

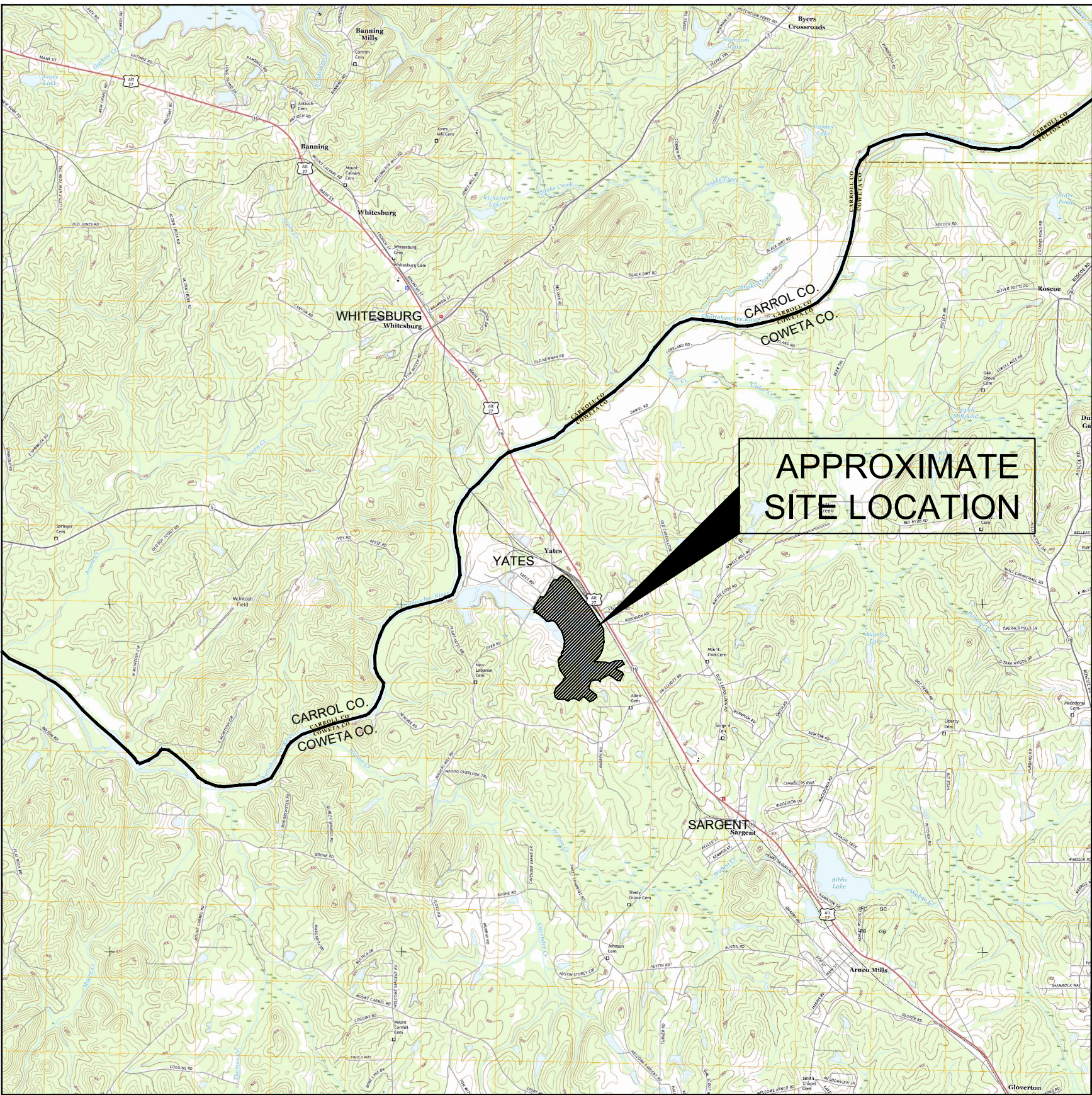
CLOSURE DRAWINGS
FOR
GEORGIA POWER
PLANT YATES - ASH MANAGEMENT AREA
COWETA COUNTY, GEORGIA
AUGUST 2026

