CLOSURE DRAWINGS

FOR

GEORGIA POWER
PLANT YATES
INACTIVE CCR LANDFILL - R6 CCR LANDFILL

COWETA COUNTY, GEORGIA

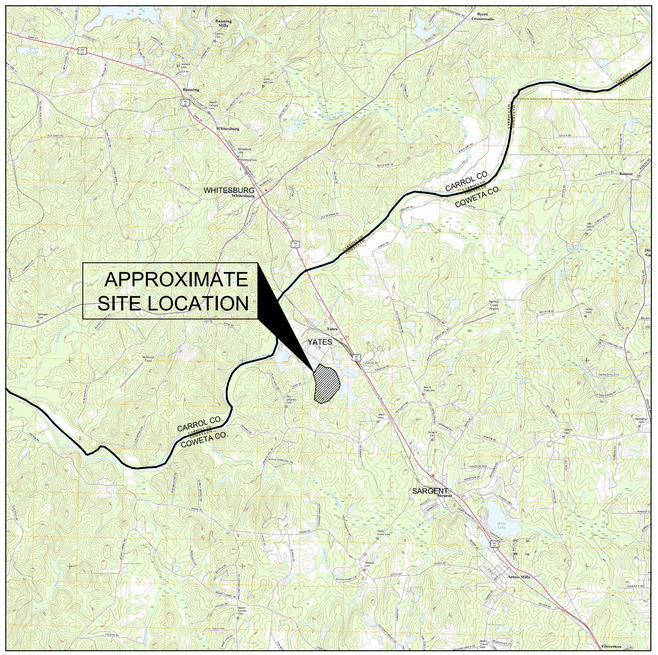
SEPTEMBER 2026

PREPARED FOR:

GEORGIA POWER COMPANY
241 RALPH MCGILL BLVD, NE
ATLANTA, GA 30308
TELEPHONE: (404) 506-6505

SITE ADDRESS

PLANT YATES
708 DYER ROAD
NEWNAN, GA30263
(770) 252-0650



PROJECT SITE LOCATION
SCALE: 1" = 1 MILE
SOURCES: USGS QUAD MAP DATED 2017 WHITESBURG, GA
USGS QUAD MAP DATED 2017 NEWNAN NORTH, GA
USGS QUAD MAP DATED 2017 HULETT, GA
USGS QUAD MAP DATED 2017 RICO, GA

REVISION HISTORY

DATE	SHEETS	REQUESTED BY

INDEX OF DRAWINGS

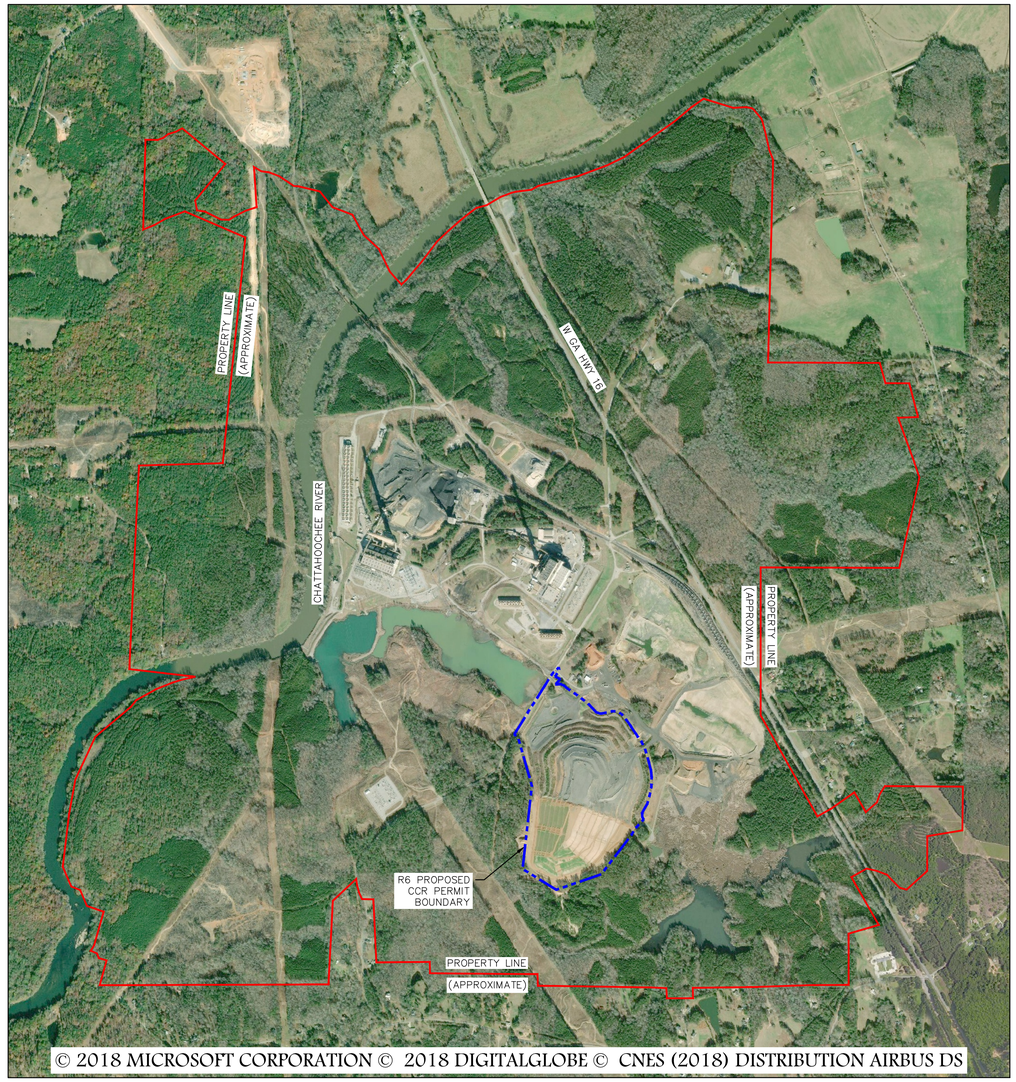
SHEET NO.	DESCRIPTION
1	COVER
2	PROPERTY BOUNDARY & INDEX
3	PERMIT BOUNDARY & LEGAL DESCRIPTION
4	EXISTING CONDITIONS/FINAL GRADING PLAN
5	DETAILS
6	DETAILS
7	ENVIRONMENTAL MONITORING PLAN
8	CROSS SECTION B PLAN
9	CROSS SECTION B

Atlantic Coast Consulting, Inc.
11545 Wills Rd, Suite 100, Alpharetta, GA 30009
770-594-5998

GEORGIA REGISTERED PROFESSIONAL ENGINEER ELIZABETH HEADRICK
9-1-26

Georgia Power

P:\Industrial\0054-Southern Company\107-Plant Yates CCR Permitting\3 - CCR Permit R6\1-Drawings\0054-107-R6-001 (Cover).dwg 9/1/26 HOPE MACK



SOURCE: BING MAP 2018
SCALE: 1" = 1000'

N

GENERAL NOTES:

1. EXISTING PLANT YATES AERIAL TOPOGRAPHY PROVIDED BY GEORGIA POWER DATED JULY 26, 2021.
2. PROPERTY BOUNDARY SHOWN PROVIDED BY SOUTHERN COMPANY SERVICES IN ELECTRONIC FORMAT AND IS APPROXIMATE.
3. ALL DESIGN BY OTHERS. THESE PLANS ARE A DEPICTION OF THE REMAINING 14 ACRES TO BE CLOSED IN PLACE.
4. ALL EROSION CONTROL MEASURES SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA." STORMWATER CONTROLS AND BEST MANAGEMENT PRACTICES SHALL BE DESIGNED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE APPLICABLE NPDES CONSTRUCTION STORMWATER DISCHARGE GENERAL PERMIT, NPDES INDUSTRIAL STORMWATER DISCHARGE GENERAL PERMIT AND/OR THE FACILITY'S NPDES INDUSTRIAL WASTEWATER DISCHARGE INDIVIDUAL PERMIT.
5. STORM WATER DISCHARGES ASSOCIATED WITH CLOSURE ACTIVITIES WILL BE COVERED UNDER THE APPLICABLE NPDES CONSTRUCTION STORMWATER DISCHARGE GENERAL PERMIT, NPDES INDUSTRIAL STORMWATER DISCHARGE GENERAL PERMIT AND/OR THE FACILITY'S NPDES INDUSTRIAL WASTEWATER DISCHARGE INDIVIDUAL PERMIT.
6. STATE WATERS BUFFERS SHALL REMAIN UNDISTURBED, EXCEPT WHERE ENCROACHMENT IS REQUIRED TO FACILITATE CLOSURE ACTIVITIES. UNLESS OTHERWISE EXEMPTED BY THE APPROPRIATE NPDES CONSTRUCTION STORMWATER DISCHARGE GENERAL PERMIT, A STATE WATERS BUFFER VARIANCE SHALL BE OBTAINED FROM GEORGIA EPD'S WATERSHED PROTECTION BRANCH PRIOR TO BUFFER ENCROACHMENT. GEORGIA EPD'S SOLID WASTE MANAGEMENT BRANCH SHALL BE NOTIFIED WHEN GEORGIA POWER ENVIRONMENTAL AFFAIRS APPLIES FOR A STATE WATERS BUFFER VARIANCE. CONTACT GEORGIA POWER ENVIRONMENTAL AFFAIRS FOR ASSISTANCE.
7. PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES FOR THIS PROJECT, THE PERMITTED BOUNDARY, THE LIMITS OF DISTURBANCE AND ALL WETLANDS AND STATE WATERS BUFFERS WITHIN 200 FEET OF THE LIMITS OF DISTURBANCE OR WITHIN THE PROPERTY BOUNDARY (WHICHEVER IS CLOSER) SHALL BE CLEARLY FLAGGED AND STAKED. THESE MARKINGS SHALL BE MAINTAINED UNTIL COMPLETION OF CONSTRUCTION / CLOSURE ACTIVITIES. SHOULD ANY OF THE MARKINGS BE DISTURBED, THE CONTRACTOR SHALL NOTIFY GEORGIA POWER COMPANY IMMEDIATELY. ALL CONSTRUCTION PERSONNEL SHALL BE SHOWN THE LOCATION OF THE LIMITS OF DISTURBANCE, STATE WATER BUFFERS, STATE WATERS AND WETLANDS OUTSIDE THE LIMITS OF DISTURBANCE TO PREVENT HEAVY EQUIPMENT ENCROACHMENT INTO THESE AREAS.

LEGEND

EXISTING	NEW	DESCRIPTION
		APPROXIMATE PROPERTY BOUNDARY
		CCR PERMIT BOUNDARY

GEORGIA REGISTERED NO 24... PROFESSIONAL ENGINEER JANE ELIZABETH HENDRICK
9-1-26

Georgia Power

PROPERTY BOUNDARY & INDEX

CLOSURE DRAWINGS

FOR

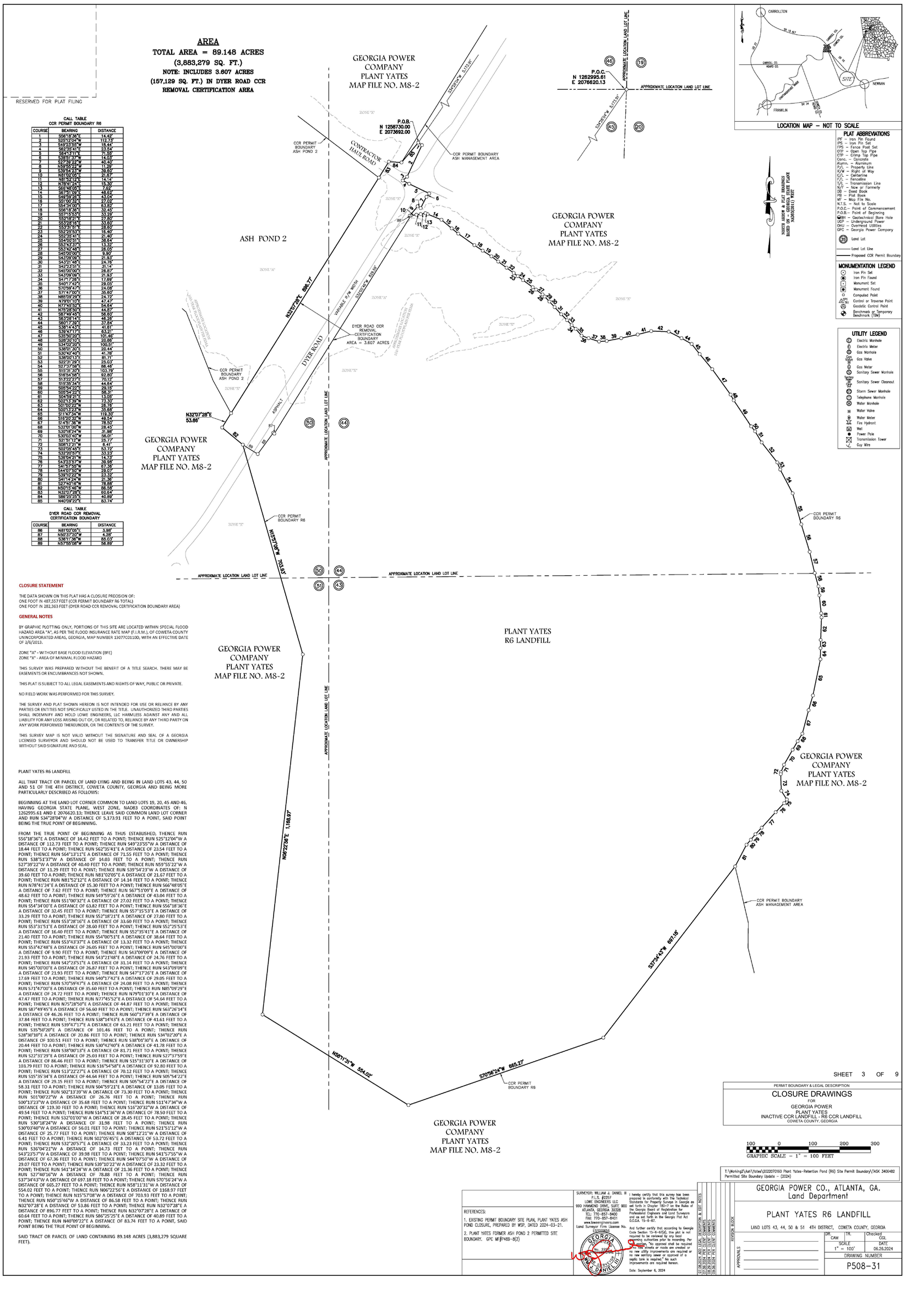
GEORGIA POWER
PLANT YATES
INACTIVE CCR LANDFILL - R6 CCR LANDFILL
COWETA COUNTY, GEORGIA

Atlantic Coast Consulting, Inc.
770-594-5998
www.atlcc.net

11545 Wills Road
Suite 100
Alpharetta, GA 30009

PROJ. NO.	I054-107-R6	DWG.	EDIT
SCALE	1" = 1,000'	SHEET 2 OF 9	
	SEPTEMBER 2026		

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SHEET 3 OF 9

PERMIT BOUNDARY & LEGAL DESCRIPTION

CLOSURE DRAWINGS

FOR

GEORGIA POWER
PLANT YATES
INACTIVE CCR LANDFILL - R6 CCR LANDFILL
COWETA COUNTY, GEORGIA

GRAPHIC SCALE – 1" = 100 FEET

T:\Working\Lah\Yates\2022070160 Plant Yates-Retention Pond (R6) Site Permit Boundary\TASK 3406482 Permitted Site Boundary Update – (2024)

REFERENCES:
1. EXISTING PERMIT BOUNDARY SITE PLAN, PLANT YATES ASH POND CLOSURE, PREPARED BY WSP, DATED 2024-03-21.
2. PLANT YATES FORMER ASH POND 2 PERMITTED SITE BOUNDARY, GPC MF#1459-8(2)

SURVEYOR: WILLIAM J. DANIEL III
P.L.S. #2257
LOWE ENGINEERS LLC
990 HAMMOND DRIVE, SUITE 800
ATLANTA, GEORGIA 30328
TEL: 770-857-9400
FAX: 770-857-8401
www.lowenginneers.com
Land Surveyor Firm License No. LSF000462

I hereby certify that this survey has been prepared in conformity with the Technical Standards for Property Surveys in Georgia as set forth in Chapter 180-7 on the Rules of the Georgia Board of Registration for Professional Engineers and Land Surveyors and as set forth in the Georgia Plat Act. O.C.G.A. 15-6-67.

And further certify that according to Georgia Code Section 15-6-67(d), this plot is not required to be reviewed by any local governing authorities prior to recording the decision. "No approval shall be required for new streets or roads are created or no new utility improvements are required or no new sanitary sewer or approval of a septic tank is required." No such improvements are required hereon.

