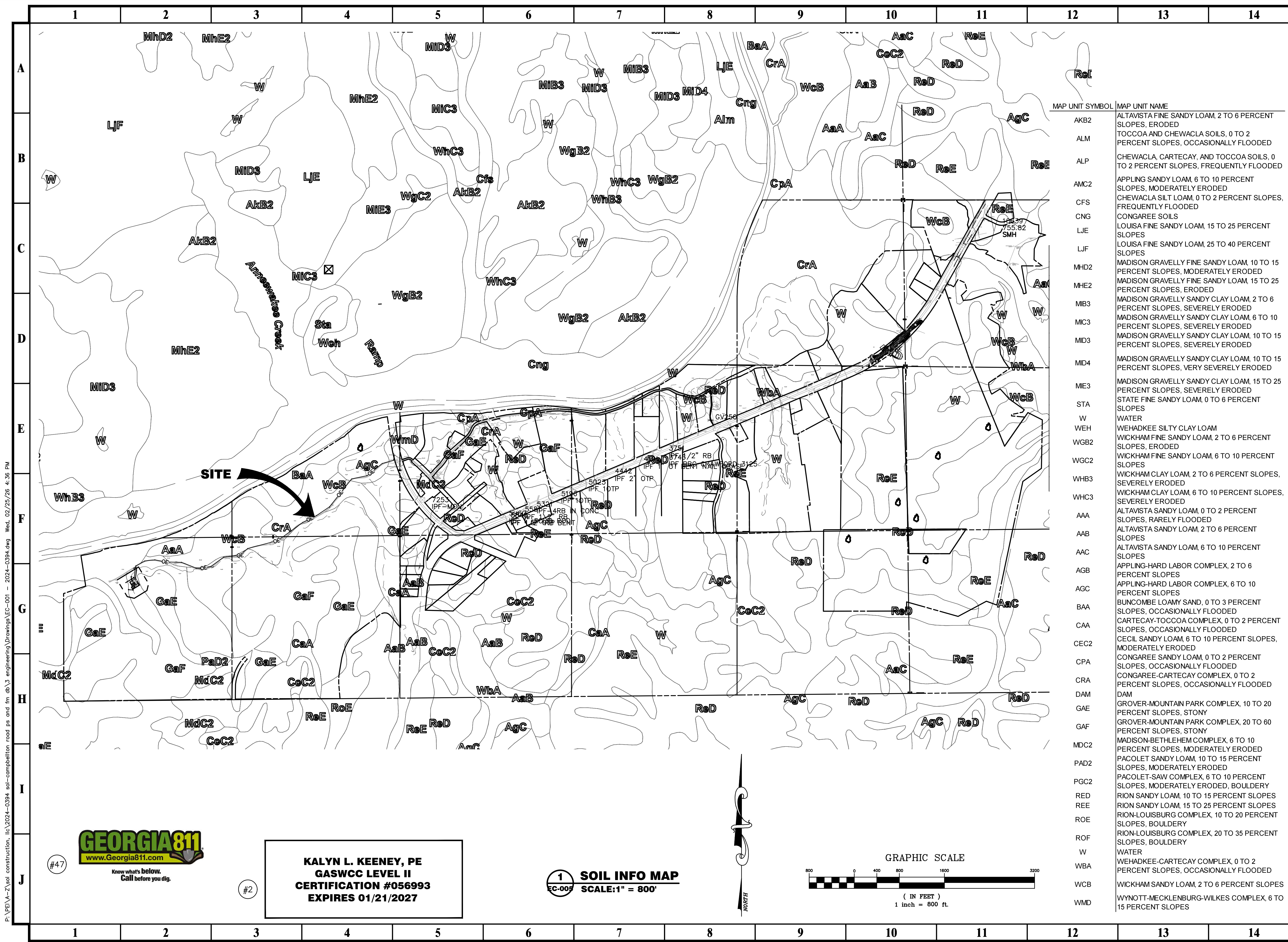


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DRAWING TITLE: NPDES CHECKLISTS

Table with 4 columns: DRAWING DATE, DRAWING SCALE, PROJECT NUMBER, DRAWING NUMBER

1 2 3 4 5 6 7 8 9 10 11 12 13 14



MAP UNIT SYMBOL	MAP UNIT NAME
AKB2	ALTAVISTA FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED
ALM	TOCCOA AND CHEWACLA SOILS, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED
ALP	CHEWACLA, CARTECAY, AND TOCCOA SOILS, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
AMC2	APPLING SANDY LOAM, 6 TO 10 PERCENT SLOPES, MODERATELY ERODED
CFS	CHEWACLA SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
CNG	CONGAREE SOILS
LJE	LOUISA FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES
LJF	LOUISA FINE SANDY LOAM, 25 TO 40 PERCENT SLOPES
MhD2	MADISON GRAVELLY FINE SANDY LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED
MhE2	MADISON GRAVELLY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, ERODED
MIB3	MADISON GRAVELLY SANDY CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED
MIC3	MADISON GRAVELLY SANDY CLAY LOAM, 6 TO 10 PERCENT SLOPES, SEVERELY ERODED
MID3	MADISON GRAVELLY SANDY CLAY LOAM, 10 TO 15 PERCENT SLOPES, SEVERELY ERODED
MID4	MADISON GRAVELLY SANDY CLAY LOAM, 10 TO 15 PERCENT SLOPES, VERY SEVERELY ERODED
MIE3	MADISON GRAVELLY SANDY CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED
STA	STATE FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES
W	WATER
WEH	WEHADKEE SILTY CLAY LOAM
WGB2	WICKHAM FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES, ERODED
WGC2	WICKHAM FINE SANDY LOAM, 6 TO 10 PERCENT SLOPES
WHB3	WICKHAM CLAY LOAM, 2 TO 6 PERCENT SLOPES, SEVERELY ERODED
WHC3	WICKHAM CLAY LOAM, 6 TO 10 PERCENT SLOPES, SEVERELY ERODED
AAA	ALTAVISTA SANDY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED
AAB	ALTAVISTA SANDY LOAM, 2 TO 6 PERCENT SLOPES
AAC	ALTAVISTA SANDY LOAM, 6 TO 10 PERCENT SLOPES
AGB	APPLING-HARD LABOR COMPLEX, 2 TO 6 PERCENT SLOPES
AGC	APPLING-HARD LABOR COMPLEX, 6 TO 10 PERCENT SLOPES
BAA	BUNCOMBE LOAMY SAND, 0 TO 3 PERCENT SLOPES, OCCASIONALLY FLOODED
CAA	CARTECAY-TOCCOA COMPLEX, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED
CEC2	CECIL SANDY LOAM, 6 TO 10 PERCENT SLOPES, MODERATELY ERODED
CPA	CONGAREE SANDY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED
CRA	CONGAREE-CARTECAY COMPLEX, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED
DAM	DAM
GAE	GROVER-MOUNTAIN PARK COMPLEX, 10 TO 20 PERCENT SLOPES, STONY
GAF	GROVER-MOUNTAIN PARK COMPLEX, 20 TO 60 PERCENT SLOPES, STONY
MDC2	MADISON-BETHLEHEM COMPLEX, 6 TO 10 PERCENT SLOPES, MODERATELY ERODED
PAD2	PACOLET SANDY LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED
PGC2	PACOLET-SAW COMPLEX, 6 TO 10 PERCENT SLOPES, MODERATELY ERODED, BOULDERY
RED	RION SANDY LOAM, 10 TO 15 PERCENT SLOPES
REE	RION SANDY LOAM, 15 TO 25 PERCENT SLOPES
ROE	RION-LOUISBURG COMPLEX, 10 TO 20 PERCENT SLOPES, BOULDERY
ROF	RION-LOUISBURG COMPLEX, 20 TO 35 PERCENT SLOPES, BOULDERY
W	WATER
WBA	WEHADKEE-CARTECAY COMPLEX, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED
WCB	WICKHAM SANDY LOAM, 2 TO 6 PERCENT SLOPES
WMD	WYNOTT-MECKLENBURG-WILKES COMPLEX, 6 TO 15 PERCENT SLOPES

PRIME
A Stratus Team Company

3715 NORTHSIDE PARKWAY NW
300 NORTHCREEK SUITE 200
ATLANTA, GEORGIA 30327
404.425.7100

PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

REVISIONS	NO.	DATE	DESCRIPTION
	A	11/13/24	30% DESIGN SUBMITTAL
	B	12/20/24	30% DESIGN RESUBMITTAL
	C	01/17/25	60% DESIGN SUBMITTAL
	D	02/28/25	80% DESIGN SUBMITTAL
	E	02/25/26	100% DESIGN SUBMITTAL

SEAL

#2

GEORGIA PROFESSIONAL ENGINEERING
KALYN L. KEENEY
No. 03881
KALYN@KEENEYLEWIS.COM
DATE: 02/25/2026

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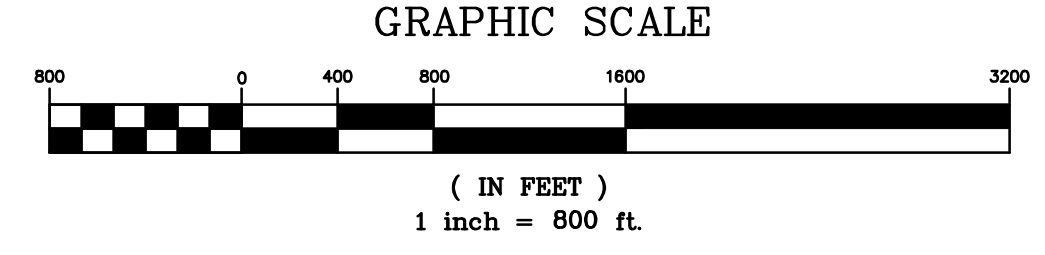
DRAWING TITLE
SOILS MAP

DRAWING DATE 02/25/2026	DRAWN BY JLN	DESIGNED BY JLN	CHECKED BY KIK
DRAWING SCALE AS SHOWN	PROJECT NUMBER 2024-0394	DRAWING NUMBER #B	ISSUED FOR CONSTRUCTION EC-005

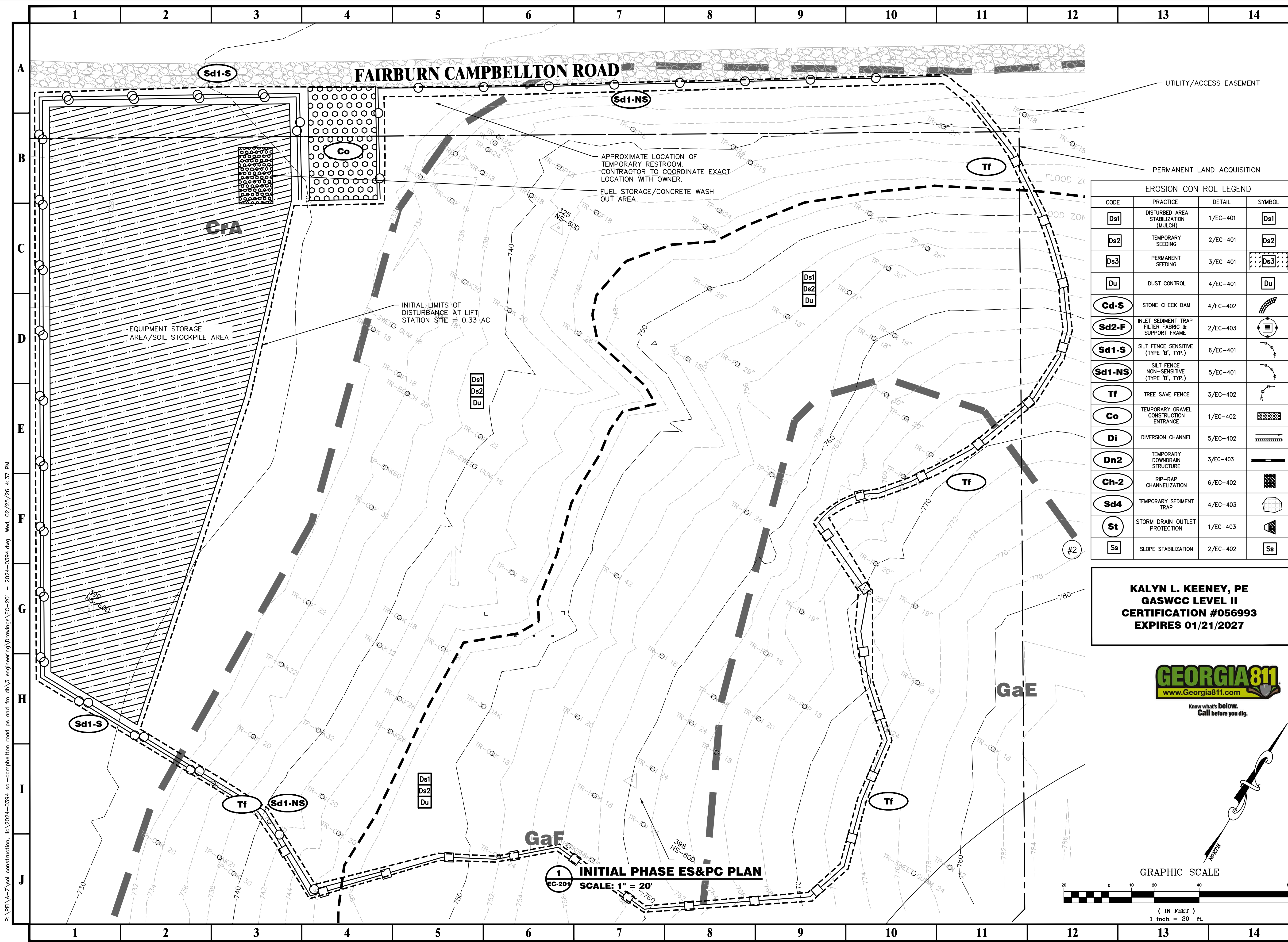


KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027

1 SOIL INFO MAP
SCALE: 1" = 800'

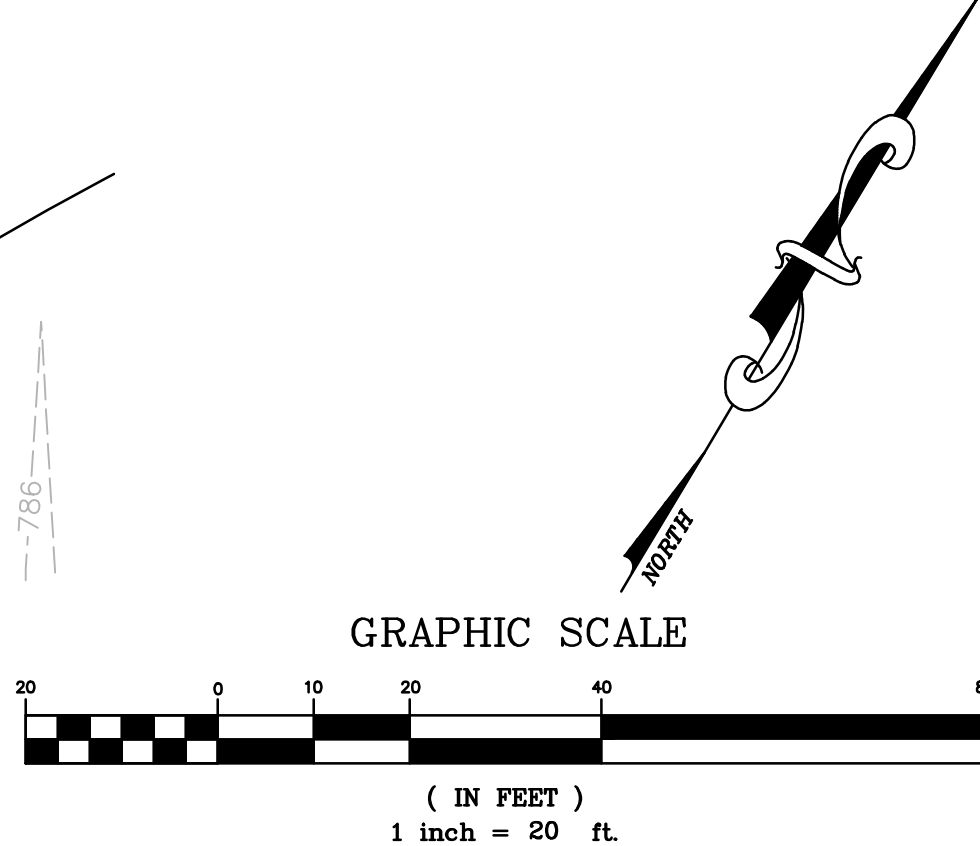


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EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
Sd2-F	INLET SEDIMENT TRAP FILTER FABRIC & SUPPORT FRAME	2/EC-403	Sd2-F
Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
Tf	TREE SAVE FENCE	3/EC-402	Tf
Co	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	1/EC-402	Co
Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DOWNDRAIN STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

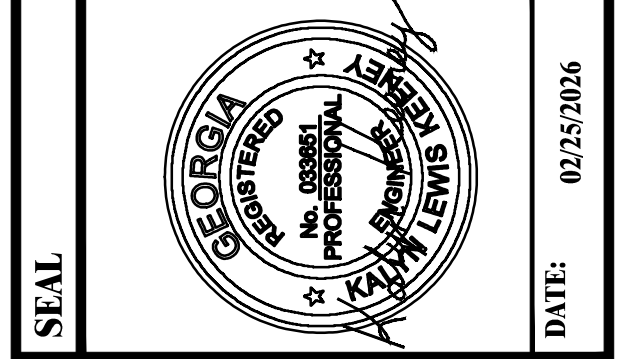
KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

REVISIONS	
NO.	DESCRIPTION
A	11/13/24 30% DESIGN SUBMITTAL
B	12/20/24 30% DESIGN RESUBMITTAL
C	01/17/25 60% DESIGN SUBMITTAL
D	02/28/25 80% DESIGN SUBMITTAL
E	02/25/26 100% DESIGN SUBMITTAL

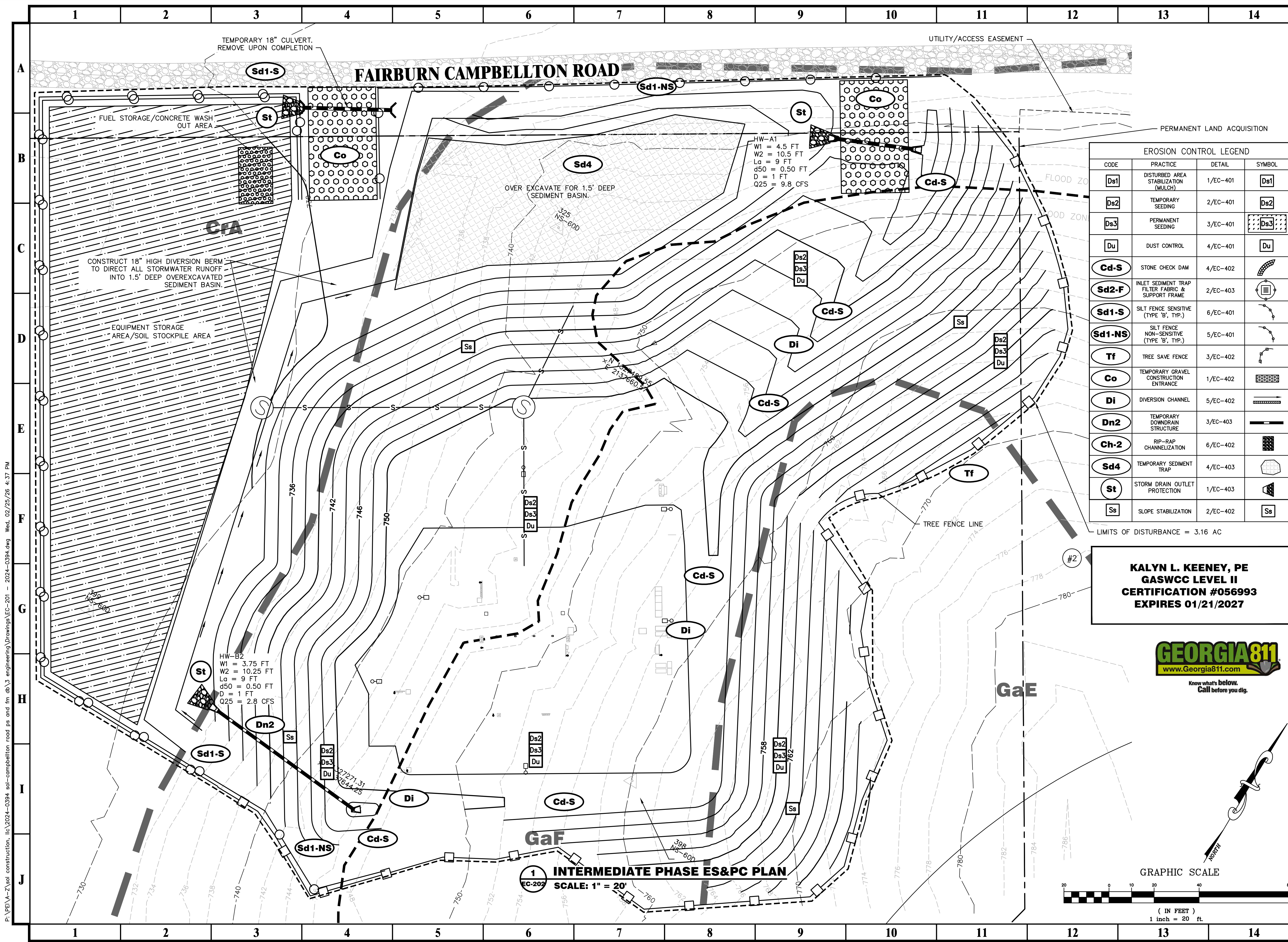


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DRAWING TITLE
INITIAL PHASE
ES&PC PLAN

DRAWING DATE	02/25/2026	DRAWN BY	JLN
DRAWING SCALE	1" = 20'	DESIGNED BY	JLN
PROJECT NUMBER	2024-0394	CHECKED BY	KLK
DRAWING NUMBER		ISSUED FOR CONSTRUCTION	EC-201

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TEMPORARY 18" CULVERT.
REMOVE UPON COMPLETION

UTILITY/ACCESS EASEMENT

FAIRBURN CAMPBELLTON ROAD

PERMANENT LAND ACQUISITION

FUEL STORAGE/CONCRETE WASH
OUT AREA

CONSTRUCT 18" HIGH DIVERSION BERM
TO DIRECT ALL STORMWATER RUNOFF
INTO 1.5' DEEP OVEREXCAVATED
SEDIMENT BASIN.

EQUIPMENT STORAGE
AREA/SOIL STOCKPILE AREA

OVER EXCAVATE FOR 1.5' DEEP
SEDIMENT BASIN.

HW-A1
W1 = 4.5 FT
W2 = 10.5 FT
L₀ = 9 FT
d50 = 0.50 FT
D = 1 FT
Q25 = 9.8 CFS

HW-B2
W1 = 3.75 FT
W2 = 10.25 FT
L₀ = 9 FT
d50 = 0.50 FT
D = 1 FT
Q25 = 2.8 CFS

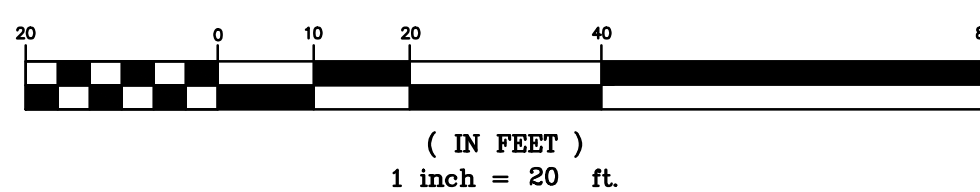
EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
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Co	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	1/EC-402	Co
Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DOWNDRAIN STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

LIMITS OF DISTURBANCE = 3.16 AC

KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



Know what's below.
Call before you dig.