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



Atlantic Coast Consulting, Inc.
1150 Northmeadow Pkwy, Suite 100, Roswell, GA 30076
770-594-5998



REVISION HISTORY

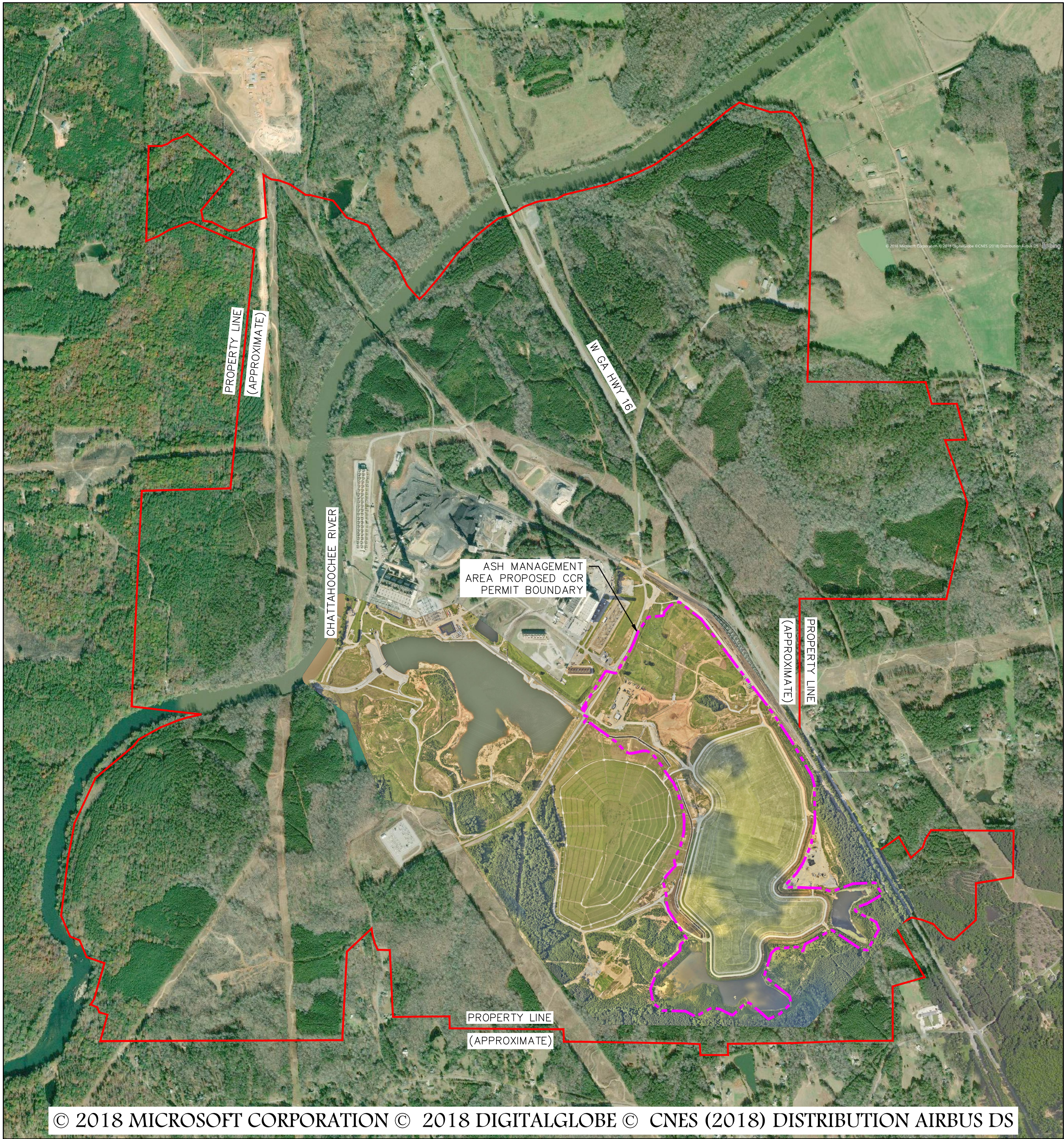
DATE	SHEETS	REQUESTED BY

INDEX OF DRAWINGS

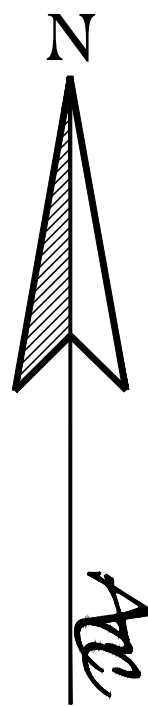
SHEET NO.	DESCRIPTION
1	COVER
2	PROPERTY BOUNDARY & LEGEND
3	PERMIT BOUNDARY & LEGAL DESCRIPTION
4	EXISTING CONDITIONS
5	FINAL GRADING PLAN
6	SECTION A
7	SECTION B
8	EROSION & SEDIMENTATION CONTROL PLAN
9	EROSION CONTROL DETAILS
10	CLOSURE DETAILS
11	AEM SUBSURFACE DRAIN DETAILS
12	TOE DRAIN DETAILS
13	ENVIRONMENTAL MONITORING PLAN



P:\Industrial\104-Southern Company\107-Plant Yates CCR Permitting\107-AMA-107-AMA-002 (industrial) 8/18/26 MATHEW TRUNNELL



SOURCE: BING MAP 2018 AND AERIAL PROVIDED BY SOUTHERN COMPANY 2025
SCALE: 1" = 1000'