Date: September 6, 2024

GEORGIA REGISTERED LAND SURVEYOR 2257 WILLIAM J. DANIEL III

REVISIONS & ISSUE RECORD	DATE
REVISED PER CLIENT COMMENTS	12.06.2024
REVISED PER CLIENT COMMENTS	12.18.2024
REVISED PER CLIENT COMMENTS	12.26.2024
REVISED PER CLIENT COMMENTS	01.03.2025

GEORGIA POWER CO., ATLANTA, GA.
Land Department

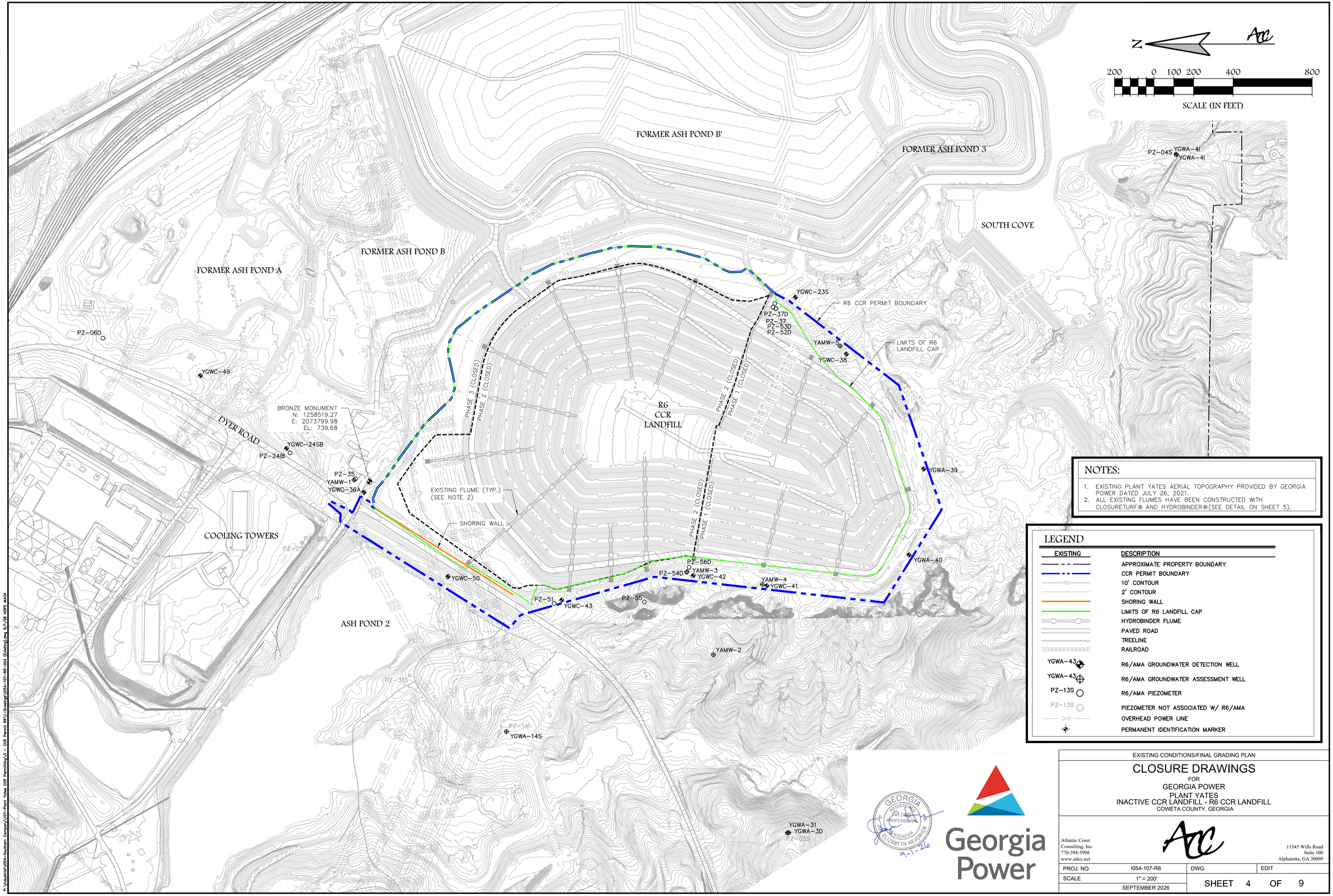
PLANT YATES R6 LANDFILL

LAND LOTS 43, 44, 50 & 51 4TH DISTRICT, COWETA COUNTY, GEORGIA

DR. CAM	TR.	Checked COL
SCALE 1" = 100'		DATE 06.26.2024

DRAWING NUMBER
P508-31

APPROVALS



NOTES:

1. EXISTING PLANT YATES AERIAL TOPOGRAPHY PROVIDED BY GEORGIA POWER DATED JULY 26, 2021.
2. ALL EXISTING FLUMES HAVE BEEN CONSTRUCTED WITH CLOSURETURF® AND HYDROBINDER®(SEE DETAIL ON SHEET 5).

LEGEND

EXISTING	DESCRIPTION
	APPROXIMATE PROPERTY BOUNDARY
	CCR PERMIT BOUNDARY
10	10' CONTOUR
	2' CONTOUR
	SHORING WALL
	LIMITS OF R6 LANDFILL CAP
	HYDROBINDER FLUME
	PAVED ROAD
	TREELINE
	RAILROAD
YGWA-43	R6/AMA GROUNDWATER DETECTION WELL
YGWA-43	R6/AMA GROUNDWATER ASSESSMENT WELL
PZ-13S	R6/AMA PIEZOMETER
PZ-13S	PIEZOMETER NOT ASSOCIATED W/ R6/AMA
OHP	OVERHEAD POWER LINE
	PERMANENT IDENTIFICATION MARKER

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 23855 JANE ELIZABETH HENDRICK 9-1-26

Georgia Power

EXISTING CONDITIONS/FINAL GRADING PLAN

CLOSURE DRAWINGS

FOR

GEORGIA POWER

PLANT YATES

INACTIVE CCR LANDFILL - R6 CCR LANDFILL

COWETA COUNTY, GEORGIA

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11545 Wills Road
Suite 100
Alpharetta, GA 30009

PROJ. NO.	I054-107-R6	DWG.	EDIT
SCALE	1" = 200'	SHEET 4 OF 9	
	SEPTEMBER 2026		

P:\Industrial\I054-Southern Company\I07-Plant Yates CCR Permitting\3 - CCR Permit R6\1-Drawings\I054-107-R6-004 (Existing).dwg 9/1/26 HOPE MACK

MONTH	TEMPORARY SEED	RATE/ACRE	RATES/1,000 SQFT.	
			FERTILIZER	LIME STONE
JANUARY	RYEGRASS	40–50 lb.	12 lb(10–10–10)	45 lb
FEBRUARY	RYEGRASS	40–50 lb.	12 lb(10–10–10)	45 lb
MARCH	RYE ANNUAL LESPEDEZA WEEPING LOVEGRASS	2–3 bu. 20–25 lb. 4–6 lb.	12 lb(10–10–10) 35 lb(6–12–12) 12 lb(10–10–10)	45 lb 45 lb 45 lb
APRIL	RYE BROWN TOP MILLET ANNUAL LESPEDEZA SUDAN GRASS	2–3 bu. 30–40 lb. 20–25 lb. 35 lb.	12 lb(10–10–10) 12 lb(10–10–10) 35 lb(6–12–12) 35 lb(6–12–12)	 45 lb 45 lb 45 lb
MAY	WEEPING LOVEGRASS SUDAN GRASS BROWN TOP MILLET	4–6 lb. 35 lb. 30–40 lb.	12 lb(10–10–10) 35 lb(6–12–12) 12 lb(10–10–10)	45 lb 45 lb 45 lb
JUNE	WEEPING LOVEGRASS SUDAN GRASS BROWN TOP MILLET	4–6 lb. 35 lb. 30–40 lb.	12 lb(10–10–10) 35 lb(6–12–12) 12 lb(10–10–10)	45 lb 45 lb
JULY	WEEPING LOVEGRASS SUDAN GRASS BROWN TOP MILLET	4–6 lb. 35 lb. 30–40 lb.	12 lb(10–10–10) 35 lb(6–12–12) 12 lb(10–10–10)	45 lb 45 lb
AUGUST	RYEGRASS WEEPING LOVEGRASS	40–50 lb. 35 lb.	12 lb(10–10–10) 12 lb(10–10–10)	45 lb
SEPTEMBER	RYEGRASS TALL FESCUE	40–50 lb. 30–50 lb.	12 lb(10–10–10) 35 lb(6–12–12)	45 lb 45 lb
OCTOBER	WHEAT	2–3 bu.	12 lb(10–10–10)	45 lb
NOVEMBER	WHEAT	2–3 bu.	12 lb(10–10–10)	45 lb
DECEMBER	RYE RYEGRASS WHEAT	2–3 bu. 40–50 lb. 2–3 bu.	12 lb(10–10–10) 12 lb(10–10–10) 12 lb(10–10–10)	45 lb 45 lb 45 lb

