

FILE PATH: X:\FY25\125028107 CAD\BIM\07 02 CAD\CIVIL\G-001 PLOTTED BY: HENAO, CESAR DATE: 10/31/2025

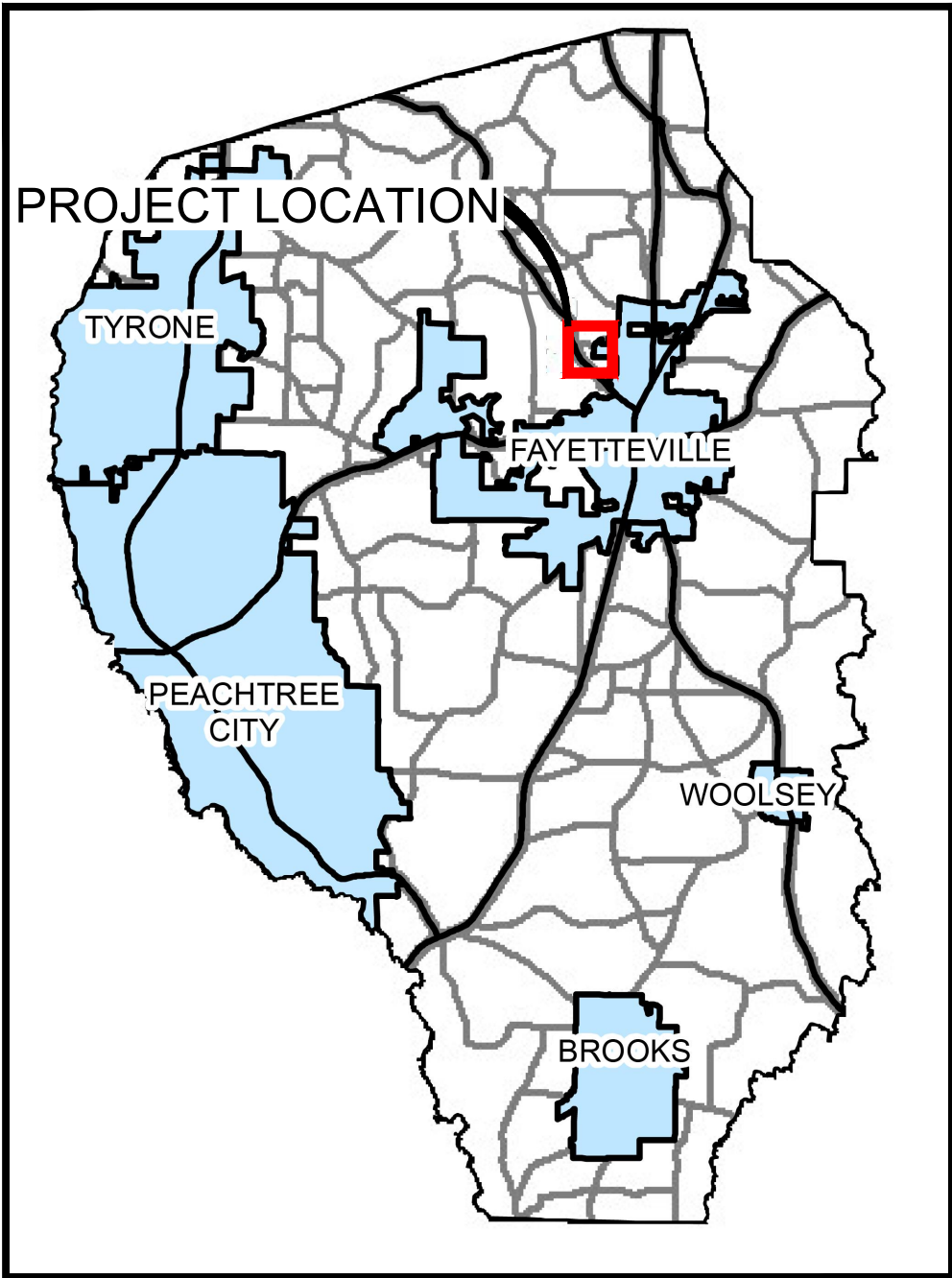
CIVIL CONSTRUCTION DOCUMENTS FOR

FAYETTE COUNTY
115 BRANDON MILL CIRCLE - CULVERT REPLACEMENT

115 BRANDON MILL CIRCLE, FAYETTE COUNTY, GA.

ISSUED FOR REVIEW

COUNTY PROJECT NUMBER: 25SAH



VICINITY MAP

SCALE: NTS



CLIENT INFORMATION

OWNER CONTACT (24-HR):
PHIL MALLON
PHONE (770) 313-9855
publicworks@FayetteCountyGA.GOV

CLIENT INFORMATION:
FAYETTE COUNTY ENVIRONMENTAL
MANAGEMENT
140 STONEWALL AVE. W.,
SUITE 203, FAYETTEVILLE, GA. 30214

CIVIL DESIGN TEAM

PROJECT MANAGER:
CODY OWENBY, P.E.
Cody.Owenby@pondco.com
CIVIL ENGINEER:
CODY OWENBY, P.E.

POND AND COMPANY
3500 PARKWAY LANE SUITE 500
PEACHTREE CORNERS, GA 30092
PHONE (678) 336-7740
FAX (678) 336-7744
WEB: www.pondco.com

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

PROJECT DESCRIPTION:
THE PROJECT CONSISTS OF REMOVING AN EXISTING DETERIORATED
18-INCH AND 36-INCH DIAMETER CMP CULVERT UNDER BRANDON MILL
CIRCLE. THE CULVERTS ARE BEING REPLACED WITH A 28 LINEAR FOOT
36-INCH DIAMETER RCP CULVERT AND A 28 LINEAR FOOT 18-INCH
DIAMETER RCP CULVERT.

PROJECT INFORMATION:

DISTURBED AREA:
0.06 ACRES

IMPERVIOUS SURFACE AREA:
0.02 ACRES

PIPE CROSSING IN CENTER OF ROAD COORDINATES
N33.48297°, W84.46366° & N33.48256°, W84.46451°

REFERENCE DATUM:
HORIZONTAL: NAD 1983 (2011) - STATE PLANE COORDINATE SYSTEM
OF GEORGIA - WEST ZONE.
VERTICAL: NAVD 1988.

PROJECT SPECIFICATION:
THE CONTRACTOR SHALL REFER TO AND USE THE SUPPLIED COUNTY
PROJECT SPECIFICATIONS. FOR OTHER APPLICABLE STANDARDS OR
SPECIFICATIONS, CONTRACTOR TO USE THE CURRENT GDOT
APPROVED STANDARD SPECIFICATION CONSTRUCTION OF
TRANSPORTATION SYSTEM DOCUMENT FOR THIS PROJECT.

Sheet List Table

Sheet Number	Sheet Title
G-001	COVER SHEET
C-001	GENERAL CIVIL NOTES, ABBREVIATIONS AND LEGEND
C-002	GENERAL CIVIL NOTES, ABBREVIATIONS AND LEGEND
V-001	TOPOGRAPHIC SURVEY
CD101	DEMOLITION PLAN
CG101	SITE AND GRADING PLAN
CG201	STORM PROFILES
C-501	CONSTRUCTION DETAILS
C-502	CONSTRUCTION DETAILS
C-503	CONSTRUCTION DETAILS
CE001	EROSION AND SEDIMENT CONTROL NOTES
CE002	EROSION AND SEDIMENT CONTROL NOTES
CE003	EROSION AND SEDIMENT CONTROL NOTES
CE101	EROSION AND SEDIMENT CONTROL PLAN - INITIAL PHASE
CE201	EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE
CE501	EROSION AND SEDIMENT CONTROL DETAILS
CE502	EROSION AND SEDIMENT CONTROL DETAILS



3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092

Copyright © 2025 by Pond & Company. All
rights reserved. No copying or duplication of
these documents is allowed without the
expressed written agreement of Pond &
Company.

EOR/AOR SEAL



CLIENT INFORMATION

FAYETTE COUNTY

140 STONEWALL AVE W, STE 203
FAYETTEVILLE, GA. 30214

PROJECT NAME

115 BRANDON
MILL CIRCLE
CULVERT
REPLACEMENT

FAYETTE COUNTY, GA

DRAWING ISSUE

DATE

DESCRIPTION

MARK

DESIGNED BY: CAO
DRAWN BY: JAG
CHECKED BY: KU
SUBMITTED BY: KW
DATE: OCTOBER 31, 2025
PROJECT # 1250281

SHEET TITLE

COVER SHEET

SHEET NUMBER

G-001

SHEET 1 OF 17

ORIGINAL SHEET SIZE:
22" X 34"



Know what's below.
Call before you dig.
Dial 811
Or Call 800-282-7411

100% SUBMITTAL - ISSUED FOR CONSTRUCTION

CIVIL LEGEND

Copyright © 2025 by Pond & Company. All rights reserved. No copying or duplication of these documents is allowed without the expressed written agreement of Pond & Company.

GEORGIA
REGISTERED
No. PE047343
PROFESSIONAL
ENGINEER
CODY ALAN OWENBY

EXP. 9/10/2027

CLIENT INFORMATION

140 STONEWALL AVE W, STE 203

FAYETTEVILLE, GA. 30214

PROJECT NAME

FAYETTE COUNTY, GA

DRAWING ISSUE

ET

NO

PK

DESIGNED BY: CAO

DRAWN BY: JAG

CHECKED BY: KLI

SUBMITTED BY: 10M

SUBMITTED BY: RW

DATE: OCTOBER 31, 2025

PROJECT # 1250281

SHEET TITLE

SHEET NUMBER

C-001

SHEET 2 OF 17

ORIGINAL SHEET SIZE:
22" X 34"

100% SUBMITTAL - ISSUED FOR CONSTRUCTION

PPM	REVOLUTIONS PER MINUTE
RR	RAILROAD
RT	RIGHT
RVT	RIVETED
RW	RAW WATER
RWW	RAW WASTEWATER
R/W	RIGHT-OF-WAY
S	SOUTH
SA	SAMPLE LINE
SAN	SANITARY
SCHED	SCHEDULE
SD	STORM DRAIN
SE	SOUTHEAST
SECT	SECTION
SEFF	SECONDARY EFFLUENT
SF	SQUARE FOOT OR FEET
SH	SHEET(ED)(ING)
SIG	SIGNAL
SIM	SIMILAR
SL	SLUDGE
SLV	SLEEVE
SM	SHEET METAL
SOLN	SOLUTION
SP	SOIL PIPE, SPACE(ING)
SPEC	SPECIFICATION
SPRT	SUPPORT
SQ	SQUARE
SS	SANITARY SEWER
SSE	SUBSTANDARD EFFLUENT
SST	STAINLESS STEEL
ST	STREET
STA	STATION
STD	STANDARD
STK	STAKE
STL	STEEL
STR	STRAIGHT
STRUCT	STRUCTURAL
SURF	SURFACE
SV	SOLENOID VALVE
SVCE	SERVICE
SVW	SERVICE WATER
SW	SOUTHWEST
SWD	SIDEWATER DEPTH
SWSH	SURFACE WASH
SYM	SYMBOL
SYMM	SYMMETRICAL
S/W	SIDEWALK
T	TANGENT TOP OF BEAM
TAN TB	TEMPORARY BENCH MARK TEST
TBM	BORING-xx (e.g. TB-1)
TB-xx	
TD	TRENCH DRAIN
TDH	TOTAL DYNAMIC HEAD
TE	TOTALLY ENCLOSED
TEFC	TOTALLY ENCLOSED FAN COOLED
TEL	TELEPHONE
TENV	TOTALLY ENCLOSED NON-VENTILATED
THD	THREAD(ED)
THK	THICK(NESS)
THK	TELEMETRY
TOB	TOP OF BANK
TOC	TOP OF CURB
TOS	TOE OF SLOPE
TOT	TOTAL
TP	TELEPHONE POLE
TS	THICKENED SLUDGE
TV	TELEVISION
TP	TYPICAL
T&B	TOP AND BOTTOM
U	
UD	UNDERDRAIN
UG	UNDERGROUND
ULT	ULTIMATE
UN	UNION
UON	UNLESS OTHERWISE NOTED
UGE	UNDERGROUND ELECTRIC
UTC	UNDERGROUND TELEPHONE CABLE
UTIL	UTILITY
V	
V	VOLT(S)
VAC	VACUUM
VAR	VARIES
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VEL	VELOCITY
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
W	
W	WATT, WEST
WAS	WASTE ACTIVATED SLUDGE WALL
WCO	WATER CUT
WF	WIDE FLANGE
WH	WALL HYDRANT
WL	WATER LINE
WM	WATER MAIN
WP	WATER PROOF(ING) WORKING POINT
WPR	WORKING PRESSURE
WSP	WATER SURFACE
WSD	WELDED STEEL PIPE
WT	WEIGHT
WTP	WATER TREATMENT PLANT
WW	WASH WATER
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
WWTP	WASTEWATER TREATMENT PLANT
W/O	WITHOUT
X	
XFER	TRANSFER
Y	
YD	YD YARD(S)
YH	YARD HYDRANT
YR	YEAR(S)

HATCHING LEGEND

	ASPHALT PAVEMENT
---	------------------

HATCHING LEGEND

UD	UNDERDRAIN
UG	UNDERGROUND
ULT	ULTIMATE
UN	UNION
UN	UNLESS OTHERWISE NOTED
UGE	UNDERGROUND ELECTRIC
UTC	UNDERGROUND TELEPHONE CABLE
UTIL	UTILITY
V	
V	VOLT(S)
VAC	VACUUM
VAR	VARIES
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VEL	VELOCITY
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
W	
W	WATT, WEST
WAS	WASTE ACTIVATED SLUDGE WALL
WCO	CLEAN OUT
WF	WIDE FLANGE
WH	WALL HYDRANT
WL	WATER LINE
WM	WATER MAIN
WP	WATER PROOF(ING) WORKING POINT
WPR	WORKING PRESSURE
WS	WATER SURFACE
WSP	WELDED STEEL PIPE
WT	WEIGHT
WTP	WATER TREATMENT PLANT
WW	WASH WATER
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
WWTP	WASTEWATER TREATMENT PLANT
W/	WITH
W/O	WITHOUT
X	
XFER	TRANSFER
Y	
YD	YD YARD(S)
YH	YARD HYDRANT
YR	YEAR(S)

NOTE:

1. NOT ALL ABBREVIATIONS SHOWN WILL BE USED ON THIS PROJECT.

SHEET NAMING CONVENTION

C-001

2 DIGIT DISCIPLINE
DESIGNATOR
(IF ONLY ONE LETTER IS
USED, THE SECOND
LETTER IS REPLACED
WITH A DASH "-" AS A
PLACEHOLDER)** _____

1 DIGIT SHEET TYPE DESIGNATOR
0 - GENERAL
1 - PLANS
2 - PROFILES
3 - SECTIONS
4 - ENLARGED PLANS
5 - DETAILS
6 - SCHEDULES AND DIAGRAMS
7 - USER DEFINED
8 - USER DEFINED
9 - 3D VIEWS (ISO, PERSPECTIVES,
PHOTOS)

2 DIGIT SEQUENTIAL # (01-99)
(FIRST DIGIT INDICATES PLAN
TYPE. SECOND DIGIT INDICATES
FLOOR)

PROJECT CONTACTS:

CIVIL ENGINEER FOR THIS PROJECT IS:
POND & COMPANY
3500 PARKWAY LANE, SUITE 500
PEACHTREE CORNERS, GA 30092
P: (678) 336.7740
CONTACT: CODY OWENBY

SURVEYOR FOR THIS PROJECT IS:
GEOSURVEY, LTD.
1660 BARNES MILL ROAD
MARIETTA, GA 30062
P: (770) 795.9900
CONTACT: BRADLEY D. CASH