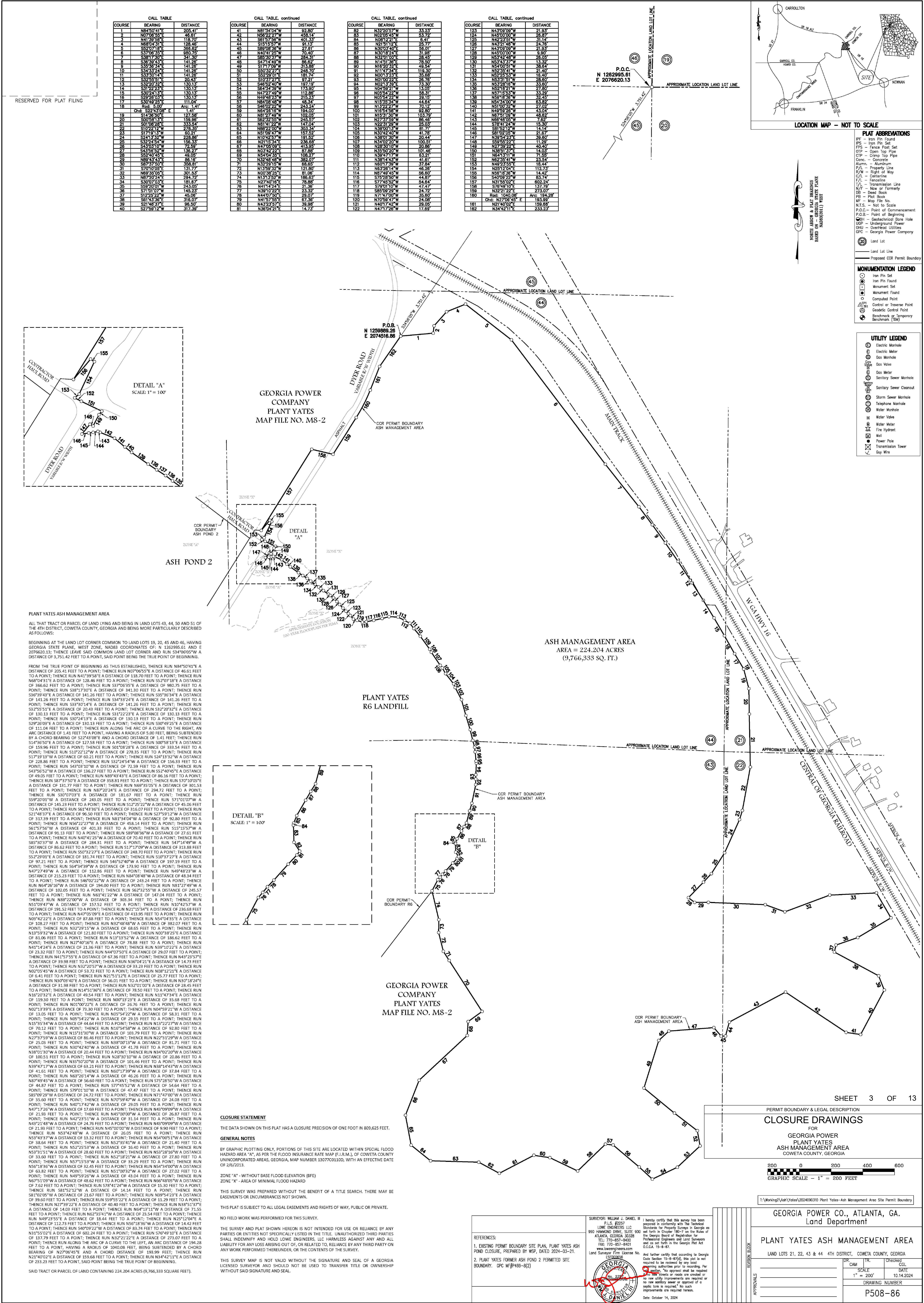
LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		APPROXIMATE PROPERTY BOUNDARY
		CCR PERMIT BOUNDARY
		10' CONTOUR
		2' CONTOUR
		PAVED ROAD
		TOE DRAIN
		TREE LINE
		RAILROAD
		APPROXIMATE LIMIT OF FORMER POND
		EXTENT OF FINAL COVER
		SUBSURFACE DRAIN
		GROUNDWATER MONITORING WELL
		PIEZOMETER
		CLOSURETURF @ PRESSURE RELEASE VALVE
		AREAS TO BE CAPPED
		PROPOSED TRANSMISSION AREA
		OVERHEAD POWER LINE
		POWER POLE
		TRANSMISSION LINE TOWER
		PERMANENT IDENTIFICATION MARKER
		INSTALLED CLEANOUT APPROXIMATE LOCATION
		INSTALLED PUMP RISER APPROXIMATE LOCATION