1 INTERMEDIATE PHASE ES&PC PLAN
EC-202 SCALE: 1" = 20'

PRIME
A Stratus Team Company

3715 NORTHSIDE PARKWAY NW
300 NORTHCREEK SUITE 200
ATLANTA, GEORGIA 30327
404.425.7100

PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

REVISIONS	
NO.	DESCRIPTION
A	11/13/24 30% DESIGN SUBMITTAL
B	12/20/24 30% DESIGN RESUBMITTAL
C	01/17/25 60% DESIGN SUBMITTAL
D	02/28/25 80% DESIGN SUBMITTAL
E	02/25/26 100% DESIGN SUBMITTAL

SEAL

DATE: 02/25/2026

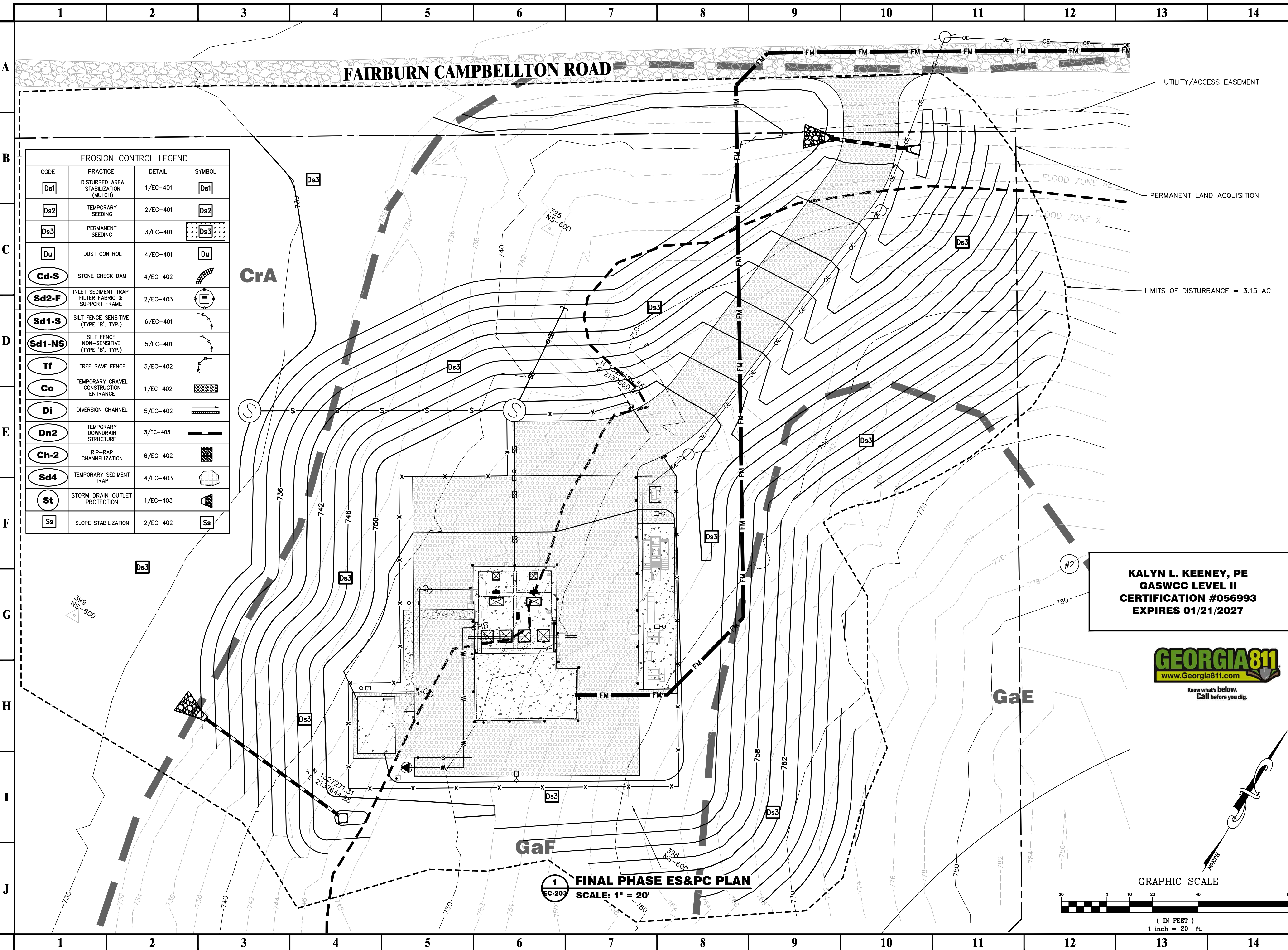
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DRAWING TITLE
INTERMEDIATE PHASE ES&PC PLAN

DRAWING DATE	02/25/2026
DRAWING SCALE	1" = 20'
PROJECT NUMBER	2024-0394
DRAWING NUMBER	EC-202
DRAWN BY	JLN
DESIGNED BY	JLN
CHECKED BY	KLK
ISSUED FOR CONSTRUCTION	

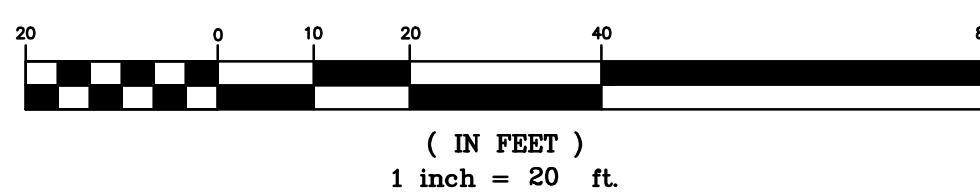
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EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
Sd2-F	INLET SEDIMENT TRAP FILTER FABRIC & SUPPORT FRAME	2/EC-403	Sd2-F
Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
Tf	TREE SAVE FENCE	3/EC-402	Tf
Co	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	1/EC-402	Co
Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DOWNDRAIN STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

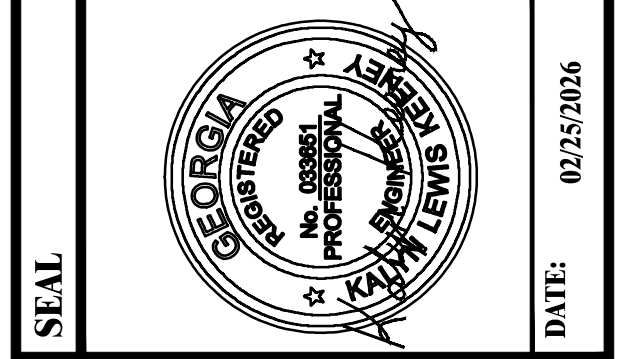
KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

REVISIONS	
NO.	DESCRIPTION
A	11/13/24 30% DESIGN SUBMITTAL
B	12/20/24 30% DESIGN RESUBMITTAL
C	01/17/25 60% DESIGN SUBMITTAL
D	02/28/25 80% DESIGN SUBMITTAL
E	02/25/26 100% DESIGN SUBMITTAL

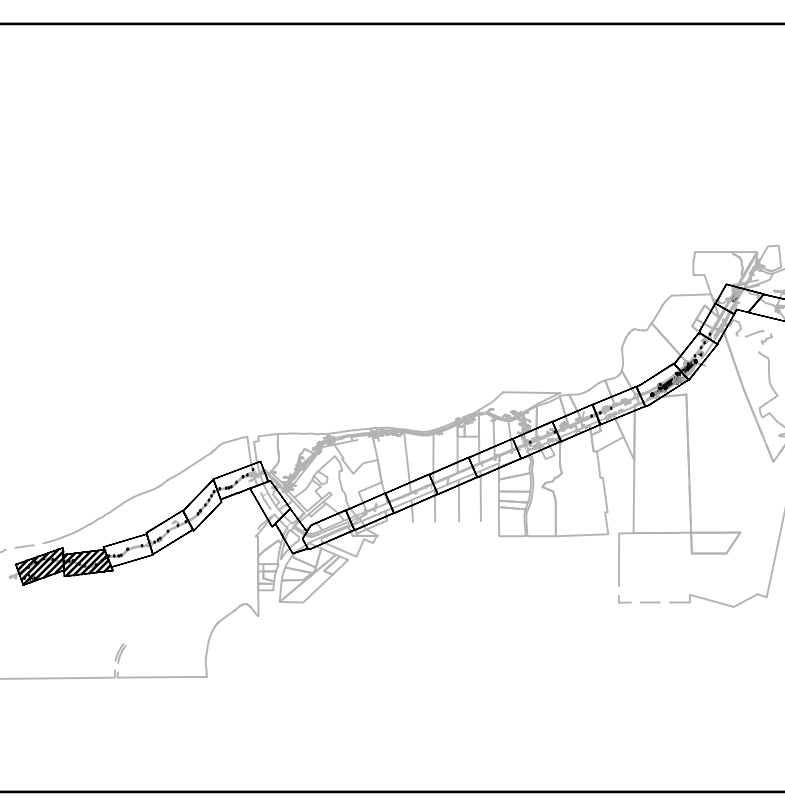
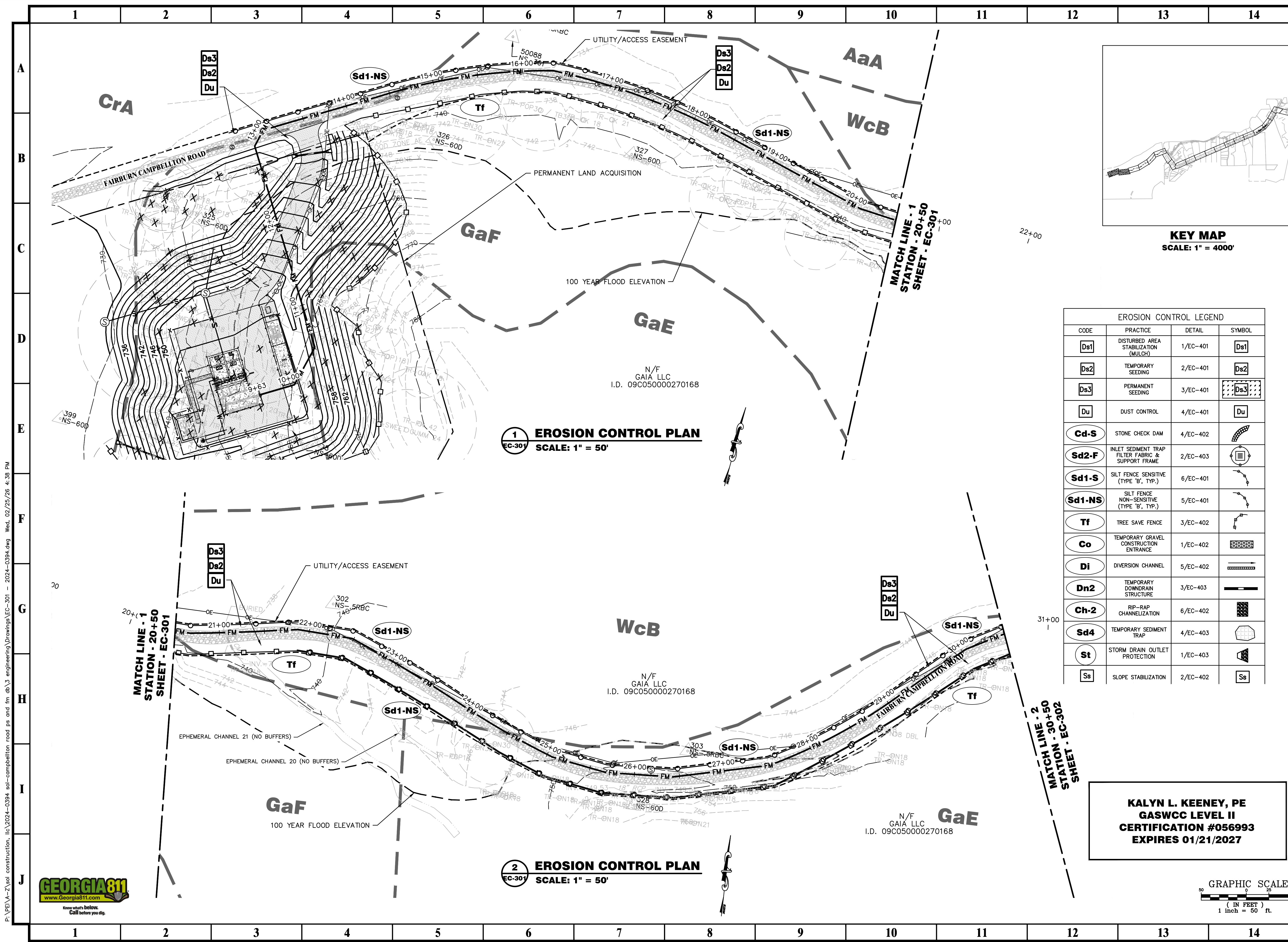


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DATE: 02/25/2026

DRAWING TITLE
FINAL PHASE
ES&PC PLAN

DRAWING DATE	02/25/2026	DRAWN BY	JLN
DRAWING SCALE	1" = 20'	DESIGNED BY	JLN
PROJECT NUMBER	2024-0394	CHECKED BY	KLK
DRAWING NUMBER	EC-203	ISSUED FOR CONSTRUCTION	

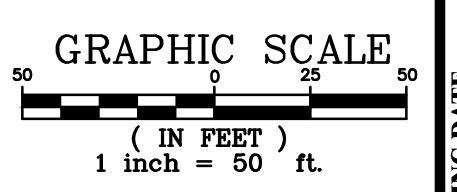


EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
Sd2-F	INLET SEDIMENT TRAP FILTER FABRIC & SUPPORT FRAME	2/EC-403	Sd2-F
Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
Tf	TREE SAVE FENCE	3/EC-402	Tf
Co	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	1/EC-402	Co
Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DOWNDRAIN STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

1 EROSION CONTROL PLAN
SCALE: 1" = 50'

2 EROSION CONTROL PLAN
SCALE: 1" = 50'

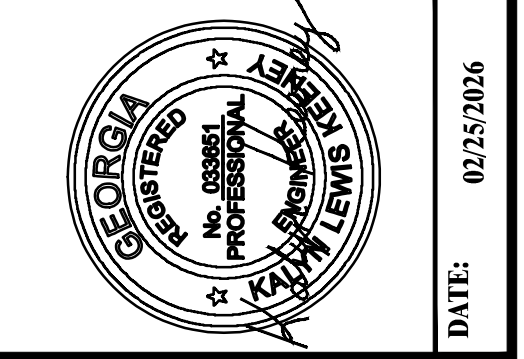
KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

REVISIONS	
NO.	DATE
A	11/13/24
B	12/20/24
C	01/17/25
D	02/28/25
E	02/25/26



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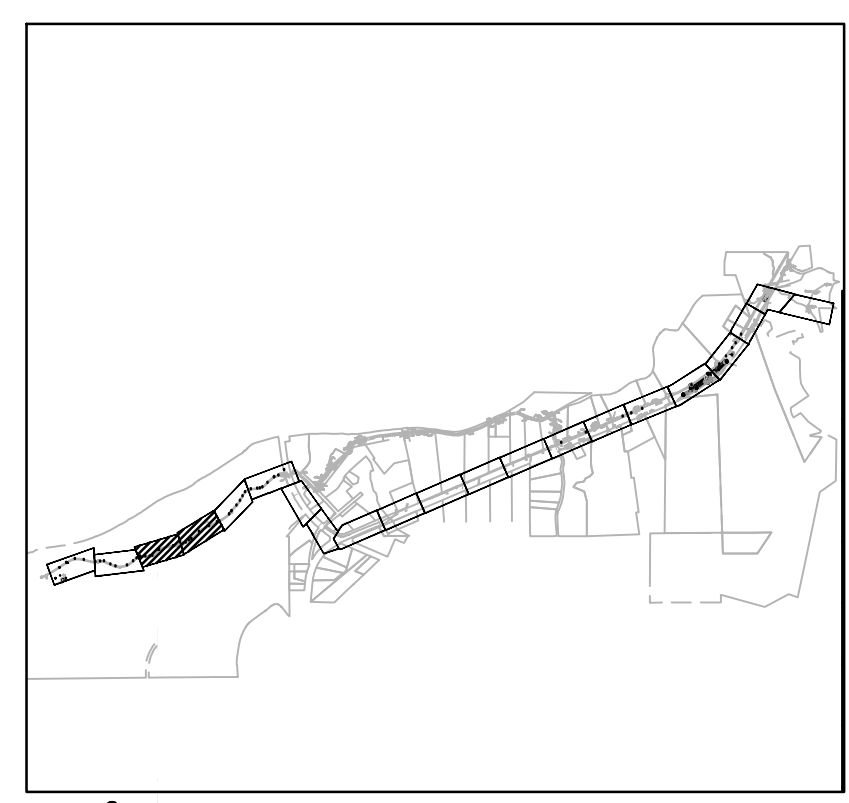
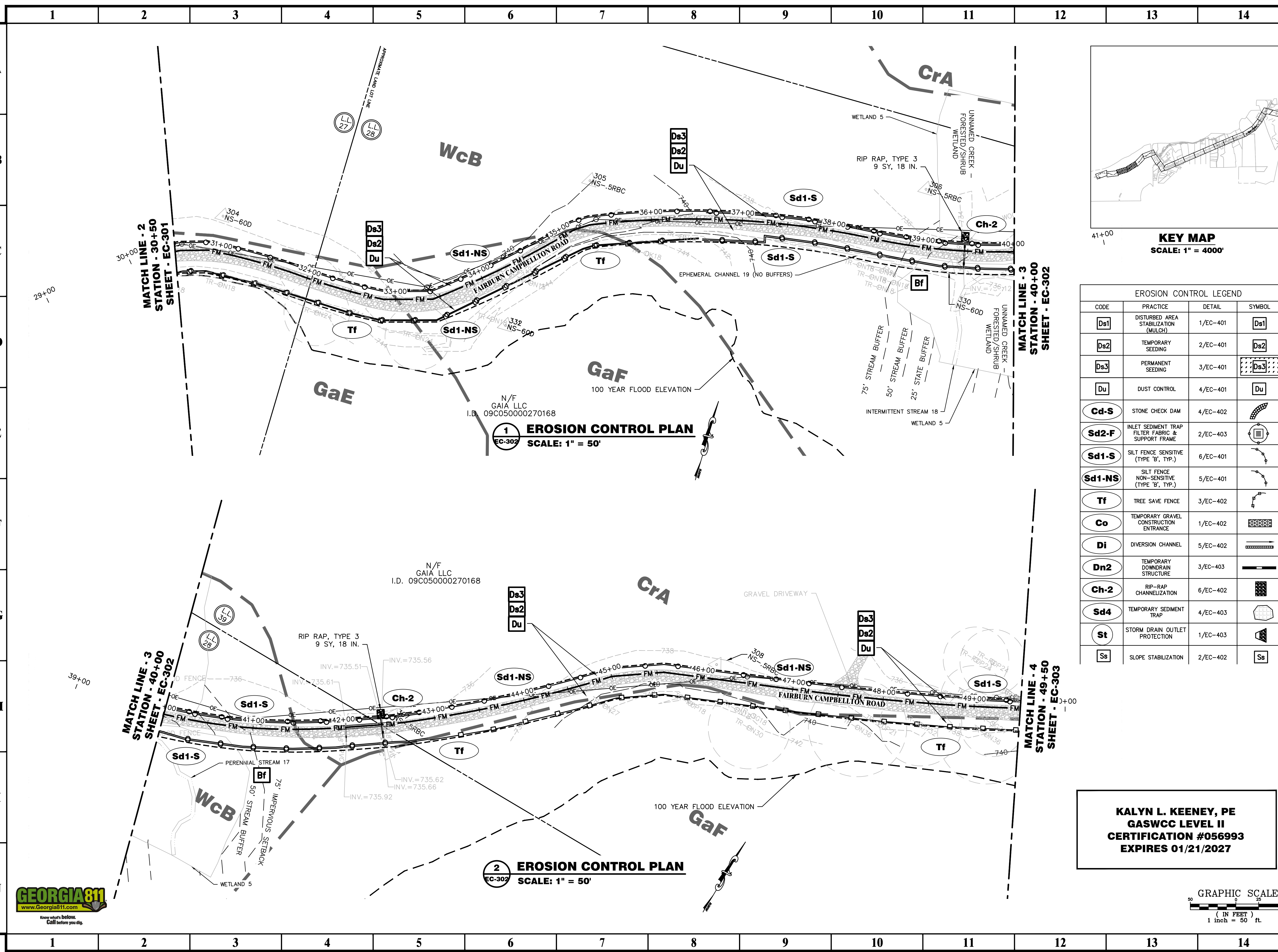
EROSION CONTROL PLAN

DRAWING DATE	02/25/2026
DRAWING SCALE	AS SHOWN
PROJECT NUMBER	2024-0394
DRAWING NUMBER	EC-301
DRAWN BY	JLN
DESIGNED BY	JLN
CHECKED BY	KLK
ISSUED FOR CONSTRUCTION	

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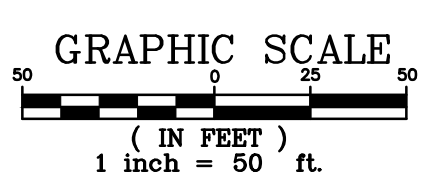


EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
Sd2-F	INLET SEDIMENT TRAP FILTER FABRIC & SUPPORT FRAME	2/EC-403	Sd2-F
Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
Tf	TREE SAVE FENCE	3/EC-402	Tf
Co	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	1/EC-402	Co
Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DOWNDRAIN STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

1 EROSION CONTROL PLAN
SCALE: 1" = 50'

2 EROSION CONTROL PLAN
SCALE: 1" = 50'

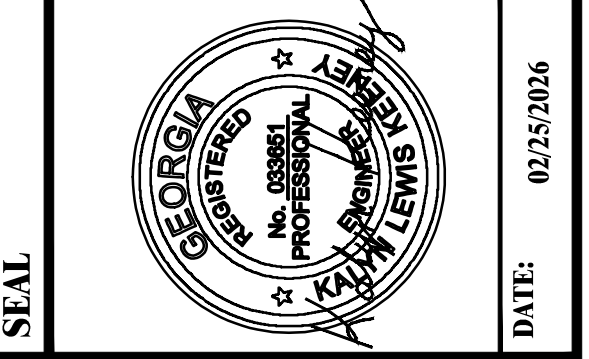
KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

REVISIONS	
NO.	DESCRIPTION
A	11/13/24 30% DESIGN SUBMITTAL
B	12/20/24 30% DESIGN RESUBMITTAL
C	01/17/25 60% DESIGN SUBMITTAL
D	02/28/25 80% DESIGN SUBMITTAL
E	02/25/26 100% DESIGN SUBMITTAL