FILE PATH: X:\FY25\125028107 CAD-BIM\07.02 CAD\CIVIL\C-001 PLOTTED BY: HENAO, CESAR DATE: 10/31/2025

	1	2	3	4	5
	GENERAL NOTES				
D	1. BENCHMARK FOR CONSTRUCTION HAS BEEN PROVIDED ON SHEET V-001. 2. ALL LABOR, MATERIALS, AND METHODS OF CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE MINIMUM ENGINEERING AND CONSTRUCTION STANDARDS ADOPTED BY GEORGIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS AND FAYETTE COUNTY STANDARDS. WHERE CONFLICTS OR OMISSIONS EXIST, FAYETTE COUNTY STANDARDS SHALL DICTATE. SUBSTITUTIONS AND DEVIATION FROM PLANS AND SPECIFICATIONS SHALL BE PERMITTED ONLY WHEN WRITTEN APPROVAL HAS BEEN ISSUED BY THE ENGINEER. 3. SHOP DRAWINGS OF ALL MATERIALS BEING USED SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION. 4. ALL MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS AND FAYETTE COUNTY DEVELOPMENT REGULATIONS, LATEST EDITION, UNLESS OTHERWISE WAIVED. 5. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL REQUIRED PERMITS ARE OBTAINED AND IN HAND BEFORE BEGINNING ANY CONSTRUCTION. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES, ANY PENALTIES, STOP WORK ORDERS OR ADDITIONAL WORK RESULTING FROM THE CONTRACTOR BEING IN VIOLATION OF THE REQUIREMENTS ABOVE, SHALL BE FULLY BORNE BY THE CONTRACTOR. 6. THE LOCATION OF ALL EXISTING UTILITIES AND STORM DRAINAGE SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR INACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING UNDERGROUND UTILITIES, WHETHER SHOWN ON THE PLAN OR LOCATED BY THE UTILITY COMPANY. ALL UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FIRST. ANY FEES ASSOCIATED WITH UTILITY RELOCATIONS SHALL BE BORNE IN ACCORDANCE WITH RESPECTIVE UTILITY COMPANY STANDARDS. IT IS REQUESTED UTILITY COMPANIES MOVE THEIR PARTICULAR UTILITIES, ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE RELOCATION OF THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED. DIAL 811 BEFORE DIGGING OR CALL 800-282-7411.				
C	7. THE COUNTY PM SHALL SCHEDULE A PRE-CONSTRUCTION MEETING TO BE HELD BETWEEN FAYETTE COUNTY, UTILITIES, ENGINEER OF RECORD, CONTRACTOR AND ANY SUBCONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. 8. THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATIONS OF EVERY KIND, INCLUDING LANDSCAPE SPRINKLERS, SHALL BE PLACED BENEATH THE PAVEMENT AND ITS EDGES PRIOR TO THE CONSTRUCTION OF THE PAVEMENT. THE PAVEMENT SHALL NOT BE CUT WITHOUT PRIOR APPROVAL OF THE ENGINEER. 9. THE CONTRACTOR SHALL NOTIFY THE COUNTY PM AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION AND AT LEAST 48 HOURS HOURS BEFORE REQUIRED INSPECTION ON EACH AND EVERY PHASE OF WORK. THE CONTRACTOR SHALL NOTIFY THE COUNTY PM A MINIMUM OF 48 HOURS NOTICE PRIOR TO ANY SCHEDULED TESTING. NO PRESSURE TESTING, OR FINAL TESTING WILL BE ACCEPTED UNLESS WITNESSED BY THE COUNTY PM'S REPRESENTATIVE. THE CONTRACTOR IS REQUIRED TO NOTIFY 48 HOURS TO FAYETTE COUNTY FOR PROOF ROLL, OF GAB PLACEMENT. 10. ALL CONTRACTORS, FAYETTE COUNTY REPRESENTATIVES, AND UTILITY COMPANIES ARE RESPONSIBLE FOR THEIR RESPECTIVE SURVEYING AND LAYOUT FROM BENCHMARK PROVIDED ON CONSTRUCTION PLANS. ANY SURVEY MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE REPLACED UPON COMPLETION OF THE WORK BY A REGISTERED LAND SURVEYOR. 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING ANY CONSTRUCTION ACTIVITIES FROM TAKING PLACE OUTSIDE OF THE LIMITS OF CONSTRUCTION SHOWN ON THE PLANS. ANY ON-SITE OR OFF-SITE AREAS DISTURBED SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER. 12. THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF CONSTRUCTION PLANS AND ALL PERMITS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE TWO (2) SETS OF RECORD DRAWINGS TO THE ENGINEER OF RECORD WITHIN TWO (2) WEEKS AFTER CONSTRUCTION HAS BEEN COMPLETED ON EACH PHASE.				
B	13. TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS WAS TAKEN FROM SURVEY PROVIDED BY: GEOSURVEY, LTD., DATED: 7-31-2024. 14. ANY CONSTRUCTION BEYOND THE RIGHT-OF-WAY AND/OR ESTABLISHED EASEMENT LINES, ONTO ADJACENT PROPERTY, REQUIRES ADJACENT PROPERTY OWNER PERMISSION AND NECESSARY EASEMENTS PRIOR TO PERFORMING ANY WORK. THE CONTRACTOR IS TO VERIFY SUCH EASEMENTS AND PERMISSIONS PRIOR TO DISTURBING ANY OFF-SITE PROPERTY. 15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EXISTING SITE CONDITIONS OF SOIL PRIOR TO N.T.P. CONSTRUCTION TO DETERMINE IF ANY OFF SITE MATERIALS WILL NEED TO BE IMPORTED TO ACHIEVE THE GRADES SPECIFIED ON THE PLANS. 16. CLEAR AREAS INDICATED SHALL BE COMPLETELY CLEAR OF ALL TIMBER, BRUSH, STUMPS, ROOTS, GRASS, WEEDS, RUBBISH, AND ALL OTHER DEBRIS AND OBSTRUCTIONS RESTING ON OR PROTRUDING THROUGH THE SURFACE OF THE GROUND. 17. PRIOR TO BID PREPARATION, THE CONTRACTOR MUST BECOME FAMILIAR WITH THE OVERALL SITE CONDITIONS AND PERFORM ADDITIONAL INVESTIGATIONS AS DETERMINED NECESSARY TO UNDERSTAND THE LIMIT AND DEPTH OF EXPECTED ORGANIC SILT PEAT AREAS, PRESENCE OF ROCK, ADEQUACY OF EXISTING MATERIALS AS FILL, DEWATERING REQUIREMENTS, CLEAN FILL REQUIRED FROM OFFSITE, AND MATERIALS TO BE DISPOSED OF OFFSITE, ALL OF WHICH WILL AFFECT THE PRICING. ANY DELAY, INCONVENIENCE, OR EXPENSE CAUSED TO THE CONTRACTOR DUE TO INADEQUATE INVESTIGATION OF EXISTING CONDITIONS SHALL BE INCIDENTAL TO THE CONTRACT, AND NO EXTRA COMPENSATION WILL BE ALLOWED. THE MATERIALS ANTICIPATED TO BE ENCOUNTERED DURING CONSTRUCTION MAY REQUIRE DRYING PRIOR TO USE AS BACKFILL, AND THE CONTRACTOR MAY HAVE TO IMPORT MATERIALS, AT NO EXTRA COST, FROM OFFSITE TO MEET THE REQUIREMENTS FOR COMPACTION AND PROPER FILL. 18. NEITHER OWNER NOR ENGINEER ASSUMES ANY RESPONSIBILITY FOR ERRORS OR MISINTERPRETATIONS RESULTING FROM USE OF INCOMPLETE SETS OF BIDDING DOCUMENTS.				
A	DEMOLITION NOTES 1. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS AND LICENSES FOR PERFORMING THE DEMOLITION WORK AND SHALL FURNISH A COPY OF THESE ITEMS TO THE ENGINEER PRIOR TO COMMENCING THE WORK. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE PERMITS. 2. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OR LOCAL AUTHORITIES FURNISHING GAS, WATER, ELECTRICAL, TELEPHONE, OR SEWER SERVICE SO THEY CAN REMOVE, RELOCATE, DISCONNECT, CAP OR PLUG THEIR EQUIPMENT IN ORDER TO FACILITATE DEMOLITION. DIAL 811 BEFORE DIGGING OR CALL 800-282-7411. 3. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL TREES, STRUCTURES, AND UTILITIES NOT MARKED FOR REMOVAL OR DEMOLITION AND SHALL PROMPTLY REPAIR ANY DAMAGE AS DIRECTED BY THE ENGINEER AT NO COST TO THE OWNER.				
	4. THE CONTRACTOR SHALL REMOVE PAVING MARKED FOR DEMOLITION WHICH INCLUDES ALL ASPHALT, CONCRETE, BASE, AND RETAINING WALLS (INCLUDING THE FOOTERS). 5. THE CONTRACTOR SHALL REMOVE UNSALVAGEABLE MATERIALS AND YARD WASTE FROM THE SITE IMMEDIATELY AND DISPOSE OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS 6. THE CONTRACTOR SHALL SAW-CUT A SMOOTH STRAIGHT EDGE ON ANY PAVEMENT PROPOSED FOR DEMOLITION PRIOR TO ITS REMOVAL. PRIOR TO CONNECTING PROPOSED PAVEMENT TO EXISTING PAVEMENT, THE CONTRACTOR SHALL ENSURE THAT THE EDGE OF THE EXISTING PAVEMENT IS STRAIGHT AND UNIFORM. 7. CONTRACTOR TO FOLLOW ALL APPLICABLE OSHA STANDARDS FOR ALL EXCAVATIONS.				
	FAYETTE COUNTY WATER SYSTEM NOTES:				
	1. ALL CONSTRUCTION TO BE IN STRICT ACCORDANCE WITH FAYETTE COUNTY WATER SYSTEM SPECIFICATIONS. 2. ALL MATERIALS SHALL CONFORM TO FAYETTE COUNTY DEVELOPMENT SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE FAYETTE COUNTY WATER SYSTEM SUBMITTALS ON ALL PIPE AND MATERIALS USED FOR APPROVAL. ANY WORK DONE BY THE CONTRACTOR SHALL BE AT HIS OWN RISK UNTIL REVIEW AND APPROVAL OF THESE SUBMITTALS ARE COMPLETE. 3. THE CONTRACTOR SHALL NOTIFY THE FAYETTE COUNTY WATER SYSTEM 48 HOURS PRIOR TO CONSTRUCTION TO SCHEDULE A PRE-CONSTRUCTION CONFERENCE. 4. THE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE FAYETTE COUNTY WATER SYSTEM BEFORE ANY WORK IS HIDDEN FROM VIEW. 5. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING ALL UTILITIES BEFORE CONSTRUCTION AND VERIFYING THE LOCATION OF ALL UTILITIES SHOWN OR NOT SHOWN. 6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY AND COORDINATE HIS WORK WITH EXISTING UTILITIES WHICH CONFLICT WITH HIS WORK. CONTRACTOR SHALL MAINTAIN SUCH UTILITIES SHOWN OR NOT SHOWN ON THIS PLAN. 7. ALL VALVE BOXES ARE TO HAVE COLLARS AND MARKERS AS REQUIRED BY THE FAYETTE COUNTY WATER SYSTEM DEPARTMENT. 8. WATER LINES SHALL HAVE A MINIMUM COVER OF 4 FEET FROM FINISHED GRADE. 9. MINIMUM HORIZONTAL DISTANCE BETWEEN WATER LINES AND SEWER SHALL BE 10 FEET AND VERTICAL DISTANCE MINIMUM OF 2 FEET. 10. ALL OTHER UNDERGROUND UTILITIES OR STRUCTURES SHALL BE A MINIMUM HORIZONTAL AND VERTICAL DISTANCE OF 2 FEET FROM WATER LINES. 11. WATER LINES SHALL BE LOCATED 7'-0" FROM THE BACK OF THE CURB OR PER AS APPROVED UTILITY PLACEMENT DETAIL. 12. ALL WATER SERVICES SHALL BE MARKED WITH A SAWED "W" NOTCH PAINTED BLUE ON THE CURB. 13. ALL WATER MAIN CROSSING UNDER PAVEMENT SHALL BE DIP IN STEEL CASING AS PER FAYETTE COUNTY WATER SYSTEM SPECIFICATIONS. 14. ALL VALVES AND FITTINGS ARE TO BE RESTRAINED WITH APPROPRIATE TYPE AND NUMBER OF EBBA IRON OR UNIFLANGE RESTRAINT SYSTEM APPURTENANCES APPROVED BY THE FAYETTE COUNTY WATER SYSTEM PRIOR TO CONSTRUCTION. ANY CONCRETE BLOCKING THAT IS ALLOWED SHALL BE INSTALLED TO UNDISTURBED EARTH. 15. ALL SERVICE LINES CROSSING UNDER PAVEMENT OR IN FRONT OF LOTS SHALL BE ENCASED IN 2" CONDUIT MATERIAL APPROVED BY FAYETTE COUNTY WATER SYSTEM.				
	ESPC NOTES				
	1. AMENDMENTS/REVISIONS TO THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPS WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL. 2. WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT. 3. ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED WITH FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE. 4. INSPECT AND DOCUMENT THE CONDITION OF RUNOFF CONTROLS EVERY 7 DAYS, OR EVERY 14 DAYS AND WITHIN 24 HOURS AFTER EACH RAIN OF 0.5 INCH OR MORE. 5. PERMITEE SHALL SUBMIT A SIGNED NOTICE OF TERMINATION (NOT) FORM TO THE GEORGIA DIVISION OF WATER AFTER THE SITE HAS BEEN FINALLY STABILIZED. 6. 67 CY/AC SEDIMENT STORAGE SUBSTANTIALLY HANDLED BY SILT FENCE. THE LINEAR NATURE OF THIS PROJECT COUPLED WITH LIMITED WORK AREA (ESPECIALLY ADJACENT TO STATE WATER) DOES NOT PROVIDE OPPORTUNITY FOR INSTALLATION OF PERMANENT BMPS TO PREVENT POLLUTANTS FROM DISCHARGING THE SITE WITHOUT FURTHER ENCROACHMENT INTO ADJACENT PRIVATE PROPERTY. DURING CONSTRUCTION, SILT FENCE WILL BE USED TO PREVENT POLLUTANTS FROM DISCHARGING THE SITE. AFTER CONSTRUCTION IS COMPLETE ALL AREAS WILL BE STABILIZED. 7. SOIL STOCKPILES MUST BE LOCATED AWAY FROM STREAMS, PONDS, SWALES AND CATCH BASINS. STOCKPILES MUST BE SEEDED, MULCHED, AND ADEQUATELY CONTAINED THROUGH THE USE OF SILT FENCE. 8. SEDIMENT-LADEN WATER ENCOUNTERED DURING TRENCHING, BORING, OR OTHER EXCAVATION ACTIVITIES MUST BE PUMPED TO A SEDIMENT TRAPPING OR FILTERING DEVICE AND CLEANED BEFORE BEING DISCHARGED. DISCHARGES TO STORM DRAINS, DITCHES, OR WATER BODIES MUST BE COVERED UNDER A EPD PERMIT. 9. ALL BARE SOIL AREAS NOT SUBJECT TO ACTIVE CLEARING, EXCAVATION, GRADING, OR FILL ACTIVITIES MUST BE STABILIZED WITH TEMPORARY OR PERMANENT SEEDING OR MULCHING WITHIN 14 DAYS. 10. GOOD HOUSEKEEPING PRACTICES MUST BE APPLIED TO PREVENT CONTAMINATED RUNOFF OR OTHER IMPACTS FROM PAINT OR CONCRETE WASTES, FUELS AND OILS, TRASH AND LITTER, OR OTHER MATERIALS. 11. SILT FENCES, DITCH CHECKS, NON-PERMANET SEDIMENT TRAPS, AND OTHER TEMPORARY CONTROLS MUST BE REMOVED AFTER VEGETATION IN UPGRADIENT AREAS IS ESTABLISHED AND DITCHES ARE STABLE. 12. GOOD HOUSEKEEPING MEASURES FOR MATERIALS STORAGE AND HANDLING, VEHICLE FUELING AND MAINTENANCE, SPILL RESPONSE AND CLEANUP, AND WASTE MANAGEMENT MUST BE FOLLOWED TO ENSURE THAT RUNOFF FROM THE SITE IS FREE OF CONTAMINANTS. 13. ALL BMPS SELECTED SHALL BE INSTALLED, OPERATED, AND MAINTAINED ACCORDING TO GSWCC FIELD MANUAL, GEORGIA DIVISION OF WATER GUIDELINES, MANUFACTURER'S REQUIREMENTS, OR STANDARD INDUSTRY PRACTICE, AS APPROPRIATE. 14. APPROVED PLANS AND NPDES DAILY LOG MUST BE ONSITE AT ALL TIMES.				
	EARTHWORK, GRADING, STABILIZATION, PAVING AND DRAINAGE NOTES				
	1. COMPACT ALL UTILITY TRENCHES WITHIN ROADWAYS TO 98% OF THE MODIFIED PROCTOR MAXIMUM DENSITY (AASHTO T - 180) AND TO 95% WITHIN OTHER AREAS. 2. ALL ORGANIC SOILS AS DETERMINED WITHIN UTILITY TRENCHES SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL AND COMPACTED TO NO LESS THAN 98% OF THE MODIFIED PROCTOR MAXIMUM DENSITY (AASHTO T - 180). 3. STABILIZED SUBGRADE TO MEET SPECIFIED REQUIREMENTS. 4. ASPHALTIC CONCRETE TO GDOT STANDARD SPECIFICATION (LATEST EDITION) SECTION 916.1 AND FAYETTE COUNTY, WHICHEVER IS GREATER. 5. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC. 6. ALL CONCRETE FLUMES, WALKS, AND CURBS SHALL BE CONSTRUCTED WITH 3000 PSI CONCRETE. 7. ALL ON-SITE AREAS DISTURBED BY THE CONSTRUCTION SHALL BE STABILIZED USING MEASURES THAT MATCH THE EXISTING VEGETATIVE CONDITIONS OF THE SITE. CONTRACTOR IS RESPONSIBLE FOR IRRIGATION OF PERMANENT GRASSING. 8. THE REINFORCED CONCRETE PIPE SHALL BE CLASS III WITH WALL THICKNESS "B" CONFORMING TO ASTM C - 76 OR AWWA 302 -74 AND GASKETS SHALL BE IN ACCORDANCE WITH ASTM C - 443 OR ASTM D - 412. 9. ALL PIPE CALL OUTS ARE MEASURED CENTER LINE TO CENTER LINE FOR MANHOLES AND INLETS AND FROM THE END OF THE PIPE FOR MITERED END SECTIONS. 10. ALL DEWATERING COSTS ASSOCIATED WITH THE INSTALLATION AND CONSTRUCTION OF THE UNDERGROUND UTILITIES; STORM WATER PIPES AND MANHOLES; SANITARY SEWER MAINS, FORCE MAINS, MANHOLES, AND LIFT STATIONS; AND STORM WATER MANAGEMENT SYSTEMS SHALL BE INCLUDED AS PART OF THE CONSTRUCTION BID COSTS. THE CONTRACTOR SHALL SUBMIT FOR WATER USE PERMITS IF REQUIRED FOR DEWATERING ACTIVITIES. 11. ALL PIPES SHALL HAVE 3 FEET MINIMUM COVER UNLESS OTHERWISE SPECIFIED IN PLANS. CONTRACTOR SHALL TAKE CARE TO PROVIDE PROPER GRADE ELEVATIONS AND ALIGNMENTS. 12. THE CONTRACTOR MUST INSTALL AND MAINTAIN GRASS OR SOD ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETED FINAL GRADES, AS NOTED ON PLANS, AND AT ANY OTHER TIME AS NECESSARY TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES TO ANY DOWNSTREAM WATER BODY, WETLAND, OR OFF-SITE PROPERTY. SODDING ON SLOPES 3:1 AND STEEPER SHALL BE STAKED. 13. THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO CONTROL TURBIDITY AND SEDIMENT INCLUDING, BUT NOT LIMITED TO, THE INSTALLATION OF TURBIDITY BARRIERS AND SILT FENCES AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY AND SEDIMENT BARRIERS MUST BE MAINTAINED AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVING THE BARRIERS. 14. EXISTING RUNOFF CURVE NUMBER FOR THE PROJECT: 67. PROPOSED RUNOFF CURVE NUMBER FOR THE PROJECT: 67. 15. ALL CONCRETE STRUCTURES SHOWN ARE PRE-CAST FROM AN APPROVED VENDOR. CAST-IN-PLACE METHODS MAY BE USED FOR STRUCTURE COMPONENTS WHERE APPLICABLE FOR APPROVAL.				
	OTHER UTILITY INFORMATION				
	1. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES WHICH MAY HAVE THEIR UTILITIES WITHIN THE CONSTRUCTION AREAS TO LOCATE THEIR FACILITIES IN THE FIELD FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING CONSTRUCTION. DIAL 811 BEFORE DIGGING OR CALL 800-282-7411. 2. DUCTILE IRON PIPE SHALL BE ENCASED IN POLYETHYLENE TWENTY-FIVE (25) FEET ON EACH SIDE OF ANY PERPENDICULAR CROSSING OF METALLIC GAS MAINS OR ANY OTHER CATHODICALLY PROTECTED PIPELINE AND FOR LOCATIONS PARALLEL TO AND WITHIN TEN FEET OF METALLIC GAS MAINS OR OTHER CATHODICALLY PROTECTED PIPE AND THROUGH THE AREA OF INFLUENCE OF CATHODIC PROTECTION ANODE BED.				
	SPILL CONTROL NOTES:				
	1. IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS NOTES OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP: a. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES. b. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. c. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF SIZE. d. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED. e. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. 2. 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 WATERS, NATURAL DRAINS AND STORM WATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.				
	TRAFFIC CONTROL NOTES				
	1. ALL REQUIRED TRAFFIC SIGNAGE MUST MEET MUTCD STANDARDS. 2. ALL REQUIRED TRAFFIC STRIPING MUST MEET MUTCD AND GDOT PLAN SPECIFICATIONS AND MUST BE THERMO-PLASTIC. 3. ALL STRIPING LAYOUTS MUST BE APPROVED BY THE COUNTY TRANSPORTATION ENGINEER PRIOR TO FINAL APPLICATION. 4. CONTRACTOR TO COORDINATE LANE CLOSURES WITH FAYETTE COUNTY AND ENGINEER. PROVIDE AT LEAST ONE 12 FOOT LANE FOR TRAFFIC AT ALL TIMES.				