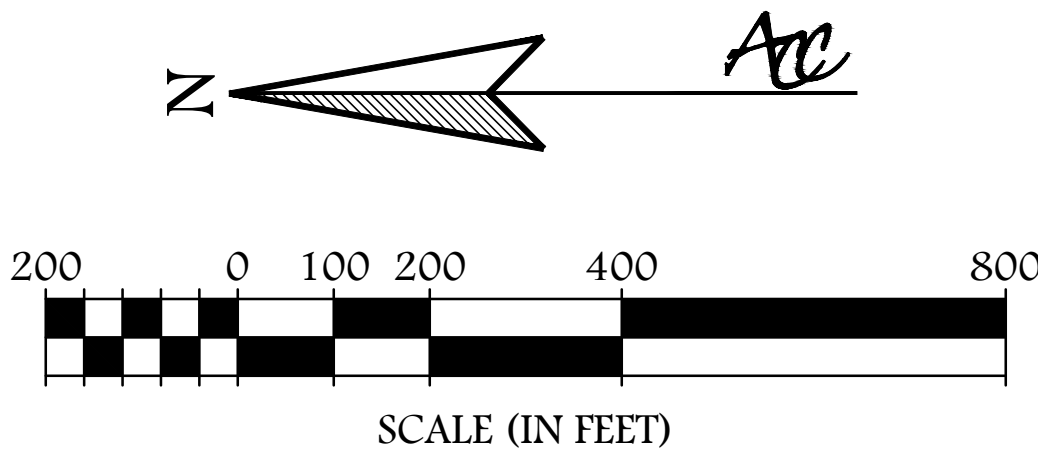