SEAL

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DRAWING TITLE

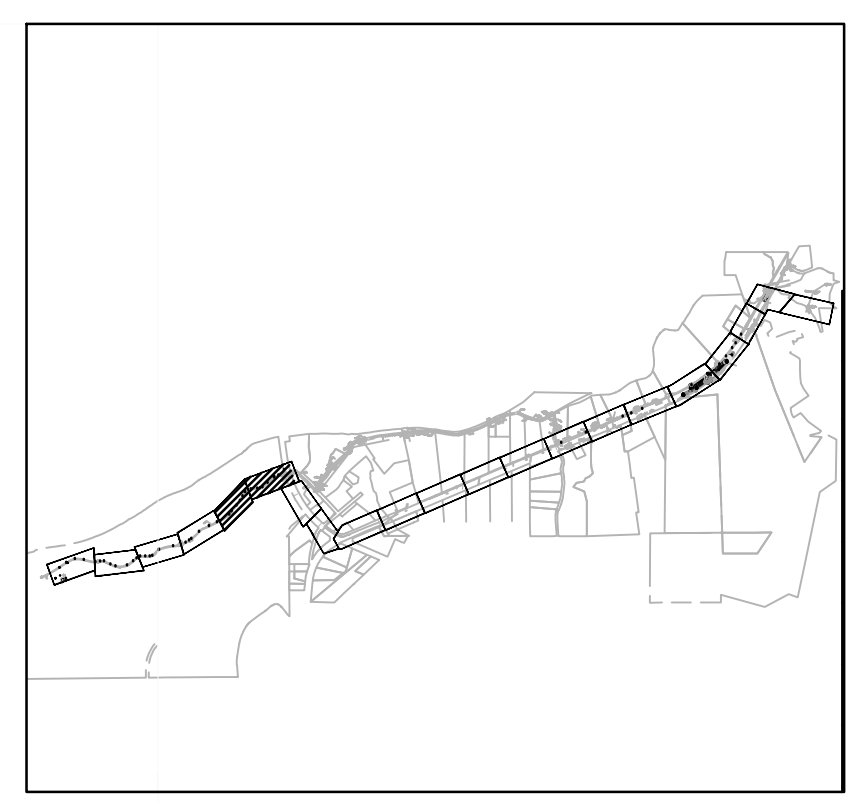
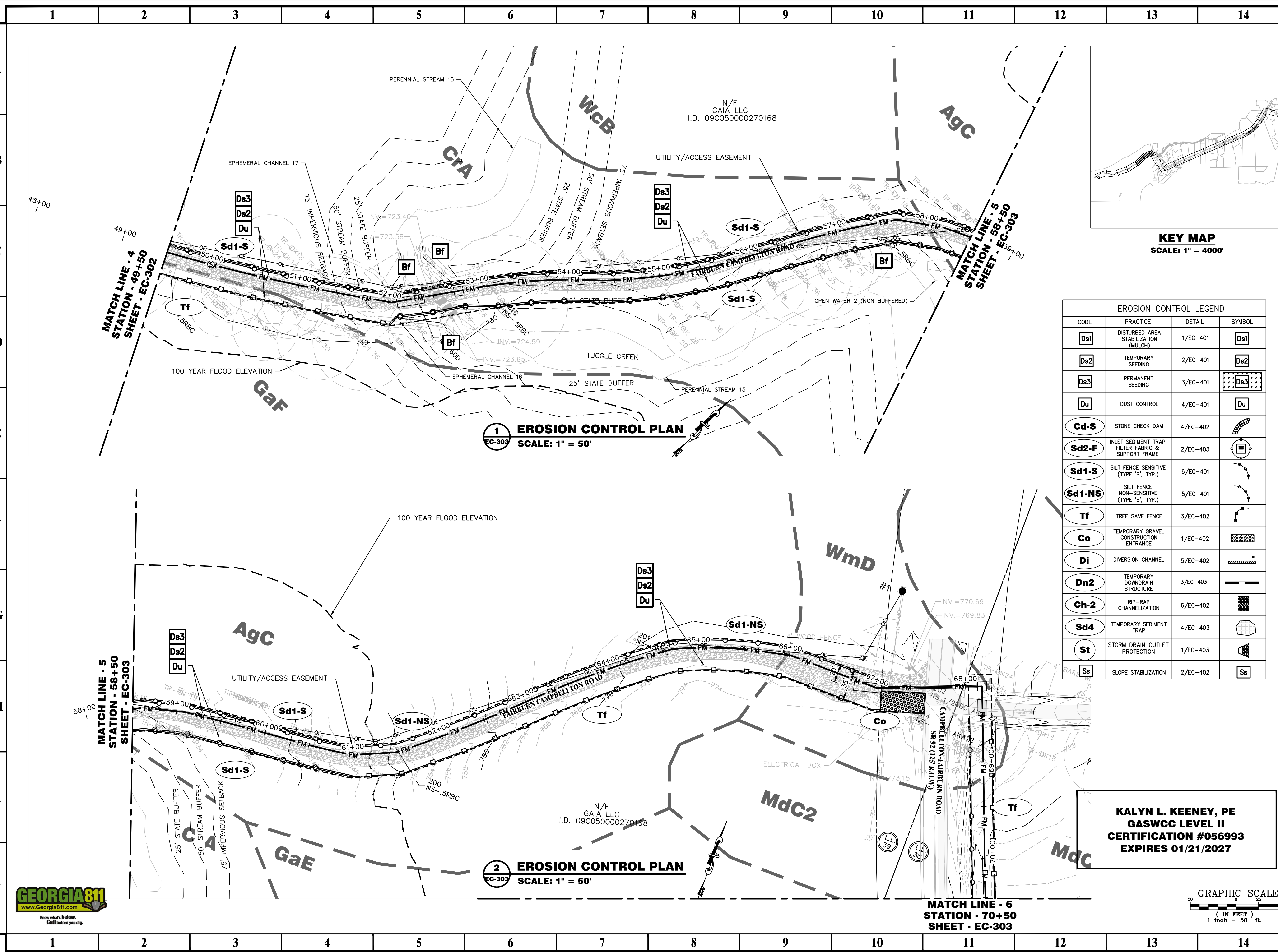
EROSION CONTROL PLAN

DRAWING DATE	02/25/2026
DRAWING SCALE	AS SHOWN
PROJECT NUMBER	2024-0394
DRAWING NUMBER	EC-302

DRAWN BY: JLN
DESIGNED BY: JLN
CHECKED BY: KJK

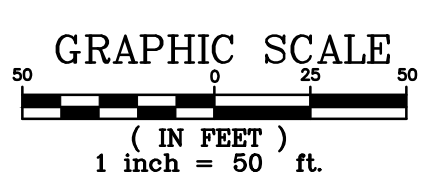
ISSUED FOR CONSTRUCTION

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EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
Sd2-F	INLET SEDIMENT TRAP FILTER FABRIC & SUPPORT FRAME	2/EC-403	Sd2-F
Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
Tf	TREE SAVE FENCE	3/EC-402	Tf
Co	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	1/EC-402	Co
Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DOWNDRAIN STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

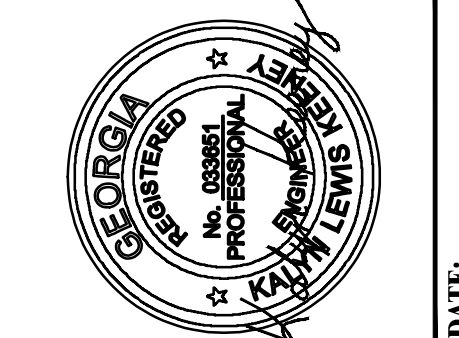
KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

REVISIONS	
NO.	DESCRIPTION
A	11/13/24 30% DESIGN SUBMITTAL
B	12/20/24 30% DESIGN RESUBMITTAL
C	01/17/25 60% DESIGN SUBMITTAL
D	02/28/25 80% DESIGN SUBMITTAL
E	02/25/26 100% DESIGN SUBMITTAL



SEAL

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DRAWING TITLE

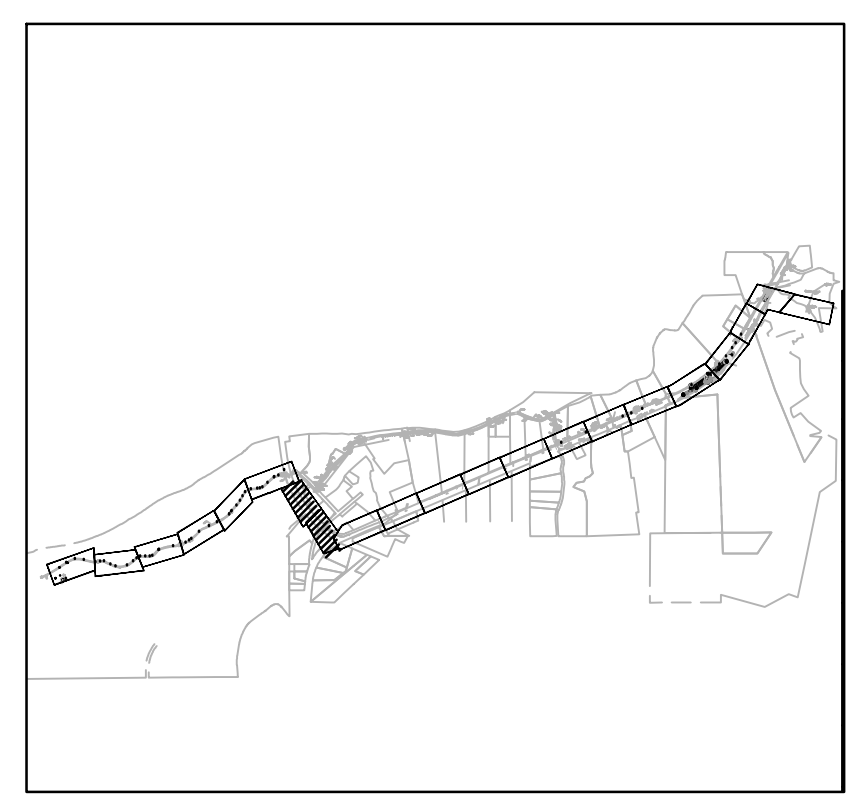
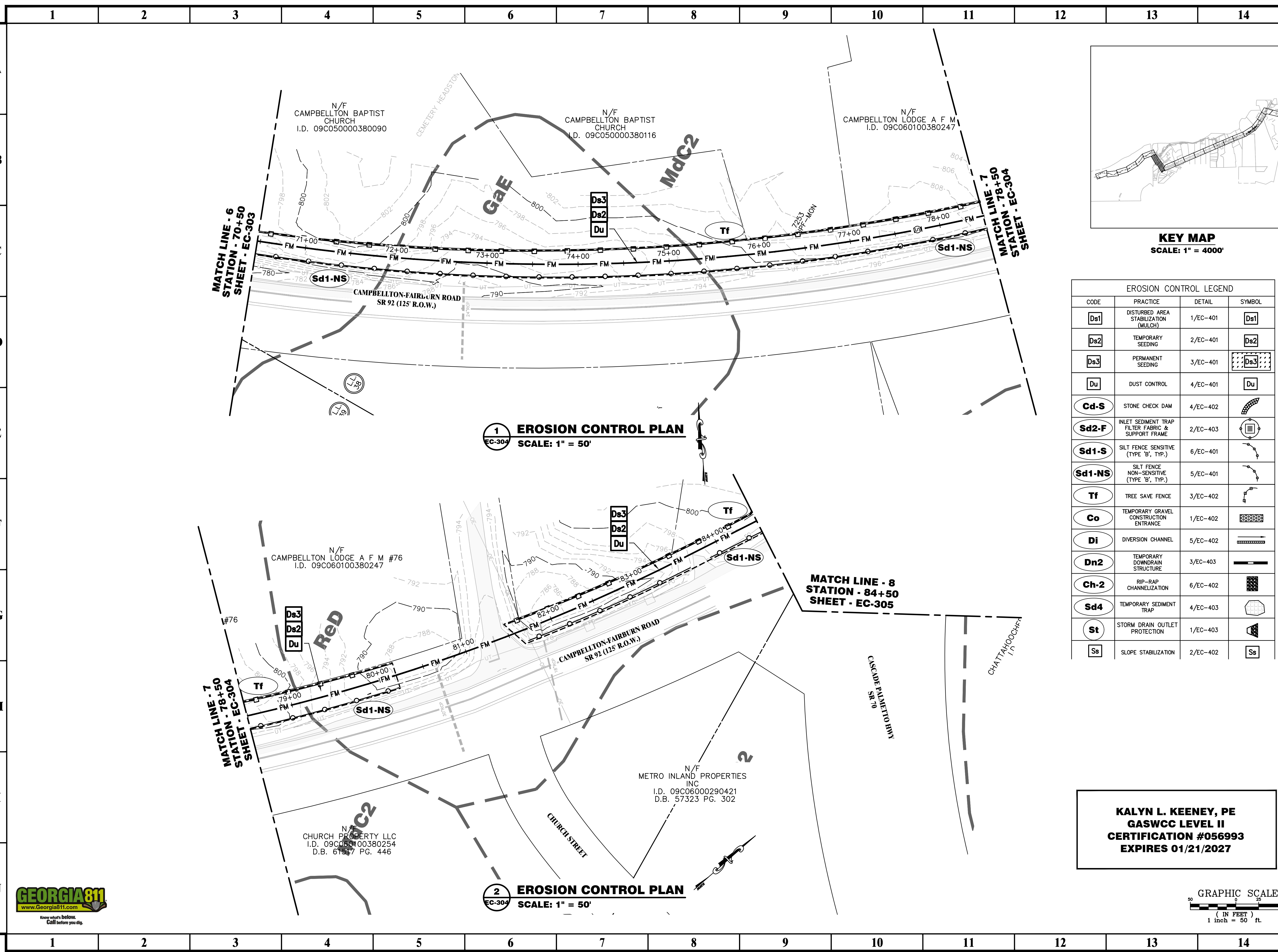
EROSION CONTROL PLAN

DRAWING DATE	02/25/2026
DRAWING SCALE	AS SHOWN
PROJECT NUMBER	2024-0394
DRAWING NUMBER	EC-303

ISSUED FOR CONSTRUCTION



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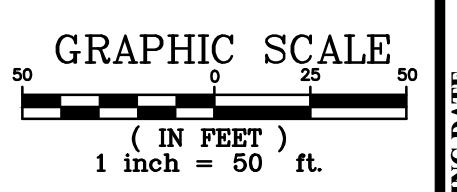


EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
Sd1-F	INLET SEDIMENT TRAP FILTER FABRIC & SUPPORT FRAME	2/EC-403	Sd1-F
Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
Tf	TREE SAVE FENCE	3/EC-402	Tf
Co	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	1/EC-402	Co
Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DOWNDRAIN STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

1 EROSION CONTROL PLAN
SCALE: 1" = 50'

2 EROSION CONTROL PLAN
SCALE: 1" = 50'

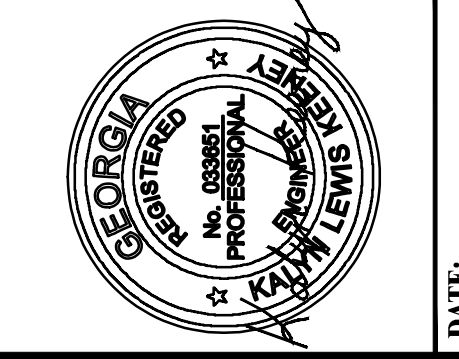
KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

REVISIONS	
NO.	DESCRIPTION
A	11/13/24 30% DESIGN SUBMITTAL
B	12/20/24 30% DESIGN RESUBMITTAL
C	01/17/25 60% DESIGN SUBMITTAL
D	02/28/25 80% DESIGN SUBMITTAL
E	02/25/26 100% DESIGN SUBMITTAL



DATE: 02/25/2026

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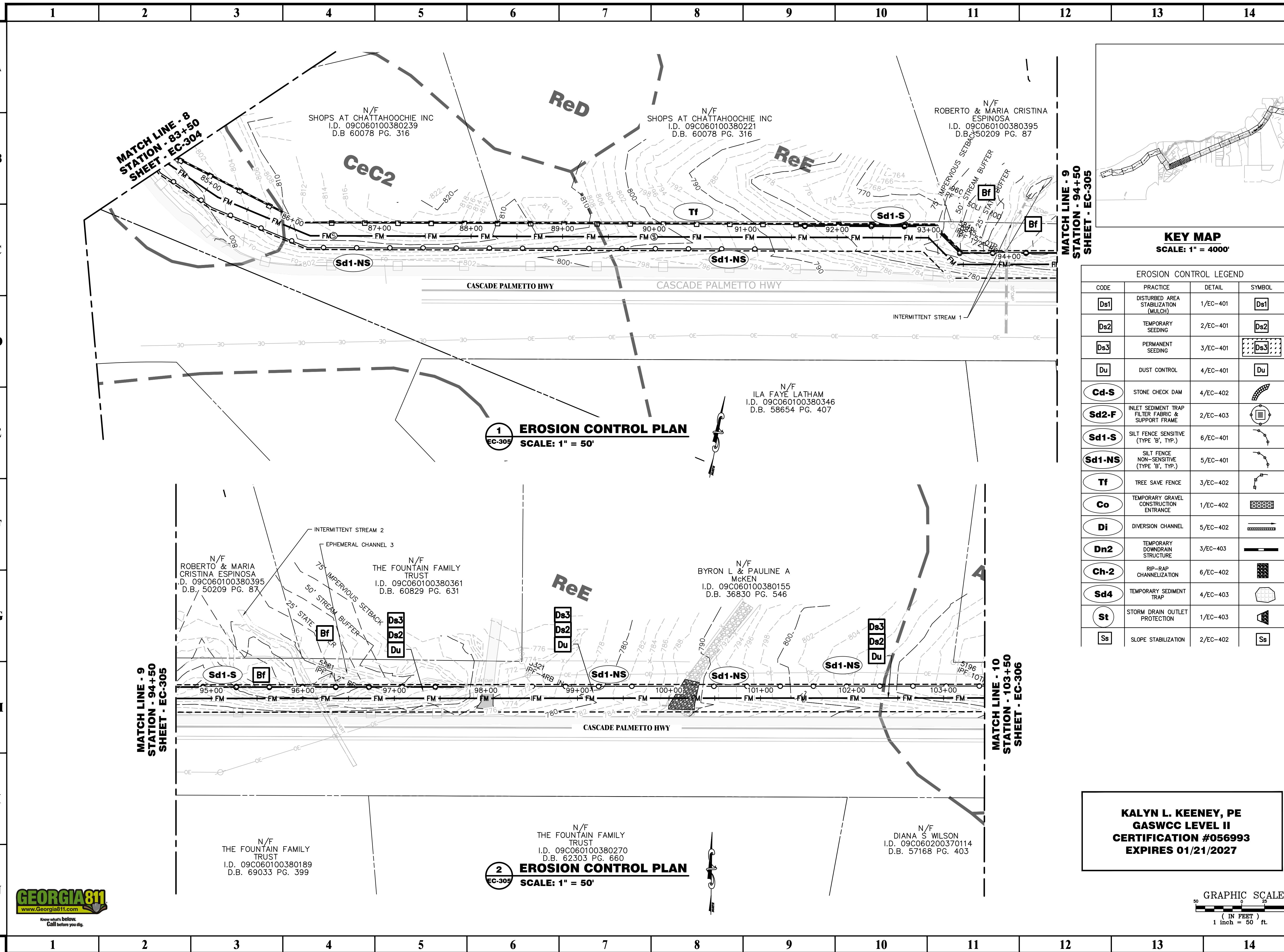
EROSION CONTROL PLAN

DRAWING DATE	02/25/2026
DRAWING SCALE	AS SHOWN
PROJECT NUMBER	2024-0394
DRAWING NUMBER	EC-304

ISSUED FOR CONSTRUCTION

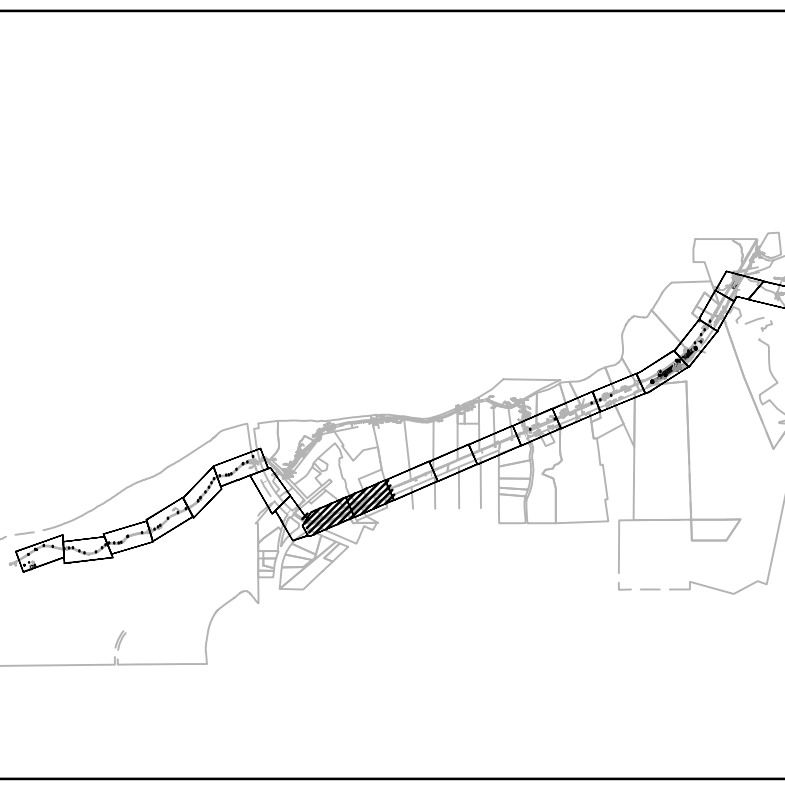


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1 EROSION CONTROL PLAN
SCALE: 1" = 50'

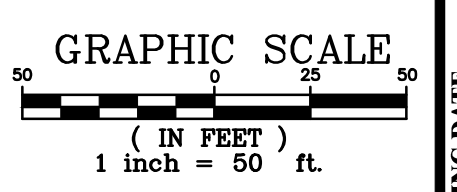
2 EROSION CONTROL PLAN
SCALE: 1" = 50'



KEY MAP
SCALE: 1" = 4000'

EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
Sd2-F	INLET SEDIMENT TRAP FILTER FABRIC & SUPPORT FRAME	2/EC-403	Sd2-F
Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
Tf	TREE SAVE FENCE	3/EC-402	Tf
Co	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	1/EC-402	Co
Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DOWNDRAIN STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

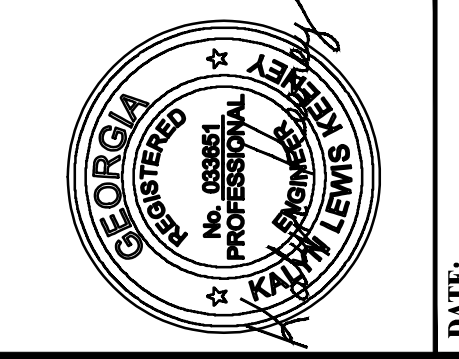
KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



PROJECT:
CAMPBELLTON ROAD PUMP STATION AND FORCE MAIN

PREPARED FOR:
FULTON COUNTY DEPARTMENT OF PUBLIC WORKS

REVISIONS	
NO.	DESCRIPTION
A	11/13/24 30% DESIGN SUBMITTAL
B	12/20/24 30% DESIGN RESUBMITTAL
C	01/17/25 60% DESIGN SUBMITTAL
D	02/26/25 80% DESIGN SUBMITTAL
E	02/25/26 100% DESIGN SUBMITTAL



DATE: 02/25/2026

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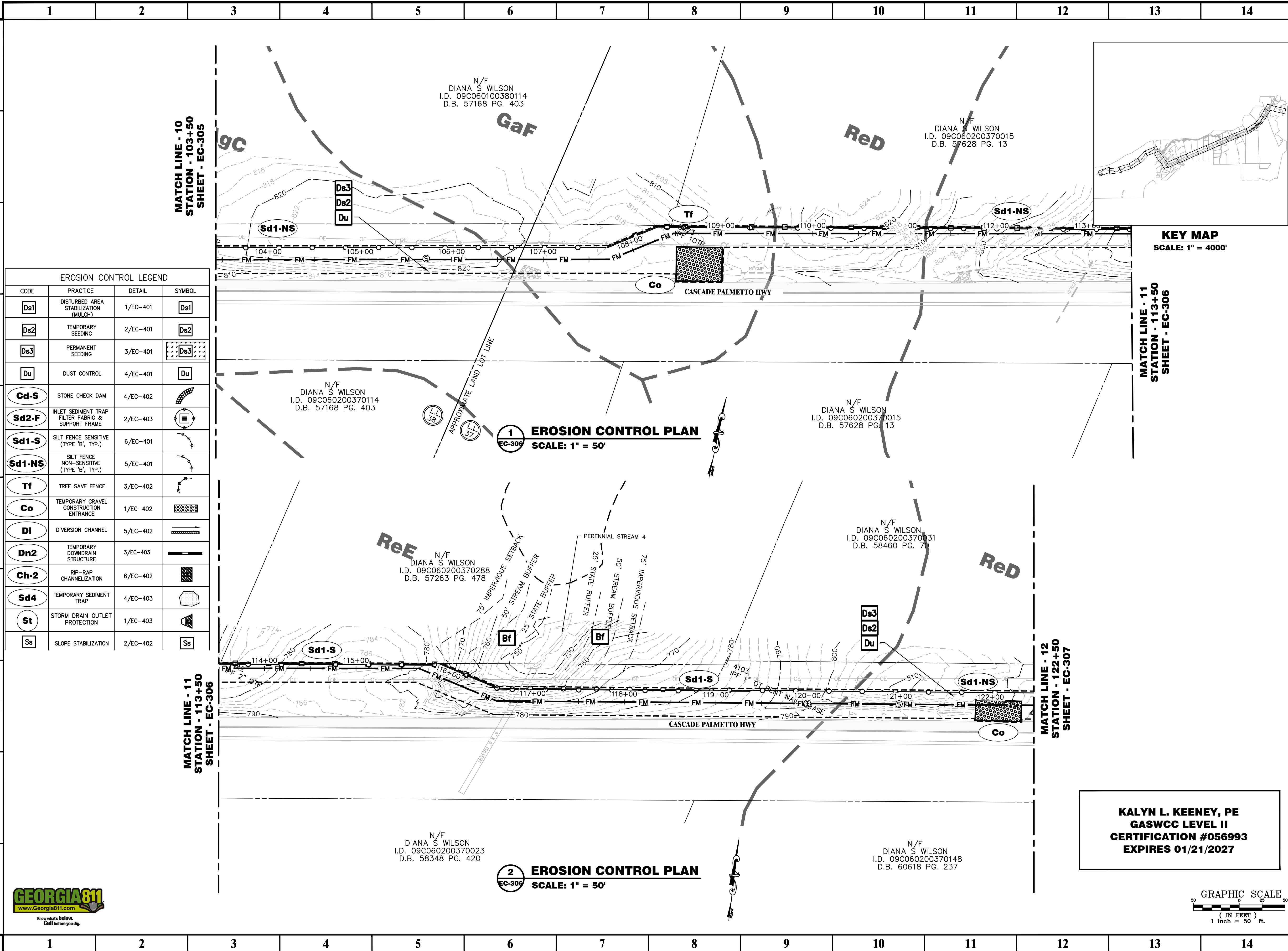
EROSION CONTROL PLAN