TEMPORARY GRASSING — Ds2

PERMANENT SEED	RATE/ACRE	RATES/1,000 SQUARE FEET		
		FERTILIZER	LIME STONE	MAINTENANCE
UNHULLED BERMUDA SERICEA LESPEDEZA	8–10 lb. 30–40 lb.	12 lb(10–10–10) 35 lb(6–12–12)	45 lb 45 lb	10 lb(10–10–10) 10 lb(10–10–10)
UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE	8–10 lb. 30–40 lb. 30–50 lb.	12 lb(10–10–10) 35 lb(6–12–12) 35 lb(6–12–12)	45 lb 45 lb 45 lb	10 lb(10–10–10) 10 lb(10–10–10) 10 lb(10–10–10)
UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE	8–10 lb. 30–40 lb. 30–50 lb.	12 lb(10–10–10) 35 lb(6–12–12) 35 lb(6–12–12)	45 lb 45 lb 45 lb	10 lb(10–10–10) 10 lb(10–10–10) 10 lb(10–10–10)
WEEPING LOVEGRASS HULLED BERMUDA BAHIA	4–6 lb. 5–6 lb. 40–60 lb.	12 lb(10–10–10) 12 lb(10–10–10) 35 lb(6–12–12)	45 lb 45 lb 45 lb	10 lb(10–10–10) 10 lb(10–10–10) 10 lb(10–10–10)
WEEPING LOVEGRASS HULLED BERMUDA BAHIA	4–6 lb. 5–6 lb. 40–60 lb.	12 lb(10–10–10) 12 lb(10–10–10) 35 lb(6–12–12)	45 lb 45 lb 45 lb	10 lb(10–10–10) 10 lb(10–10–10) 10 lb(10–10–10)
WEEPING LOVEGRASS HULLED BERMUDA BAHIA	4–6 lb. 5–6 lb. 40–60 lb.	12 lb(10–10–10) 12 lb(10–10–10) 35 lb(6–12–12)	45 lb 45 lb 45 lb	10 lb(10–10–10) 10 lb(10–10–10) 10 lb(10–10–10)
WEEPING LOVEGRASS SUDAN GRASS BROWN TOP MILLET	4–6 lb. 35 lb. 30–40 lb.	12 lb(10–10–10) 35 lb(6–12–12) 12 lb(10–10–10)	45 lb 45 lb 45 lb	10 lb(10–10–10) 10 lb(10–10–10) 10 lb(10–10–10)
HULLED BERMUDA BAHIA	5–6 lb. 40–60 lb.	12 lb(10–10–10) 35 lb(6–12–12)	45 lb 45 lb	10 lb(10–10–10) 10 lb(10–10–10)
TALL FESCUE	30–50 lb.	35 lb(6–12–12)	45 lb	10 lb(10–10–10)
UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE	8–10 lb. 30–40 lb. 30–50 lb.	12 lb(10–10–10) 35 lb(10–10–10) 35 lb(6–12–12)	45 lb 45 lb 45 lb	10 lb(10–10–10) 10 lb(10–10–10) 10 lb(10–10–10)
UNHULLED BERMUDA FESCUE SERICEA LESPEDEZA	8–10 lb. 30–50 lb. 30–40 lb.	12 lb(10–10–10) 35 lb(10–10–10) 35 lb(6–12–12)	45 lb 45 lb 45 lb	10 lb(10–10–10) 10 lb(10–10–10) 10 lb(10–10–10)
UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE	8–10 lb. 30–40 lb. 30–50 lb.	12 lb(10–10–10) 35 lb(10–10–10) 35 lb(6–12–12)	45 lb 45 lb 45 lb	10 lb(10–10–10) 10 lb(10–10–10) 10 lb(10–10–10)

PERMANENT GRASSING — Ds3

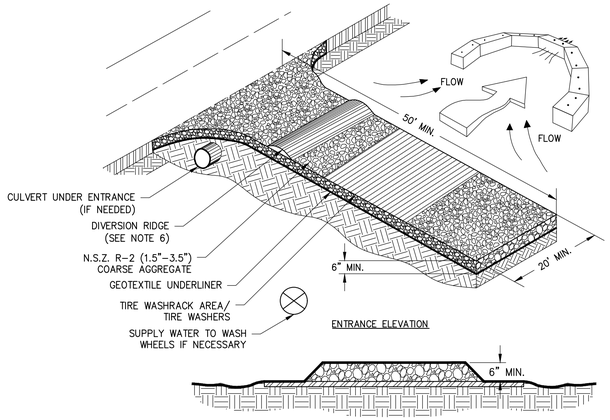
SITE PREPARATION:
1. GRADE TO PERMIT THE USE OF EQUIPMENT FOR APPLYING AND ANCHORING MULCH.
2. INSTALL NEEDED EROSION CONTROL MEASURES AS REQUIRED SUCH AS DIKES, DIVERSIONS, BERMS, TERRACES AND SEDIMENT BARRIERS.
3. LOOSEN COMPACT SOIL TO A MINIMUM DEPTH OF 3 INCHES.

MATERIALS:
1. DRY STRAW/HAY – 2 TO 4 INCHES DEEP, PROVIDING COMPLETE SOIL COVERAGE
2. WOOD WASTE (CHIPS/SAWDUST/BARK) – 2 TO 3 INCHES DEEP
3. CUTBACK ASPHALT – 1200 GALLONS PER ACRE (1/4 GALLON PER SQUARE YARD)
4. POLYETHYLENE FILM – SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR TEMPORARY PROTECTION.

MULCHING — Ds1

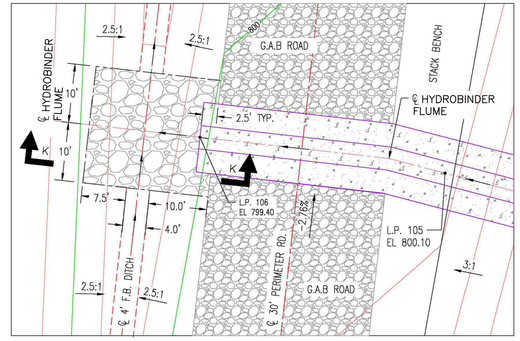
CRITICAL WORK ZONE - EROSION CONTROL NOTES

SHADED AREAS SHOWN ON GRADING PHASE EROSION CONTROL PLANS REPRESENT CRITICAL WORK ZONES. AT THE END OF EACH WORK DAY, ALL SLOPES 2:1 OR STEEPER AND HIGHER THAN 5 FEET SHALL RECEIVE SURFACE ROUGHENING, POLYMERS, AND EROSION CONTROL MATTING. ADDITIONALLY, ALL FILL SLOPES SHALL RECEIVE A DIVERSION DIKE AND TEMPORARY DOWN DRAINS ALONG THE TOP OF THE SLOPE PREVENTING DRAINAGE SPILLING OVER THE EDGE AND DOWN THE FACE OF THE SLOPE. THE TEMPORARY DOWN DRAINS SHALL BE CONSTRUCTED WITH PERFORATED STAND PIPES AT THE TOP OF THE SLOPE AND RECONSTRUCTED EACH DAY AS THE SLOPE INCREASES IN HEIGHT.

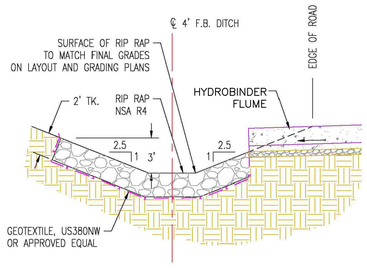


NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"–3.5" STONE).
4. GRAVEL PAD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

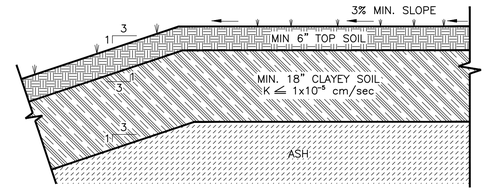
CONSTRUCTION EXIT — Co
N.T.S.