POND

3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092

Copyright © 2025 by Pond & Company. All rights reserved. No copying or duplication of these documents is allowed without the expressed written agreement of Pond & Company.

EOR/AOR SEAL

GEORGIA

REGISTERED

PROFESSIONAL

ENGINEER

CDL ALAN OWENBY

GSWCC# 95439,
EXP: 9/10/2027

CLIENT INFORMATION

FAYETTE COUNTY
140 STONEWALL AVE W, STE 203
FAYETTEVILLE, GA. 30214

PROJECT NAME

115 BRANDON
MILL CIRCLE
CULVERT
REPLACEMENT

FAYETTE COUNTY, GA

DRAWING ISSUE

DATE

DESCRIPTION

MARK

DESIGNED BY:	CAO
DRAWN BY:	JAG
CHECKED BY:	KU
SUBMITTED BY:	KW
DATE:	OCTOBER 31, 2025
PROJECT #	1250281

SHEET TITLE

GENERAL CIVIL
NOTES,
ABBREVIATIONS
AND LEGEND

SHEET NUMBER

C-002

SHEET 3 OF 17

ORIGINAL SHEET SIZE:
22" X 34"

100% SUBMITTAL - ISSUED FOR CONSTRUCTION

SITE PHOTOGRAPHS



AERIAL IMAGE



IF YOU DIG



Know what's below.
Call before you dig.
Dial 811
Or Call 800-282-7411

UTILITY NOTE

THE UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON LOCATION OF MARKINGS PROVIDED BY:
GROUNDHAWK
355 ONETA STREET – SUITE D200
ATHENS, GEORGIA 30601
(762) 728-9155

GROUNDHAWK UTILIZED SEVERAL TECHNIQUES INCLUDING, BUT NOT LIMITED TO, ELECTROMAGNETIC, MAGNETIC LOCATION FOR FERROUS METALS, ACOUSTIC AND PASSIVE FREQUENCIES TO DESIGNATE AND MARK BURIED UTILITIES ON THE SURFACE WITH PAINT AND FLAGS COVERING THE ENTIRE AREA OF THE PROJECT.

THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. UNDERGROUND UTILITIES NOT OBSERVED OR LOCATED UTILIZING THIS TECHNIQUE MAY EXIST ON THIS SITE BUT NOT BE SHOWN, AND MAY BE FOUND UPON EXCAVATION. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. INFORMATION REGARDING MATERIAL AND SIZE OF UTILITIES IS BASED ON RECORDS ACQUIRED FROM THE UTILITY OWNERS.

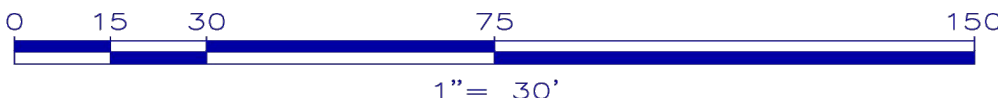
LEGEND

STANDARD ABBREVIATIONS	STANDARD SYMBOLS
AC AIR CONDITIONER	POWER POLE
BH BORE HOLE	GUY WIRE
BSL BUILDING SETBACK LINE	POWER LINE
CI CURB INLET	LIGHT POLE
CMF CORRUGATED METAL PIPE	ELECTRIC TRANSFORMER
CMF CONCRETE MONUMENT FND	WATER VAULT
CO SANITARY CLEANOUT	GAS VALVE
CPED COMMUNICATION PEDESTAL	GAS METER
CTP CRIMPED TOP PIPE	WATER VALVE
DI DROP INLET	WATER METER
DIP DUCTILE IRON PIPE	FIRE HYDRANT
DWCB DOUBLE WING CATCH BASIN	INVERT
FND FOUND	INVERT
GM GAS METER	JUNCTION BOX
INV INVERT	MANHOLE
JB JUNCTION BOX	NAIL FOUND
MH MANHOLE	NAIL SET
NF NAIL FOUND	OUTLET CONTROL STRUCTURE
NS NAIL SET	OPEN TOP PIPE
OCS OUTLET CONTROL STRUCTURE	POWER BOX
OTB OPEN TOP PIPE	POWER METER
PTB POWER BOX	POINT OF BEGINNING
PM POWER METER	POINT OF COMMENCEMENT
POB POINT OF BEGINNING	REINFORCED CONCRETE PIPE
POC POINT OF COMMENCEMENT	RBR IRON REINFORCING BAR
RCP REINFORCED CONCRETE PIPE	RBS 5/8"RBR SET CAPPED LSF 621
RBR IRON REINFORCING BAR	SS SANITARY SEWER
RBS 5/8"RBR SET CAPPED LSF 621	SWCB SINGLE WING CATCH BASIN
SS SANITARY SEWER	TRANS ELECTRIC TRANSFORMER
SWCB SINGLE WING CATCH BASIN	
TRANS ELECTRIC TRANSFORMER	

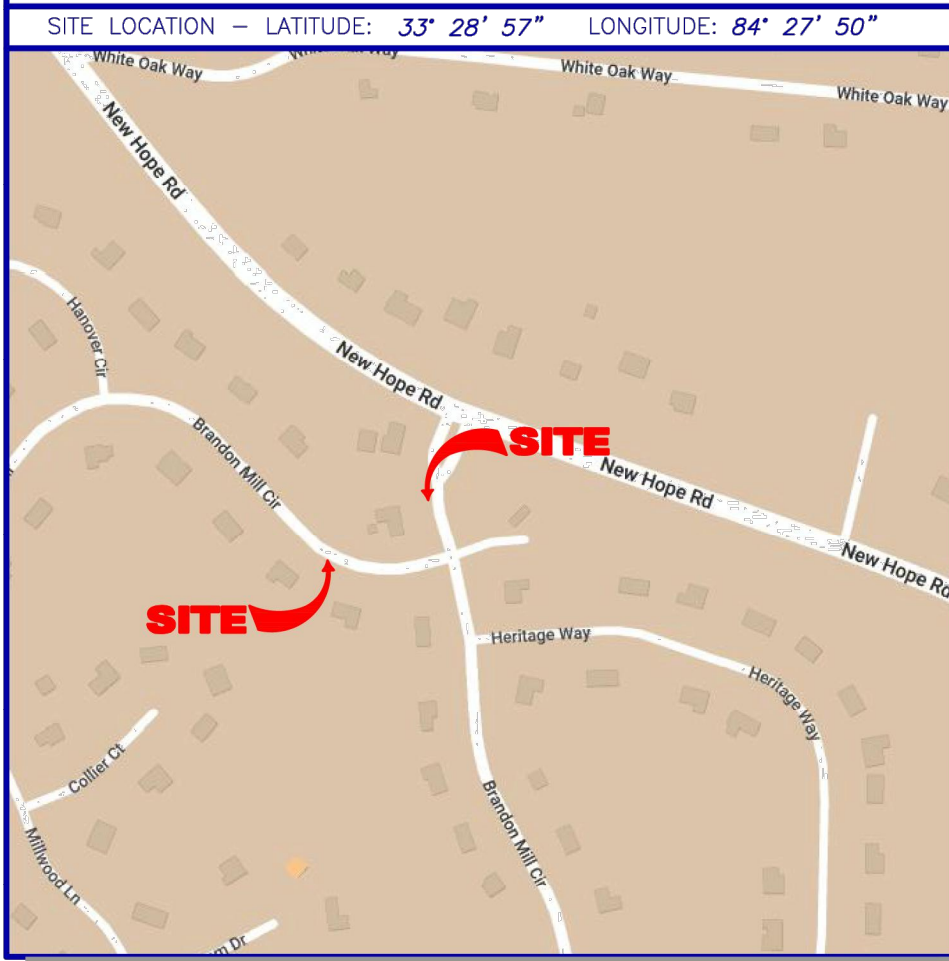
CLOSURE STATEMENT

THE FIELD CLOSURE UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF ONE FOOT IN 72,584, AND WAS NOT ADJUSTED. A TRIMBLE "S" SERIES TOTAL STATION AND TRIMBLE TSC SERIES DATA COLLECTOR WERE USED TO COLLECT THIS FIELD DATA.

GRAPHIC SCALE



VICINITY MAP



GENERAL NOTES

THIS SURVEY HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE PERSON OR ENTITIES NAMED HEREON. NO EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE INFORMATION SHOWN HEREON IS TO BE EXTENDED TO ANY PERSONS OR ENTITIES OTHER THAN THOSE SHOWN HEREON.

REVISIONS LISTED ON THIS SURVEY APPLY ONLY TO THE SPECIFIC CHANGES REFERENCED, AND DO NOT CONSTITUTE AN UPDATE OF OTHER DATA ON THIS SURVEY. THE SURVEY DATE SHOWN HEREON IS THE APPLICABLE DATE AS RELATED TO PROVISIONS OF STATUTES OF LIMITATION UNLESS SPECIFICALLY NOTED OTHERWISE.

THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE INSPECTION REPORT. EASEMENTS OR OTHER ENCUMBRANCES MAY EXIST ON PUBLIC RECORD BUT NOT BE SHOWN HEREON.

THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA BASED ON THE FLOOD INSURANCE RATE MAP FOR THIS AREA. THE MAP NUMBER FOR THIS AREA IS 1311300102E, AND THE DATE OF SAID MAP IS SEPTEMBER 26, 2008. THIS DETERMINATION WAS MADE BY GRAPHICALLY DETERMINING THE POSITION OF THIS SITE ON SAID FIRM MAPS UNLESS OTHERWISE NOTED.

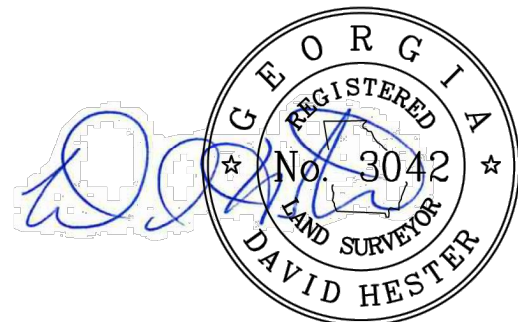
PLEASE NOTE: TREES 6-INCH DBH (DIAMETER AT BREAST HEIGHT) AND LARGER WERE LOCATED FOR THIS SURVEY.

THE DATUM FOR THIS SITE WAS ESTABLISHED UTILIZING GLOBAL POSITIONING SYSTEMS, AND BASED ON POSITIONAL VALUES FOR THE VIRTUAL REFERENCE STATION NETWORK DEVELOPED BY eGPS SOLUTIONS. THE HORIZONTAL REFERENCE FRAME IS NORTH AMERICAN DATUM OF 1983(2011)-STATE PLANE COORDINATE SYSTEM OF GEORGIA-WEST ZONE. THE VERTICAL REFERENCE FRAME IS NORTH AMERICAN VERTICAL DATUM OF 1988. ANY DIRECTIONS OR DIMENSIONS SHOWN ARE A RECTANGULAR, GROUND LEVEL PROJECTION OF THE STATE PLANE COORDINATE SYSTEM.

NO ZONING REPORT OR ZONING LETTER WAS PROVIDED TO THE SURVEYOR. ZONING AND SETBACKS SHOULD BE CONFIRMED AND VERIFIED BY PLANNING AND ZONING PRIOR TO DESIGN OR CONSTRUCTION ACTIVITIES.

PLEASE NOTE: PROPERTY LINE INFORMATION IS SHOWN AS APPROXIMATE BASED ON SURVEY REFERENCES SHOWN HEREON. NO BOUNDARY SURVEY WAS PERFORMED BY GEOSURVEY, LTD.

SURVEY REFERENCES
1. UNIT THREE BRANDON MILL, PREPARED BY R.M. BOYD & ASSOCIATES, DATED MAY 21, 1984, RECORDED IN PLAT BOOK 15, PAGE 4.
2. REVISED FINAL PLAT UNIT ONE BRANDON MILL, PREPARED BY STEED & BOYD LAND SURVEYORS, DATED SEPTEMBER 10, 1983, RECORDED IN PLAT BOOK 20, PAGE 189.



GeoSurvey

Professional Land Surveying Services

1660 Barnes Mill Road
Marietta, Georgia 30062
Phone: (770) 795-9900
Fax: (770) 795-8880

www.geosurvey.com
EMAIL: info@geosurvey.com
Certificate of Authorization #LSF-000621

TOPOGRAPHIC SURVEY OF

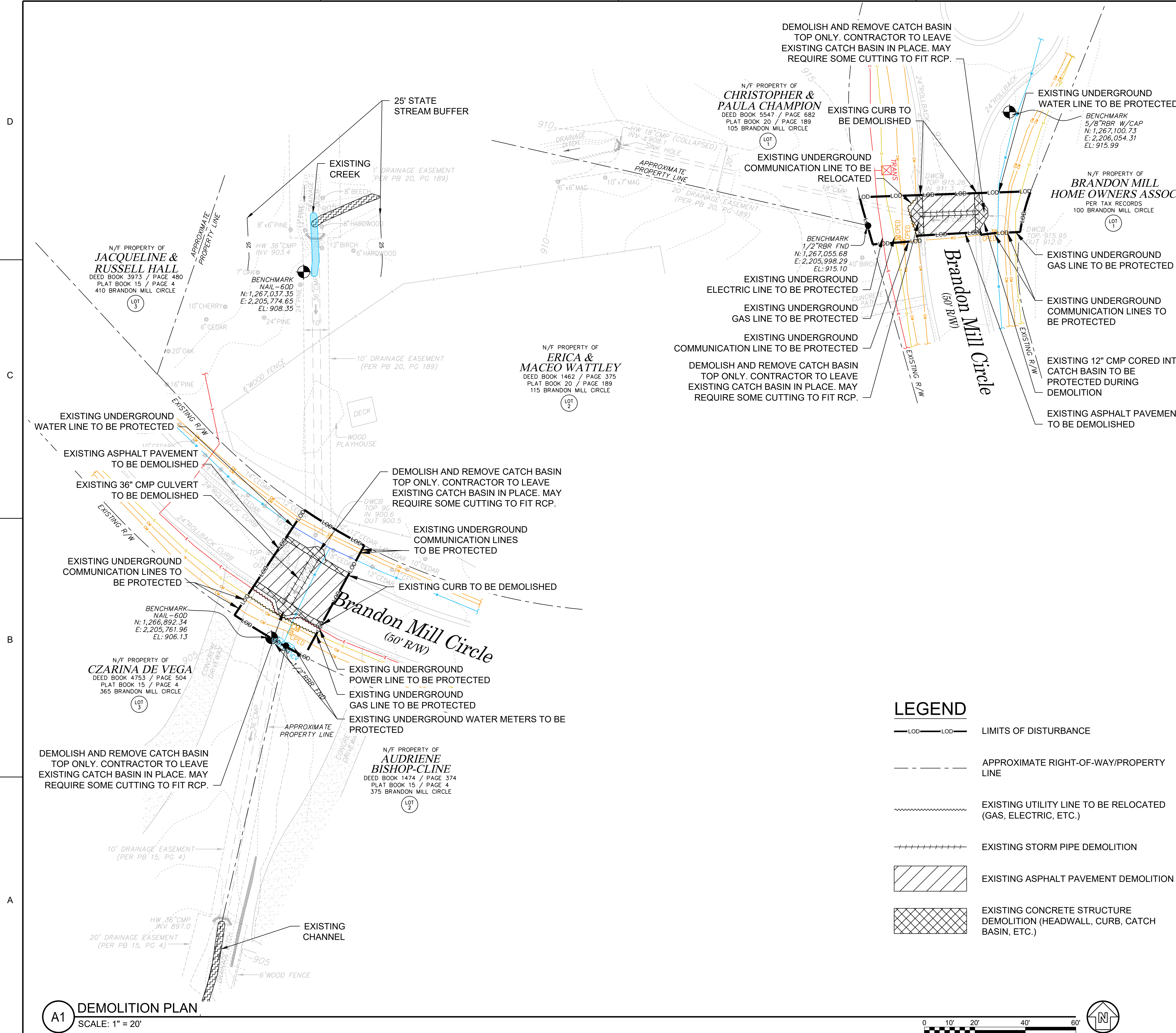
Brandon Mill Circle Storm System

FOR

FAYETTE COUNTY

GS JOB NO:	20247972	DRAWING SCALE:	1"= 30'	SURVEY DATE:	7-26-2024
FIELD WORK:	ZM	CITY:	FAYETTEVILLE	REVISIONS (SEE GENERAL NOTES)	
PROJ MGR:	CWC	COUNTY:	FAYETTE	STATE:	GA
REVIEWED:	DLH	LAND LOT:	188		
DWG FILE:	20247972-1.dwg	DISTRICT:	5TH		

FILE PATH: X:\FY25\1250281\07 CAD-BIM\07.02 CAD\CIVIL\CD101 PLOTTED BY: HENAO, CESAR DATE: 10/31/2025



GENERAL SHEET NOTES

- REFER TO SHEETS C-001 AND C-002 FOR LEGENDS, ABBREVIATIONS, AND CIVIL NOTES.
- THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
- ALL CONCRETE FORMWORK AND REINFORCING BARS TO BE INSPECTED BY THE FIELD REPRESENTATIVE IN CONJUNCTION WITH THE CONTRACTORS REPRESENTATIVE BEFORE CONCRETE IS PLACED.
- AS-BUILT DRAWINGS SHALL CONTAIN ALL RELEVANT ELEVATIONS AND INVERTS. (SHALL BE CERTIFIED BY A GEORGIA REGISTERED LAND SURVEYOR)
- CONTRACTOR TO ESTABLISH TEMPORARY SUPPORT FOR EXISTING UTILITIES AND MAINTAIN IT THROUGHOUT CONSTRUCTION.
- CONTRACTOR TO MAINTAIN UTILITY SERVICES DURING CONSTRUCTION, WITH MINIMAL INTERRUPTION.
- CONTRACTOR TO BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGED CURB, DRIVEWAYS, ASPHALT, FENCING OR EXISTING ROADWAY OUTSIDE OF PAVING LIMITS DURING CONSTRUCTION.
- ANY DAMAGED ASPHALT OUTSIDE OF THE RESURFACE OR PAVING LIMITS SHOWN ON PLANS WILL REQUIRE TO BE MILLED AND RESURFACED.
- CONTRACTOR SHALL COORDINATE WITH UTILITY OWNERS TO PROTECT OR RELOCATE THE EXISTING INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO GAS, COMMUNICATIONS, POWER, AND WATER.
- EXISTING CONDITIONS AS SHOWN ARE BASED ON SURVEY PROVIDED IN GENERAL NOTES #12 FROM SHEET C-002. EXISTING CONDITIONS SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE CONFIRMED BY CONTRACTOR PRIOR TO WORK.
- THE LIMITS OF DISTURBANCE MUST BE CLEARED IN ENTIRETY.
- FAYETTE COUNTY TO COORDINATE AND OBTAIN REQUIRED EASEMENTS.