DRAWING DATE	02/25/2026
DRAWING SCALE	AS SHOWN
PROJECT NUMBER	2024-0394
DRAWING NUMBER	EC-305

ISSUED FOR CONSTRUCTION



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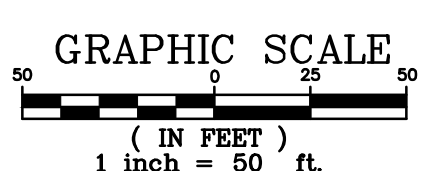


EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
Sd2-F	INLET SEDIMENT TRAP FILTER FABRIC & SUPPORT FRAME	2/EC-403	Sd2-F
Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
Tf	TREE SAVE FENCE	3/EC-402	Tf
Co	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	1/EC-402	Co
Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DOWNDRAIN STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

1 EROSION CONTROL PLAN
SCALE: 1" = 50'

2 EROSION CONTROL PLAN
SCALE: 1" = 50'

KEY MAP
SCALE: 1" = 4000'



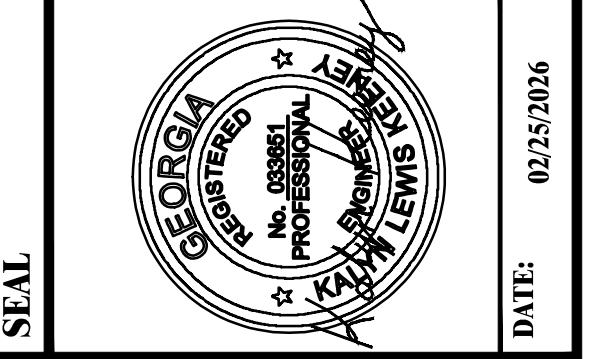
KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

NO.	DATE	DESCRIPTION
A	11/13/24	30% DESIGN SUBMITTAL
B	12/20/24	30% DESIGN RESUBMITTAL
C	01/17/25	60% DESIGN SUBMITTAL
D	02/26/25	80% DESIGN SUBMITTAL
E	02/25/26	100% DESIGN SUBMITTAL



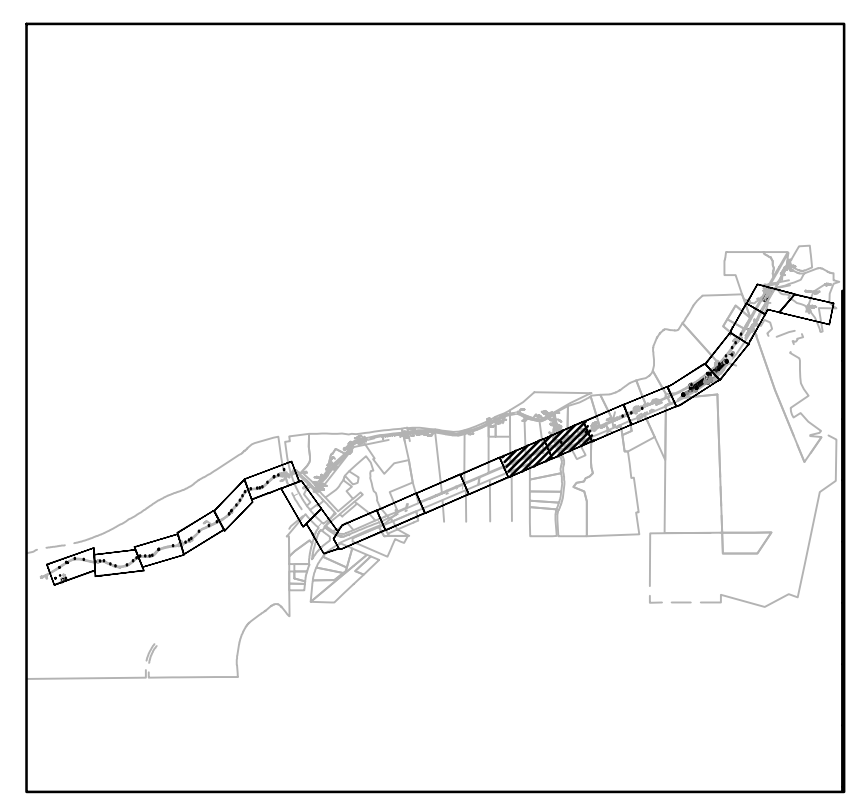
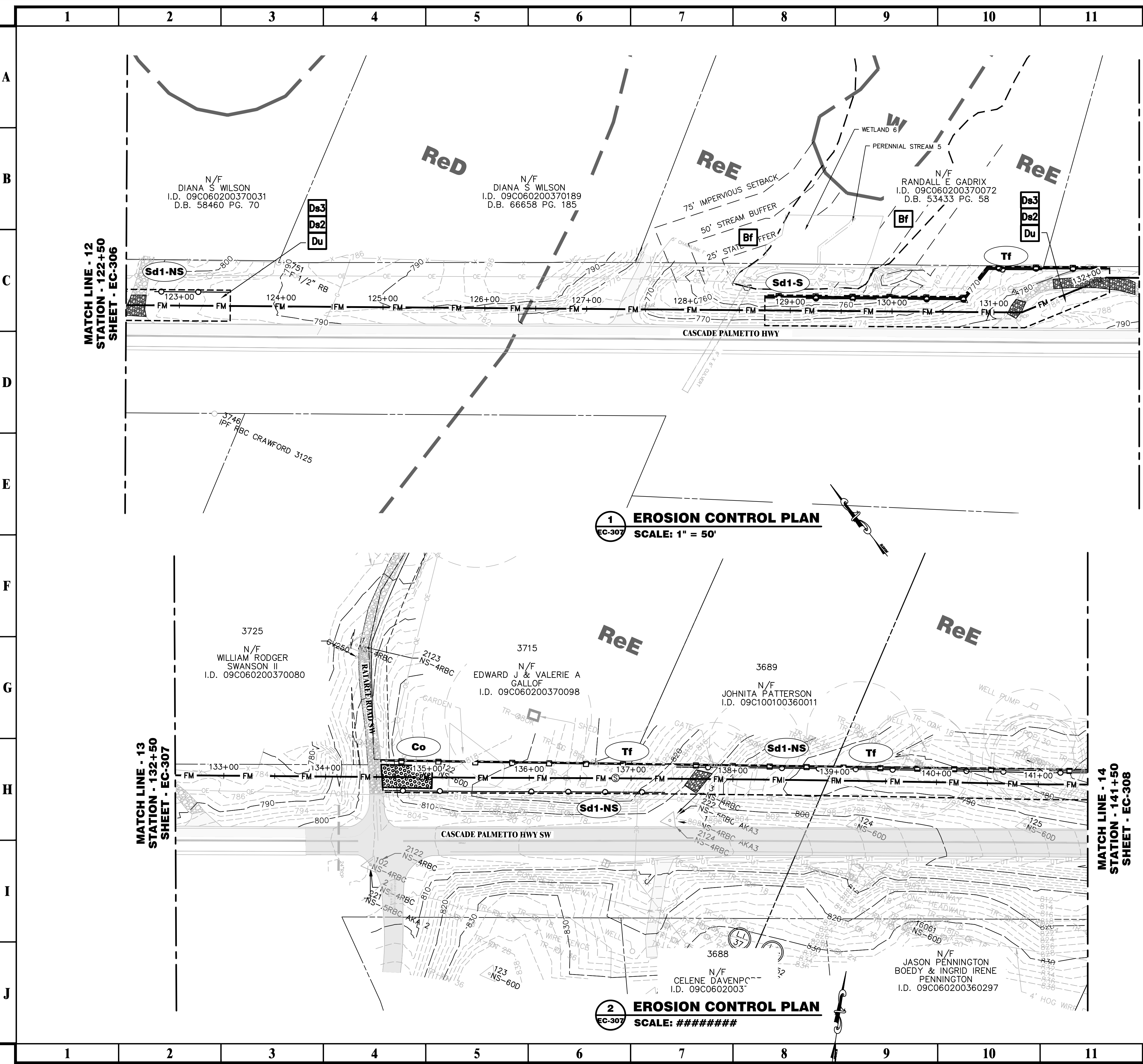
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EROSION CONTROL PLAN

DRAWING DATE	02/25/2026
DRAWING SCALE	AS SHOWN
PROJECT NUMBER	2024-0394
DRAWING NUMBER	EC-306

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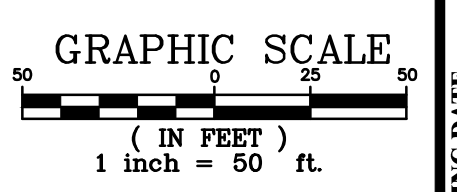
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MATCH LINE - 13
STATION - 132+50
SHEET - EC-307

EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
Sd2-F	INLET SEDIMENT TRAP FILTER FABRIC & SUPPORT FRAME	2/EC-403	Sd2-F
Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
Tf	TREE SAVE FENCE	3/EC-402	Tf
Co	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	1/EC-402	Co
Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DOWNDRAIN STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

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CERTIFICATION #056993
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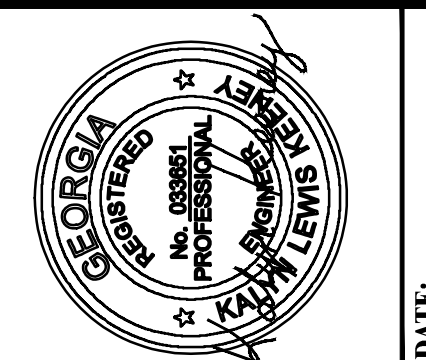
PRIME
A Stratus Team Company

3715 NORTHSIDE PARKWAY NW
300 NORTHCREEK SUITE 200
ATLANTA, GEORGIA 30327
404.425.7100

PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

NO.	DATE	DESCRIPTION
A	11/13/24	30% DESIGN SUBMITTAL
B	12/20/24	30% DESIGN RESUBMITTAL
C	01/17/25	60% DESIGN SUBMITTAL
D	02/26/25	80% DESIGN SUBMITTAL
E	02/25/26	100% DESIGN SUBMITTAL

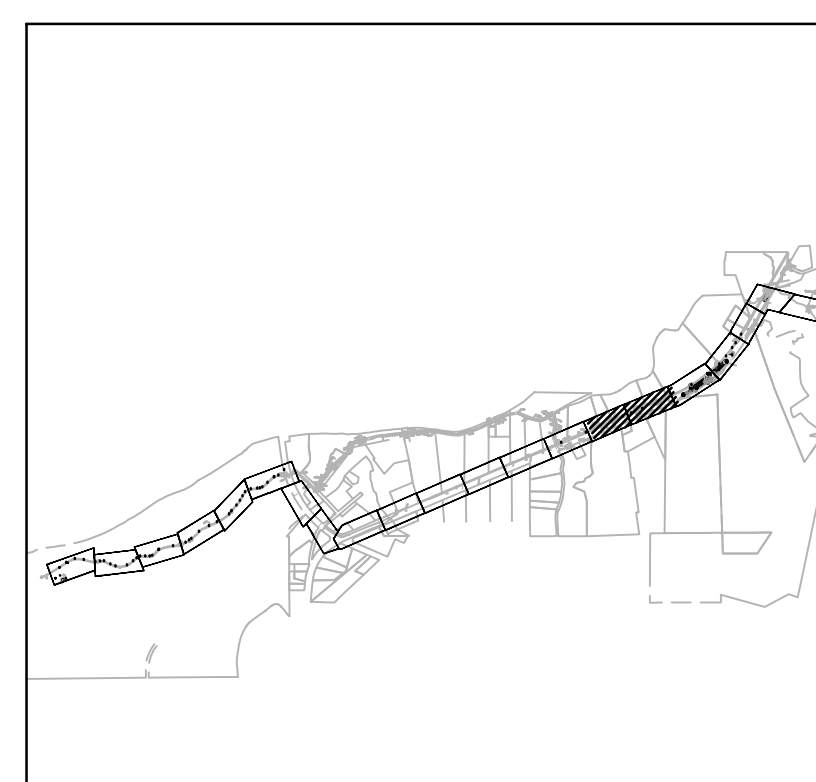
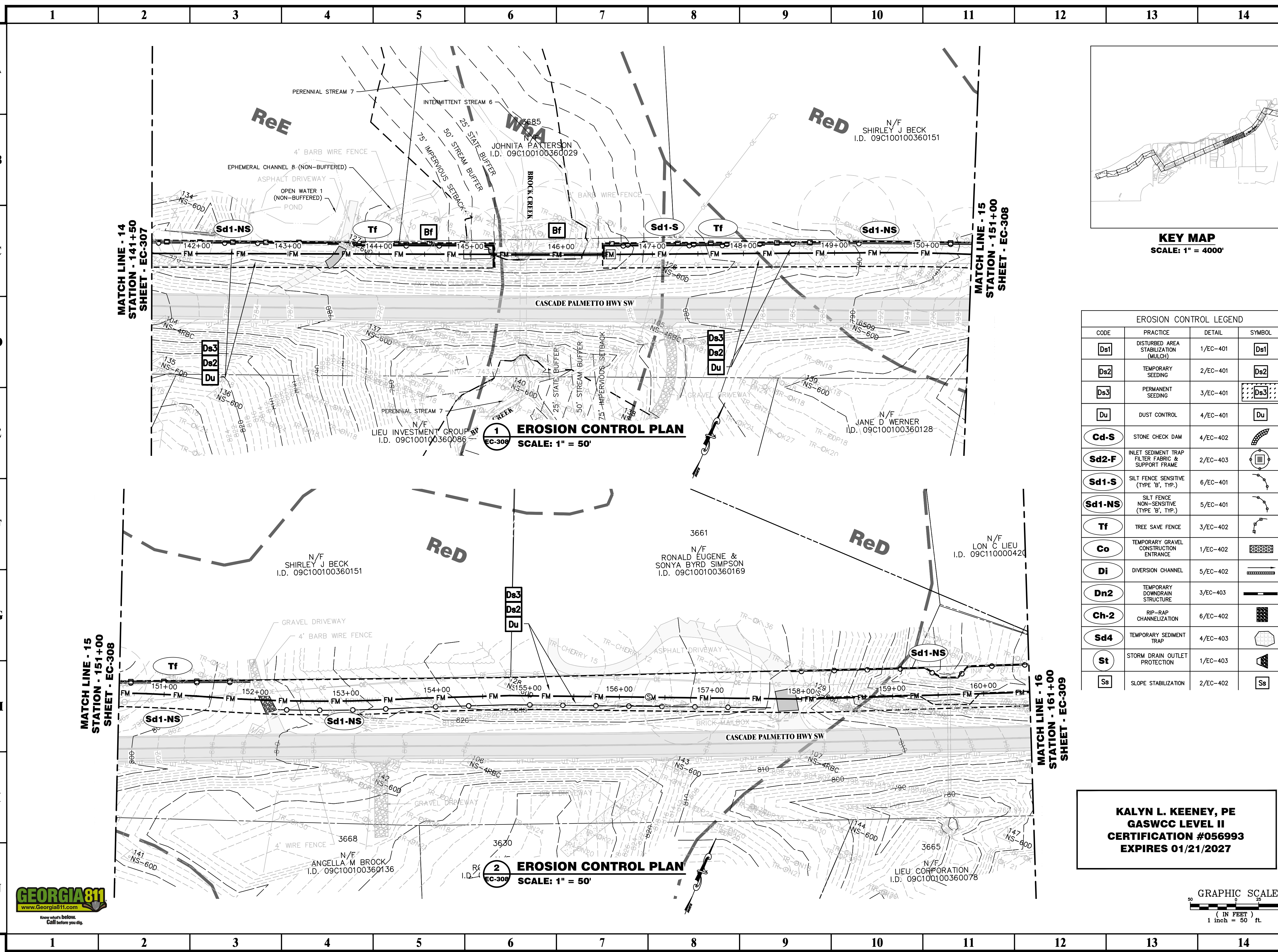


DATE: 02/25/2026

EROSION CONTROL PLAN

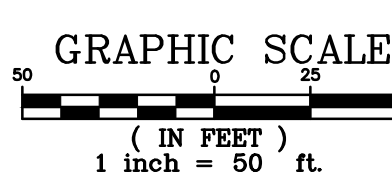
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DRAWING SCALE	AS SHOWN	PROJECT NUMBER	2024-0394	DRAWING NUMBER		
DRAWING TITLE						
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EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
Sd2-F	INLET SEDIMENT TRAP FILTER FABRIC & SUPPORT FRAME	2/EC-403	Sd2-F
Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
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Di	DIVERSION CHANNEL	5/EC-402	Di
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Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

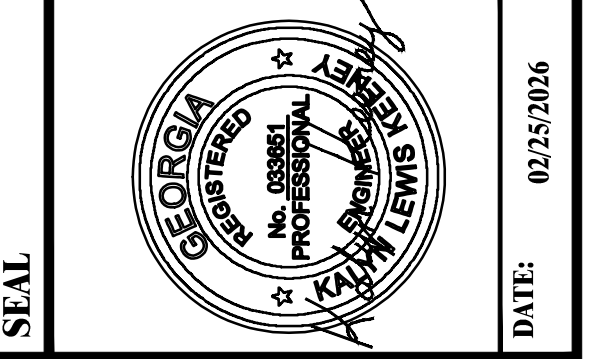
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GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
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REVISIONS	
NO.	DATE
A	11/13/24
B	12/20/24
C	01/17/25
D	02/28/25
E	02/25/26

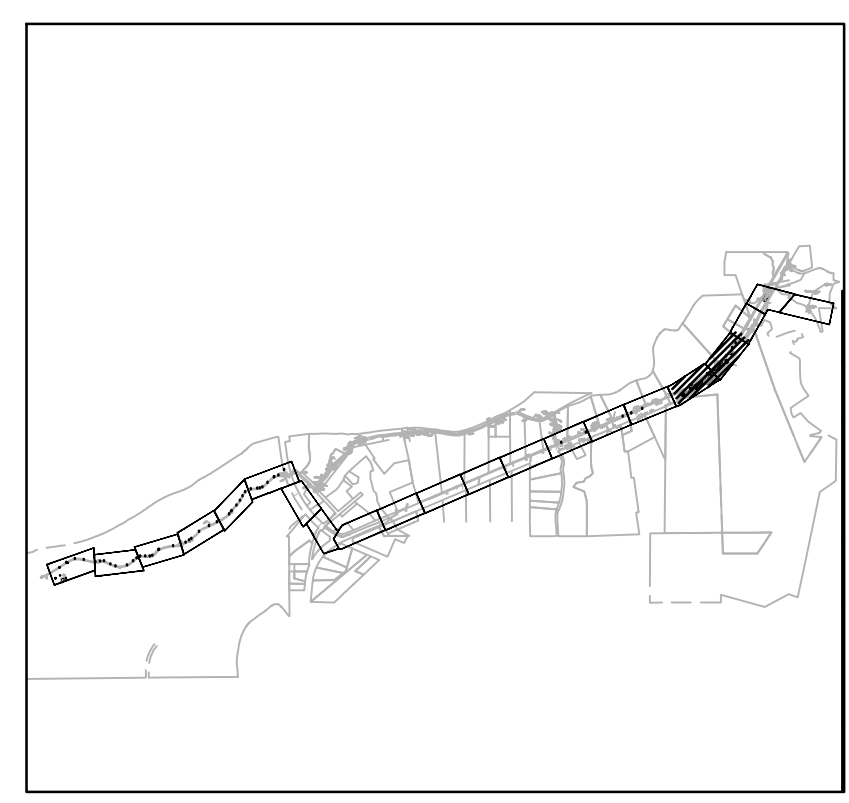
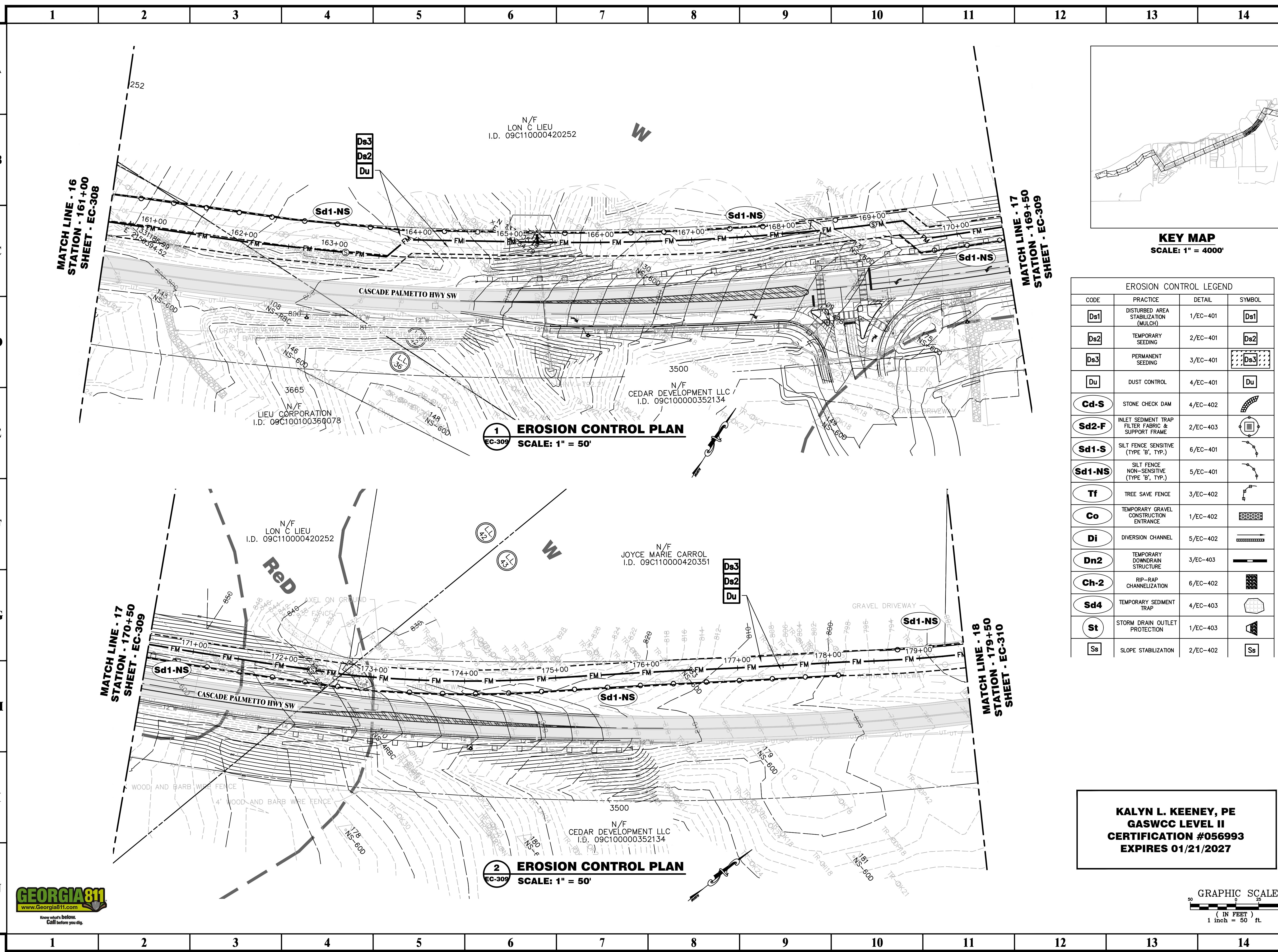


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EROSION CONTROL PLAN

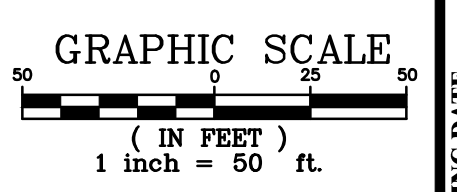
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DRAWING SCALE	AS SHOWN
PROJECT NUMBER	2024-0394
DRAWING NUMBER	EC-308
DRAWN BY	JLN
DESIGNED BY	JLN
CHECKED BY	KLK
ISSUED FOR CONSTRUCTION	

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EROSION CONTROL LEGEND			
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Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
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Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DOWNDRAIN STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

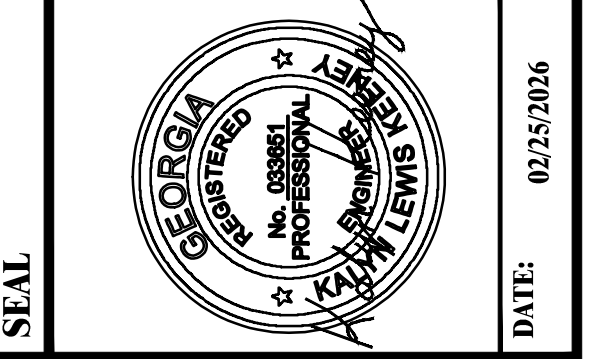
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GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
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DRAWING TITLE