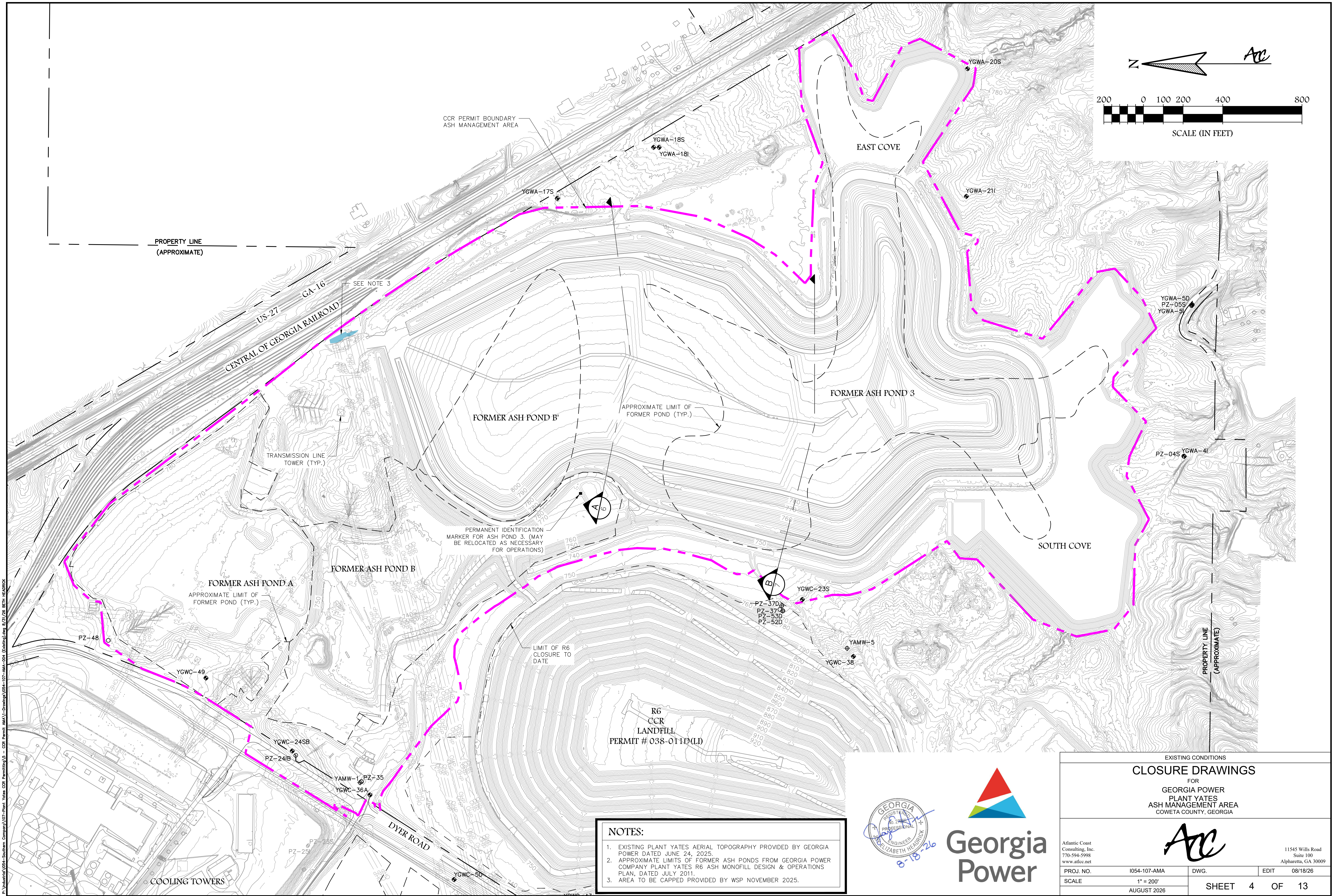
GENERAL NOTES:

- EXISTING PLANT YATES AERIAL TOPOGRAPHY PROVIDED BY GEORGIA POWER DATED MAY 26, 2017.
- PROPERTY BOUNDARY SHOWN PROVIDED BY SOUTHERN COMPANY SERVICES IN ELECTRONIC FORMAT AND IS APPROXIMATE.
- ALL DESIGN BY OTHERS. THESE PLANS ARE A DEPICTION OF THE CLOSURE OF THE ASH MANAGEMENT AREA BY CONSOLIDATION OF CCR AND CLOSURE IN PLACE.
- 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.
- 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.
- 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.
- 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.

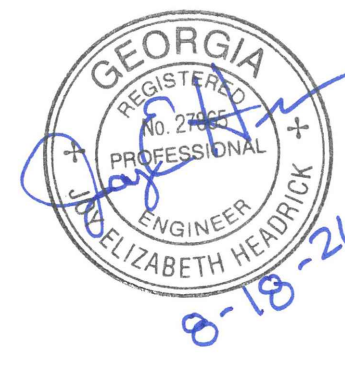


PROPERTY BOUNDARY & LEGEND				
CLOSURE DRAWINGS				
FOR				
GEORGIA POWER				
PLANT YATES				
ASH MANAGEMENT AREA				
COWETA COUNTY, GEORGIA				
Atlantic Coast Consulting, Inc. 770-594-5998 www.atcc.net				
11545 Wills Road Suite 100 Alpharetta, GA 30009				
PROJ. NO.	I054-107-AMA	DWG.	EDIT	08/18/26
SCALE	1" = 1,000'			
AUGUST 2026				
		SHEET	2	OF 13