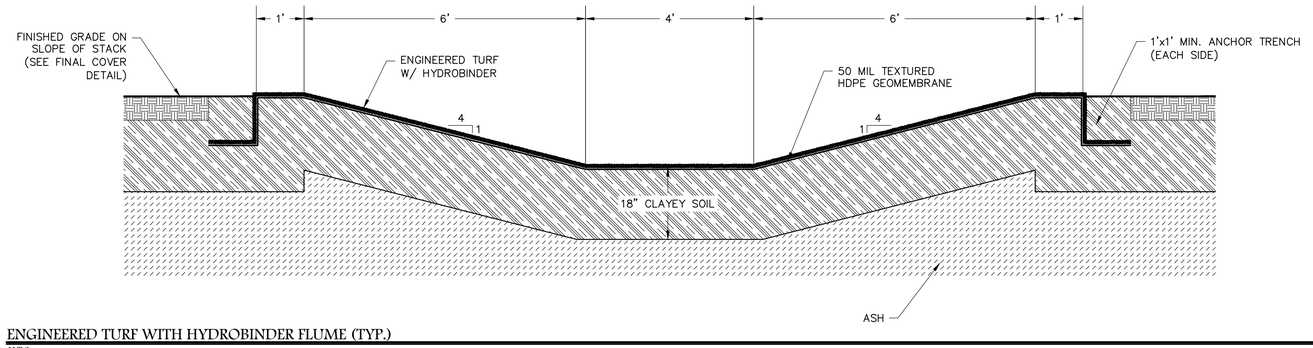
TYPICAL DETAIL PLAN VIEW OF RIP RAP LINED DITCH AT HYDROBINDER FLUME OUTFALL
SCALE: 1" = 10'



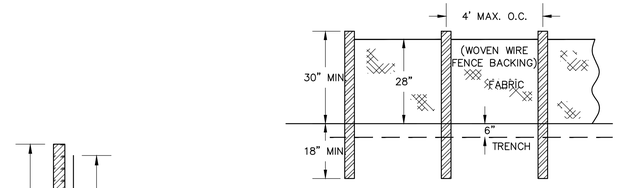
SECTION K-K
SCALE: 1" = 5'



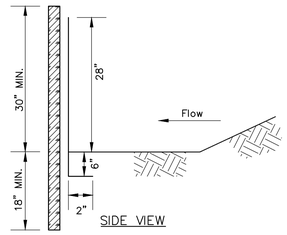
FINAL COVER DETAIL (TYP.)
N.T.S.



ENGINEERED TURF WITH HYDROBINDER FLUME (TYP.)
N.T.S.



FRONT VIEW



SIDE VIEW

NOTE:
USE 36" D.O.T. APPROVED FABRIC.
USE STEEL POSTS.–ONLY (1.3 LB/FT. MIN.)

MAINTENANCE NOTES:
1. SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE HALF THE ORIGINAL HEIGHT OF THE BARRIER
2. FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF THE FABRIC IS REDUCED.
3. TEMPORARY SEDIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.
4. ALL SEDIMENT ACCUMULATED AT THE BARRIER SHALL BE REMOVED AND PROPERLY DISPOSED OF BEFORE THE BARRIER IS REMOVED.
5. JOINTS OF SILT FENCE SECTIONS SHALL A MINIMUM OF 18 INCHES OVERLAP
6. WHEN TWO ROWS OF SILT FENCE ARE REQUIRED, THEY SHALL BE INSTALLED A MINIMUM OF 36" APART.

TYPE "S" SILT FENCE DETAIL — Sd1-S
N.T.S.

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 21855 KIMBERLY ELIZABETH HEDRICK 9-1-26

Georgia Power

DETAILS

CLOSURE DRAWINGS
FOR
GEORGIA POWER
PLANT YATES
INACTIVE CCR LANDFILL - R6 CCR LANDFILL
COWETA COUNTY, GEORGIA

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Alpharetta, GA 30009

PROJ. NO.	I054-107-R6	DWG.	EDIT
SCALE	N/A	SHEET 5 OF 9	
SEPTEMBER 2026			

P:\Vocational\I054-Southern Company\107-Plant Yates CCR Permitting\3 - CCR Permit R6\1-Drawings\I054-107-R6-005 (E&S Details).dwg 9/1/26 HDPE MAX

NOTES:

GENERAL NOTES

1. THE FOLLOWING SOIL PARAMETERS HAVE BEEN USED IN THE DESIGN OF THE SHEET PILE WALL:
   - 1.1. SAND FILL
     - 1.1.1. UNIT WEIGHT = 120 PCF
     - 1.1.2. FRICTION ANGLE = 28 DEGREE
     - 1.1.3. COHESION = 0 PSF
   - 1.2. ASH
     - 1.2.1. UNIT WEIGHT = 105 PCF
     - 1.2.2. FRICTION ANGLE = 25 DEGREE
     - 1.2.3. COHESION = 0 PSF
   - 1.3. PWR
     - 1.3.1. UNIT WEIGHT = 135 PCF
     - 1.3.2. FRICTION ANGLE = 38 DEGREE
     - 1.3.3. COHESION = 350 PSF
   - 1.4. SILTY SAND RESIDUAL
     - 1.4.1. UNIT WEIGHT = 125 PCF
     - 1.4.2. FRICTION ANGLE = 32 DEGREE
     - 1.4.3. COHESION = 50 PSF
2. A SURCHARGE OF 250 PSF HAS BEEN INCLUDED BEHIND THE WALL.
3. THE WALL HAS BEEN DESIGNED IN ACCORDANCE WITH FHWA GEOTECHNICAL ENGINEERING CIRCULAR #4.
4. REVISIONS MAY BE MADE DURING CONSTRUCTION. REVISIONS WILL BE SUBMITTED ON AS–BUILT DRAWINGS.
5. OBSTRUCTIONS – DRILLING THROUGH OBSTRUCTIONS IS NOT INCLUDED IN THIS SCOPE. IF DRILLING OBSTRUCTIONS (FOUNDATIONS, FILL, BOULDERS, ABANDONED UTILITIES, ETC.) ARE ENCOUNTERED, HBI WILL PERFORM ADDITIONAL WORK REQUIRED AT NEGOTIATED PRICING.
6. DEWATERING – DEWATERING IS ANTICIPATED IN THE DESIGN, SEE TABLES FOR ASSUMED GROUND WATER ELEVATIONS.
7. VIBRATIONS – IF REQUIRED, ADDITIONAL PROTECTION OF THE EXISTING STRUCTURES/UTILITIES WILL BE PROVIDED BY OTHERS. HBI HAS NOT BEEN PROVIDED ANY INFORMATION ON THE DESIGN OR CONSTRUCTION OF THE EXISTING STRUCTURES.
8. MONITORING – ANY CRACK SURVEYS (PRE OR POST CONSTRUCTION), INSTRUMENTATION, SURVEYING, ETC. TO MONITOR THE ADJACENT STRUCTURES WILL BE PROVIDED BY OTHERS.
9. DRAINAGE – CONTRACTOR SHALL INSTALL AND MAINTAIN DRAINAGE MEASURES TO DRAIN WATER AWAY FROM THE TOP AND BOTTOM OF THE WALL FOR THE DURATION OF THE WALL LIFE. THIS MAY BE ACCOMPLISHED BY GRADING, SWALES, BERMS, SAND BAGGING, ETC.
10. WORKING LIFTS – HBI 'S PROPOSAL IS BASED ON THE CONTRACTOR PROVIDING A FLAT WORKING BOTTOM FOR EACH LIFT OF LAGGING.
11. FALL PROTECTION – CONTRACTOR WILL INSTALL AND MAINTAIN TEMPORARY AND/OR PERMANENT FALL PROTECTION FOR THE GRADE SEPARATION AT THE TOP OF THE RETAINING WALLS.

CODES AND STANDARDS

THE FOLLOWINC CODES AND STANDARDS SHALL BE UTILIZED TO ESTABLISH MINIMUM LEVELS OF QUALITY AND CONSTRUCTION TECHNIQUES.
1. GENERAL
   - A. FHWA GEOTECHNICAL ENGINEERINC CIRCULAR #4.
   - B. POST–TENSIONING INSTITUTE (PTI) "RECOMMENDATIONS FOR PRESTRESSED ROCK AND SOILANCHORS", 4TH EDITON, 2004.
2. STRUCTURAL STEEL
   - A. AMERICAN INSTITUTE OF STEEL CONSTRUCTION, "MANUAL OF STEEL CONSTRUCTION – ALLOWABLE STRESS DESIGN (ASO)," (AISC) NINTH EDITION.