EROSION CONTROL PLAN

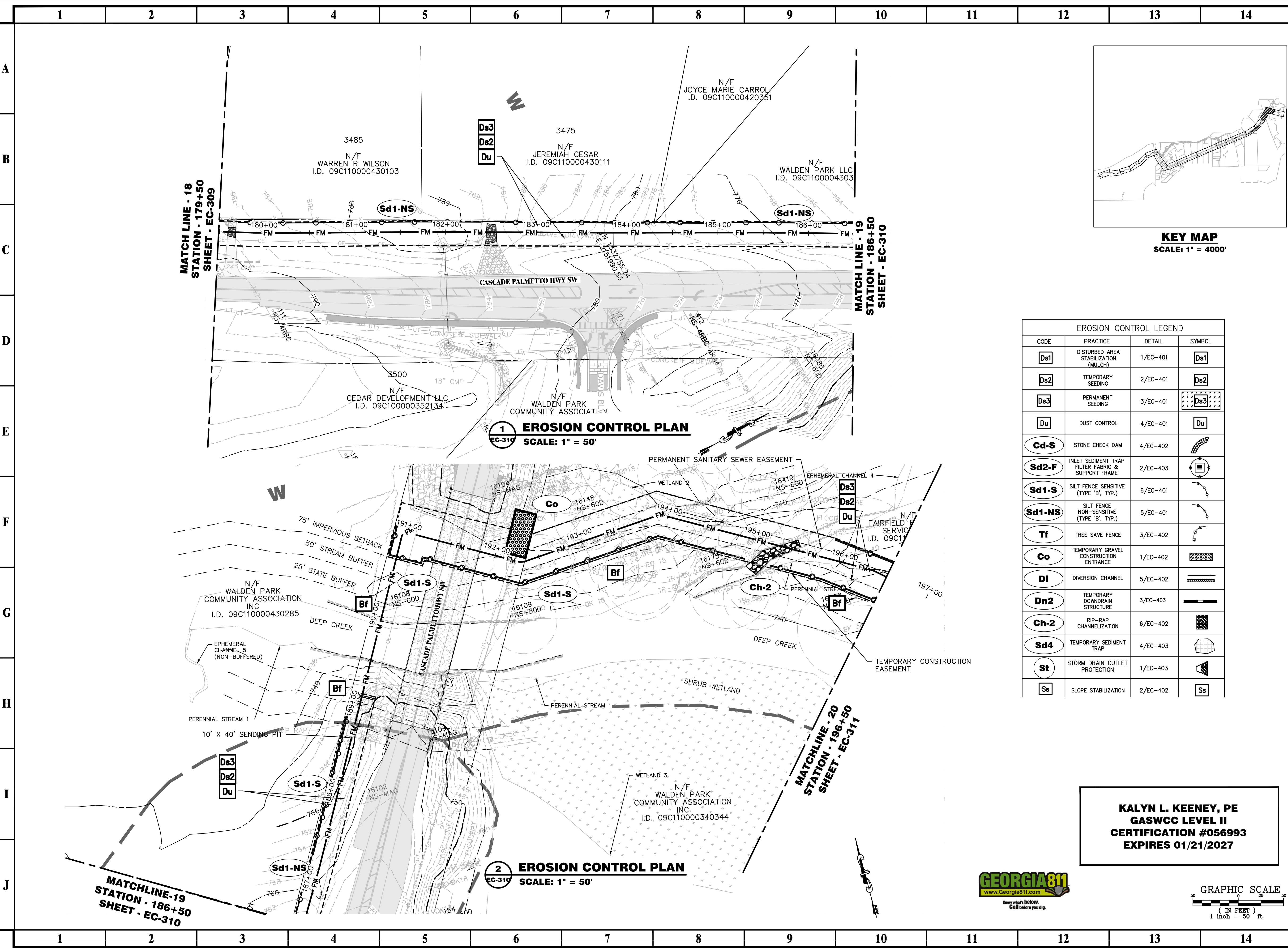
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DRAWING SCALE	AS SHOWN
PROJECT NUMBER	2024-0394
DRAWING NUMBER	EC-309

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CHECKED BY KJK

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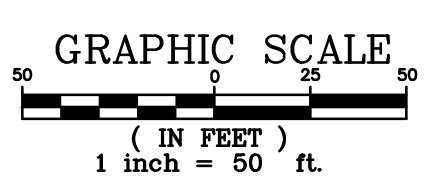


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EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
Sd2-F	INLET SEDIMENT TRAP FILTER FABRIC & SUPPORT FRAME	2/EC-403	Sd2-F
Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
Tf	TREE SAVE FENCE	3/EC-402	Tf
Co	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	1/EC-402	Co
Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DRAINAGE STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



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3715 NORTHSIDE PARKWAY NW
300 NORTH CREEK, SUITE 200
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404.425.7100

PROJECT:
CAMPBELLTON ROAD
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FORCE MAIN

PREPARED FOR:
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REVISIONS

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E	02/25/26	100% DESIGN SUBMITTAL

DATE: 02/25/2026

DRAWING TITLE

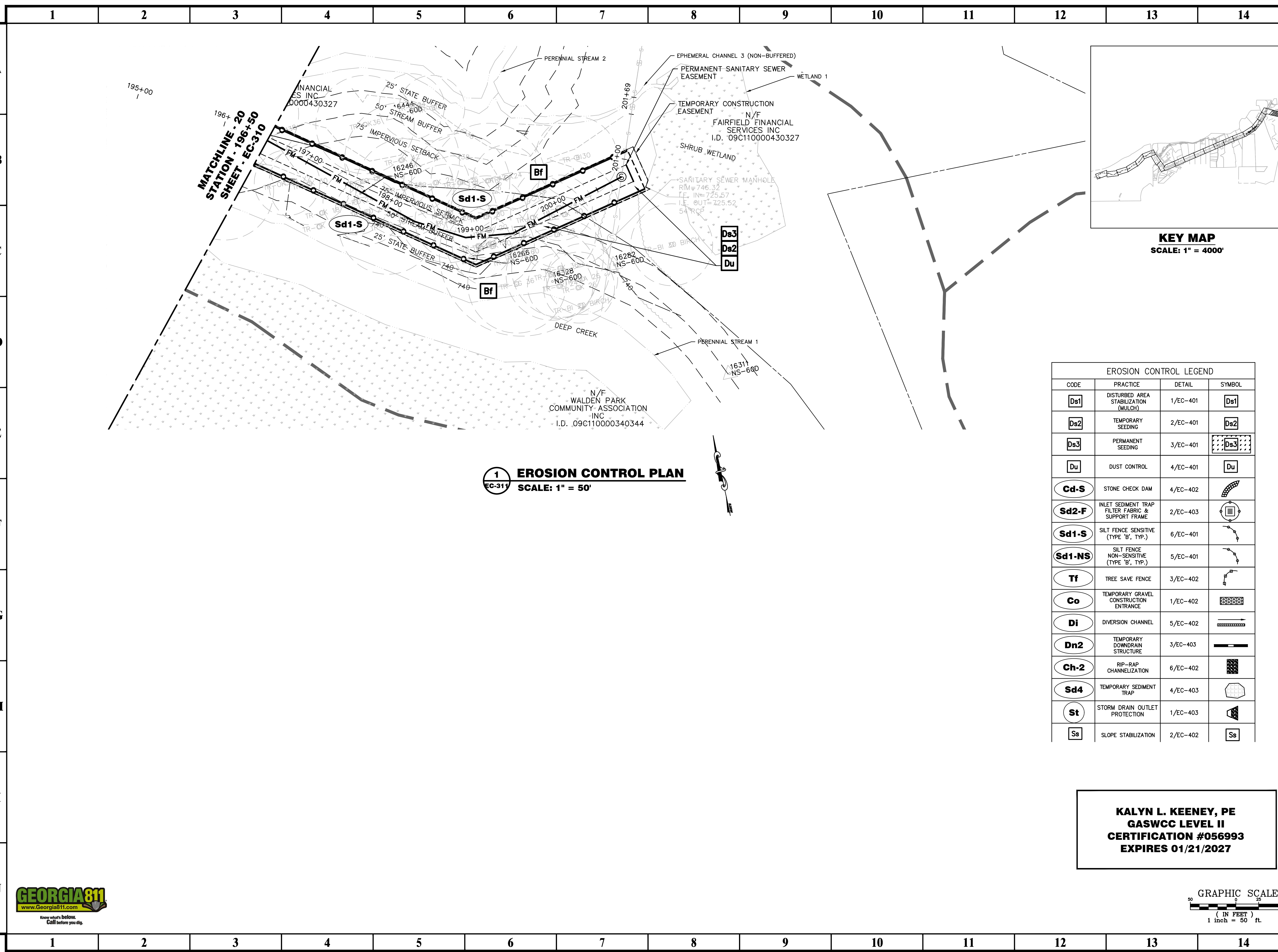
EROSION CONTROL PLAN

DRAWING DATE 02/25/2026
DRAWING SCALE AS SHOWN
PROJECT NUMBER 2024-0394
DRAWING NUMBER EC-310

DRAWN BY JLN
DESIGNED BY JLN
CHECKED BY KJK

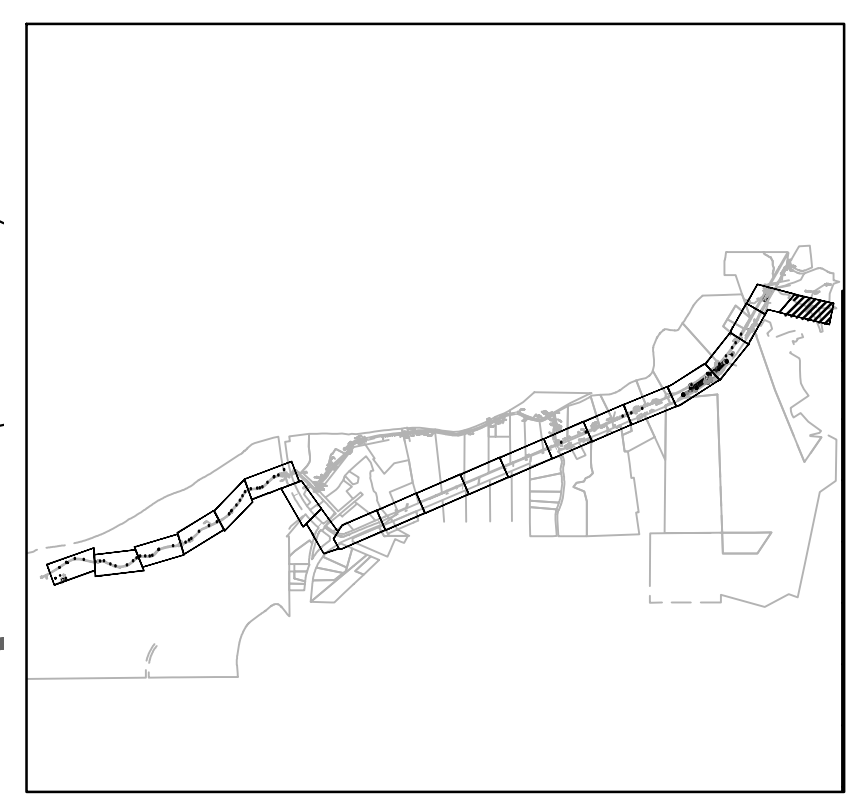
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MATCHLINE - 196+20
STATION - 196+50
SHEET - EC-310

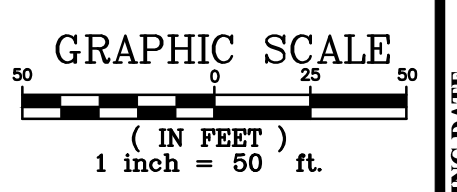
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EC-311 **EROSION CONTROL PLAN**
SCALE: 1" = 50'



KEY MAP
SCALE: 1" = 4000'

EROSION CONTROL LEGEND			
CODE	PRACTICE	DETAIL	SYMBOL
Ds1	DISTURBED AREA STABILIZATION (MULCH)	1/EC-401	Ds1
Ds2	TEMPORARY SEEDING	2/EC-401	Ds2
Ds3	PERMANENT SEEDING	3/EC-401	Ds3
Du	DUST CONTROL	4/EC-401	Du
Cd-S	STONE CHECK DAM	4/EC-402	Cd-S
Sd2-F	INLET SEDIMENT TRAP FILTER FABRIC & SUPPORT FRAME	2/EC-403	Sd2-F
Sd1-S	SILT FENCE SENSITIVE (TYPE 'B', TYP.)	6/EC-401	Sd1-S
Sd1-NS	SILT FENCE NON-SENSITIVE (TYPE 'B', TYP.)	5/EC-401	Sd1-NS
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Co	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	1/EC-402	Co
Di	DIVERSION CHANNEL	5/EC-402	Di
Dn2	TEMPORARY DOWNDRAIN STRUCTURE	3/EC-403	Dn2
Ch-2	RIP-RAP CHANNELIZATION	6/EC-402	Ch-2
Sd4	TEMPORARY SEDIMENT TRAP	4/EC-403	Sd4
St	STORM DRAIN OUTLET PROTECTION	1/EC-403	St
Ss	SLOPE STABILIZATION	2/EC-402	Ss

KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

REVISIONS	
NO.	DESCRIPTION
A	11/13/24 30% DESIGN SUBMITTAL
B	12/20/24 30% DESIGN RESUBMITTAL
C	01/17/25 60% DESIGN SUBMITTAL
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EROSION CONTROL PLAN

DRAWING DATE	02/25/2026	DRAWN BY	JLN
DRAWING SCALE AS SHOWN		DESIGNED BY	JLN
PROJECT NUMBER	2024-0394	CHECKED BY	KLK
DRAWING NUMBER	EC-311	ISSUED FOR CONSTRUCTION	

MATERIAL	APPLICATION
STRAW OR HAY	APPLY AT A DEPTH OF 2" TO 4" AT A RATE OF 2.5 TONS/ACRE FOR HAY AND 2 TONS/ACRE FOR STRAW
WOOD WASTE, CHIPS, SAWDUST, BARK	APPLY AT A DEPTH OF 2" TO 3"
CUTBACK ASPHALT	APPLY AT A RATE OF 1200 GAL/ACRE OR 0.25 GAL/SY.
POLYETHYLENE FILM	APPLY PER MANUFACTURE'S RECOMMENDATION

1 DISTURBED AREA STABILIZATION (MULCHING) Ds1
N.T.S.

SPECIES	RATE PER		PLANTING DATES		
	1000 SF	PER ACRE	MTS-L'STONE	PIEDMONT	COASTAL
RYE					
ALONE	168 LBS.	3.9 LBS.	8/15-12/1	9/1-1/1	9/15-3/1
IN MIXTURES	28 LBS.	0.6 LBS.	8/15-12/1	9/1-1/1	9/15-3/1
ANNUAL RYEGRASS					
ALONE	40 LBS.	0.9 LB.	8/15-11/15	9/1-12/1	9/15-1/1

UNUSUAL SITE CONDITION MAY REQUIRED HEAVIER SEEDING RATES. SEEDING DATES MAY NEED TO BE ALTERED TO FIT TEMPERATURE VARIATIONS AND LOCAL CONDITIONS.

2 DISTURBED AREA STABILIZATION (TEMPORARY SEEDING) Ds2
N.T.S.

DEFINITION
Controlling surface and air movement of dust on construction sites, roads, and demolition sites.

CONDITIONS
This practice is applicable to areas subject to surface and air movement of dust where on and off-site damage may occur without treatment.

METHOD AND MATERIALS

A. TEMPORARY METHODS

Mulches. See standard Ds1 - Disturbed Area Stabilization (With Mulching Only). Synthetic resins may be used instead of asphalt to bind mulch material. Refer to standard Td-Tackifiers and Binders. Resins such as Curosol or Terratack should be used according to manufacturer's recommendations.

Vegetative Cover. See standard Ds2 - Disturbed Area Stabilization (With Temporary Seeding).

Spray-on Adhesives. These are used on mineral soils (not effective on muck soils). Keep traffic off these areas. Refer to standard Td-Tackifiers and Binders.

Tillage. This practice is designed to roughen and bring clods to the surface. It is an emergency measure which should be used before wind erosion starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12 inches apart, spring-toothed harrows, and similar plows are examples of equipment which may produce the desired effect.

Irrigation. This is generally done as an emergency treatment. Site is sprinkled with water until the surface is wet. Repeat as needed.

Barriers. Solid board fences, snow fences, burlap fences, crate walls, bales of hay and similar material can be used to control air currents and soil blowing. Barriers placed at right angles to prevailing currents at intervals of about 15 times their height are effective in controlling wind erosion.

Calcium Chloride. Apply at rate that will keep surface moist. May need retreatment.

B. PERMANENT METHODS

Permanent Vegetation. See standard Ds3 - Disturbed Area Stabilization (With Permanent Vegetation). Existing trees and large shrubs may afford valuable protection if left in place.

Topsailing. This entails covering the surface with less erosive soil material. See standard Tp - Topsailing.

Stone. Cover surface with crushed stone or coarse gravel. See standard Cr-Construction Road Stabilization.

Du DUST CONTROL ON DISTURBED AREAS

4 DUST CONTROL ON DISTURBED AREAS Du
N.T.S.

SPECIES	RATE PER 1000 SQ. FT.	RATE PER ACRE	PLANTING DATES		
			MTS-L'STONE	PIEDMONT	COASTAL
MAIDENCANE SPRIGS	3' x 3' SPACING		2/1-3/31	2/1-3/31	2/1-3/31
REED CANARY GRASS					
ALONE	1.1 LBS.	50 LBS.	8/15-10/15	9/1-10/15	
WITH OTHER PERENNIALS	0.7 LBS.	30 LBS.	8/15-10-15	9/1-10/15	
SWITCH GRASS	0.4 LBS.	20 LBS.	4/1-5/31	4/1-5/31	4/1-5/31

RATES ARE FOR BROADCAST SEED ONLY. IF A SEED DRILL IS USED, REDUCE RATES BY ONE-HALF. UNUSUAL SITE CONDITIONS AMY REQUIRE HEAVIER SEEDING RATES. SEEDING DATES MAY NEED TO BE ALTERED TO FIT TEMPERATURE VARIATIONS AND LOCAL CONDITIONS.

TYPES OF SPECIES	PLANTING YEAR	FERTILIZER (N-P-K)	PLANTING DATES	
			RAT LBS./ACRE	N TOP DRESSING RATE (LBS./ACRE)
COOL SEASON GRASSES	FIRST	6-12-12	1500	50-100
	SECOND	6-12-12	1000	
	MAINTENANCE	10-10-10	400	30
COOL SEASON GRASSES AND LEGUMES	FIRST	6-12-12	1500	0-50
	SECOND	0-10-10	1000	
	MAINTENANCE	0-10-10	400	
WARM SEASON GRASSES	FIRST	6-12-12	1500	50-100
	SECOND	6-12-12	800	50-100
	MAINTENANCE	10-10-10	400	30
WARM SEASON GRASSES AND LEGUMES	FIRST	6-12-12	1500	50
	SECOND	0-10-10	1000	
	MAINTENANCE	0-10-10	400	

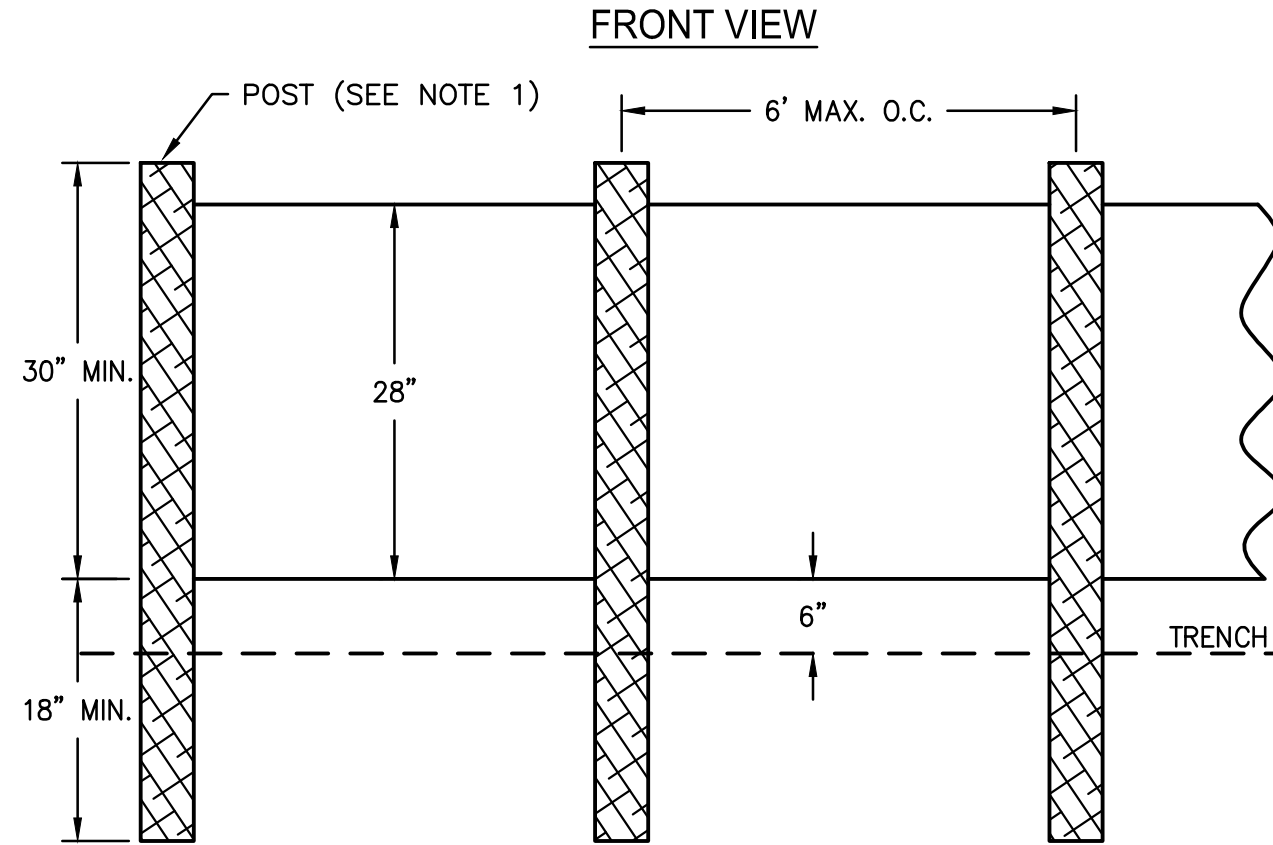
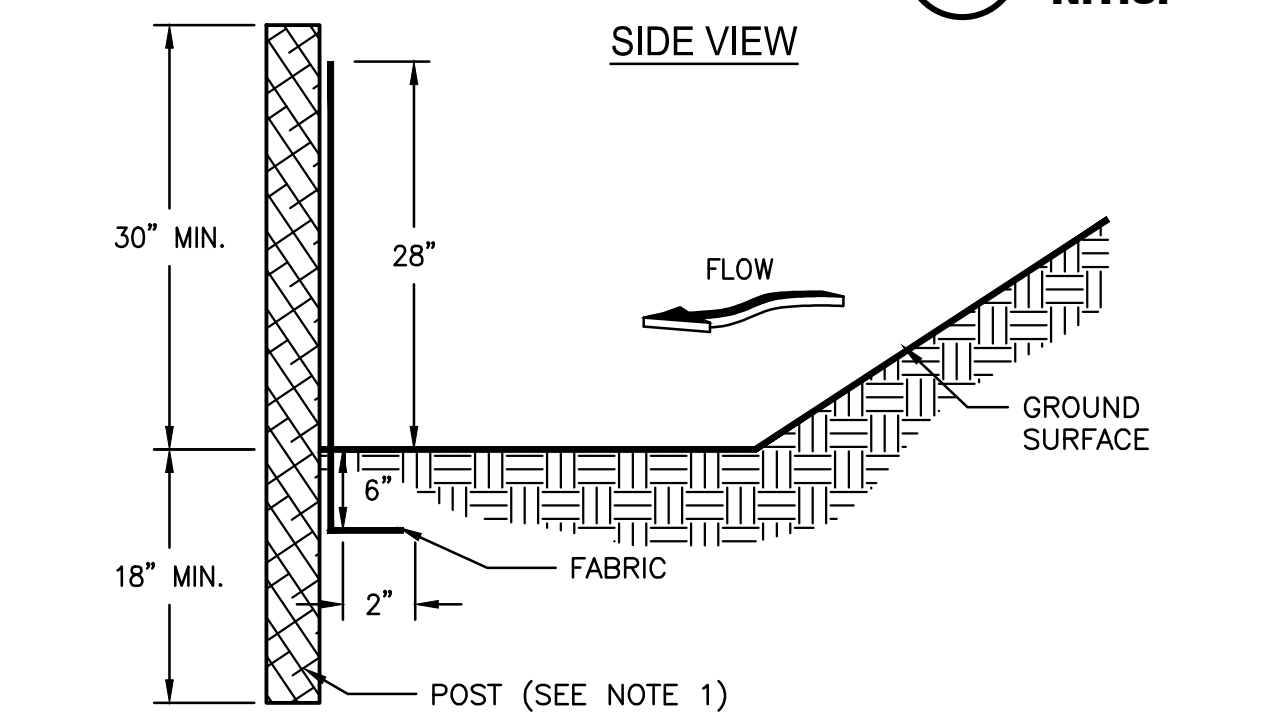
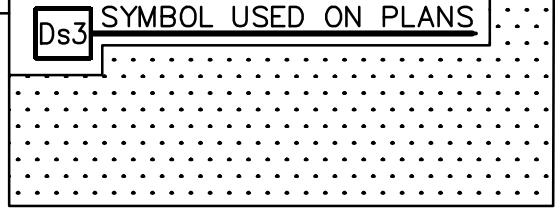
Ds3 LIME RATES AND ANALYSIS

1. WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED, AGRICULTURAL LIME SHALL BE APPLIED AS INDICATED BY SOIL TEST OR AT THE RATE OF 1 TO 2 TONS PER ACRE. AGRICULTURAL LIME SHALL BE WITHIN THE SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF AGRICULTURE. LIME SPREAD BY CONVENTIONAL EQUIPMENT WILL BE "GROUND LIMESTONE." GROUND LIMESTONE IS CALCITIC OR DOLOMITIC LIMESTONE GROUND SO THAT 90% OF THE MATERIAL WILL PASS THROUGH A 10-MESH SIEVE, NOT LESS THAN 50% WILL PASS THROUGH A 50-MESH SIEVE AND NOT LESS THAN 25% WILL PASS THROUGH A 100-MESH SIEVE. AGRICULTURAL LIME SPREAD BY HYDRAULIC SEEDING EQUIPMENT WILL BE "FINELY GROUND LIMESTONE." FINELY GROUND LIMESTONE IS CALCITIC OR DOLOMITIC LIMESTONE GROUND SO THAT 98% OF THE MATERIAL WILL PASS THROUGH A 20-MESH SIEVE AND NOT LESS THAN 70% WILL PASS THROUGH A 100-MESH SIEVE. IT IS DESIRABLE TO USE DOLOMITIC LIMESTONE IN THE SAND HILLS, SOUTHERN COASTAL PLAIN AND ATLANTIC COAST FLATWOODS MLRAS.