DEMOLITION NOTES

- PROTECTION:**
- PERFORM DEMOLITION SO AS TO PREVENT DAMAGE TO ADJACENT IMPROVEMENTS AND FACILITIES TO REMAIN TO INCLUDE AREAS OUTSIDE OF APPROVED LIMITS OF DISTURBANCE
 - PROTECT NEW OR EXISTING WORK FROM DAMAGE DURING DEMOLITION OPERATIONS.
 - PROTECT EXISTING SITE APPURTENANCES AND LANDSCAPING TO REMAIN.
 - DAMAGES: WITHOUT COST TO THE OWNER AND WITHOUT DELAY, REPAIR ANY DAMAGES CAUSED TO FACILITIES TO REMAIN. CONTRACTOR TO BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGED ROADWAY/ASPHALT DURING PROJECT CONSTRUCTION.
 - CONTRACTOR TO ESTABLISH TEMPORARY BENCHMARKS ON SITE AT LOCATIONS THAT WILL REMAIN UNDISTURBED THROUGHOUT CONSTRUCTION.
 - CONTRACTOR TO COORDINATE WITH THE COUNTY AND UTILITY COMPANIES ON THE RELOCATION OF UTILITIES.
 - CONTRACTOR TO MAINTAIN ACCESS TO AFFECTED PROPERTIES AT ALL TIMES.
- REMOVAL & DISPOSAL OF DEMOLISHED MATERIALS:**
- ALL DEMOLISHED OR REMOVED ITEMS AND MATERIALS SHALL BE CONSIDERED SCRAP EXCEPT FOR THOSE INDICATED TO REMAIN, THOSE INDICATED TO BE REINSTALLED, THOSE INDICATED TO BE SALVAGED, AND HISTORICAL ITEMS.
 - ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
 - PROMPTLY DISPOSE OF MATERIALS RESULTING FROM DEMOLITION OPERATIONS. DO NOT ALLOW MATERIALS TO ACCUMULATED ON SITE.
 - TRANSPORT MATERIALS RESULTING FROM DEMOLITION OPERATIONS AND LEGALLY DISPOSE OF OFF-SITE.
 - OFF-SITE DISPOSAL LOCATION SHALL NOT BE WITHIN ONE-HALF MILE OF ANY PORTION OF THE PROJECT SITE OR WITHIN SIGHT OF THE PROJECT SITE.
 - DO NOT BURN REMOVED MATERIALS ON PROJECT SITE.
 - CONTRACTOR TO COORDINATE THE LOCATION OF ANY MATERIAL LAYDOWN AREAS WITH THE COUNTY AND MAINTAIN ENOUGH CLEAR SPACE FOR CONSTRUCTION EQUIPMENT ACCESS.
 - ONSITE EXCAVATED MATERIAL MAY NOT BE SUITABLE FOR RE-USE. CONTRACTOR PRICING SHALL INCLUDE ALL MATERIALS INCLUDING IMPORTED FILL, AS NECESSARY.
- POLLUTION CONTROLS:**
- CONTROL THE SPREAD OF DUST AND DIRT WITH PRACTICAL MEANS.
 - OBSERVE ENVIRONMENTAL PROTECTION REGULATIONS.
 - DO NOT ALLOW WATER USAGE THAT RESULTS IN FREEZING OR FLOODING.
 - DO NOT ALLOW ADJACENT IMPROVEMENTS TO REMAIN TO BECOME SOILED BY DEMOLITION OPERATIONS.
- CLEANING:**
- REMOVE TOOLS AND EQUIPMENT. DISPOSE OF SCRAP.
 - LEAVE EXTERIOR AREAS FREE OF DEBRIS.
 - CLEAN SOIL, SMUDGES, AND DUST FROM SURFACES TO REMAIN.
 - RETURN STRUCTURES AND SURFACES TO REMAIN TO CONDITION EXISTING PRIOR TO COMMENCEMENT OF DEMOLITION.

POND
3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092
Copyright © 2025 by Pond & Company. All rights reserved. No copying or duplication of these documents is allowed without the expressed written agreement of Pond & Company.

EOR/AOR SEAL

CLIENT INFORMATION

FAYETTE COUNTY
140 STONEWALL AVE W, STE 203
FAYETTEVILLE, GA. 30214

PROJECT NAME
**115 BRANDON MILL CIRCLE
CULVERT
REPLACEMENT**
FAYETTE COUNTY, GA

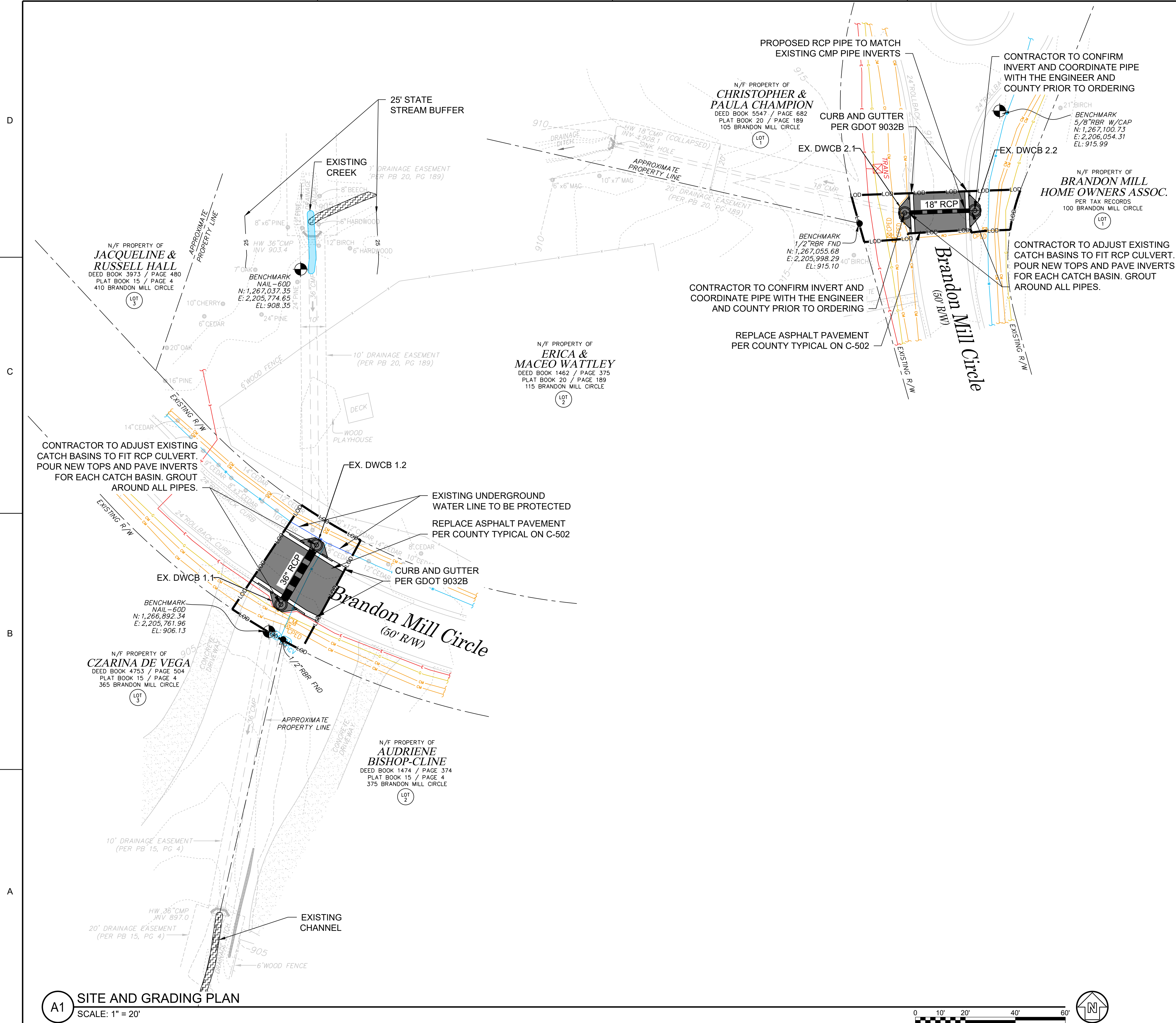
DRAWING ISSUE	DATE	DESCRIPTION	MARK

DESIGNED BY:	CAO
DRAWN BY:	JAG
CHECKED BY:	KU
SUBMITTED BY:	KW
DATE:	OCTOBER 31, 2025
PROJECT #	1250281

SHEET TITLE
**DEMOLITION
PLAN**

SHEET NUMBER
CD101
SHEET 5 OF 17
ORIGINAL SHEET SIZE:
22" X 34"

FILE PATH: X:\FY25\1250281\07 CAD-BIM\07.02 CAD\CIVIL\CG101 PLOTTED BY: HENAO, CESAR DATE: 10/31/2025



GENERAL SHEET NOTES

1. REFER TO SHEETS C-001 AND C-002 FOR LEGENDS, ABBREVIATIONS, AND CIVIL NOTES.
2. THIS SHEET IS PART OF A MULTI-SHEET SET OF CONSTRUCTION PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
3. ALL CONCRETE FORMWORK AND REINFORCING BARS TO BE INSPECTED BY ENGINEER'S OR OWNER'S FIELD REPRESENTATIVE IN CONJUNCTION WITH THE CONTRACTOR'S REPRESENTATIVE BEFORE CONCRETE IS PLACED.
4. AS-BUILT DRAWINGS SHALL CONTAIN ALL RELEVANT ELEVATIONS AND INVERTS. (ALL AS-BUILT DRAWINGS MUST BE CERTIFIED BY A GEORGIA REGISTERED LAND SURVEYOR).
5. CONTRACTOR TO ESTABLISH TEMPORARY SUPPORT FOR EXISTING UTILITIES AND MAINTAIN IT THROUGHOUT CONSTRUCTION.
6. CONTRACTOR TO BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGED CURB, FENCE, OR DRIVEWAYS DURING CONSTRUCTION.
7. CONTRACTOR TO BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGED ROADWAY/ASPHALT DURING PROJECT CONSTRUCTION, AS WELL AS REPLACEMENT AND RELOCATION OF MAILBOXES.

GRADING NOTES

1. CONTRACTOR TO MATCH EXISTING ROAD GRADE AND DRAINAGE PATTERN. REFER TO DETAIL B1/C-502.
2. MAXIMUM SLOPES ALLOWED WITHIN FAYETTE COUNTY RIGHT-OF-WAY SHALL BE 3:1. PROVIDE GENTLER SLOPES WHERE POSSIBLE.

LEGEND

- LOD — LOD — LIMITS OF DISTURBANCE
- - - - - APPROXIMATE RIGHT-OF-WAY/PROPERTY LINE
- 25' — 25' STATE BUFFER
- ASPHALT PAVEMENT
- EXISTING CREEK
- EXISTING CHANNEL



3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092
Copyright © 2025 by Pond & Company. All rights reserved. No copying or duplication of these documents is allowed without the expressed written agreement of Pond & Company.



FAYETTE COUNTY
140 STONEWALL AVE W, STE 203
FAYETTEVILLE, GA. 30214

PROJECT NAME
**115 BRANDON
MILL CIRCLE
CULVERT
REPLACEMENT**
FAYETTE COUNTY, GA

DRAWING ISSUE		DATE	DESCRIPTION	MARK
DESIGNED BY:	CAO			
DRAWN BY:	JAG			
CHECKED BY:	KU			
SUBMITTED BY:	KW			
DATE:	OCTOBER 31, 2025			
PROJECT #	1250281			

SHEET TITLE
**SITE AND
GRADING PLAN**

SHEET NUMBER
CG101
SHEET 6 OF 17
ORIGINAL SHEET SIZE:
22" X 34"

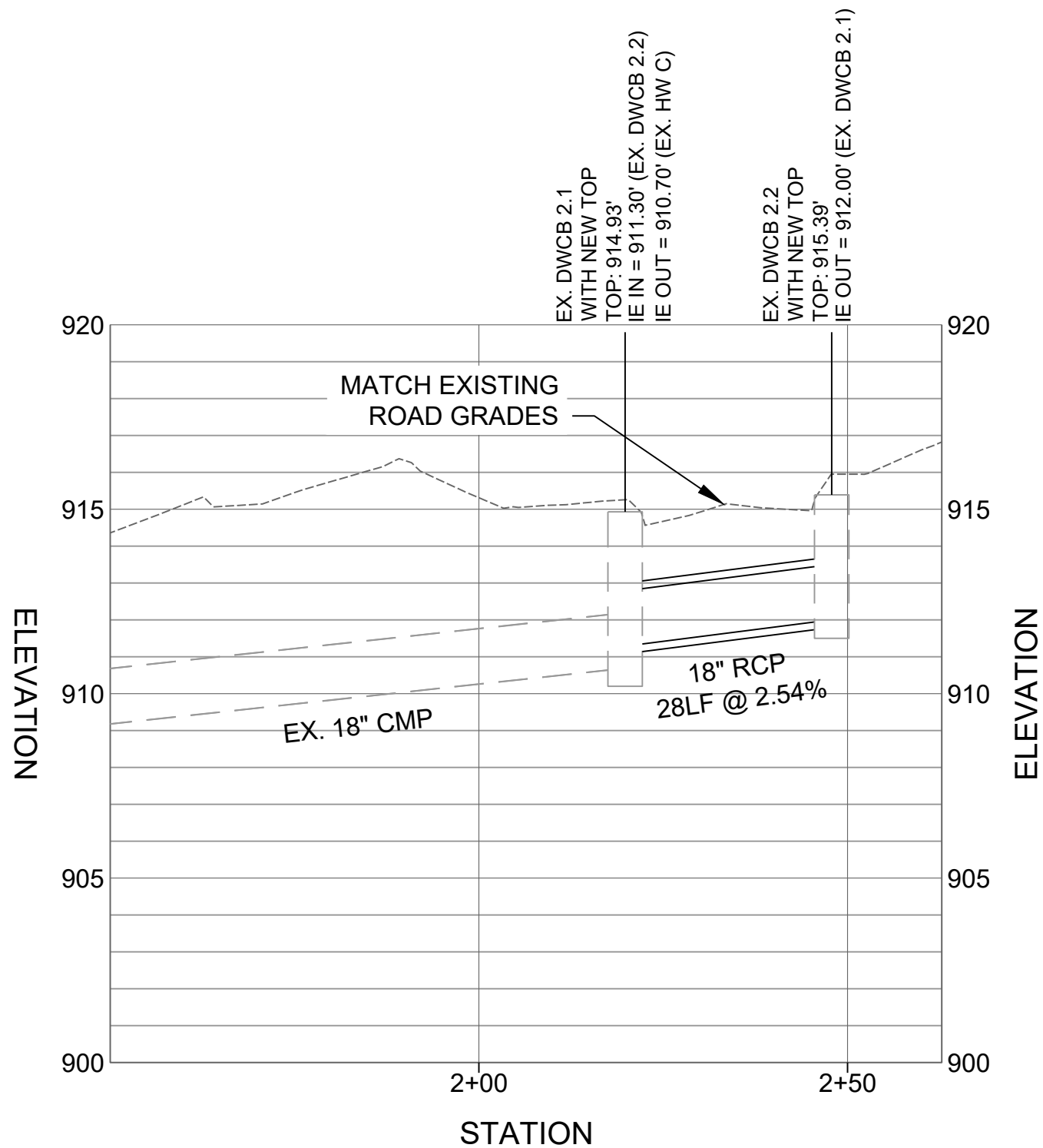
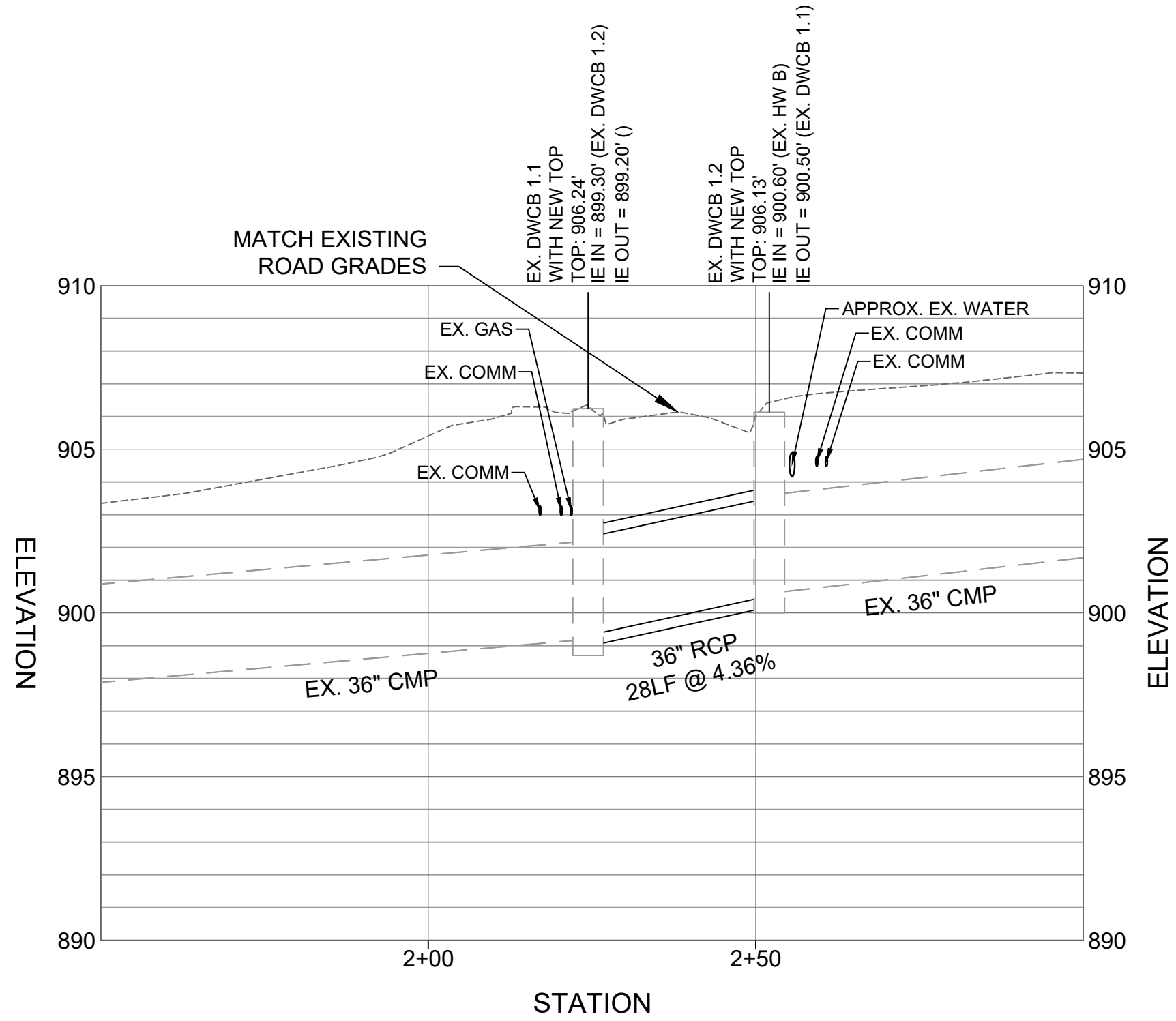
FILE PATH: X:\FY25\1250281\07 CAD\BIM\07.02 CAD\CIVIL\CG101 PLOTTED BY: HENAO, CESAR DATE: 10/31/2025