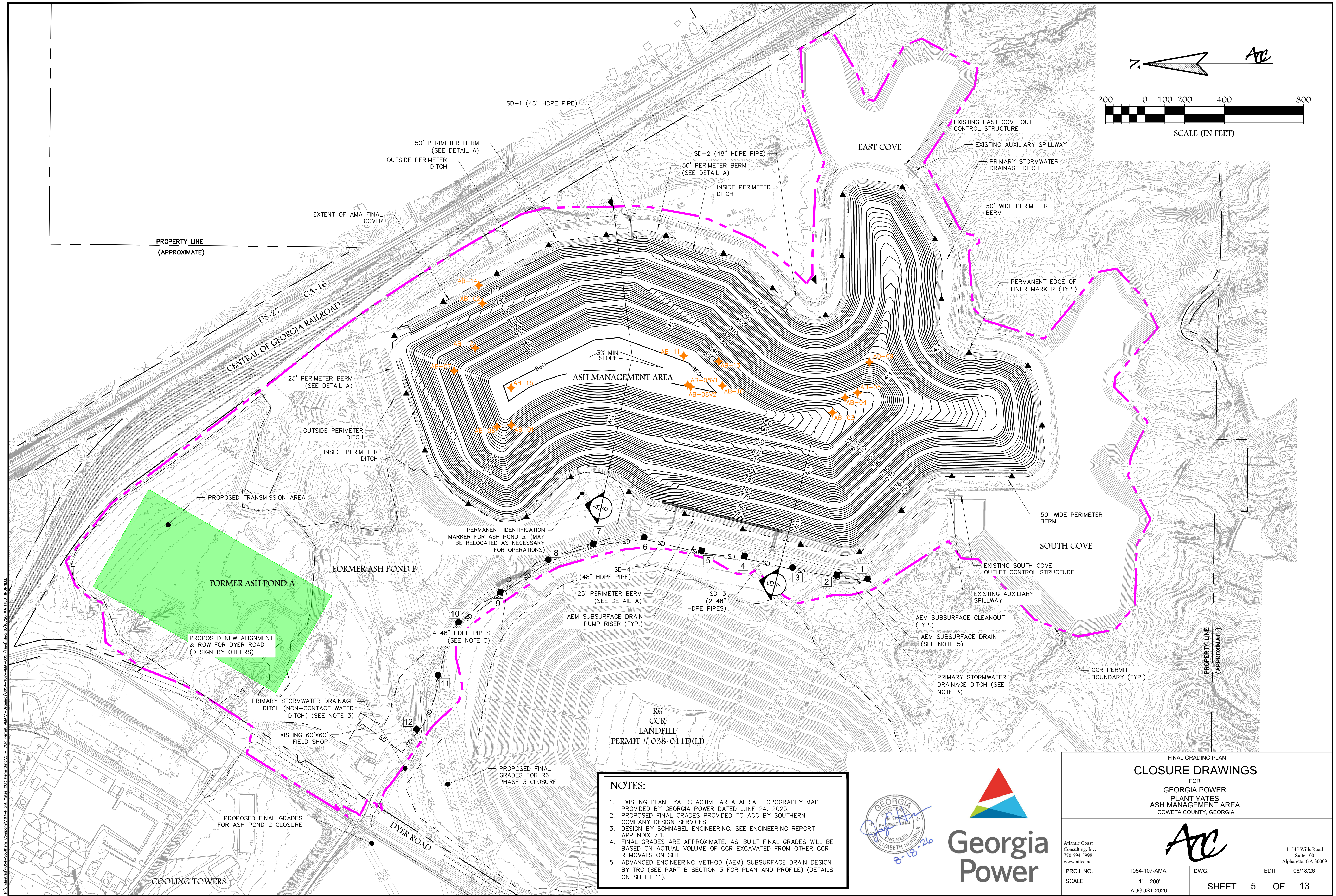


- NOTES:**
1. EXISTING PLANT YATES AERIAL TOPOGRAPHY PROVIDED BY GEORGIA POWER DATED JUNE 24, 2025.
 2. APPROXIMATE LIMITS OF FORMER ASH PONDS FROM GEORGIA POWER COMPANY PLANT YATES R6 ASH MONOFILL DESIGN & OPERATIONS PLAN, DATED JULY 2011.
 3. AREA TO BE CAPPED PROVIDED BY WSP NOVEMBER 2025.



EXISTING CONDITIONS			
CLOSURE DRAWINGS			
FOR GEORGIA POWER PLANT YATES ASH MANAGEMENT AREA COWETA COUNTY, GEORGIA			
			
PROJ. NO.	I054-107-AMA	DWG.	EDIT 08/18/26
SCALE	1" = 200'	SHEET 4 OF 13	
AUGUST 2026			

P:\Industrial\054-Southern Company\107-Plant Yates CCR Permitting\3 - CCR Permit - AMA\1-Drawing\054-107-AMA-004_Closure.dwg 8/21/26 BETH HEARLICK