2. NO AGRICULTURAL LIME IS REQUIRED WHERE ONLY TEMPORARY SEEDING IS TO BE DONE OR WHERE ONLY TREES ARE PLANTED.

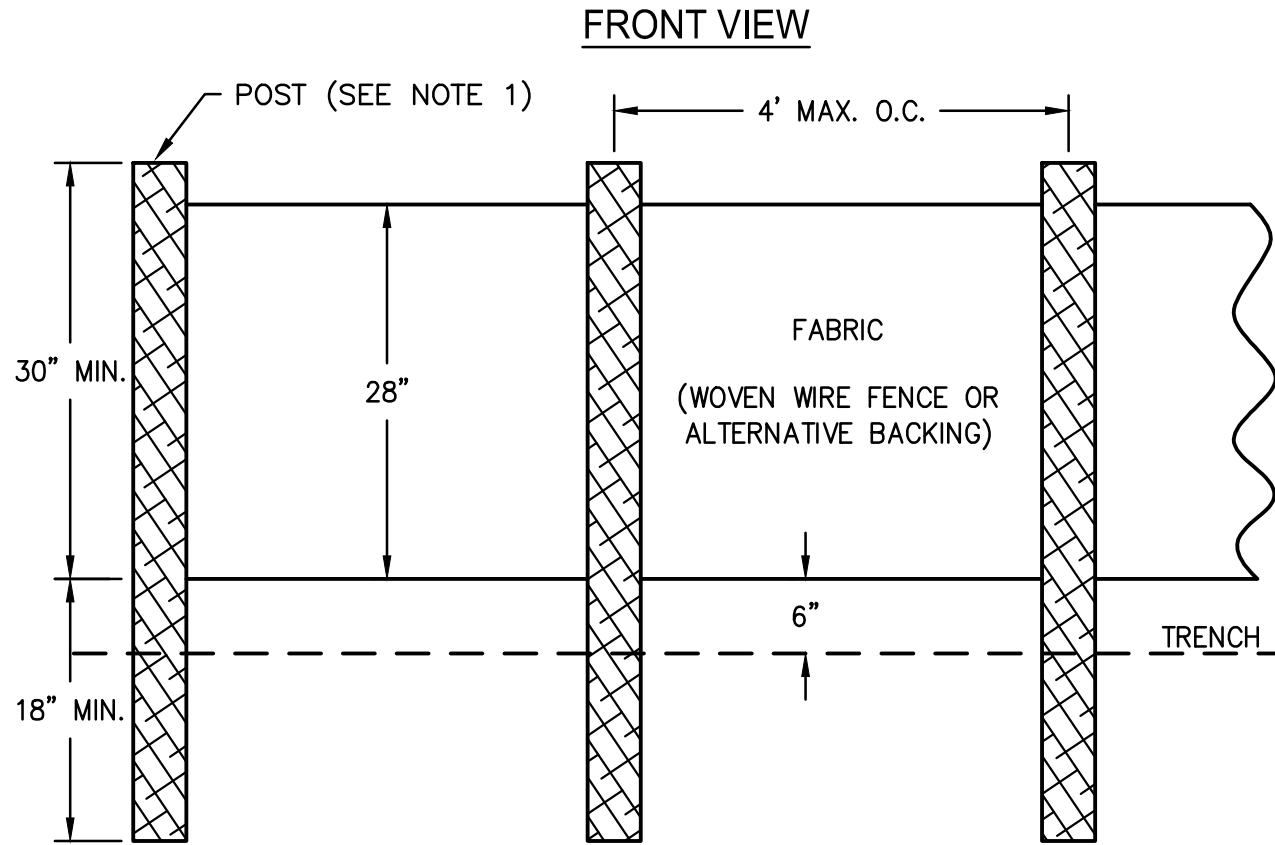
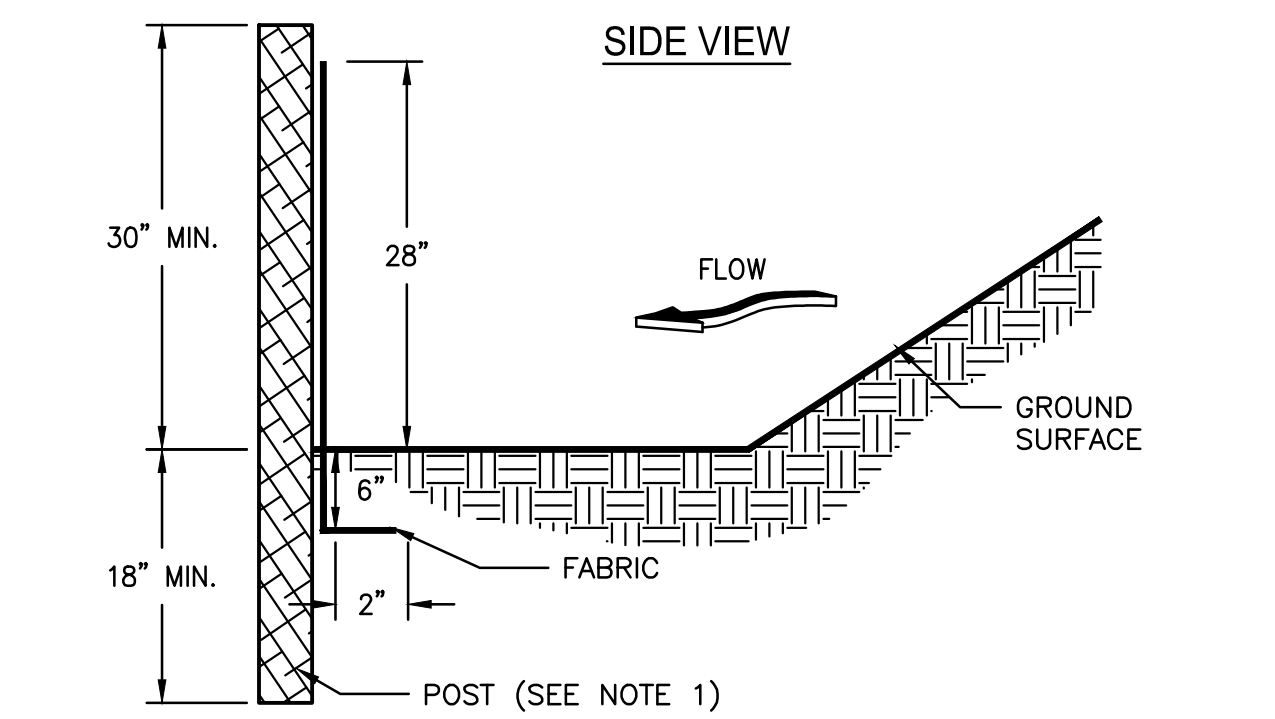
SPECIES	RATE PER 1000 SQ. FT.	RATE PER ACRE	PLANTING DATES		
			MTS-L'STONE	PIEDMONT	COASTAL
COMMON BERMUDAGRASS HULLED SEED					
ALONE OR WITH ANNUALS	10 LBS.	0.2 LBS.		4/1-5/31	3/15-5/31
WITH OTHER PERENNIALS	6 LBS.	0.1 LBS.		4/1-5/31	3/15-5/31
TALL FESCUE					
ALONE	50 LBS.	1.1 LBS.	3/1-4/15	8/15-9/30	8/15-10/15
WITH OTHER PERENNIALS	30 LBS.	0.7 LBS.	3/1-4/15	8/15-9/30	8/15-10/15

UNUSUAL SITE CONDITIONS MAY REQUIRE HEAVIER SEEDING RATES. SEEDING DATES MAY NEED TO BE ALTERED TO FIT TEMPERATURE VARIATIONS AND LOCAL CONDITIONS.



NOTES:
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

5 SILT FENCE TYPE "NS" Sd1-NS
C-401 NOT TO SCALE



NOTES:
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

6 SILT FENCE TYPE "S" Sd1-S
C-401 NOT TO SCALE

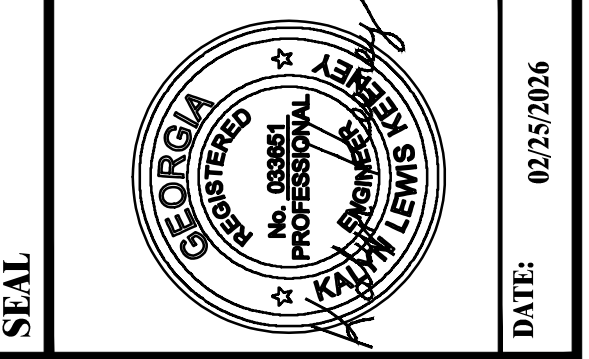
**KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027**



PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

NO.	DATE	DESCRIPTION
A	11/13/24	30% DESIGN SUBMITTAL
B	12/20/24	30% DESIGN RESUBMITTAL
C	01/17/25	60% DESIGN SUBMITTAL
D	02/28/25	80% DESIGN SUBMITTAL
E	02/25/26	100% DESIGN SUBMITTAL



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DATE: 02/25/2026

EROSION CONTROL DETAILS

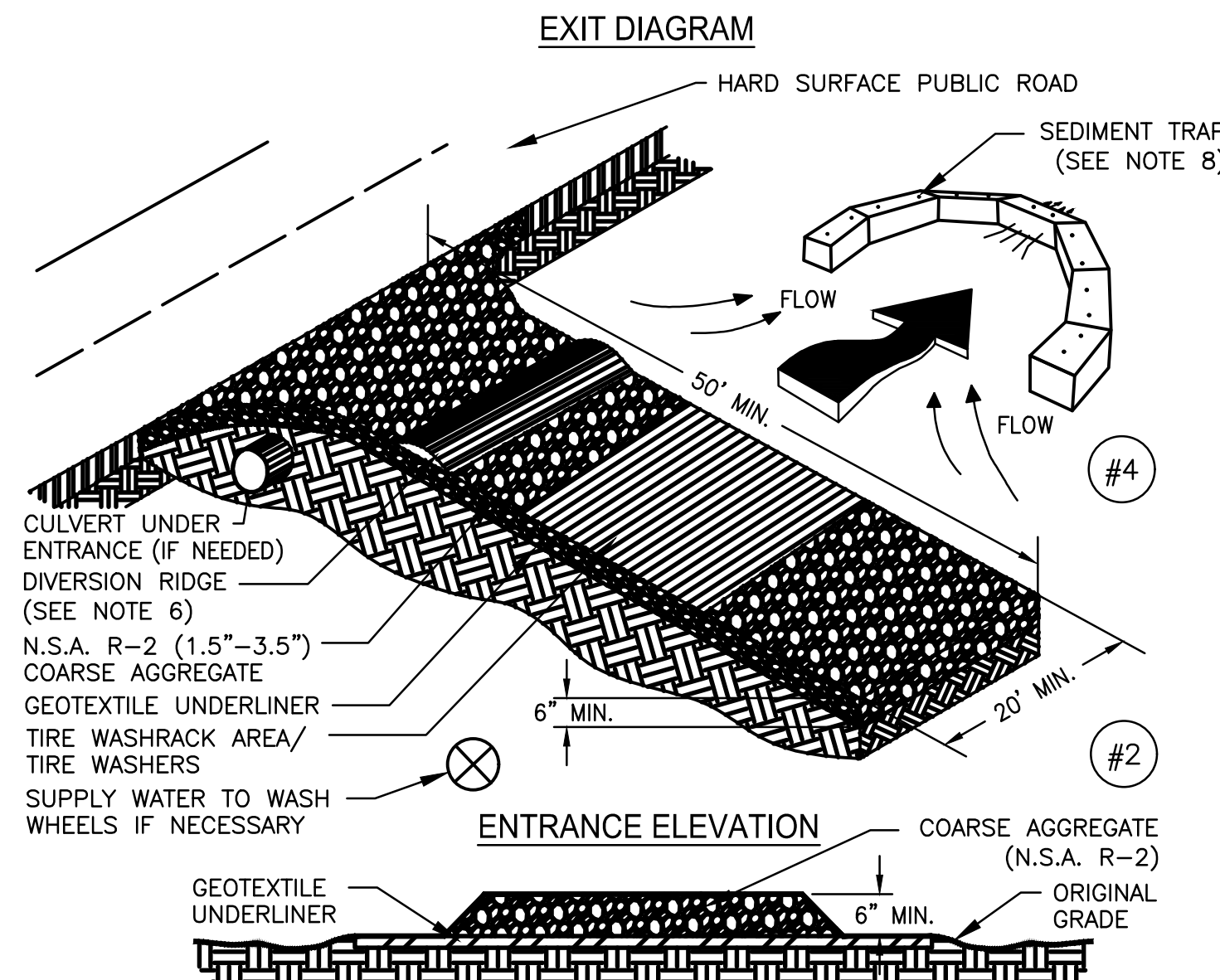
DRAWING DATE	02/25/2026	DRAWN BY	JLN
DRAWING SCALE	AS SHOWN	DESIGNED BY	JLN
PROJECT NUMBER	2024-0394	CHECKED BY	KLK
DRAWING NUMBER			

EC-401
ISSUED FOR CONSTRUCTION

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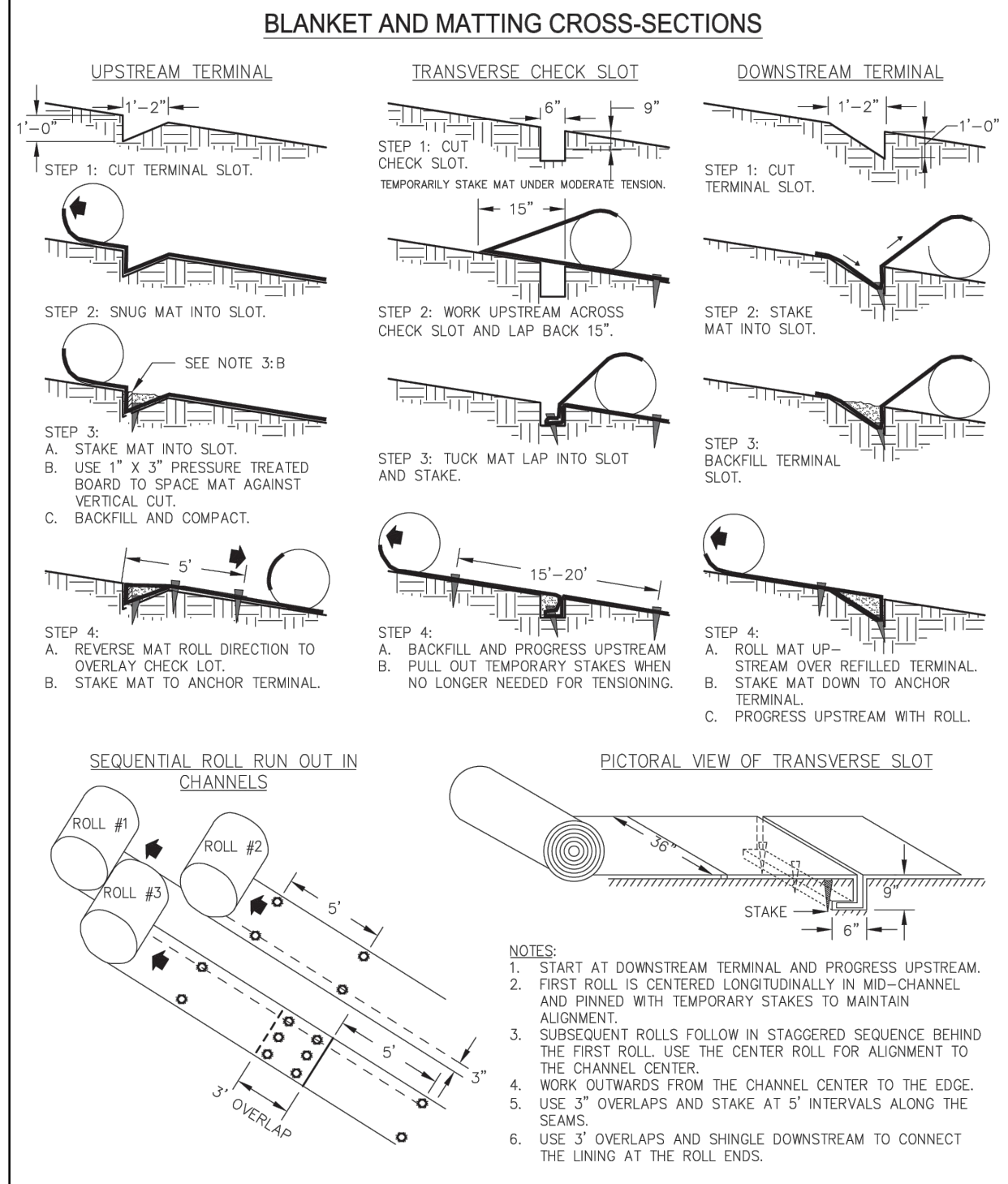
A
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J



- NOTES:**
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
 2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
 3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
 4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
 5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
 6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
 7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
 8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
 9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
 10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

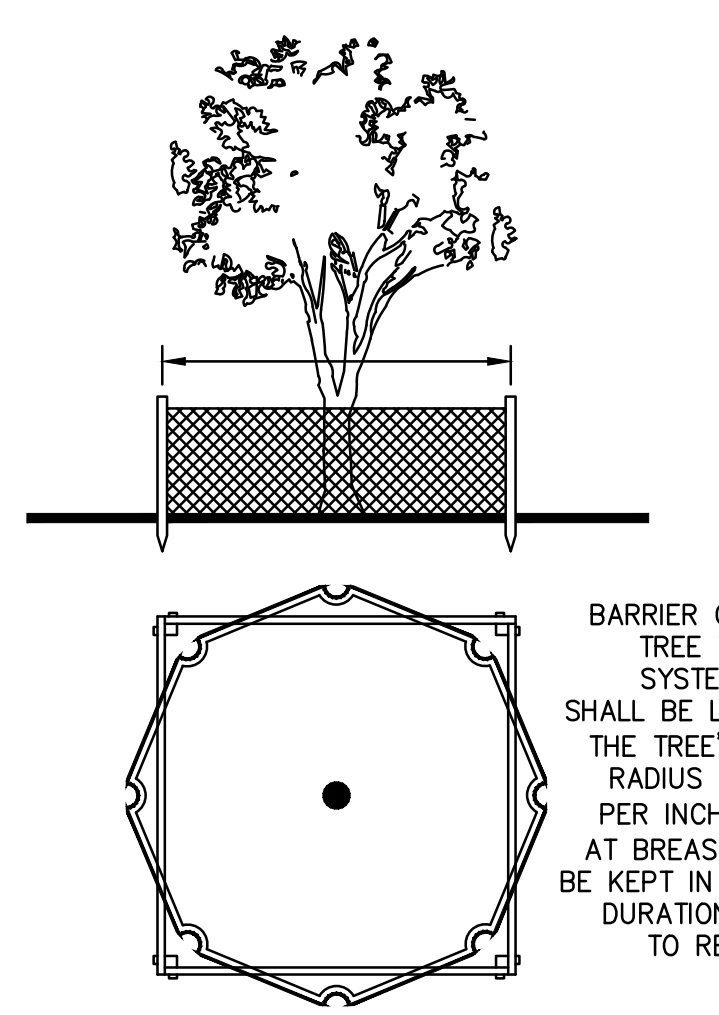
1 CONSTRUCTION EXIT
EC-402 NOT TO SCALE Co

TYPICAL INSTALLATION GUIDELINES FOR ROLLED EROSION CONTROL PRODUCTS (RECP)

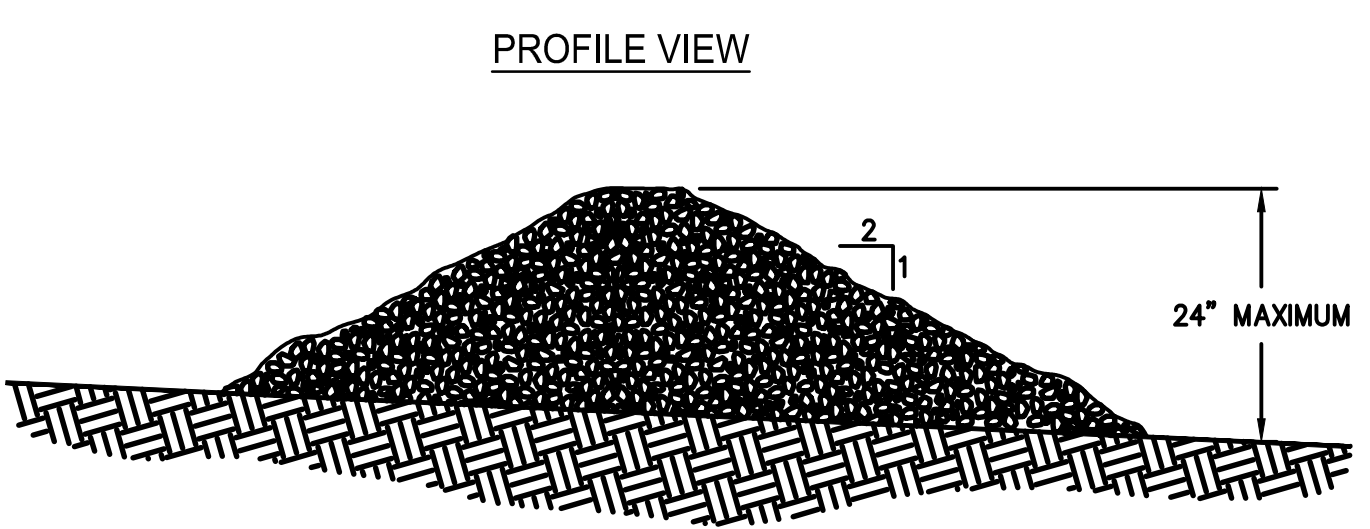
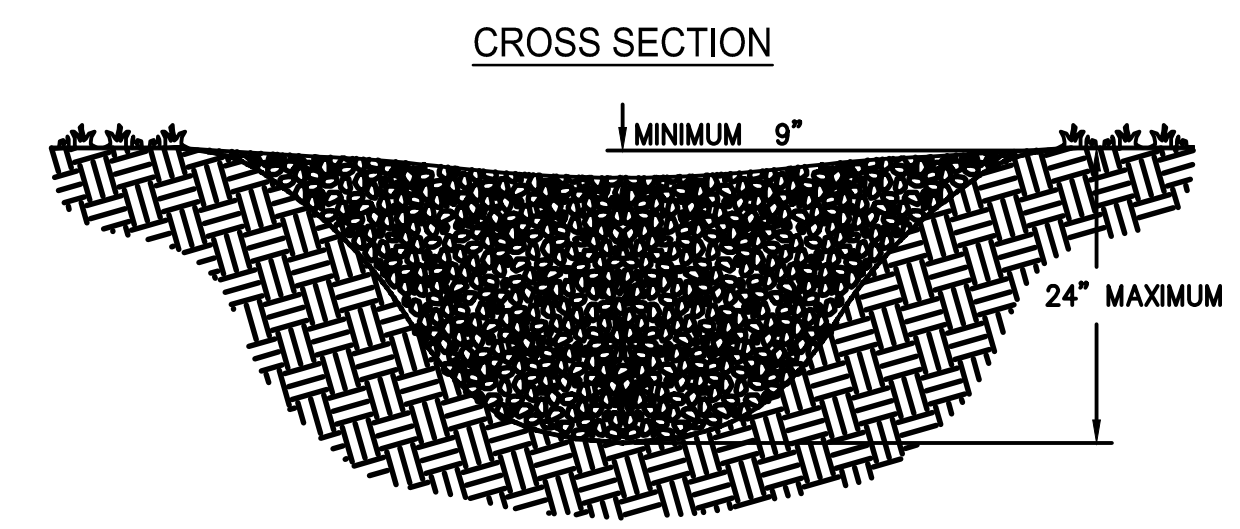