D

C

B

A



FLOW SUMMARY TABLE				
STORM FREQUENCY	FLOW (CFS)	HGL DOWN (FT)	HGL UP (FT)	OUTLET VELOCITY (FPS)
10-YEAR	41.67	901.1	908.3	5.9
25-YEAR	46.66	901.1	908.32	6.6
100-YEAR	53.40	901.1	908.34	7.55
DRAINAGE AREA = 19.76 ACRES				
AVERAGE STREAM SLOPE= 5%				

POND

3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092

Copyright © 2025 by Pond & Company. All rights reserved. No copying or duplication of these documents is allowed without the expressed written agreement of Pond & Company.

EOR/AOR SEAL

CODY ALAN OWENBY
ENGINEER
GSWCC# 95439,
EXP. 9/10/2027

CLIENT INFORMATION

FAYETTE COUNTY
140 STONEWALL AVE W, STE 203
FAYETTEVILLE, GA. 30214

PROJECT NAME
**115 BRANDON
MILL CIRCLE
CULVERT
REPLACEMENT**
FAYETTE COUNTY, GA

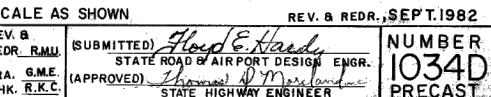
DRAWING ISSUE	
DATE	DESCRIPTION
MARK	

DESIGNED BY: CAO
DRAWN BY: JAG
CHECKED BY: KU
SUBMITTED BY: KW
DATE: OCTOBER 31, 2025
PROJECT # 1250281

SHEET TITLE
**STORM
PROFILES**

SHEET NUMBER
CG201
SHEET 7 OF 17
ORIGINAL SHEET SIZE:
22" X 34"

A1 STORM PROFILES



A

B

D

C

TABLE NO. 1R - ROUN PIPE - CONCRETE - CORRUGATED STEEL - CORRUGATED ALUMINUM											
PIPE DIAMETER (INCHES)	TYPE	MINIMUM COVER (INCHES)									
		1-10	10-15	15-20	20-25	25-30	30-35	35-40	40-50	50-60	60-70
12	CONCRETE										
15	CONCRETE										
18	CONCRETE										
24	CONCRETE										
30	CONCRETE										
36	CONCRETE										
42	CONCRETE										
48	CONCRETE										
54	CONCRETE										
60	CONCRETE										
66	CONCRETE										
72	CONCRETE										
78	CONCRETE										
84	CONCRETE										
90	CONCRETE										
96	CONCRETE										
102	CONCRETE										
108	CONCRETE										
114	CONCRETE										
120	CONCRETE										

TABLE NO. 1R - ROUN PIPE - CONCRETE - CORRUGATED STEEL - CORRUGATED ALUMINUM											
PIPE DIAMETER (INCHES)	TYPE	MINIMUM COVER (INCHES)									
		1-10	10-15	15-20	20-25	25-30	30-35	35-40	40-50	50-60	60-70
12	STEEL										
15	STEEL										
18	STEEL										
24	STEEL										
30	STEEL										
36	STEEL										
42	STEEL										
48	STEEL										
54	STEEL										
60	STEEL										
66	STEEL										
72	STEEL										
78	STEEL										
84	STEEL										
90	STEEL										
96	STEEL										
102	STEEL										
108	STEEL										
114	STEEL										
120	STEEL										

R DENOTES SPIRAL RIB PROFILE 3/4" X 3/4" X 7/16"

TABLE VALUES FOR ALUMINUM SPIRAL RIB PIPE ARE COMPUTED BASED UPON ALCLAD ALLOY 3004-H14 HAVING MINIMUM YIELD STRENGTH, $f_y=24,000$ PSI. IF ALL MINIMUM COVER VALUES SHALL BE INCREASED BY 15 PERCENT. (EXAMPLE: 12 IN. BECOMES 13.8 IN.)

B. ALL HEIGHT OF FILL VALUES SHALL BE DECREASED BY 15 PERCENT. (EXAMPLE: 35-40 FT. BECOMES 29.7-34.0 FT.)

TABLE NO. 2 - CORRUGATED STEEL - CORRUGATED ALUMINUM											
PIPE DIAMETER (INCHES)	TYPE	MINIMUM COVER (INCHES)									
		1-10	10-15	15-20	20-25	25-30	30-35	35-40	40-50	50-60	60-70
12	STEEL										
15	STEEL										
18	STEEL										
24	STEEL										
30	STEEL										
36	STEEL										
42	STEEL										
48	STEEL										
54	STEEL										
60	STEEL										
66	STEEL										
72	STEEL										
78	STEEL										
84	STEEL										
90	STEEL										
96	STEEL										
102	STEEL										
108	STEEL										
114	STEEL										
120	STEEL										

MINIMUM COVER VALUES APPLY TO HS-20 LIVE LOAD. MINIMUM COVER NEEDED FOR CONSTRUCTION VEHICLES MAY BE GREATER AND IS THE RESPONSIBILITY OF THE CONTRACTOR.

TRENCH CONSTRUCTION IS REQUIRED FOR ALL INSTALLATIONS.

1

2

3

4

5

NORMAL BACKFILL

BACKFILL AS SHOWN BY THE SHOWN LINE SECTION, SHALL CONSIST OF PLACING CONCRETE, TO BE PLACED IN LAYERS AND COMPACTED EACH LAYER TO THE FULL LENGTH MEASUREMENT AND PAYMENT WILL BE MADE UNDER EXISTING ELEVATION FROM THE FOUNDATION TO THE EXISTING ELEVATION.

NORMAL CONSTRUCTION SHALL BE PLACED A MINIMUM OF 6" OF RICE ON EACH SIDE OF THE PIPE AND AT LEAST THE MIN. COVER OVER THE PIPE SHALL BE OBTAINED AS SHOWN IN THE DETAIL. THE MIN. COVER SHALL BE OBTAINED AS SHOWN IN THE DETAIL.

NOTE: FOR MULTIPLE LINES OF PIPE WITH METAL FLARED END SECTIONS, THE MIN. COVER SHALL BE OBTAINED AS SHOWN IN THE DETAIL. THE MIN. COVER SHALL BE OBTAINED AS SHOWN IN THE DETAIL.

LONGITUDINAL SECTION OF IMPERFECT TRENCH BACKFILL AND BACKFILL METHODS

IMPERFECT BACKFILL

IMPERFECT BACKFILL SHALL BE USED WITH CONCRETE PIPE IF THE PIPE IS NOT FULLY COVERED BY THE BACKFILL. THE MIN. COVER SHALL BE OBTAINED AS SHOWN IN THE DETAIL. THE MIN. COVER SHALL BE OBTAINED AS SHOWN IN THE DETAIL.

NOTE: FOR MULTIPLE LINES OF PIPE WITH METAL FLARED END SECTIONS, THE MIN. COVER SHALL BE OBTAINED AS SHOWN IN THE DETAIL. THE MIN. COVER SHALL BE OBTAINED AS SHOWN IN THE DETAIL.

CROSS SECTIONS OF IMPERFECT TRENCH BACKFILL

DETAIL "A"

DETAIL "B"

DETAIL SHOWING MINIMUM COVER FOR PIPE CULVERTS

TRENCH CONSTRUCTION FOR SIDE DRAIN

NOTE: THE PIPE SHALL BE SLOPED TO THE SIDE DRAIN. THE MIN. COVER SHALL BE OBTAINED AS SHOWN IN THE DETAIL. THE MIN. COVER SHALL BE OBTAINED AS SHOWN IN THE DETAIL.

TRENCH CONSTRUCTION FOR STORM DRAIN

NOTE: THE PIPE SHALL BE SLOPED TO THE STORM DRAIN. THE MIN. COVER SHALL BE OBTAINED AS SHOWN IN THE DETAIL. THE MIN. COVER SHALL BE OBTAINED AS SHOWN IN THE DETAIL.

STATE: CA PROJECT NUMBER: SHEET TOTAL: 1030D

TABLE NO. 1 ROUND PIPE - CONCRETE - CORRUGATED STEEL - CORRUGATED ALUMINUM											
PIPE DIAMETER (INCHES)	TYPE	MINIMUM COVER (INCHES)									
		1-10	10-15	15-20	20-25	25-30	30-35	35-40	40-50	50-60	60-70
12	STEEL										
15	STEEL										
18	STEEL										
24	STEEL										
30	STEEL										
36	STEEL										
42	STEEL										
48	STEEL										
54	STEEL										
60	STEEL										
66	STEEL										
72	STEEL										
78	STEEL										
84	STEEL										
90	STEEL										
96	STEEL										
102	STEEL										
108	STEEL										
114	STEEL										
120	STEEL										

STATE: CA PROJECT NUMBER: SHEET TOTAL: 1030D

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

STANDARD

CONCRETE & METAL PIPE CULVERTS

SHEET 1 OF 3

(TRENCH CONSTRUCTION, BEDDING, BACKFILLING)

NO SCALE

DESIGNED: JAG

CHECKED: KU

APPROVED: KW

DATE: OCTOBER 31, 2025

PROJECT #: 1250281

TABLE NO. 2 CORRUGATED STEEL - CORRUGATED ALUMINUM

MINIMUM COVER VALUES (INCHES)

PIPE DIAMETER (INCHES)

TYPE

MINIMUM COVER (INCHES)

1-10

10-15

15-20

20-25

25-30

30-35

35-40

40-50

50-60

60-70

70-80

80-90

90-100

100-110

110-120

120-130

130-140

140-150

150-160

160-170

170-180

180-190

190-200

200-210

210-220

220-230

230-240

240-250

250-260

260-270

270-280

280-290

290-300

300-310

310-320

320-330

330-340

340-350

350-360

360-370

370-380

380-390

390-400

400-410

410-420

420-430

430-440

440-450

450-460

460-470

470-480

480-490

490-500

500-510

510-520

520-530

530-540

540-550

550-560

560-570

570-580

580-590

590-600

600-610

610-620

620-630

630-640

640-650

650-660

660-670

670-680

680-690

690-700

700-710

710-720

720-730

730-740

740-750

750-760

760-770

770-780

780-790

790-800

800-810

810-820

820-830

830-840

840-850

850-860

860-870

870-880

880-890

890-900

900-910

910-920

920-930

930-940

940-950

950-960

960-970

970-980

980-990

990-1000

1000-1010

1010-1020

1020-1030

1030-1040

1040-1050

1050-1060

1060-1070

1070-1080

1080-1090

1090-1100

1100-1110

1110-1120

1120-1130

1130-1140

1140-1150

1150-1160

1160-1170

1170-1180

1180-1190

1190-1200

1200-1210

1210-1220

1220-1230

1230-1240

1240-1250

1250-1260

1260-1270

1270-1280

1280-1290

1290-1300

1300-1310

1310-1320

1320-1330

1330-1340

1340-1350

1350-1360

1360-1370

1370-1380

1380-1390

1390-1400

1400-1410

1410-1420

1420-1430

1430-1440

1440-1450

1450-1460

1460-1470

1470-1480

1480-1490

1490-1500

1500-1510

1510-1520

1520-1530

1530-1540

1540-1550

1550-1560

1560-1570

1570-1580

1580-1590

1590-1600

1600-1610

1610-1620

1620-1630

1630-1640

1640-1650

1650-1660

1660-1670

1670-1680

1680-1690

1690-1700

1700-1710

1710-1720

1720-1730

1730-1740

1740-1750

1750-1760

1760-1770

1770-1780

1780-1790

1790-1800

1800-1810

1810-1820

1820-1830

1830-1840

1840-1850

1850-1860

1860-1870

1870-1880

1880-1890

1890-1900

1900-1910

1910-1920

1920-1930

1930-1940

1940-1950

1950-1960

1960-1970

1970-1980

1980-1990

1990-2000

2000-2010

2010-2020

2020-2030

2030-2040

2040-2050

2050-2060

2060-2070

2070-2080

2080-2090

2090-2100

2100-2110

2110-2120

2120-2130

2130-2140

2140-2150

2150-2160

2160-2170

2170-2180

2180-2190

2190-2200

2200-2210

2210-2220

2220-2230

2230-2240

2240-2250

2250-2260

2260-2270

2270-2280

2280-2290

2290-2300

2300-2310

2310-2320

2320-2330

2330-2340

2340-2350

2350-2360

2360-2370

2370-2380

2380-2390

2390-2400

2400-2410

2410-2420

2420-2430

2430-2440

2440-2450

2450-2460

2460-2470

2470-2480

2480-2490

2490-2500

2500-2510

2510-2520

2520-2530

2530-2540

2540-2550

2550-2560

2560-2570

2570-2580

2580-2590

2590-2600

2600-2610

2610-2620

2620-2630

2630-2640

2640-2650

2650-2660

2660-2670

2670-2680

2680-2690

2690-2700

2700-2710

2710-2720

2720-2730

2730-2740

2740-2750

2750-2760

2760-2770

2770-2780

2780-2790

2790-2800

2800-2810

2810-2820

2820-2830

2830-2840

2840-2850

2850-2860

2860-2870

2870-2880

2880-2890

2890-2900

2900-2910

2910-2920

2920-2930

2930-2940

2940-2950

2950-2960

2960-2970

2970-2980

2980-2990

2990-3000

3000-3010

3010-3020

3020-3030

3030-3040

3040-3050

3050-3060

3060-3070

3070-3080

3080-3090

3090-3100

3100-3110

3110-3120

3120-3130

3130-3140

3140-3150

3150-3160

3160-3170

3170-3180

3180-3190

3190-3200

3200-3210

3210-3220

3220-3230

3230-3240

3240-3250

3250-3260

3260-3270

3270-3280

3280-3290

FILE PATH: X:\FY25\1250281\07 CAD-BIM\07.02 CAD\CIVIL\CE001 PLOTTED BY: HENAO, CESAR DATE: 10/31/2025

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.

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.

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.

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

ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED WITH FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.

SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME.

DESIGN PROFESSIONAL'S CERTIFICATION:

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 SUPERVISION.

Cody A. Owenby, PE

CODY OWENBY, P.E.
GSWCC LEVEL II CERTIFICATION # 0000095439
EXPIRES: 09/10/2027

10/31/2025
DATE

EROSION, SEDIMENTATION, AND POLLUTION
CONTROL PLAN GENERAL NOTES

(IN CONFORMANCE WITH STATE OF GEORGIA GENERAL NPDES
PERMIT NO. GAR 100002)

GENERAL PROJECT DATA

OWNER/
PRIMARY
PERMITEE: FAYETTE COUNTY ENVIRONMENTAL MANAGEMENT
PHIL MALLON
140 STONEWALL AVE. W.,
SUITE 203, FAYETTEVILLE, GA. 30214
PHONE (770) 305-5410
PUBLICWORKS@FAYETTECOUNTYGA.GOV

ENGINEER: POND & COMPANY
3500 PARKWAY LANE, SUITE 500
PEACHTREE CORNERS, GEORGIA 30092
PHONE: (678) 336-7740
FAX: (678) 336-7744

CONTACT: CODY OWENBY, PE
GA. P.E. # 047343, E&S LEVEL II CERTIFICATION # 0000095439

CONTRACTOR: TO BE DETERMINED

24-HOUR EROSION AND SEDIMENT CONTROL CONTACT: PHIL MALLON - 770-313-9855

TOTAL SITE AREA: 0.06 ACRES
DISTURBED AREA: 0.06 ACRES
TOTAL IMPERVIOUS AREA: 0.02 ACRES

EXISTING LAND USE: THE EXISTING LAND USE CONSISTS OF AN 18-INCH AND 36-INCH
DIAMETER CMP CULVERT AND A PAVED ROAD IN A RESIDENTIAL
AREA.