MISC. MATERIALS

1. MATERIALS
   MISC. STRUCTURAL STEEL, SHEETS AND PLATE – ASTM A572 GRADE 50.
2. WELDS SHOWN ON STRUCTURAL DRAWINGS ARE MINIMUM DESIGN REQUIREMENTS.
5. REMOVE RUST, DIRT, PAINT AND GALVANZING FROM STEEL PRIOR TO WELDING.
4. NO OPENINGS SHALL BE CUT IN STRUCTURAL MEMBERS.

MISCELLANEOUS

1. FIELD VERIFY ALL DIMENSIONS AND JOB SITE CONDITIONS PRIOR TO BEGINNING WORK. ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY.
2. EXISTING UTILITIES SUCH AS CONDUIT, PIPING AND UTILITY LINES WHICH INTERFERE WITH THE INSTALLATION OF THE NEW WALL SHALL BE LOCATED PRIOR TO THE START OF CONSTRUCTION.
3. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, CONTACT THE ENGINEER BEFORE CONTINUING WITH CONSTRUCTION.

CONSTRUCTION SEQUENCE

EXCAVATION:
1. INSTALL SHEET PILES.
2. INSTALL DEWATERING AND LOWER WATER TABLE TO ELEVATION 720'.
3. INSTALL TOE TIES, IF REQUIRED.
4. EXCAVATE TO ELEVATION 725'.
3. INSTALL AND STRESS ANCHOR LEVEL 1.
6. EXCAVATE TO ELEVATION 720'.
7. INSTALL SECOND DEWATERNG AND LOWER WATER TO ELEVATION 705'.
8. EXCAVATE TO ELEVATION 710' OR BOTTOM OF ASH IF ABOVE ELEVATION 710'.
9. INSTALL AND STRESS ANCHOR LEVEL 2.
10. EXCAVATE TO BOTTOM OF ASH, MINIMUM ELEVATION OF 700'.

ANCHOR ACCEPTANCE CRITERIA

TEST ANCHORS SHALL BE CONSIDERED ACCEPTABLE IF RESULTS MEET ALL FOLLOWING REQUIREMENTS.
1. THE MINIMUM APPARENT FREE LENGTH IS 80% OF THE ACTUAL FREE LENGTH OR GREATER.
2. CREEP FROM 1–10 MINUTES IS LESS THAN 0.040 INCHES OR CREEP FROM 6–60 MINUTES IS LESS THAN 0.080 INCHES.
3. THE MAXIMUM APPARENT FREE LENGTH OF THE ANCHOR IS 100 OF ACTUAL FREE LENGTH PLUS 50% OF THE BOND LENGTH, OR LESS. HOWEVER, ANCHORS WITH LONGER APPARENT FREE LENGTHS SHALL NOT BE REJECTED IF THE CAUSE OF THE BEHAVIOR HAS BEEN INVESTIGATED AND CAN BE SATISFACTORILY EXPLAINED.
4. APPARENT FREE LENGTH IS DEFINED AS (At*Es*δe)/P, WHERE;
   - At = CROSS SECTION AREA OF TENDON
   - Es = MODULUS OF ELASTICITY OF THE STEEL
   - δe = ELASTIC MOVEMENT (TOTAL ANCHOR MOVEMENT – RESIDUAL MOVEMENT)
   - P = TEST LOAD – ALIGNMENT LOAD.

ANCHORS

1. MATERIALS
   - A. STRAND SHALL CONFORM TO ASTM A416, INCLUDING THE SUPPLEMENTARY REQUIREMENT S1, AND SHALL BE WELDLESS, LOW RELAXATION GRADE..
   - B. GROUT FOR THE ANCHORS SHALL BE NEAT CEMENT GROUT WITH A MINIMUM UNCONFINED COMPRESSIVE STRENGTH OF 3,000 PSI @ 28 DAYS, AND SHALL HAVE A MAXIMUM W/C RATIO OF 0.45.
2. ANCHORS SHALL BE INSTALLED AND TESTED IN GENERAL ACCORDANCE WITH PTI RECOMMENDATIONS.
3. ANCHORS SHALL HAVE CENTRALIZERS AT 15'–0" O.C. AND NO MORE THAN 10'–0" FROM EACH END. CENTRALIZERS SHALL BE CONSTRUCTED FROM MATERIAL THAT IS NON–DELETERIOUS TO THE GROUT OR TENDON, WOOD IS SPECIFICALLY PROHIBITED.
4. ANCHOR BORE HOLES SHALL BE GROUTED USING THE TREMIE METHOD UNTIL CLEAN GROUT IS RETURNED TO THE SURFACE.

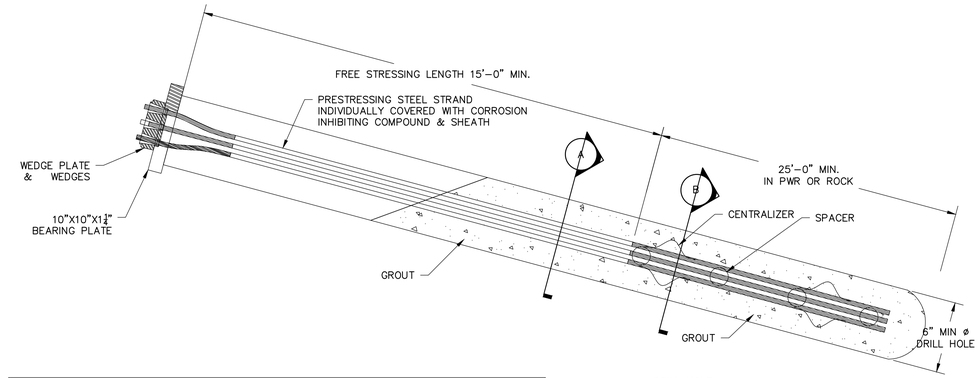
ANCHOR PERFORMANCE TEST PROCEDURE

1. PERFORMANCE TESTING SHALL BE PERFORMED ON THE FIRST PRODUCTION ANCHOR AND 5% OF THE REMAINING ANCHORS.
2. THE LOAD SHALL BE MAINTAINED AT EACH INTERVAL UNTIL THE MOVEMENT STABILIZES OR FOR THE MINIMUM TIME SHOWN, WHICHEVER IS GREATER.
3. EACH PERFORMANCE TEST ANCHOR SHALL BE LOADED AS FOLLOWS.

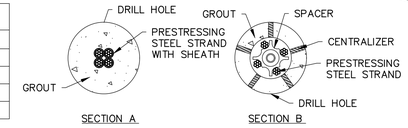
CYCLE	LOAD	HOLD
1	AL	
	0.25P	2 MINUTES
2	AL	
	0.25P	2 MINUTES
	0.50P	2 MINUTES
3	AL	
	0.25P	2 MINUTES
	0.50P	2 MINUTES
	0.75P	2 MINUTES
4	AL	
	0.25P	2 MINUTES
	0.50P	2 MINUTES
	0.75P	2 MINUTES
	1.00P	2 MINUTES
5	AL	
	0.25P	2 MINUTES
	0.50P	2 MINUTES
	0.75P	2 MINUTES
	1.00P	2 MINUTES
	1.20P	2 MINUTES
	1.33P	HOLD FOR CREEP TEST
	AL	

WHERE AL = 10B P
AND P = 105 KIPS FOR 3 STRANDS
P = 140 KIPS FOR 4 STRANDS
P = 175 KIPS FOR 5 STRANDS
P = 210 KIPS FOR 6 STRANDS

4. THE TEST ANCHOR SHALL BE MONITORED FOR CREEP AT THE 1.33P LOAD INCREMENT. TOTAL ELONGATIONS SHALL BE RECORDED AT 1,2,3,4,5,6,10. IF THE CREEP MOVEMENT BETWEEN 1 AND 10 MINUTES EXCEEDS 0.040 INCHES THE TEST LOAD SHALL BE MAINTAINED FOR AN ADDITIONAL 50 MINUTES AND THE MOVEMENT READINGS SHALL BE RECORDED AT 20,30,40,50,60 MINUTES.
5. AFTER A SUCCESSFUL PERFORMANCE TEST, THE ANCHOR SHALL BE RE––STRESSED TO DESIGN LOAD OR LOCKED–OFF LOAD AS SHOWN IN THE TABLE, AND LOCKED–OFF. A LIFT–OFF TEST SHALL BE PERFORMED TO DETERMINE THE LOAD IN THE ANCHOR (SEE PROOF TEST PROCEDURE).