2 SLOPE STABILIZATION
EC-402 NOT TO SCALE Ss

CHAIN LINK FENCE DETAIL

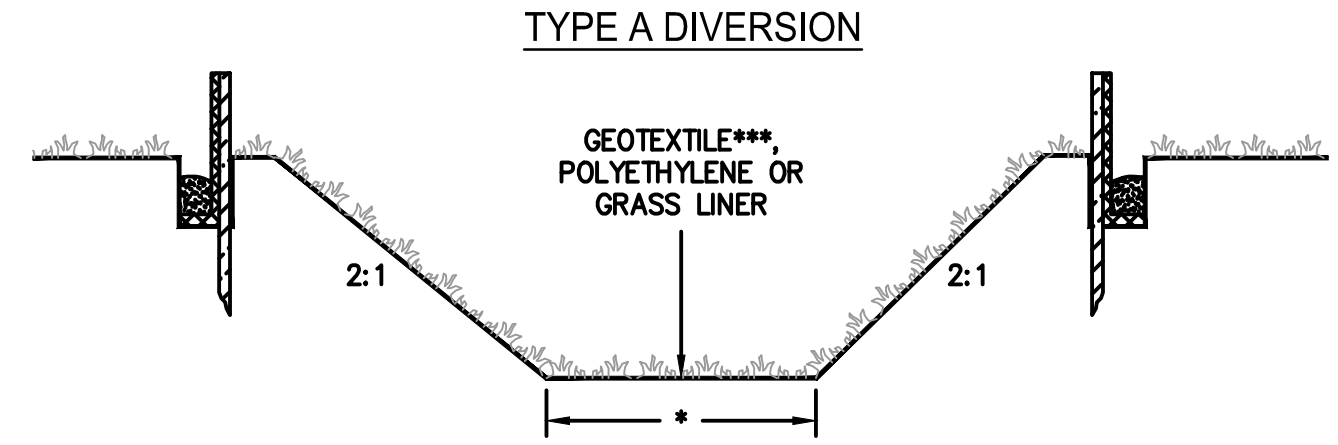


3 TREE PROTECTION
EC-402 NOT TO SCALE Tr

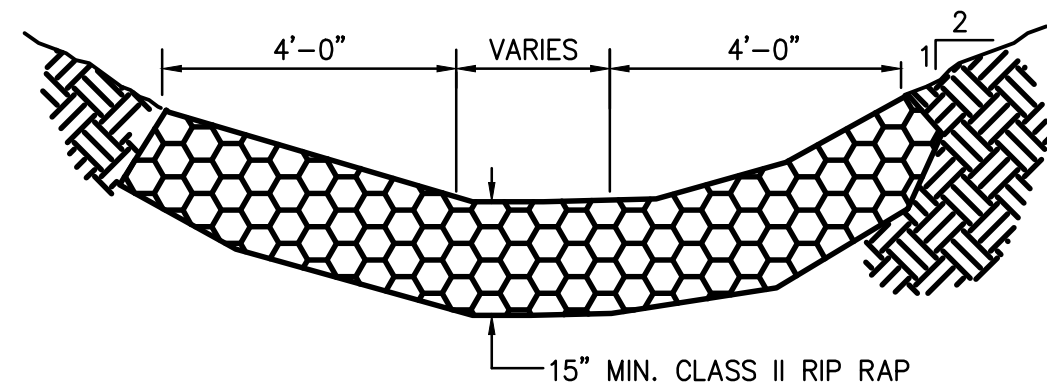
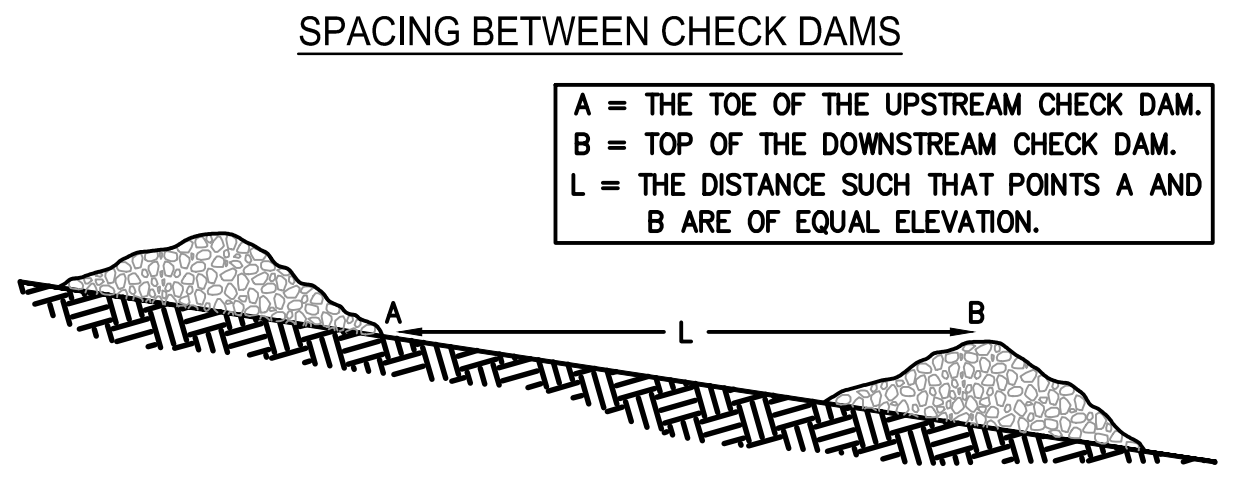


- NOTES:**
1. CHECK DAMS ARE TO BE USED ONLY IN SMALL OPEN CHANNELS (THEY ARE NOT TO BE USED IN LIVE STREAMS).
 2. THE DRAINAGE AREA FOR STONE CHECK DAMS SHALL NOT EXCEED TWO ACRES.
 3. THE CENTER OF THE CHECK DAM MUST BE AT LEAST 9 INCHES LOWER THAN THE OUTER EDGES.
 4. THE DAM HEIGHT SHOULD BE A MAXIMUM OF 2 FEET FROM CENTER TO RIM EDGE.
 5. THE SIDE SLOPES OF THE CHECK DAM SHALL NOT EXCEED A 2:1 SLOPE.
 6. GEOTEXTILE SHALL BE USED TO PREVENT THE MITIGATION OF SUBGRADE SOIL PARTICLES INTO THE STONES (REFER TO AASHTO M288-96, SECTION 7.3, TABLE 3).

4 STONE CHECK DAM
EC-402 NOT TO SCALE Cd-S



5 DISTRIBUTION CHANNEL
EC-403 NOT TO SCALE DI



- NOTE:**
1. CLASS II RIP-RAP IS TO BE LIMESTONE PRODUCED BY USING A CRUSHER, GRIZZLY, OR SIEVE WITH OPENINGS OF 9 INCHES, AND BY SUCH ADDITIONAL PROCESSING NECESSARY SO THAT NO MORE THAN 20 PERCENT OF THE FINISHED PRODUCT WILL PASS THROUGH SQUARE OPENINGS 5 INCHES BY 5 INCHES.

6 RIP RAP STREAM
EC-402 NOT TO SCALE Ch-2

KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027

PRIME
A Stratus Team Company

3715 NORTHSIDE PARKWAY NW
300 NORTHCREEK SUITE 200
ATLANTA, GEORGIA 30327
404.425.7100

PROJECT:
CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN

PREPARED FOR:
FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS

NO.	DATE	DESCRIPTION
A	11/13/24	30% DESIGN SUBMITTAL
B	12/20/24	30% DESIGN RESUBMITTAL
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E	02/25/26	100% DESIGN SUBMITTAL

SEAL

GEORGIA REGISTERED PROFESSIONAL ENGINEER
KALYN L. KEENEY
No. 058883
DATE: 02/25/2026

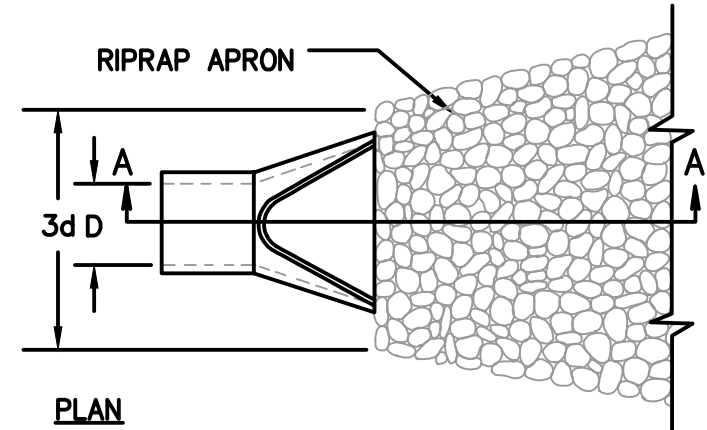
DRAWING TITLE
EROSION CONTROL DETAILS

DRAWING DATE 02/25/2026	DRAWN BY JLN	DESIGNED BY JLN
DRAWING SCALE AS SHOWN	PROJECT NUMBER 2024-0394	CHECKED BY KJK
DRAWING NUMBER EC-402	ISSUED FOR CONSTRUCTION	

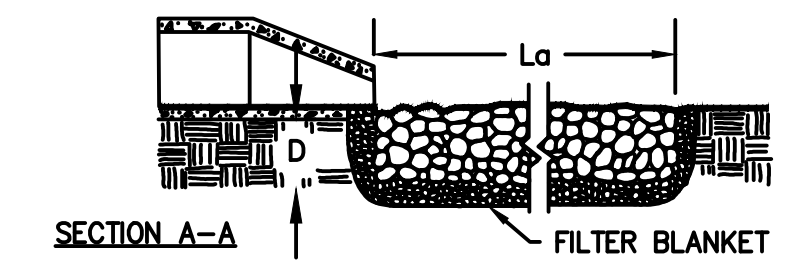
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RIPRAP OUTLET PROTECTION

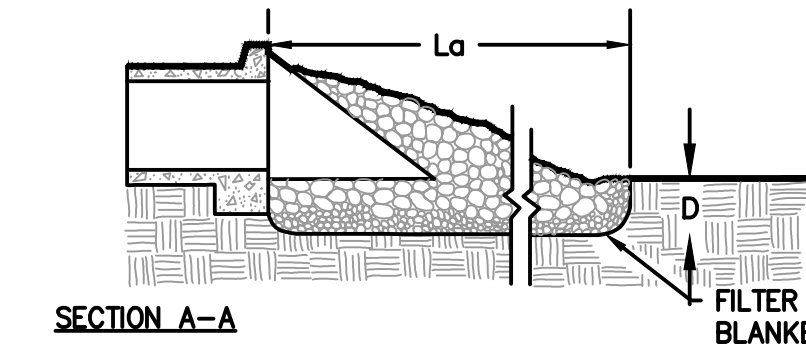
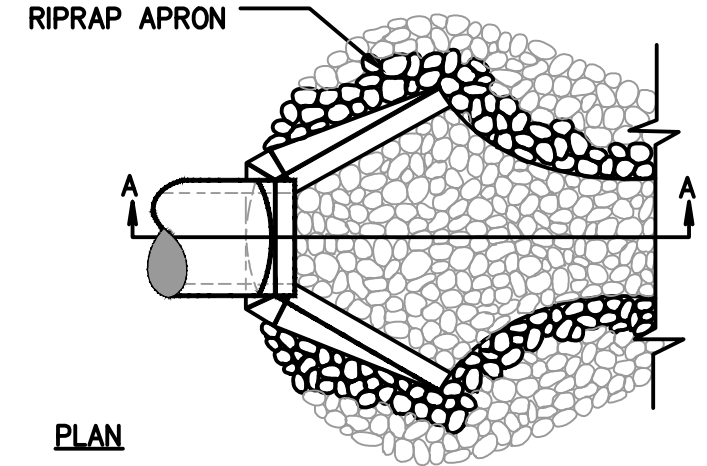
PIPE OUTLET TO FLAT AREA -- NO WELL DEFINED CHANNEL



- NOTES:
1. L_a IS THE LENGTH OF THE RIPRAP APRON.
 2. $D = 1.5$ TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
 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).
 4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.

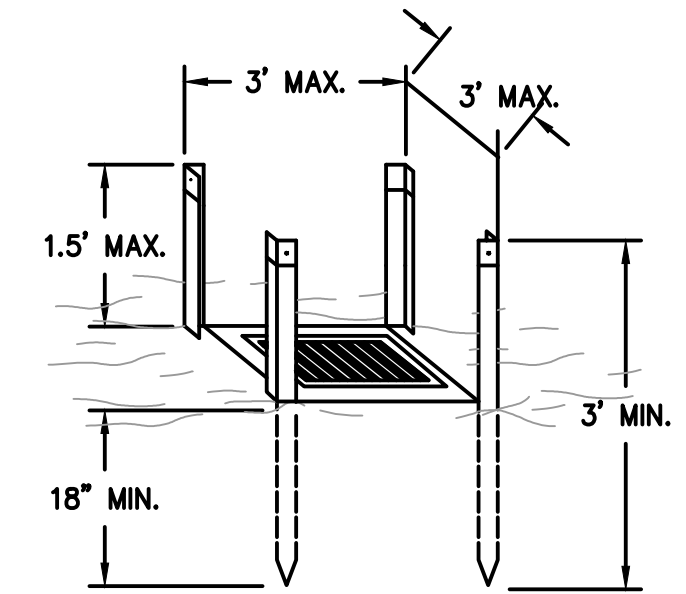


PIPE OUTLET TO WELL DEFINED CHANNEL

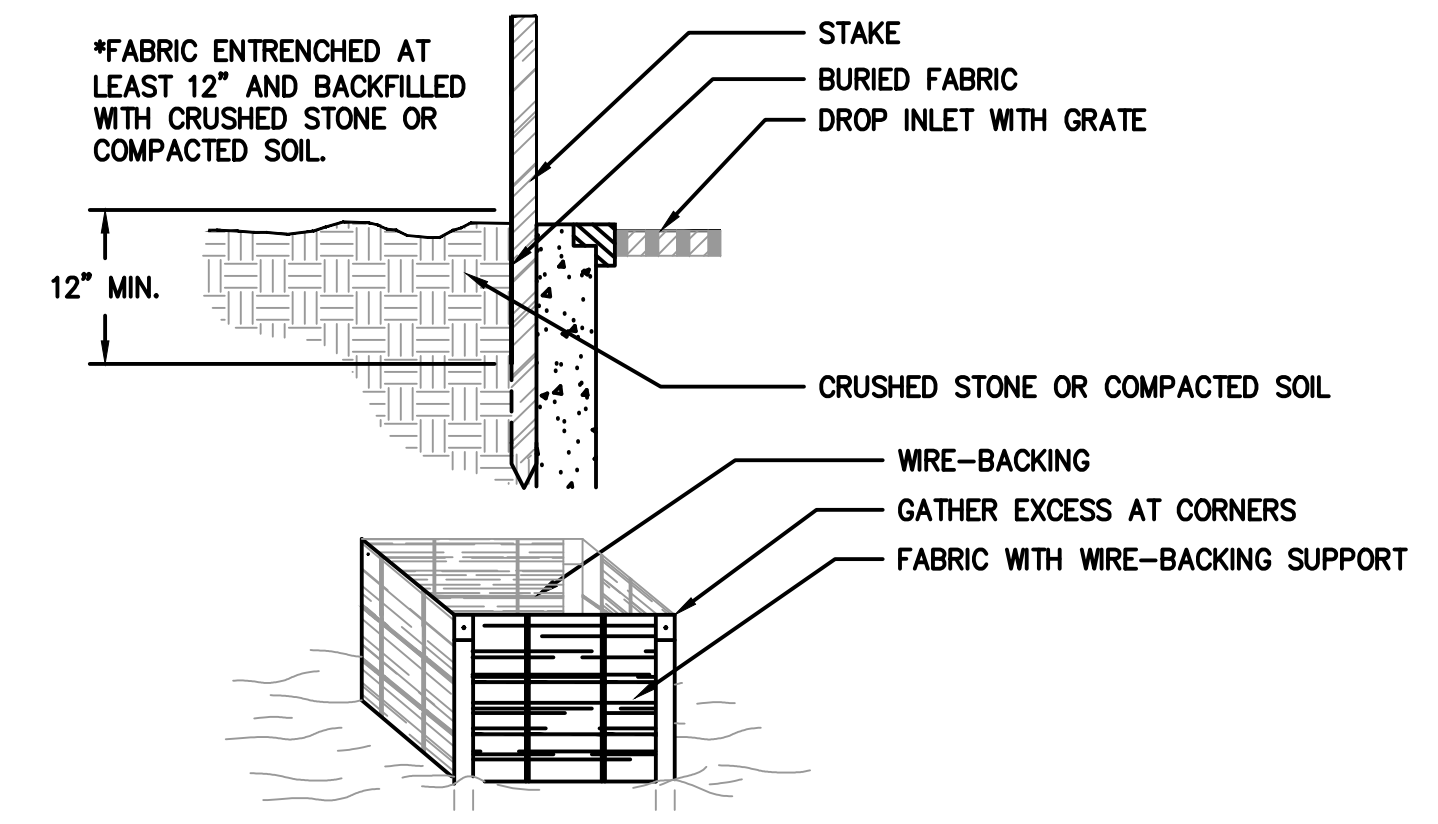


1 RIPRAP OUTLET PROTECTION (St)
SCALE: N.T.S. (EC-403)

STEEL FRAME AND SILT FENCE INSTALLATION

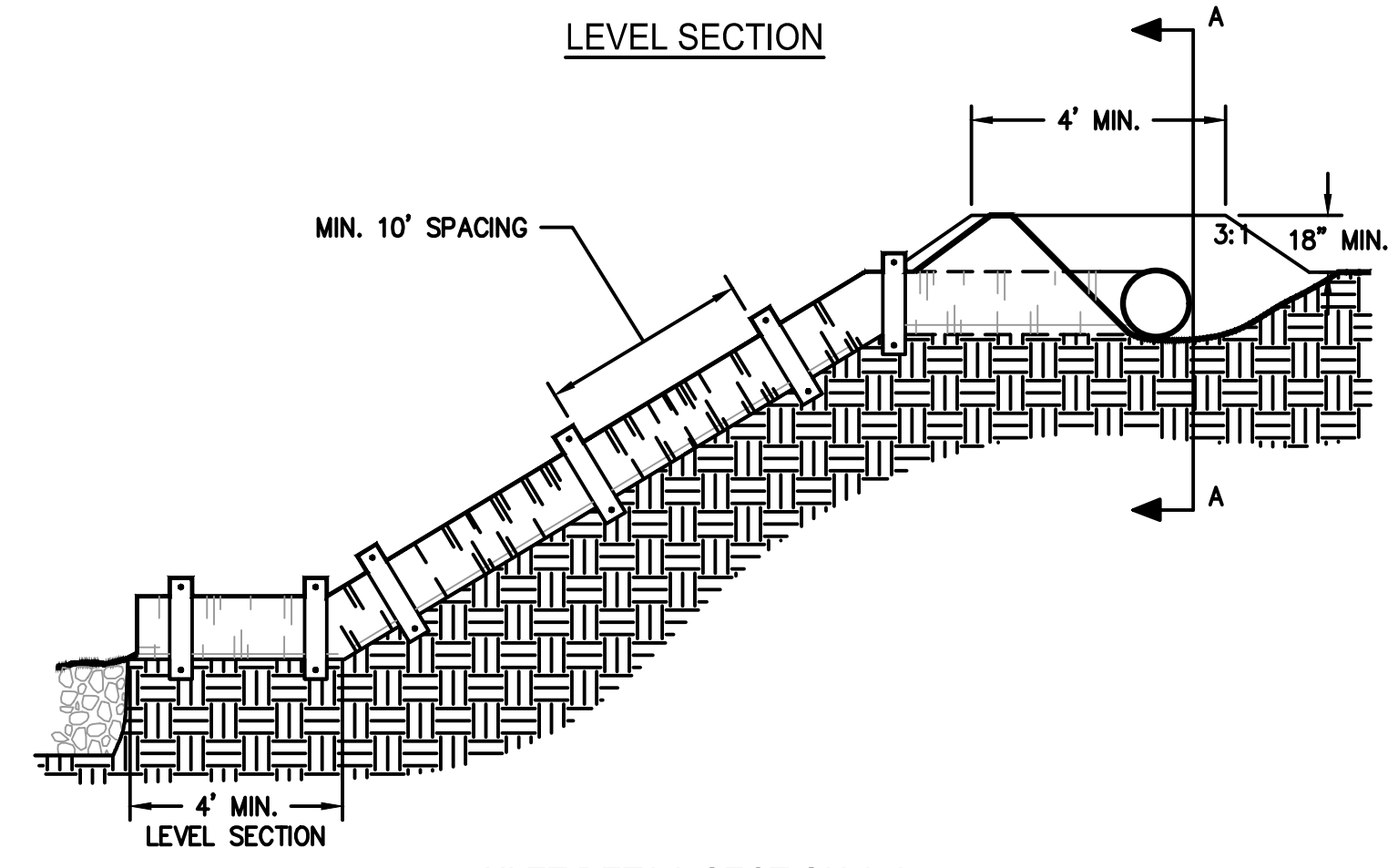


- NOTES:
1. DESIGN IS FOR SLOPES NO GREATER THAN 5% (NOT DESIGNED FOR CONCENTRATED FLOWS).
 2. THE STEEL POSTS SUPPORTING THE SILT FENCE MATERIAL SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET (MAXIMUM OF 3' APART).
 3. THE STEEL POSTS SHOULD BE SECURELY DRIVEN AT LEAST 18" DEEP.
 4. THE FABRIC SHOULD BE ENTRENCHED AT LEAST 12" AND THEN BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.