PROPOSED
CONSTRUCTION
ACTIVITIES THE PROJECT CONSISTS OF REMOVING THE EXISTING
DETERIORATED 18-INCH AND 36-INCH DIAMETER CMP
CULVERTS. THE CULVERTS ARE TO BE WITH 18-INCH AND
36-INCH RCP CULVERTS.

GPS COORDINATES OF CONSTRUCTION ENTRANCE: N33.48297°, W84.46366° & N33.48256°, W84.46451°
NAME OF RECEIVING WATERS: UNNAMED TRIBUTARY TO GINGER CAKE CREEK

STATE AND FEDERAL WATERS EXIST ON OR WITHIN 200' OF THE PROJECT SITE.

NO KNOWN WETLANDS EXIST ON OR WITHIN 200' OF THE PROJECT SITE.

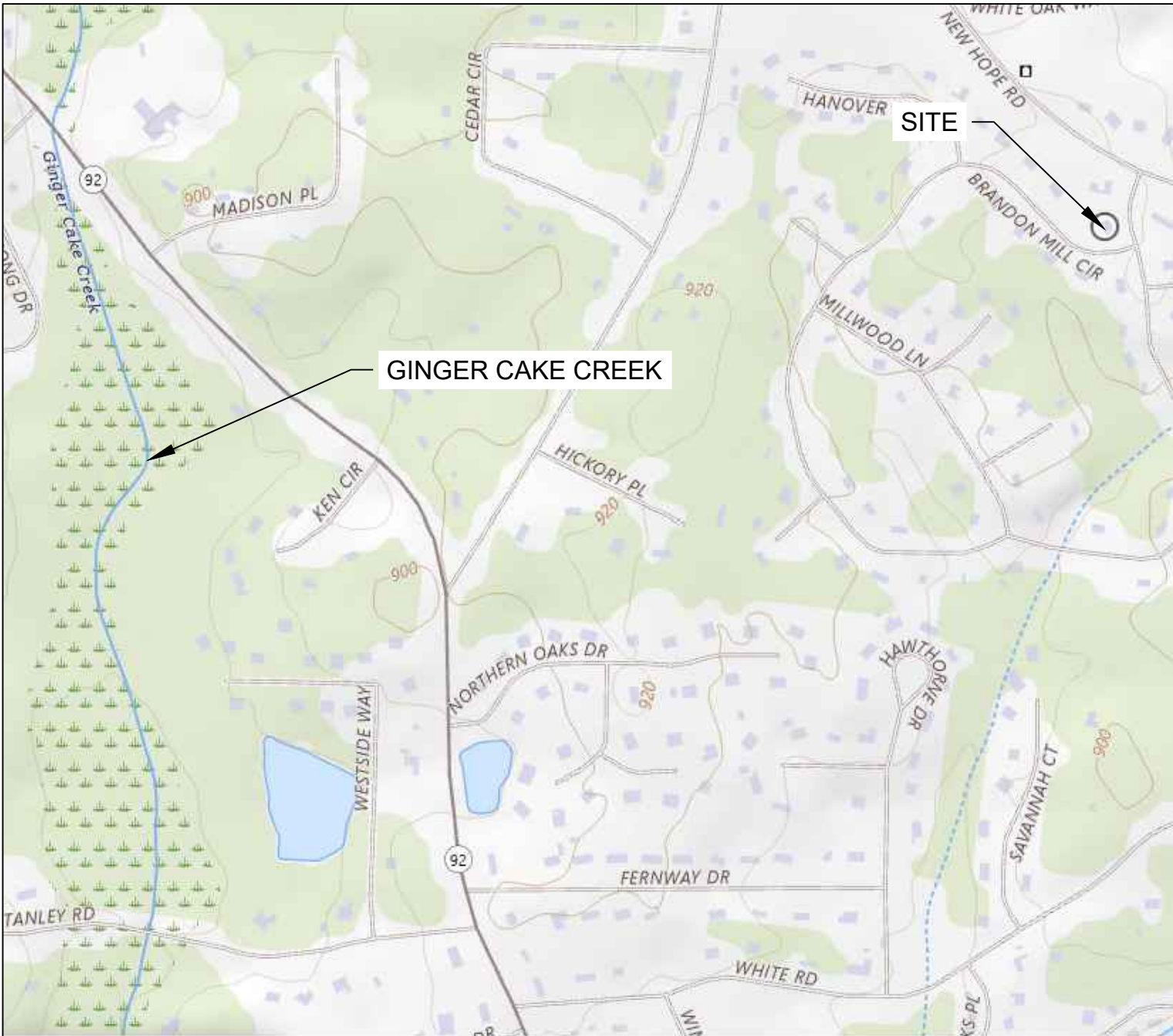
THERE ARE NO IMPAIRED STREAMS WITHIN ONE MILE DOWNSTREAM OF THIS PROJECT.

National Flood Hazard Layer FIRMette

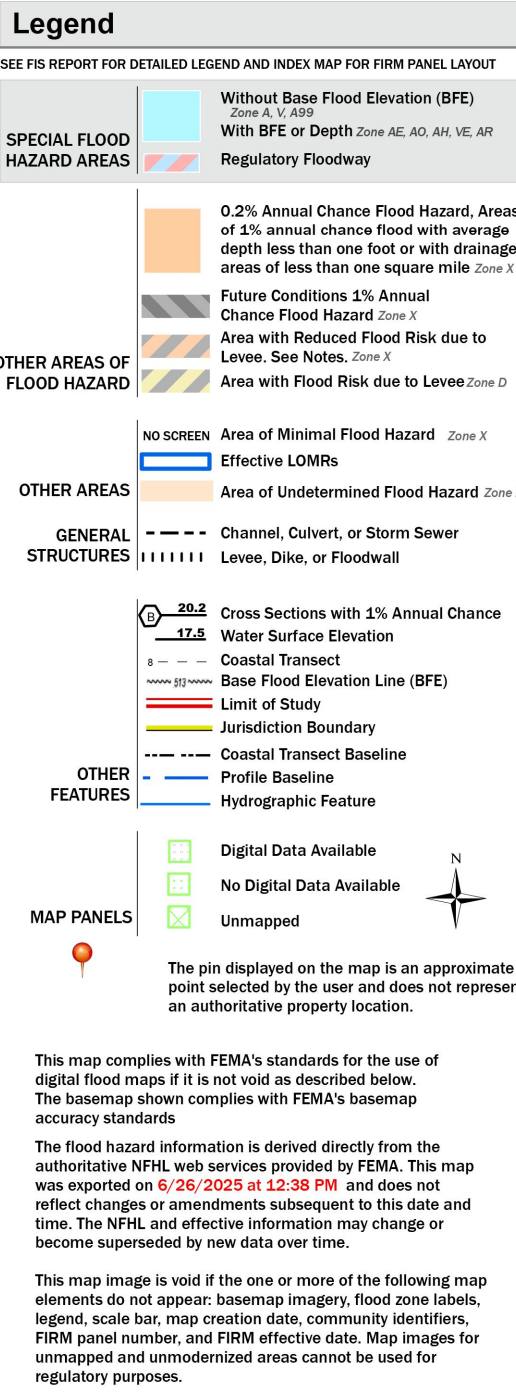


FEMA FLOOD MAP - 13113C0102E
SCALE: NTS

DATED 09/26/2008



VICINITY MAP
SCALE: NTS



SOIL MAP

SOILS LEGEND	
SYMBOL	DESCRIPTION
AmB	Appling sandy loam, 2 to 6 percent slopes
CeB	Cecil sandy loam, 2 to 6 percent slopes
CeC	Cecil sandy loam, 2 to 6 percent slopes

ACTIVITY SCHEDULE (FOR PERMITTING REFERENCE ONLY)																
ACTIVITY	TIME / 16 WEEKS															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
INSTALL SILT FENCE, CONSTRUCTION EXIT																
CLEARING AND GRUBBING																
INSTALL REMAINDER OF INITIAL PERIMTER CONTROLS INCLUDING SEDIMENT BASINS, CHECK DAMS, ROCK DAMS, DIVERSION BERMS, ROCK FILTER, DOWN DRAINS, INLET SEDIMENT TRAPS, AND FILTER RINGS,																
DEMOLITION OF SURFACE PAVEMENT, OR ANY OTHER MISCELLANEOUS REQUIRED BMP, FENCES, EXISTING CULVERTS AND UTILITY POLES																
UTILITY RELOCATION																
ROUGH GRADING OPERATIONS																
INSTALLATION OF PROPOSED CULVERTS																
FINAL PAVING AND GRADING																
PERMANENT SEEDING																
REMOVAL OF TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES																
MAINTENANCE OF TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES																

ES&PC PLAN FIELD REVISIONS SUMMARY			
REV #	DATE	ENTITY REQUESTING	REVISIONS

DESIGN PROFESSIONAL:
CODY OWENBY, PE.
LEVEL II CERTIFICATION
No.: 0000095439
EXPIRES : 09/10/2027



Know what's below.
Call before you dig.
Dial 811
Or Call 800-282-7411



3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092

Copyright © 2025 by Pond & Company. All rights reserved. No copying or duplication of these documents is allowed without the expressed written agreement of Pond & Company.

EOR/AOR SEAL



GSWCC# 95439,
EXP. 9/10/2027

CLIENT INFORMATION

FAYETTE COUNTY

140 STONEWALL AVE W, STE 203
FAYETTEVILLE, GA. 30214

PROJECT NAME

115 BRANDON
MILL CIRCLE
CULVERT
REPLACEMENT

FAYETTE COUNTY, GA

DRAWING ISSUE

DATE

DESCRIPTION

MARK

DESIGNED BY: CAO
DRAWN BY: JAG
CHECKED BY: KU
SUBMITTED BY: KW
DATE: OCTOBER 31, 2025
PROJECT # 1250281

SHEET TITLE

EROSION AND
SEDIMENT
CONTROL
NOTES

SHEET NUMBER

CE001

SHEET 11 OF 17

ORIGINAL SHEET SIZE:
22" X 34"

100% SUBMITTAL - ISSUED FOR CONSTRUCTION

FILE PATH: X:\FY25\1250281\07 CAD-BIM\07.02 CAD\CIVIL\CE001 PLOTTED BY: HENAO, CESAR DATE: 10/31/2025

	1	2	3	4	5			
STRUCTURAL PRACTICES: THE STRUCTURAL PRACTICES SHOWN ON THIS PLAN HAVE BEEN DESIGNED TO REDUCE EROSION & SEDIMENTATION OF DISTURBED AREAS. CURB INLET PROTECTION (SD2-P) SHALL BE INSTALLED PRIOR TO CLEARING, DEMOLITION, AND GRADING OPERATIONS TO KEEP SEDIMENT CONTAINED WITHIN THE SITE AS NECESSARY. SEDIMENT STORAGE OF 67 CY PER DISTURBED ACRE SHALL BE PROVIDED. CRITICAL WORK ZONE: ALL DISTURBED SLOPES 3:1 OR STEEPER AND HIGHER THAN 5 FEET SHALL RECEIVE SURFACE ROUGHENING, AND SLOPE STABILIZATION. SILT FENCING AND THE CONSTRUCTION EXIT SHALL BE USED TO PREVENT SEDIMENT FROM LEAVING THE DISTURBED AREA. INLET PROTECTION SHALL BE USED TO PREVENT SEDIMENT FROM ENTERING THE STORM SEWER. STORM WATER MANAGEMENT: NO NEW PERMANENT STORMWATER MANAGEMENT BMPs WILL BE PROVIDED AS A PART OF THIS PROJECT. CONSTRUCTION PERIOD STORM WATER POLLUTANT CONTROL: SEDIMENTATION AND FUEL SPILLS ARE POTENTIAL SOURCES OF STORM WATER POLLUTION DURING THE CONSTRUCTION PROCESS. THESE POLLUTANTS SHALL BE REMOVED AND/OR REDUCED VIA THE BMP'S CONTAINED WITHIN THIS PLAN POST-CONSTRUCTION STORM WATER POLLUTANT CONTROL: EXISTING UNDISTURBED AREAS ARE PRIMARILY COVERED IN VEGETATION OR HARDSCAPE. MEASURES WILL BE TAKEN TO ENSURE ALL PERVIOUS DISTURBED AREAS ARE VEGETATED POST-CONSTRUCTION TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES. STABILIZATION MEASURES: THE STABILIZATION MEASURES SHOWN ON THESE PLANS HAVE BEEN DESIGNED TO STABILIZE THE DISTURBED AREAS FOLLOWING THE TEMPORARY OR PERMANENT COMPLETION OF CONSTRUCTION. ALL EXPOSED AREAS SHALL BE STABILIZED WITH TEMPORARY MULCHING (DS1) IF THEY ARE TO REMAIN INACTIVE FOR 14 DAYS OR MORE. ALL DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY (DS2) OR PERMANENT (DS3) VEGETATION AS INDICATED ON THE PLAN. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH SLOPE STABILIZATION (SS). DUST CONTROL (DU) SHALL ALSO BE PROVIDED AS NEEDED DURING GRADING ACTIVITIES. SEE EROSION, SEDIMENTATION, AND POLLUTION CONTROL (ESPCP) DETAIL SHEETS FOR MORE DETAILS REGARDING THESE STABILIZATION MEASURES. 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, EXCEPT: WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SNOW COVER OR OTHER ADVERSE WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL. 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 THE SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED. KEEPING PLANS CURRENT: THE PRIMARY PERMITTEE(S), SHALL AMEND THEIR PLAN WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE, WHICH HAS A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT (I.E., THOSE BMPs WHERE THE DESIGN IS BASED UPON RAINFALL INTENSITY, DURATION AND RETURN FREQUENCY STORMS) OR IF THE PLAN PROVES TO BE INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS FROM SOURCES IDENTIFIED UNDER PART IV.D.3. AMENDMENTS TO THE PLAN MUST BE CERTIFIED BY A DESIGN PROFESSIONAL AS PROVIDED IN THIS PERMIT. PROPER OPERATION AND MAINTENANCE: THE PERMITTEE SHALL AT ALL TIMES PROPERLY OPERATE AND MAINTAIN ALL FACILITIES AND SYSTEMS OF TREATMENT AND CONTROL (AND RELATED APPURTENANCES) WHICH ARE INSTALLED OR USED BY THE PERMITTEE TO ACHIEVE COMPLIANCE WITH THE CONDITIONS OF THIS PERMIT AND WITH THE REQUIRED PLANS. PROPER OPERATION AND MAINTENANCE ALSO INCLUDES ADEQUATE LABORATORY CONTROLS AND APPROPRIATE QUALITY ASSURANCE PROCEDURES. PROPER OPERATION AND MAINTENANCE REQUIRES THE OPERATION OF BACKUP OR AUXILIARY FACILITIES OR SIMILAR SYSTEMS, INSTALLED BY PERMITTEE ONLY WHEN NECESSARY TO ACHIEVE COMPLIANCE WITH THE CONDITIONS OF THE PERMIT. EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION AND SEDIMENT CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE. REFER TO THE DETAILS CONTAINED WITHIN THIS PLAN SET FOR ADDITIONAL MAINTENANCE INSTRUCTION. NON-STORM WATER DISCHARGES: NON-STORM WATER DISCHARGES (DISCHARGES FROM FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, POTABLE WATER SOURCES INCLUDING WATER LINE FLUSHING, IRRIGATION DRAINAGE, AIR CONDITIONING CONDENSATE, SPRINGS, UNCONTAMINATED GROUNDWATER, AND FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS OR POLLUTANTS) THAT ARE COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY SHALL BE DISCHARGED TO THE PROPOSED STORM DRAINAGE SYSTEM AND ROUTED THROUGH THE EROSION AND SEDIMENTATION CONTROLS IDENTIFIED WITHIN THIS PLAN. NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF THIS IS NOT POSSIBLE. WASTE MATERIALS AND DISPOSAL: NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO STORM WATER INLETS, WATERS OF THE STATE, OR WATERS OF THE UNITED STATES, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT. ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER OR OTHER APPROPRIATE WASTE MANAGEMENT FACILITY PERMISSIBLE UNDER PERMIT NO. GAR 100002. WASTE MANAGEMENT FACILITIES SHALL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE WASTE MANAGEMENT FACILITIES. WASTE MANAGEMENT FACILITIES SHALL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY AND TRASH SHALL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE SHALL BE BURIED ON-SITE.			ALL PERSONNEL SHALL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES SHALL BE POSTED AT THE JOB SITE AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED. 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. HAZARDOUS WASTES: ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN THE MANNER AS REQUIRED BY LOCAL, STATE, AND/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, SHALL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS'S) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT ARE USED ON THE JOB SITE SHALL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS SHALL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS SHALL BE MAINTAINED IN THE EROSION SEDIMENTATION AND POLLUTION CONTROL PLAN (ESPCP) FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO HANDLES 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 SHALL BE ALLOWED TO COME IN CONTACT WITH STORM WATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORM WATER DISCHARGE SHALL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORM WATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN. SEE SPILL CLEANUP AND CONTROL PRACTICES FOR DETAILS. NOTHING IN THIS PERMIT SHALL BE CONSTRUED TO PRECLUDE THE INSTITUTION OF ANY LEGAL ACTION OR RELIEVE THE PERMITTEE FROM ANY RESPONSIBILITIES, LIABILITIES, OR PENALTIES TO WHICH THE PERMITTEE IS OR MAY BE SUBJECT UNDER THE GEORGIA HAZARDOUS WASTE MANAGEMENT ACT, O.C.G.A. § 12-8-60, ET SEQ. OR UNDER CHAPTER 14 OF TITLE 12 OF THE OFFICIAL CODE OF GEORGIA ANNOTATED; NOR IS THE OPERATOR RELIEVED FROM ANY RESPONSIBILITIES, LIABILITIES OR PENALTIES TO WHICH THE PERMITTEE IS OR MAY BE SUBJECT UNDER SECTION 311 OF THE CLEAN WATER ACT OR SECTION 106 OF COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT. SPILL CLEANUP AND CONTROL PRACTICES: A. LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL. B. 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, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS. C. SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS. D. ALL SPILLS MUST BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS MUST BE REPORTED AS REQUIRED BY LOCAL, STATE, AND FEDERAL REGULATIONS. E. ALL SPILLS MUST BE IMMEDIATELY REPORTED TO BASE CEV (ENVIRONMENTAL FLIGHT). BASE CEV WILL PROVIDE STORMWATER TRAINING SLIDES THAT MUST BE REVIEWED AND IMPLEMENTED BY THE CONTRACTOR. F. FOR SPILLS THAT IMPACT SURFACE WATERS (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NCR) MUST BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802. G. FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONS RESPONSE CENTER NRC MUST BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802. H. FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS OCCUR, THE GEORGIA E.P.D. MUST BE CONTACTED WITHIN 24 HOURS. I. FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS OCCUR, THE SPILL MUST BE CLEANED UP AND LOCAL AGENCIES MUST BE CONTACTED AS REQUIRED. J. GENERAL NPDES PERMIT NO. GAR 100002 DOES NOT AUTHORIZE THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL RESULTING FROM AN ON-SITE SPILL.			TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE SHALL BE COVERED WITH A TARPAULIN. DUST CONTROL (DU) SHALL BE APPLIED AS NECESSARY TO PREVENT SURFACE AND AIR MOVEMENT OF DUST. INVENTORY FOR POLLUTION PREVENTION PLAN THE FOLLOWING MATERIALS ARE EXPECTED TO BE ONSITE DURING CONSTRUCTION: CONCRETE PRODUCTS, ASPHALT, PETROLEUM BASED FUELS AND LUBRICANTS FOR EQUIPMENT, TAR, METAL BUILDING MATERIALS, LUMBER, SHEET ROCK, FLOOR COVERINGS, ELECTRICAL WIRE AND FIXTURES, PAINTS/STAINS/FINISHING TREATMENTS, PAINT SOLVENTS, ADDITIVES FOR SOIL STABILIZATION, CLEANING SOLVENTS, PESTICIDES, FERTILIZERS, HERBICIDES, CRUSHED STONE, PLASTIC AND METAL PIPES. SPILL PREVENTION PRACTICES SUCH AS GOOD HOUSEKEEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS AND PROPER SPILL CONTROL PRACTICES WILL BE FOLLOWED TO REDUCE THE RISK OF SPILLS AND SPILLS FROM DISCHARGING INTO STORM WATER RUNOFF. GOOD HOUSEKEEPING QUANTITIES OF PRODUCTS STORED ONSITE WILL BE LIMITED TO THE AMOUNT NEEDED FOR THE JOB. J. PRODUCTS AND MATERIALS MUST BE STORED IN A NEAT, ORDERLY MANNER IN APPROPRIATE CONTAINERS PROTECTED FROM RAINFALL, WHERE POSSIBLE. K. PRODUCTS MUST BE KEPT IN THEIR ORIGINAL CONTAINERS WITH MANUFACTURER LABELS LEGIBLE AND VISIBLE. L. PRODUCT MIXING, PRODUCT DISPOSAL, AND DISPOSAL OF PRODUCT CONTAINERS WILL BE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. M. THE CONTRACTOR MUST INSPECT SUCH MATERIALS TO ENSURE PROPER USE, STORAGE AND DISPOSAL. MATERIALS AND PRODUCTS DRY STORAGE "FOR BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, 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 PRODUCTS AND MATERIALS INTENDED FOR OUTDOOR USE)."		