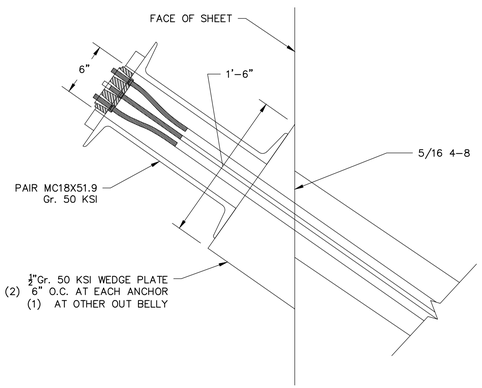


ANCHOR TABLE		
#STRAND	BOND LENGTH IN PWR (ft)	DESIGN/LOCKOFF LOAD
3	15	105.48 kips
4	20	140.64 kips
5	25	175.80 kips
6	30	210.96 kips



CLASS II PROTECTION - STRAND ANCHOR

N.T.S.



ANCHOR HEAD DETAIL

N.T.S.

TEMPORARY SHEET PILE EARTH RETENTION TYPICAL SECTION

N.T.S.

GEORGIA REGISTERED PROFESSIONAL ENGINEER ELIZABETH HEADRICK 9-1-26

Georgia Power

DETAILS

CLOSURE DRAWINGS

FOR

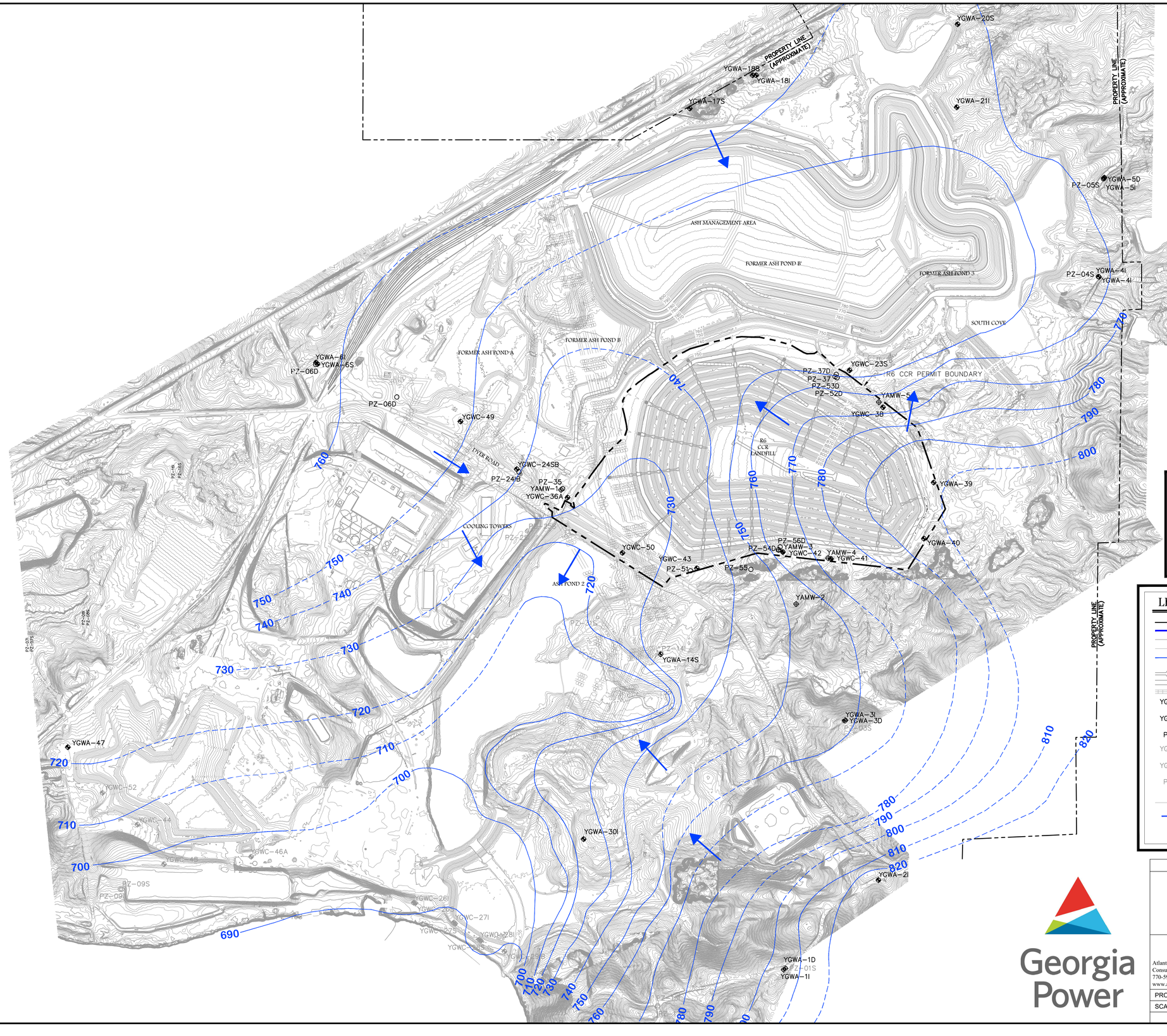
GEORGIA POWER
PLANT YATES
INACTIVE CCR LANDFILL - R6 CCR LANDFILL
COWETA COUNTY, GEORGIA

Atlantic Coast Consulting, Inc.
770-594-5998
www.atlcc.net

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Alpharetta, GA 30009

PROJ. NO.	I054-107-R6	DWG.	EDIT
SCALE	N/A	SHEET 6 OF 9	
SEPTEMBER 2026			

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NOTES:

1. EXISTING PLANT YATES AERIAL TOPOGRAPHY PROVIDED BY GEORGIA POWER DATED JULY 26, 2021.
2. POTENTIOMETRIC SURFACE CONTOURS, GROUNDWATER ELEVATIONS, AND GROUNDWATER FLOW DIRECTIONS ARE DERIVED FROM FIGURE 6, SITEWIDE GROUNDWATER ELEVATION MAP, AUGUST 2025, FROM THE 2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT, PLANT YATES AP-3, A, B, B', AND R6 CCR LANDFILL, NEWNAN, GEORGIA BY ARCADIS, DATED JANUARY 30, 2026.

LEGEND

EXISTING	DESCRIPTION
	CCR PERMIT BOUNDARY
10	10' CONTOUR
	2' CONTOUR
800	GROUNDWATER ELEVATION CONTOUR (DASHED LINE WHERE INFERRED)
	CONCRETE FLUME
	PAVED ROAD
	RAILROAD
YGWA-43	R6/AMA GROUNDWATER DETECTION WELL
YGWA-43	R6/AMA GROUNDWATER ASSESSMENT WELL
PZ-13S	R6/AMA PIEZOMETER
YGWA-43	GROUNDWATER DETECTION WELL NOT ASSOCIATED W/ R6/AMA
YGWA-43	GROUNDWATER ASSESSMENT WELL NOT ASSOCIATED W/ R6/AMA
PZ-13S	PIEZOMETER NOT ASSOCIATED W/ R6/AMA
OHP	OVERHEAD POWER LINE
	GROUNDWATER FLOW DIRECTION