2 SEDIMENT INLET PROTECTION DETAIL (Sd2-F)
NOT TO SCALE (EC-403)

DOWNDRAIN PIPE AND INLET DETAIL

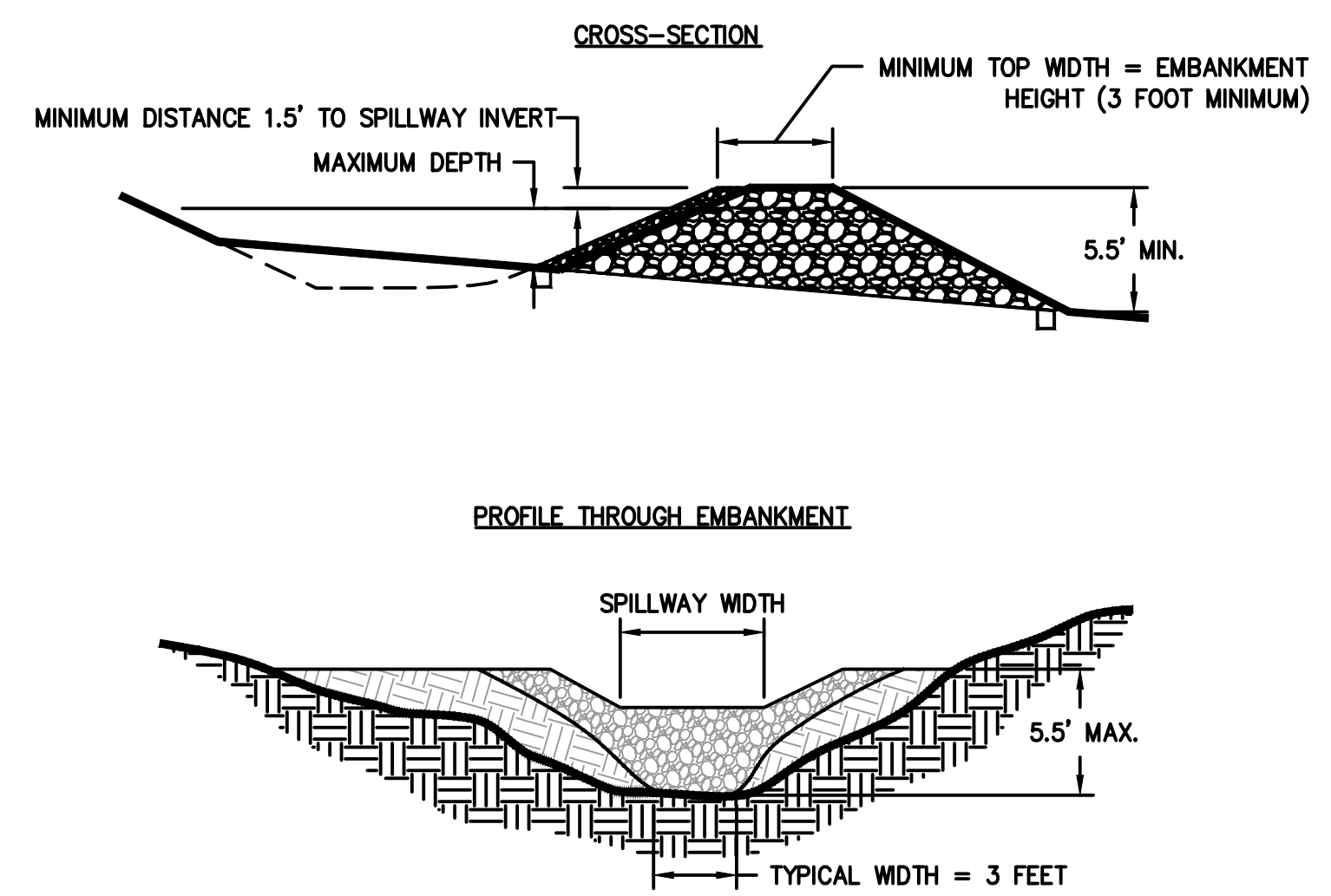
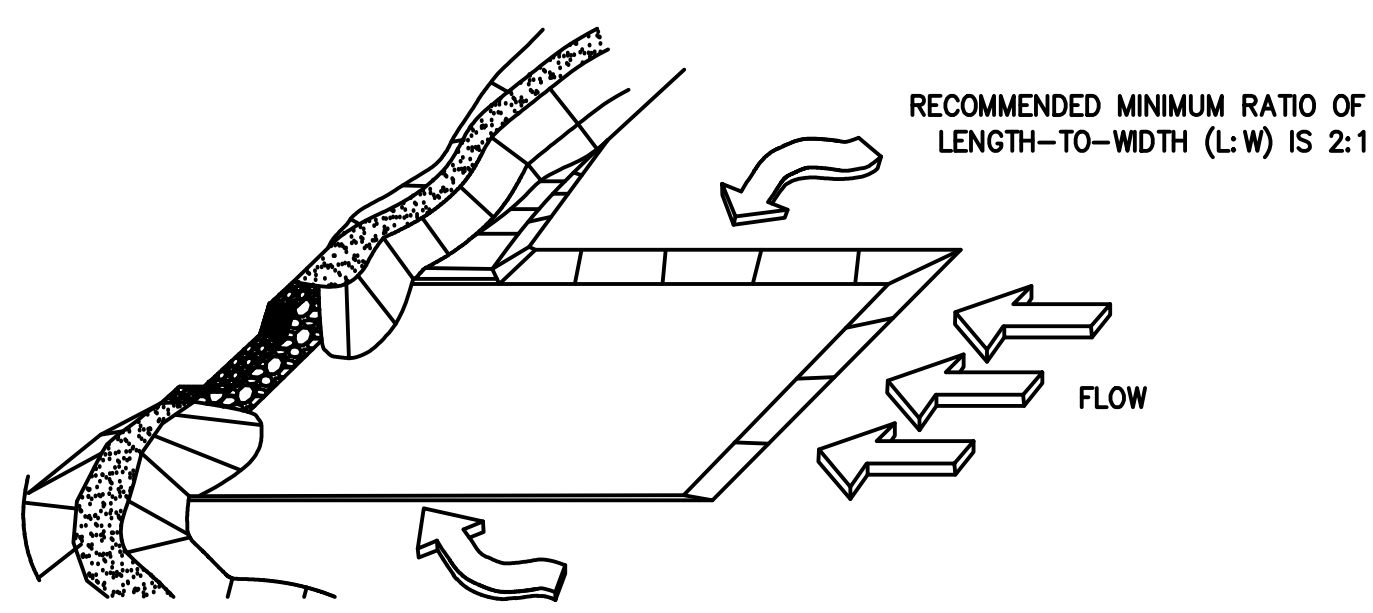


MAKE ALL PIPE CONNECTIONS WATERTIGHT AND SECURE SO THAT THE JOINTS WILL NOT SEPARATE IN USE.

3 DOWNDRAIN PIPE AND INLET DETAIL (Dn2)
NOT TO SCALE (EC-403)

TEMPORARY SEDIMENT TRAP

COURTESY OF CITY OF KNOXVILLE BMP EROSION AND SEDIMENT CONTROL



4 TEMPORARY SEDIMENT TRAP (Sd4)
NOT TO SCALE (EC-403)

PRIME
A Stratus Team Company

3715 NORTHSIDE PARKWAY NW
300 NORTHCREEK SUITE 200
ATLANTA, GEORGIA 30327
404.425.7100

PROJECT:
**CAMPBELLTON ROAD
PUMP STATION AND
FORCE MAIN**

PREPARED FOR:
**FULTON COUNTY
DEPARTMENT OF PUBLIC
WORKS**

REVISIONS	NO.	DATE	DESCRIPTION
	D	02/26/25	80% DESIGN SUBMITTAL
	E	02/25/26	100% DESIGN SUBMITTAL

SEAL

DATE: 02/25/2026

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DRAWING TITLE
EROSION CONTROL DETAILS

DRAWING DATE	02/25/2026	DRAWN BY	JNL
DRAWING SCALE	AS SHOWN	DESIGNED BY	JNL
PROJECT NUMBER	2024-0394	CHECKED BY	KLK
DRAWING NUMBER			

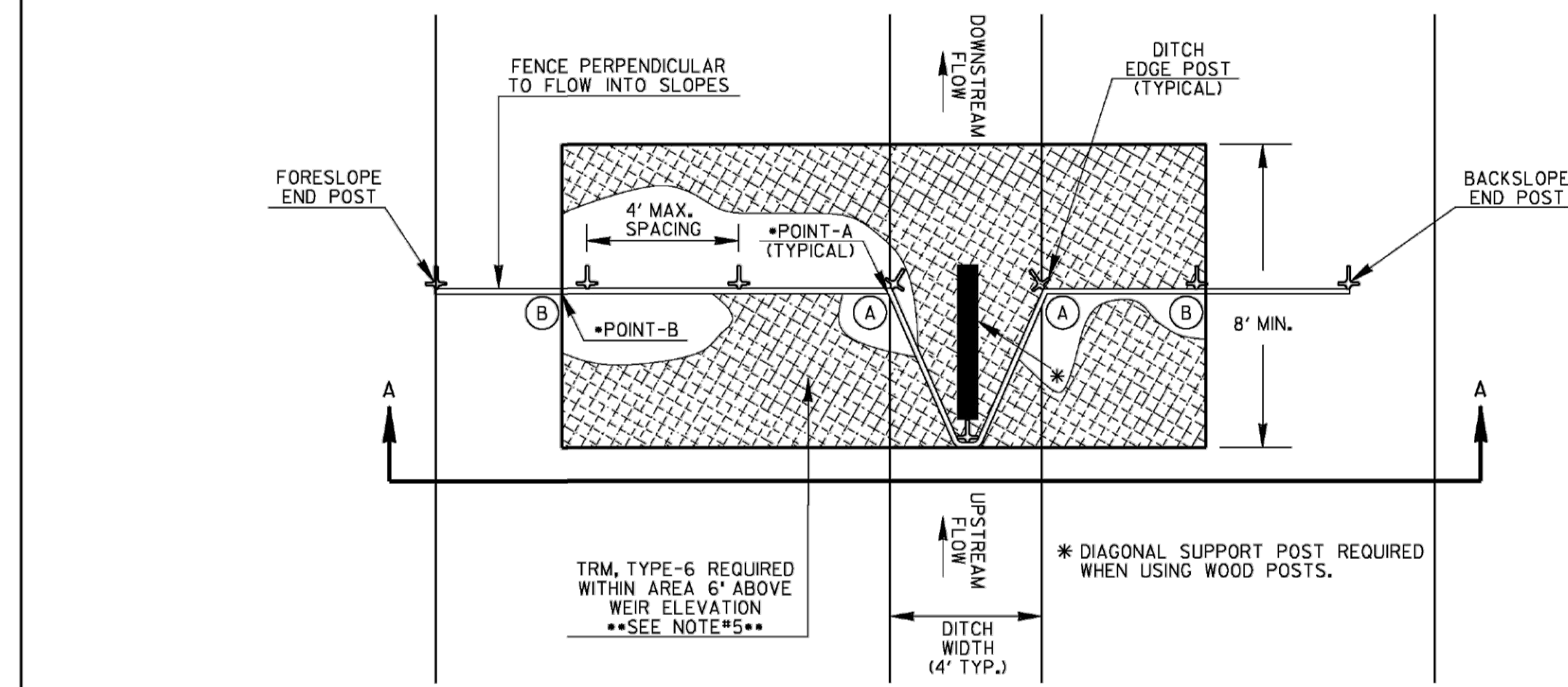
EC-403
ISSUED FOR CONSTRUCTION

**KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027**

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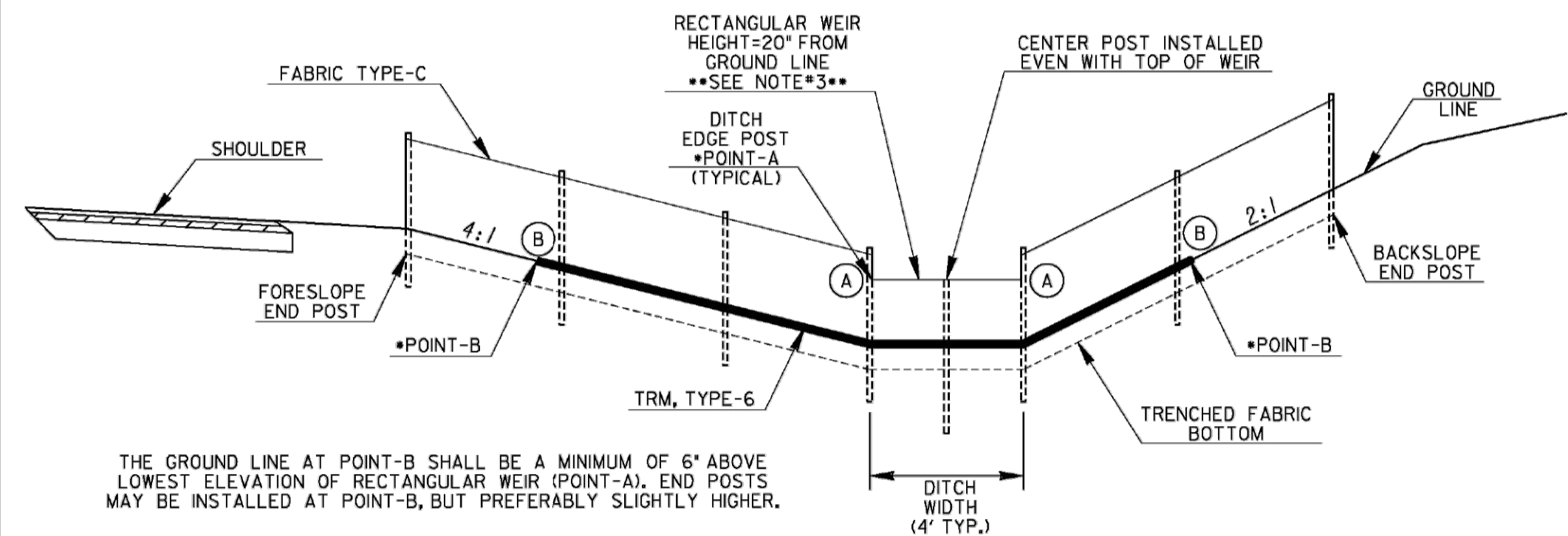
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PLAN VIEW

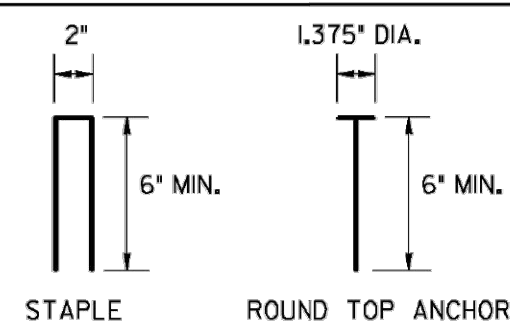
GRADE OF DITCH	MINIMUM SPACING (FEET)
LESS THAN 1%	100' ±
1% TO 3%	75' ±
3% TO 6%	50' ±
6% TO 8%	25' ±



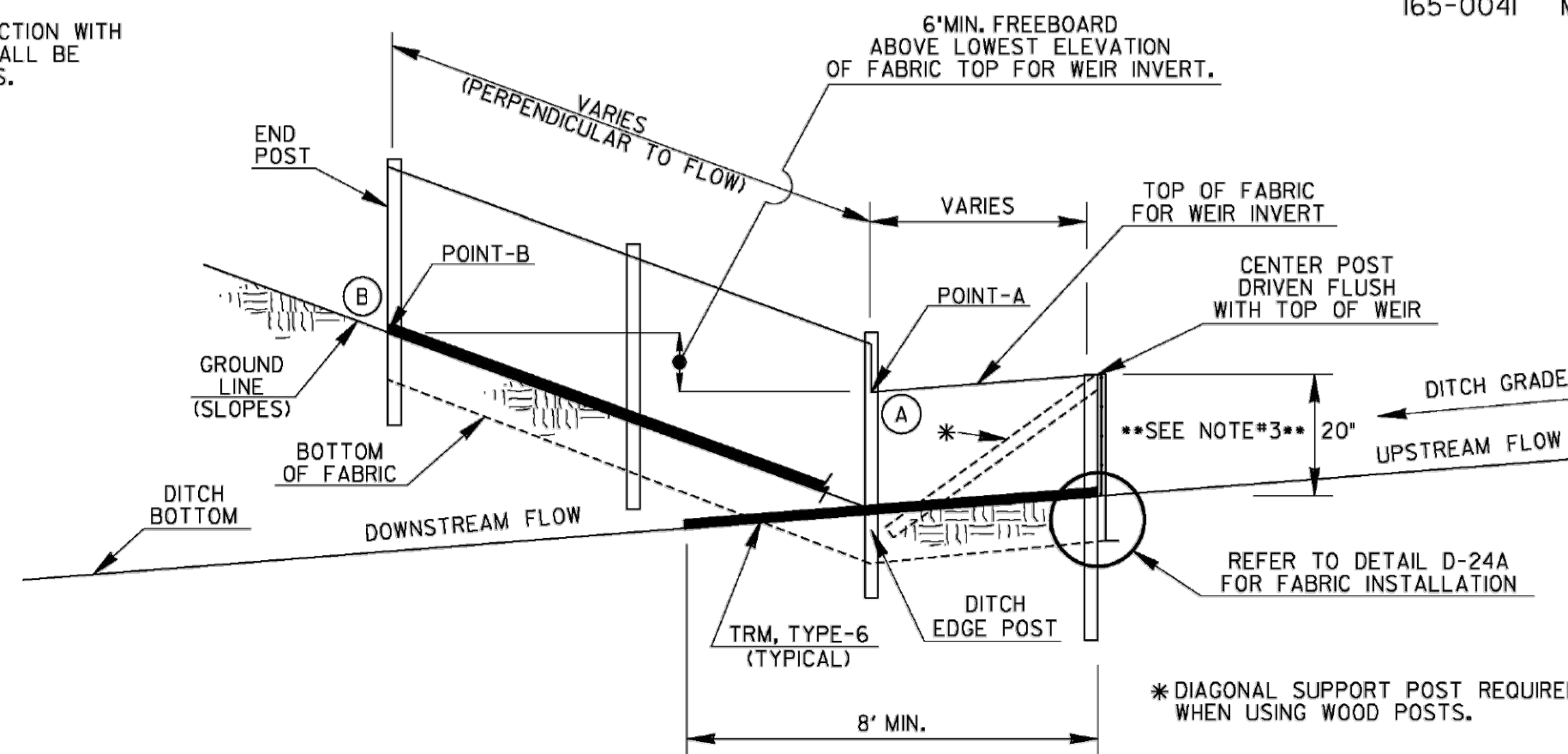
SECTION A-A

NOTE: CROSS-SECTION SHOWN IS AN EXAMPLE OF A TYPICAL CUT SECTION WITH A 4-FT FLAT BOTTOM DITCH. ACTUAL FABRIC CHECK DAMS SHALL BE INSTALLED SIMILARLY ACCORDING TO ROADWAY CROSS-SECTIONS.

TURF REINFORCEMENT MATTING ANCHOR



NOTE: TURF REINFORCEMENT MATTING SHALL BE ANCHORED WITH 8-GAUGE METAL STAPLES OR ROUND TOP ANCHORS. ANCHORS SHALL BE LONG ENOUGH TO PROVIDE SUFFICIENT GROUND PENETRATION TO RESIST PULL OUT.



NOTES:

- FABRIC CHECK DAMS MAY BE USED FOR FLOWS UP TO 2.0-CFS. A ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM POINT FOR FLOWS GREATER THAN 2.0-CFS.
- FABRIC CHECK DAMS SHALL NOT BE PLACED WITHIN FLOWING STATE WATERS.
- FABRIC CHECK DAMS MAY BE USED IN DITCHES WITH DEPTHS AT LEAST 26-IN. IF DITCH DEPTH IS LESS THAN 26-IN, THE WEIR INVERT MAY BE LOWERED SLIGHTLY IN THE FIELD TO PROVIDE 6-IN MINIMUM FREEBOARD ABOVE POINT-A OR TO MATCH SPACING OF WIRE SUPPORT. THE WEIR HEIGHT SHALL BE NO LESS THAN 15-IN. THE DESIGNER SHALL CONSIDER OTHER APPROPRIATE BMPs FOR CONCENTRATED FLOW FOR DITCH DEPTHS LESS THAN 26-IN.
- THE FOLLOWING STEPS ARE RECOMMENDED FOR PROPER FABRIC CHECK DAM INSTALLATION:
 - DETERMINE DITCH CENTERLINE AND USE A LINE LEVEL OR OTHER MEANS TO FIND POINT-B WITHIN THE DITCH FORESLOPE AND BACKSLOPE TO PROVIDE 6-IN MINIMUM FREEBOARD ABOVE POINT-A.
 - CREATE TRENCH 6-IN BELOW DITCH GRADE TO FIT LAYOUT FROM STEP-A WITH MINIMAL SOIL DISTURBANCE.
 - LAYOUT TURF REINFORCEMENT MATTING (TRM), TYPE-6 TO PROVIDE PROTECTION A MINIMUM LENGTH OF 8-FT DOWNSTREAM OF CENTER POST TO FUNCTION AS A SPLASH PAD TO PREVENT SCOURING. ADDITIONAL NECESSARY TRM SHALL BE OVERLAPPED 3-FT. THE WIDTH SHALL BE THE DISTANCE BETWEEN POINT-B ON THE DITCH FORESLOPE AND POINT-B ON BACKSLOPE.
 - INSTALL FENCE POSTS THROUGH TRM WITHIN TRENCH. CENTER POST AND POSTS WITHIN WEIR AREA SHALL BE INSTALLED FLUSH WITH WEIR. CUT TRM WITHIN TRENCH FOLLOWING CHECK DAM LAYOUT AND SAVE UPSTREAM PORTION OF TRM FOR FURTHER USE.
 - PROPERLY INSTALL TYPE-C SILT FENCE. TRENCH BACKFILL SHALL BE COMPACTED WITH A HAND TAMPER, JUMPING JACK COMPACTOR, OR PLATE COMPACTOR TO PREVENT UNDERMINING.
 - INSTALL PREVIOUSLY CUT TRM FROM STEP-D UPSTREAM AGAINST CHECK DAM. INSTALLING UPSTREAM AND DOWNSTREAM TRM ACCORDING TO DETAIL D-35 FOR THIS TEMPORARY APPLICATION IS NOT REQUIRED. HOWEVER, TRM SHALL HAVE PROPER CONTACT WITH GROUND SURFACE, ANCHORED 6-IN MAXIMUM SPACING ALONG THE EDGES, AND ADEQUATELY WITHIN THE MATTED AREA.
- TEMPORARY INSTALLATION OF TRM WITH FABRIC CHECK DAMS SHALL BE INCLUDED IN THE LINEAR COST OF THE CONSTRUCTION, REMOVAL, AND MAINTENANCE OF EACH FABRIC CHECK DAM. NO ADDITIONAL PAYMENT WILL BE MADE.

PAY ITEMS:

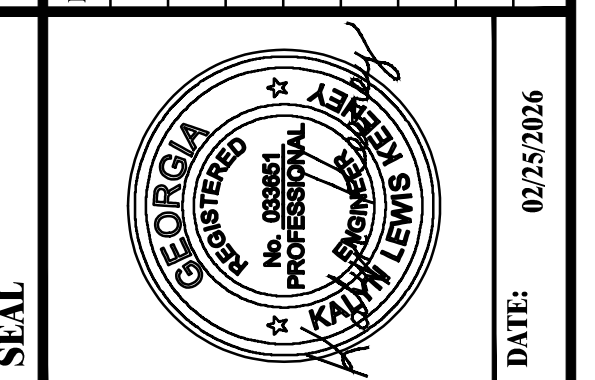
- 163-0528 CONSTRUCT & REMOVE FABRIC CHECK DAM, TYPE-C SILT FENCE (LF)
- 165-0041 MAINTENANCE OF CHECK DAMS - ALL TYPES (LF)

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



PROJECT: CAMPBELLTON ROAD PUMP STATION AND FORCE MAIN
PREPARED FOR: FULTON COUNTY DEPARTMENT OF PUBLIC WORKS

REVISIONS	NO.	DATE	DESCRIPTION
	D	02/26/25	80% DESIGN SUBMITTAL
	E	02/25/26	100% DESIGN SUBMITTAL



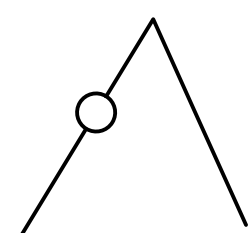
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DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		CONSTRUCTION DETAILS TEMPORARY SILT FENCE FABRIC CHECK DAM	
BY		NO SCALE REV. AND REDRAWN, JULY 2015	
		NUMBER D-24D (SHEET 4 OF 4)	

DRAWING TITLE
EROSION CONTROL DETAILS

DRAWING DATE	02/25/2026	DRAWN BY	JNL
DRAWING SCALE	AS SHOWN	DESIGNED BY	JNL
PROJECT NUMBER	2024-0394	CHECKED BY	KLK
DRAWING NUMBER			

KALYN L. KEENEY, PE
GASWCC LEVEL II
CERTIFICATION #056993
EXPIRES 01/21/2027



1 FILTER FABRIC CHECK DAM DETAIL
NOT TO SCALE

1 2 3 4 5 6 7 8 9 10 11 12 13 14

ISSUED FOR CONSTRUCTION