3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092

Copyright © 2025 by Pond & Company. All rights reserved. No copying or duplication of these documents is allowed without the expressed written agreement of Pond & Company.

EOR/AOR SEAL



GSWCC# 95439,
EXP. 9/10/2027

FAYETTE COUNTY
140 STONEWALL AVE W, STE 203
FAYETTEVILLE, GA. 30214

PROJECT NAME

115 BRANDON
MILL CIRCLE
CULVERT
REPLACEMENT

FAYETTE COUNTY, GA

DRAWING ISSUE		DATE
		DESCRIPTION
		MARK
DESIGNED BY:	CAO	
DRAWN BY:	JAG	
CHECKED BY:	KU	
SUBMITTED BY:	KW	
DATE:	OCTOBER 31, 2025	
PROJECT #	1250281	

SHEET TITLE

EROSION AND
SEDIMENT
CONTROL
NOTES

SHEET NUMBER	
CE002	
SHEET 12OF 17	
ORIGINAL SHEET SIZE: 22" X 34"	

FILE PATH: X:\FY25\1250281\07 CAD-BIM\07.02 CAD\CIVIL\CE001 PLOTTED BY: HENAO, CESAR DATE: 10/31/2025

D

C

B

A

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST		
INFRASTRUCTURE CONSTRUCTION PROJECTS GAR100002		
SWCD: Towaliga		
Project Name: 115 Brandon Mill Circle Culvert Replacement		Address: 115 Brandon Mill Cir, Fayetteville, GA 30214
Local Issuing Authority: Fayette County		Date on Plans: August 27, 2025
Name & Email of person filling out checklist: Jesus Gonzalez, jesus.gonzalez@pondco.com		
Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
CE003	Y	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. The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed. Permit IV.D.1. pg 28
ALL CE	Y	2 Level II certification number issued by the Commission, signature and seal of the certified design professional. Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed. The Level II certification must be issued to the Design Professional, after completion of a GSWCC approved course, and whose signature and seal are on the Plan.
CE001	Y	3 The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
CE001	Y	4 Provide the name, address, email address, and phone number of Primary Permittee.
CE001	Y	5 Note total and disturbed acreages of the project or phase under construction.
CE001	Y	6 Provide the GPS locations of the beginning and end of the infrastructure project. Give the Latitudes and Longitudes in decimal degrees.
CE001	Y	7 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
CE001	Y	8 Descriptions of the nature of construction activity and existing site conditions.
CE001	Y	9 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
CE001	Y	10 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
CE001	Y	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.
N/A	N/A	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. *
N/A	N/A	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. *
N/A	N/A	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." *
CE001	Y	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 wrested 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."
N/A	N/A	16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
N/A	N/A	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." *
N/A	N/A	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." *
CE001	Y	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."
CE001	Y	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."
CE001	Y	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."
N/A	N/A	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. *
N/A	N/A	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. *
N/A	N/A	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. *
CE002	Y	25 Provide BMPs for the remediation of all petroleum spills and leaks.

N/A	N/A	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. *				
N/A	N/A	27 Description of practices to provide cover for building materials and building products on site. *				
N/A	N/A	28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *				
CE001	Y	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).				
N/A	N/A	30 Provide complete requirements of Inspections and record keeping by the Primary Permittee. *				
N/A	N/A	31 Provide complete requirements of Sampling Frequency and Reporting of sampling results. *				
N/A	N/A	32 Provide complete details for Retention of Records as per Part IV.F. of the permit. *				
N/A	N/A	33 Description of analytical methods to be used to collect and analyze the samples from each location. *				
N/A	N/A	34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *				
N/A	N/A	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. *				
N/A	N/A	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. *				
CE101-CE201	Y	37 Graphic scale and North arrow.				
CE101-CE201	Y	38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: <table><tr><td>Existing Contours</td><td>USGS 1": 2000' Topographical Sheets</td></tr><tr><td>Proposed Contours</td><td>1": 400' Centerline Profile</td></tr></table>	Existing Contours	USGS 1": 2000' Topographical Sheets	Proposed Contours	1": 400' Centerline Profile
Existing Contours	USGS 1": 2000' Topographical Sheets					
Proposed Contours	1": 400' Centerline Profile					
N/A	N/A	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.				
N/A	N/A	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. *				
CE101-CE201	Y	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.				
CE101-CE201	Y	42 Delineation of all State Waters and wetlands located on or within 200 feet of the project site.				
CG201	Y	43 Delineation and acreage of contributing drainage basins on the project site.				
N/A	N/A	44 Delineate on-site drainage and off-site watersheds using USGS 1" :2000' topographical sheets.				
CG201	Y	45 Estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.				
CG201	Y	46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate at all storm water discharge points.				
CE001	Y	47 Soil series for the project site and their delineation.				
CE101-CE201	Y	48 The limits of disturbance for each phase of construction.				
CE101-CE201	Y	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.				
CE101-201	Y	50 Location of Best Management Practices that are consistent with, and no less stringent than, the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual Chapter 6, with legend.				
CE501-CE502	Y	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.				
CE501-CE502	Y	52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.				
* 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, 2025

DESIGN PROFESSIONAL:
CODY OWENBY, PE.
LEVEL II CERTIFICATION
No.: 0000095439
EXPIRES : 09/10/2027



Know what's below.
Call before you dig.
Dial 811
Or Call 800-282-7411



3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092
Copyright © 2025 by Pond & Company. All rights reserved. No copying or duplication of these documents is allowed without the expressed written agreement of Pond & Company.



FAYETTE COUNTY
140 STONEWALL AVE W, STE 203
FAYETTEVILLE, GA. 30214

PROJECT NAME

115 BRANDON
MILL CIRCLE
CULVERT
REPLACEMENT

FAYETTE COUNTY, GA

DRAWING ISSUE

DATE

DESCRIPTION

MARK

DESIGNED BY: CAO
DRAWN BY: JAG
CHECKED BY: KU
SUBMITTED BY: KW
DATE: OCTOBER 31, 2025
PROJECT # 1250281

SHEET TITLE

EROSION AND
SEDIMENT
CONTROL
NOTES

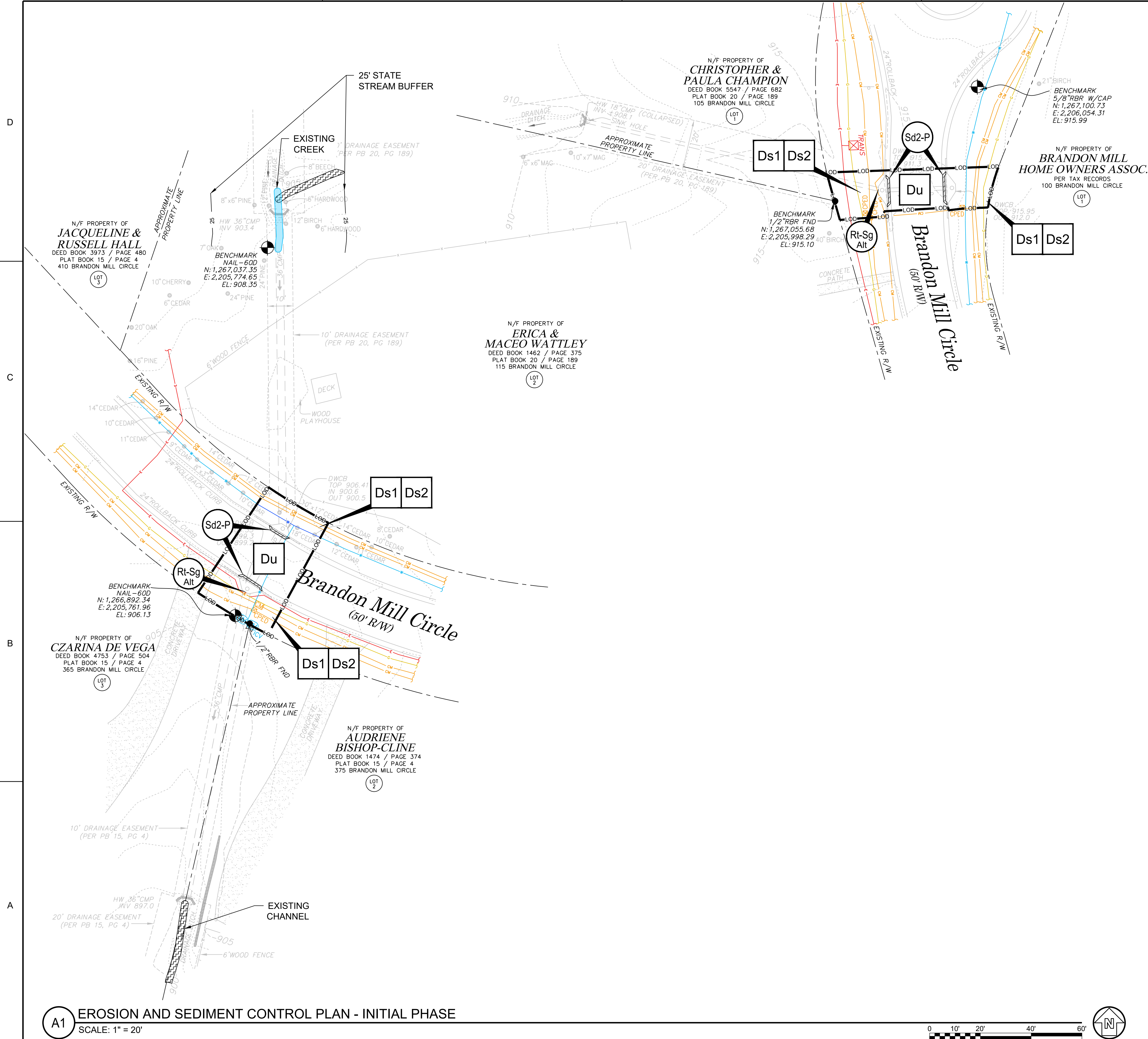
SHEET NUMBER

CE003

SHEET 13OF 17
ORIGINAL SHEET SIZE:
22" X 34"

100% SUBMITTAL - ISSUED FOR CONSTRUCTION

FILE PATH: X:\FY25\1250281\07 CAD\BIM\07.02 CAD\CIVIL\CE101 PLOTTED BY: HENAO, CESAR DATE: 10/31/2025



GENERAL SHEET NOTES

- 1. REFER TO SHEET CE001 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
- 2. THIS SHEET IS PART OF A MULTI-SHEET SET OF EROSION CONTROL PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
- 3. 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.
- 4. 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.
- 5. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
- 6. ANY DISTURBED AREA LEFT IDLE FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITH PERMANENT SEEDING.
- 7. CONSTRUCTION ENTRANCE TO BE DETERMINED BY COUNTY AND CONTRACTOR PRIOR TO CONSTRUCTION.

LEGEND

- LOD — LOD — LIMITS OF DISTURBANCE
- - - - - APPROXIMATE RIGHT-OF-WAY/PROPERTY LINE



3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092
Copyright © 2025 by Pond & Company. All rights reserved. No copying or duplication of these documents is allowed without the expressed written agreement of Pond & Company.

EOR/AOR SEAL



CLIENT INFORMATION

FAYETTE COUNTY

140 STONEWALL AVE W, STE 203
FAYETTEVILLE, GA. 30214

PROJECT NAME

115 BRANDON
MILL CIRCLE
CULVERT
REPLACEMENT

FAYETTE COUNTY, GA

DRAWING ISSUE

DATE

DESCRIPTION

MARK

DESIGNED BY: CAO
DRAWN BY: JAG
CHECKED BY: KU
SUBMITTED BY: KW
DATE: OCTOBER 31, 2025
PROJECT # 1250281

SHEET TITLE

EROSION AND
SEDIMENT
CONTROL PLAN
- INITIAL PHASE

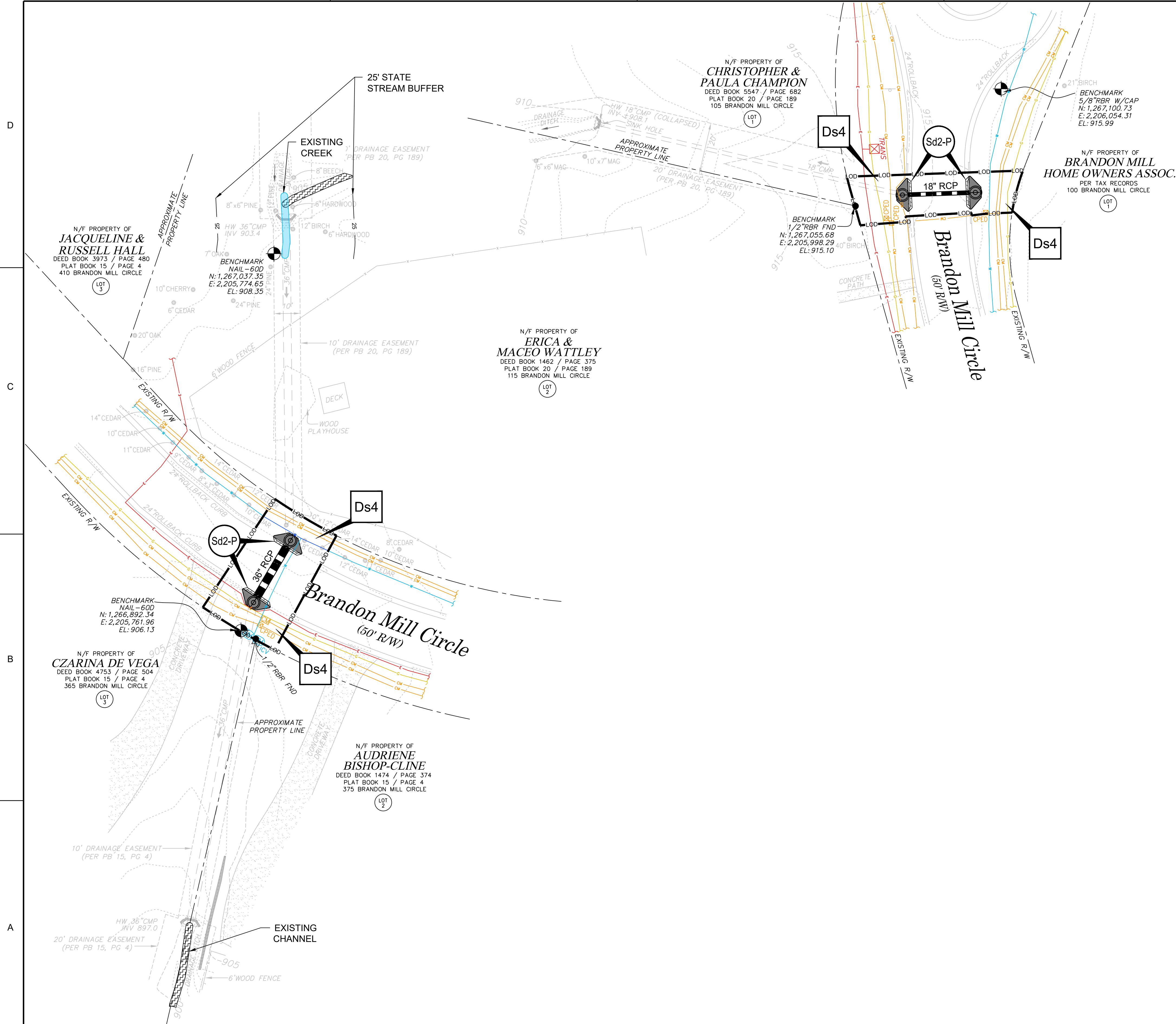
SHEET NUMBER

CE101

SHEET 14 OF 17

ORIGINAL SHEET SIZE:
22" X 34"

FILE PATH: X:\FY25\1250281\07 CAD\BIM\07.02 CAD\CIVIL\CE101 PLOTTED BY: HENAO, CESAR DATE: 10/31/2025



GENERAL SHEET NOTES

1. REFER TO SHEET CE001 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
2. THIS SHEET IS PART OF A MULTI-SHEET SET OF EROSION CONTROL PLANS AND SHALL BE READ WITH THE FULL SET TO BEST ENSURE PROPER INTERPRETATION.
3. 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.
4. 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.
5. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
6. ANY DISTURBED AREA LEFT IDLE FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITH PERMANENT SEEDING.
7. CONSTRUCTION ENTRANCE TO BE DETERMINED BY COUNTY AND CONTRACTOR PRIOR TO CONSTRUCTION.