GEORGIA REGISTERED PROFESSIONAL ENGINEER ELIZABETH HEADRICK 9-1-26

HARRY M. JONES IV No. 2141 GEORGIA REGISTERED PROFESSIONAL GEOLOGIST

Georgia Power

ENVIRONMENTAL MONITORING PLAN

CLOSURE DRAWINGS

FOR

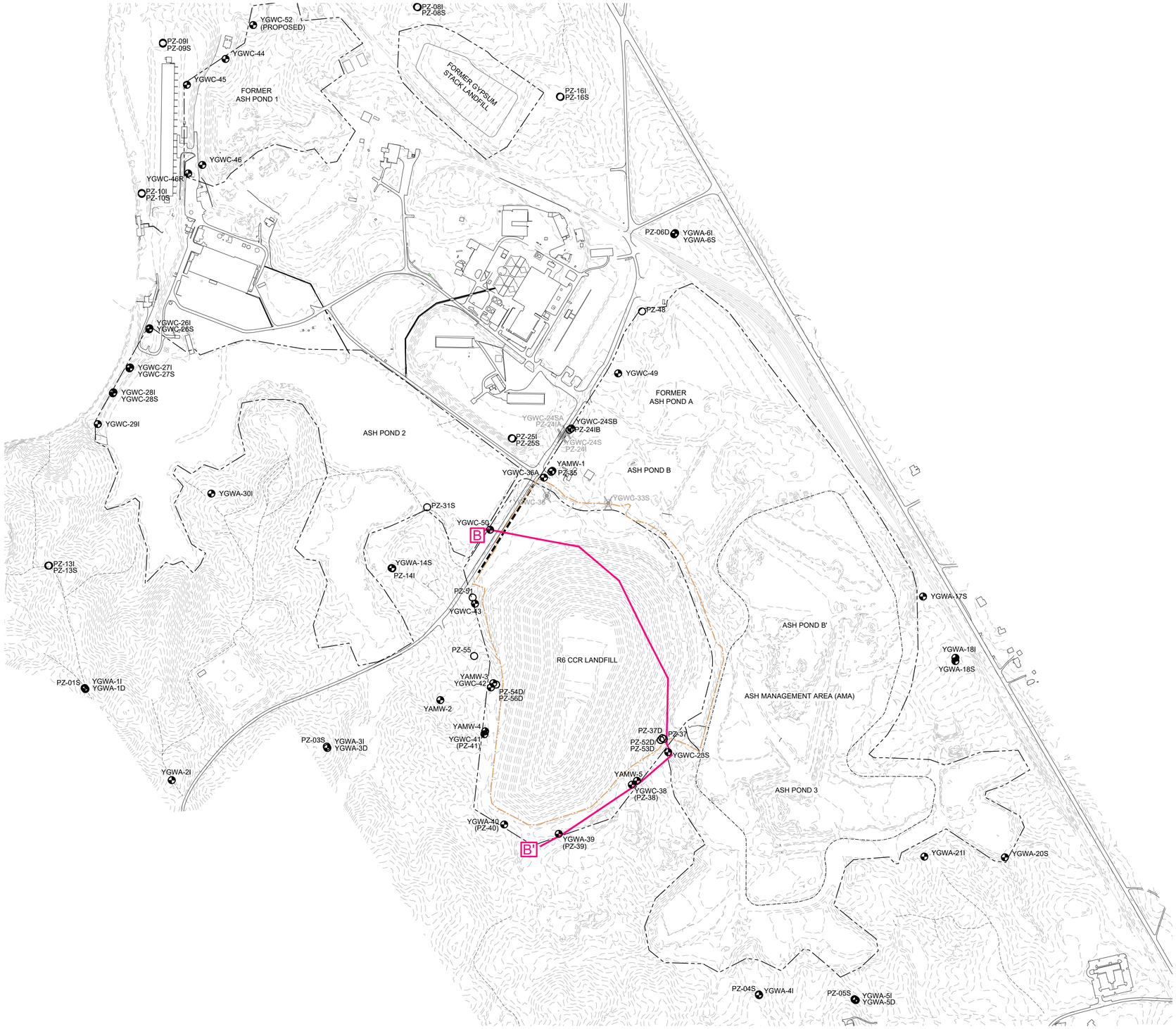
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Suite 100
Alpharetta, GA 30009

PROJ. NO.	I054-107-R6	DWG.	EDIT
SCALE	1" = 250'	SHEET 7 OF 9	
	SEPTEMBER 2026		

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LEGEND:

- EXISTING GRADE
- GROUNDWATER MONITORING WELL
- PEIZOMETER
- TEST BORING
- ABANDONED WELL
- B — CROSS-SECTION
- DYER ROAD SHEET PILE WALL
- BOUNDARY PER D&O PLAN
- EXTENT OF ASH MANAGEMENT AREA FINAL COVER
- LIMIT OF CLAY COVERAGE

0 800' 1,600'

GRAPHIC SCALE

CROSS SECTION B PLAN

CLOSURE DRAWINGS

FOR

GEORGIA POWER

PLANT YATES

INACTIVE CCR LANDFILL - R6 CCR LANDFILL

COWETA COUNTY, GEORGIA

GEORGIA REGISTERED No. PE027801 PROFESSIONAL ENGINEER

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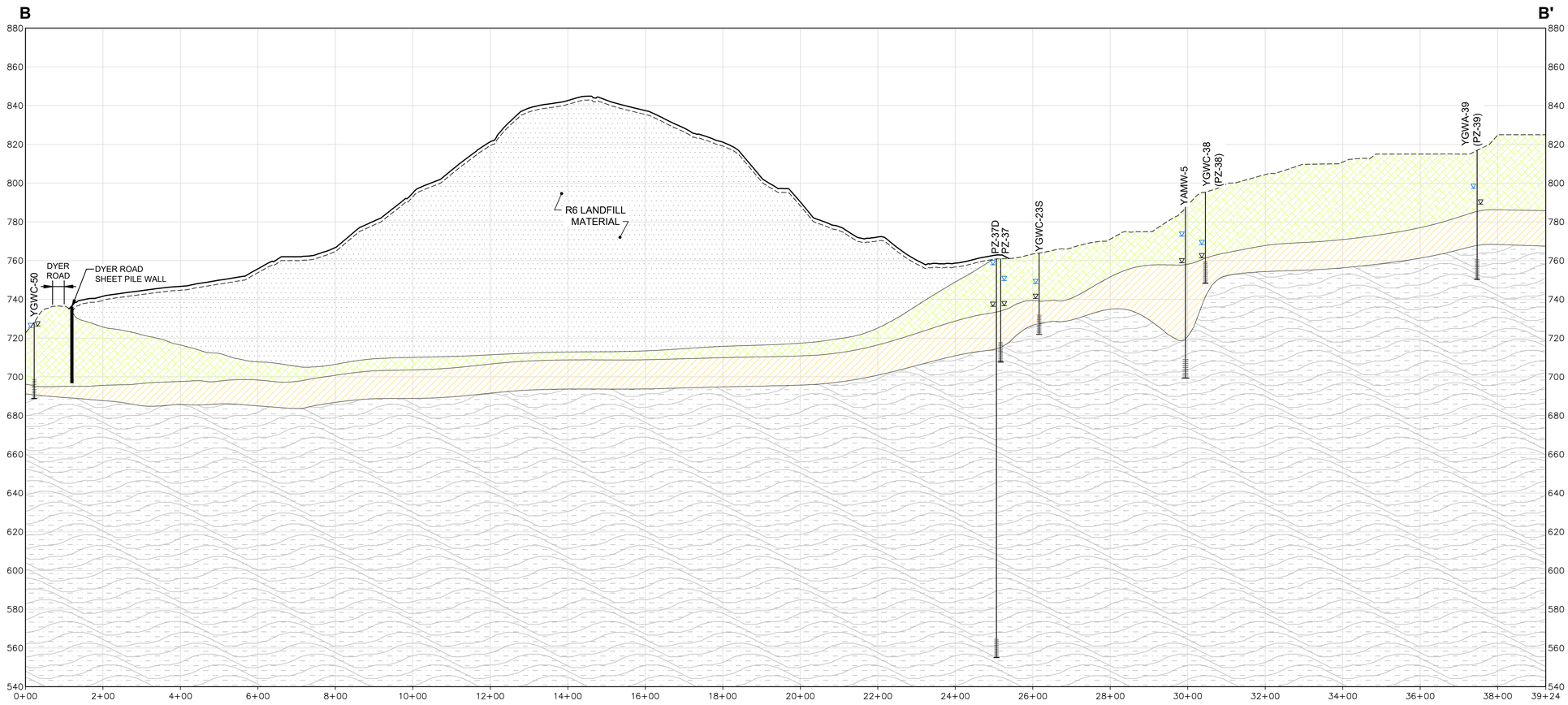
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JUNE 2026			

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LEGEND:

- WELL SCREEN
- WATER LEVEL (FEB 2025)
- ADVANCED ENGINEERING MEASURE ACTIVE WATER LEVEL (GENERATED THROUGH MODELING)
- COVER SYSTEM

SAPROLITE:

SILTY SAND - LIGHT BROWN TO TAN FIRE-MEDIUM GRAINED SAND WITH SILT. LOOSE

TRANSITION ZONE:

HIGHLY WEATHERED AND HIGHLY FRACTURED BIOTITE GNEISS, GRANITIC GNEISS, AND MICA SCHIST. FINE TO COARSE SAND AND GRAVEL PRESENT

BEDROCK:

BEDROCK (UNDIFFERENTIATED) - UNDIFFERIATED BIOTITE GNEISS, GRANITIC GNEISS, AND MICA SCHIST. MODERATELY TO INTENSELY FOLIATED

0 300' 600'

HORIZONTAL SCALE

0 60' 120'

VERTICAL SCALE (5x EXAGGERATED)

GEORGIA REGISTERED No. PEO27801 PROFESSIONAL ENGINEER

Georgia Power

CROSS SECTION B

CLOSURE DRAWINGS

FOR

GEORGIA POWER

PLANT YATES

INACTIVE CCR LANDFILL - R6 CCR LANDFILL

COWETA COUNTY, GEORGIA

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