LEGEND

- LOD — LOD — LIMITS OF DISTURBANCE
- - - - - APPROXIMATE RIGHT-OF-WAY/PROPERTY LINE



3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092
Copyright © 2025 by Pond & Company. All rights reserved. No copying or duplication of these documents is allowed without the expressed written agreement of Pond & Company.



FAYETTE COUNTY
140 STONEWALL AVE W, STE 203
FAYETTEVILLE, GA. 30214

PROJECT NAME
**115 BRANDON
MILL CIRCLE
CULVERT
REPLACEMENT**
FAYETTE COUNTY, GA

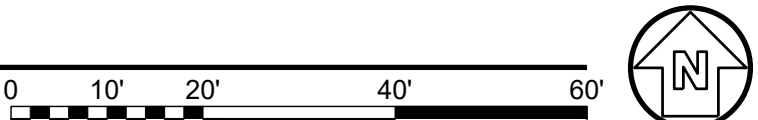
DRAWING ISSUE	
DATE	DESCRIPTION
MARK	

DESIGNED BY: CAO
DRAWN BY: JAG
CHECKED BY: KU
SUBMITTED BY: KW
DATE: OCTOBER 31, 2025
PROJECT # 1250281

SHEET TITLE
**EROSION AND
SEDIMENT
CONTROL PLAN
- FINAL PHASE**

SHEET NUMBER
CE201
SHEET 15 OF 17
ORIGINAL SHEET SIZE:
22" X 34"

A1 EROSION AND SEDIMENT CONTROL PLAN - FINAL PHASE
SCALE: 1" = 20'



Ds2



PIPE STOPPER

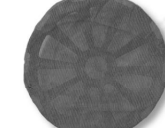
Pipe Inlet Protection

Horizontal pipe device installed during construction prevents entry of sediment and floatables while allowing passage of stormwater



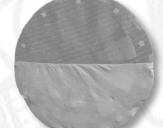
Friction fingers clip into HDPE, Concrete, or Metal Corrugated Pipe

Inside Dimension of Pipe	High Flow	2 Stage 50/50 Filter	2 Stage Filter	*2 Stage Specialty Filter VA & MD
12"				
15"				
18"				
24"				
30"				
36"				



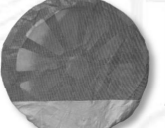
High Flow Filter

100% high flow green mesh



2 Stage 50/50 Filter

50% high flow green mesh 50% nonwoven (>96% efficiency) filter



2 Stage Filter

75% high flow green mesh 25% nonwoven (>96% efficiency) filter



*Specialty filter available for VA & MD



➤ Reusable HDPE frame with replaceable filter options

➤ Fast, easy installation and removal

➤ Designed for inlet side of pipe only

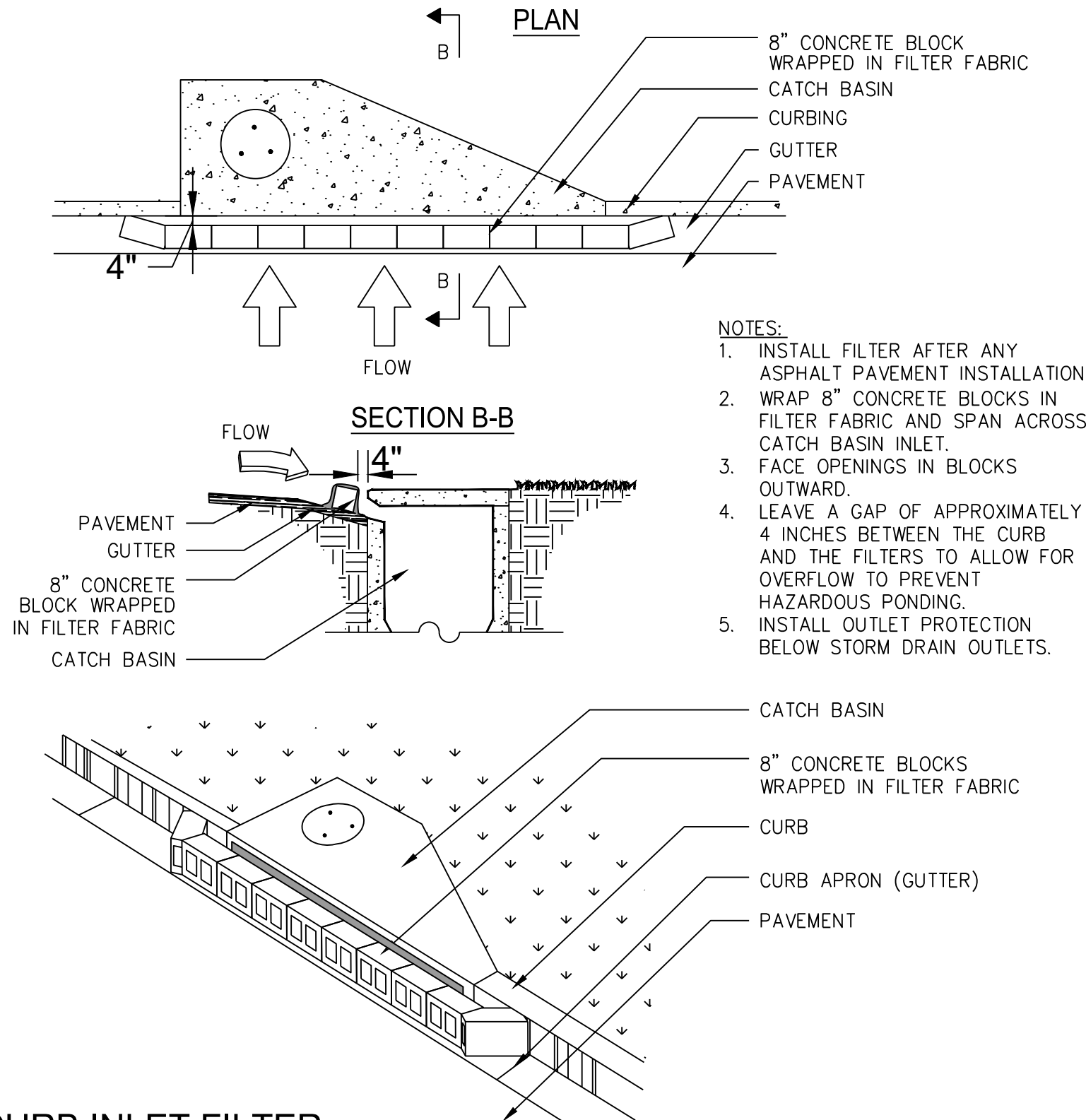
08/11/2023

PHONE: 770.388.7818 • www.siltsaver.com

C1 PIPE STOPPER - PIPE INLET PROTECTION
SCALE: N.T.S.

Rt-Sg
Alt

CURB INLET FILTER "PIGS IN BLANKET"

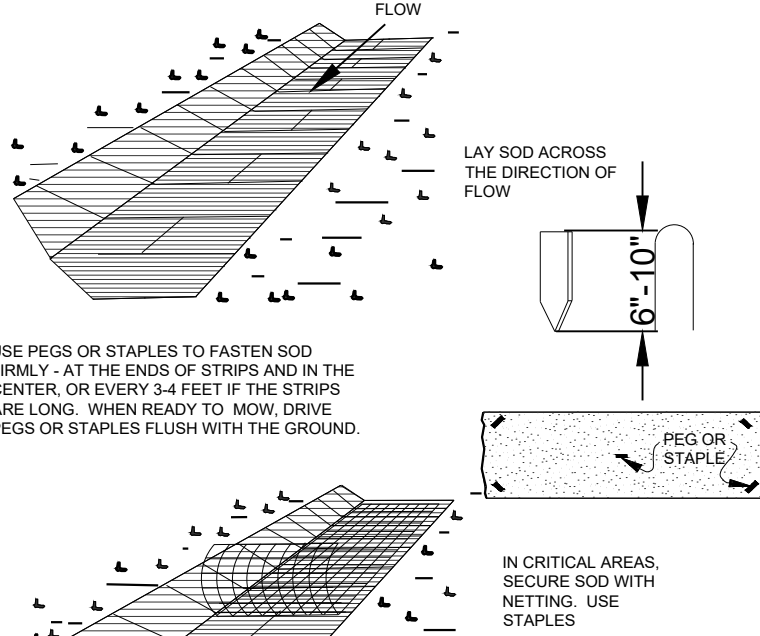


A1 CURB INLET FILTER
SCALE: N.T.S.

Sd2-P

FERTILIZER REQUIREMENTS FOR SOIL SURFACE APPLICATION			
FERTILIZER TYPE	FERTILIZER RATE (lbs/acre)	FERTILIZER RATE (lbs/sq ft)	SEASON
10-10-10	1000	.025	FALL

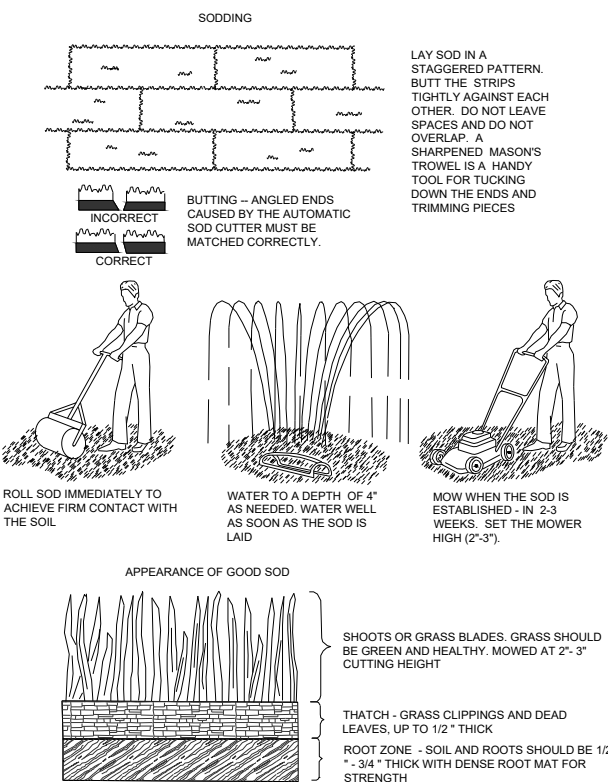
AGRICULTURAL LIME SHOULD BE APPLIED BASED ON SOIL TESTS OR AT A RATE OF 1 TO 2 TONS PER ACRE.



GRASS	VARIETIES	RESOURCE AREA	GROWING SEASON
BERMUDAGRASS	COMMON TIFWAY TIFGREEN TIFLAWN	M-L,P,C P,C P,C P,C	WARM WEATHER
BAHIAGRASS	PENSACOLA	P,C	WARM WEATHER
CENTPEDE	-	P,C	WARM WEATHER
ST. AUGUSTINE	COMMON BITTERBLUE RALEIGH	C	WARM WEATHER
ZOYSIA	EMERALD MEYER	P,C	WARM WEATHER
TALL FESCUE	KENTUCKY	M-L,P	COOL WEATHER

TABLE 6-6.3

FERTILIZER REQUIREMENTS FOR SOD				
TYPES OF SPECIES	PLANTING YEAR	FERTILIZER (N-P-K)	RATE (lbs./acre)	NITROGEN 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
WARM SEASON GRASSES	FIRST	6-12-12	1500	50-100
	SECOND	6-12-12	800	50-100
	MAINTENANCE	10-10-10	400	30



DEFINITION
A PERMANENT VEGETATIVE COVER USING SODS ON HIGHLY ERODIBLE OR CRITICALLY ERODED LANDS.

CONDITIONS
THIS APPLICATION IS APPROPRIATE FOR AREAS WHICH REQUIRE IMMEDIATE VEGETATIVE COVERS, DROP INLETS, GRASS SWALES, AND WATERWAYS WITH INTERMITTENT FLOW.

PLANNING
CONSIDERATIONS
SODDING CAN INITIALLY BE MORE COSTLY THAN SEEDING, BUT THE ADVANTAGES JUSTIFY THE INCREASED INITIAL COSTS.

1. IMMEDIATE EROSION CONTROL, GREEN SURFACE, AND QUICK USE.
2. REDUCED FAILURE AS COMPARED TO SEED AS WELL AS THE LACK OF WEEDS CAN BE ESTABLISHED NEARLY YEAR-ROUND.
- 3.

SODDING IS PREFERABLE TO SEED IN WATERWAYS AND SWALES BECAUSE OF THE IMMEDIATE PROTECTION OF THE CHANNEL AFTER APPLICATION. SODDING MUST BE STAKED IN CONCENTRATED FLOW AREAS (SEE FIGURE 6-6.1) CONSIDER USING SOD FRAMED AROUND DROP INLETS TO REDUCE SEDIMENTS AND MAINTAINING THE GRADE.

CONSTRUCTION SPECIFICATIONS
INSTALLATION

SOIL PREPARATION

BRING SOIL SURFACE TO FINAL GRADE. CLEAR SURFACE OF TRASH, WOODY DEBRIS, STONES AND CLODS LARGER THAN 1". APPLY SOD TO SOIL SURFACES ONLY AND NOT FROZEN SURFACES, OR GRAVEL TYPE SOILS. TOPSOIL PROPERLY APPLIED WILL HELP GUARANTEE A STAND. DON'T USE TOPSOIL RECENTLY TREATED WITH HERBICIDES OR SOIL STERILANTS. MIX FERTILIZER INTO SOIL SURFACE. FERTILIZE BASED ON SOIL TESTS OR TABLE 6-6.1.

INSTALLATION

LAY SOD WITH TIGHT JOINTS AND IN STRAIGHT LINES. DON'T OVERLAP JOINTS. STAGGER JOINTS AND DO NOT STRETCH SOD (SEE FIGURE 6-6.2) ON SLOPES STEEPER THAN 3:1. SOD SHOULD BE ANCHORED WITH PINS OR OTHER APPROVED METHODS. INSTALLED SOD SHOULD BE ROLLED OR TAMPED TO PROVIDE GOOD CONTACT BETWEEN SOD AND SOIL. IRRIGATE SOD AND SOIL TO A DEPTH OF 4" IMMEDIATELY AFTER INSTALLATION. SOD SHOULD NOT BE CUT OR SPREAD IN EXTREMELY WET OR DRY WEATHER. IRRIGATION SHOULD BE USED TO SUPPLEMENT RAINFALL FOR A MINIMUM OF 2-3 WEEKS.

MATERIALS

SOD SELECTED SHOULD BE CERTIFIED. SOD GROWN IN THE GENERAL AREA OF THE PROJECT IS DESIRABLE.

1. SOD SHOULD BE MACHINE CUT AND CONTAIN 3/4" (+ OR - 1/4 ") OF SOIL, NOT INCLUDING SHOOTS OR THATCH.
2. SOD SHOULD BE CUT TO THE DESIRED SIZE WITHIN + OR -5% TORN OR UNEVEN PADS SHOULD BE REJECTED.
3. SOD SHOULD BE CUT AND INSTALLED WITHIN 36 HOURS OF DIGGING.
4. AVOID PLANTING WHEN SUBJECT TO FROST HEAVE OR HOT WEATHER IF IRRIGATION IS NOT AVAILABLE.
5. THE SOD TYPE SHOULD BE SHOWN ON THE PLANS OR INSTALLED ACCORDING TO TABLE 6-6.2. SEE FIGURE 6-4.1 FOR YOUR RESOURCE AREA.

MAINTENANCE

RE-SOD AREAS WHERE AN ADEQUATE STAND OF SOD IS NOT OBTAINED. NEW SOD SHOULD BE MOWED SPARINGLY. GRASS HEIGHT SHOULD NOT BE CUT LESS THAN 2"-3" OR AS SPECIFIED (SEE FIGURE 6-6.2). APPLY ONE TON OF AGRICULTURAL LIME AS INDICATED BY SOIL TEST OR EVERY 4-6 YEARS. FERTILIZE GRASSES IN ACCORDANCE WITH SOIL TESTS OR TABLE 6-6.3

B3 DISTURBED AREA STABILIZATION (WITH SODDING)
SCALE: N.T.S.

Ds4



3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092

Copyright © 2025 by Pond & Company. All rights reserved. No copying or duplication of these documents is allowed without the expressed written agreement of Pond & Company.

EOR/AOR SEAL



GSWCC# 95439,
EXP. 9/10/2027

CLIENT INFORMATION

FAYETTE COUNTY
140 STONEWALL AVE W, STE 203
FAYETTEVILLE, GA. 30214

PROJECT NAME
**115 BRANDON
MILL CIRCLE
CULVERT
REPLACEMENT**
FAYETTE COUNTY, GA

DRAWING ISSUE

DATE

DESCRIPTION

MARK

DESIGNED BY: CAO
DRAWN BY: JAG
CHECKED BY: KU
SUBMITTED BY: KW
DATE: OCTOBER 31, 2025
PROJECT # 1250281

SHEET TITLE
**EROSION AND
SEDIMENT
CONTROL
DETAILS**

SHEET NUMBER
CE502
SHEET 17OF 17
ORIGINAL SHEET SIZE:
22" X 34"