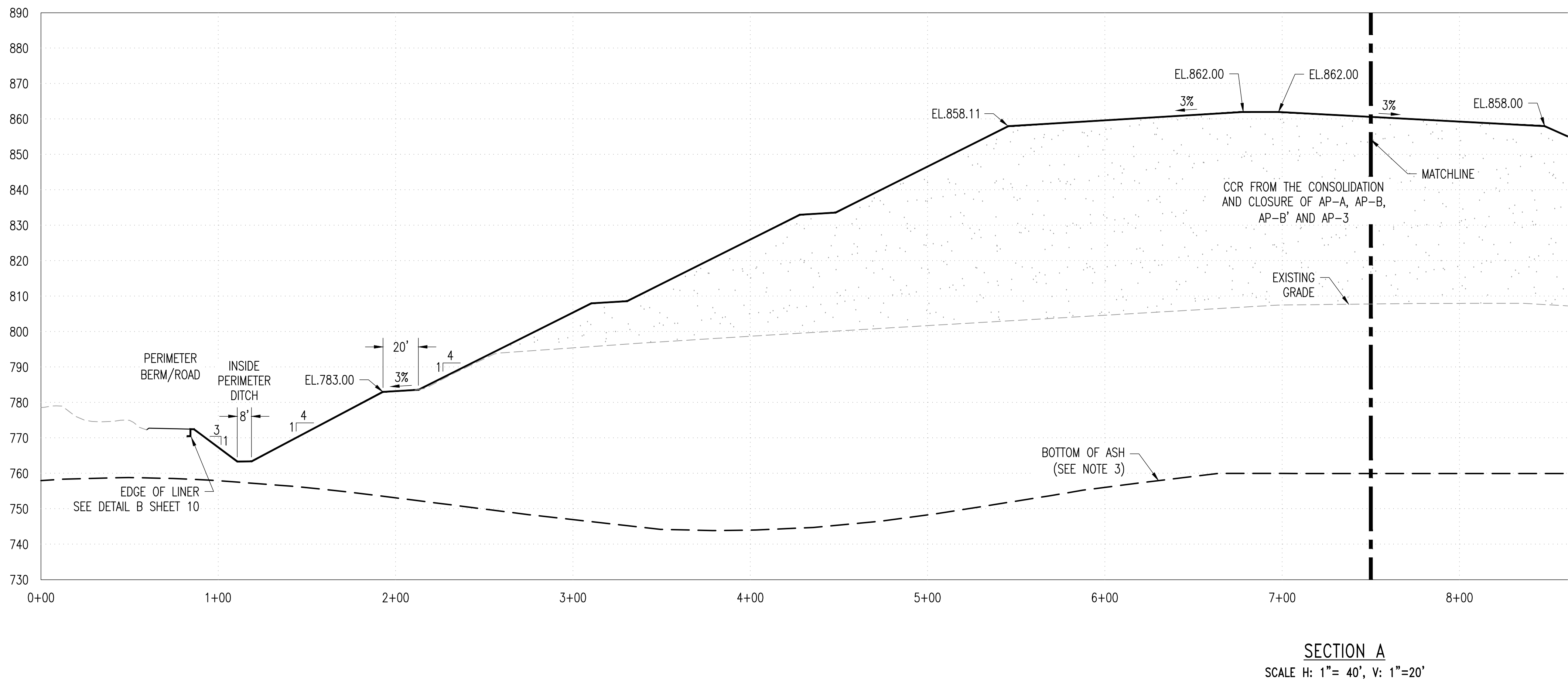
- NOTES:**
1. EXISTING PLANT YATES ACTIVE AREA AERIAL TOPOGRAPHY MAP PROVIDED BY GEORGIA POWER DATED JUNE 24, 2025.
 2. PROPOSED FINAL GRADES PROVIDED TO ACC BY SOUTHERN COMPANY DESIGN SERVICES.
 3. DESIGN BY SCHNABEL ENGINEERING. SEE ENGINEERING REPORT APPENDIX 7.1.
 4. FINAL GRADES ARE APPROXIMATE. AS-BUILT FINAL GRADES WILL BE BASED ON ACTUAL VOLUME OF CCR EXCAVATED FROM OTHER CCR REMOVALS ON SITE.
 5. ADVANCED ENGINEERING METHOD (AEM) SUBSURFACE DRAIN DESIGN BY TRC (SEE PART B SECTION 3 FOR PLAN AND PROFILE) (DETAILS ON SHEET 11).



FINAL GRADING PLAN			
CLOSURE DRAWINGS			
FOR GEORGIA POWER PLANT YATES ASH MANAGEMENT AREA COWETA COUNTY, GEORGIA			
Atlantic Coast Consulting, Inc. 770-594-5998 www.atlcc.net ACC 11545 Willis Road Suite 100 Alpharetta, GA 30009			
PROJ. NO.	I054-107-AMA	DWG.	EDIT 08/18/26
SCALE	1" = 200'	SHEET 5 OF 13	
AUGUST 2026			

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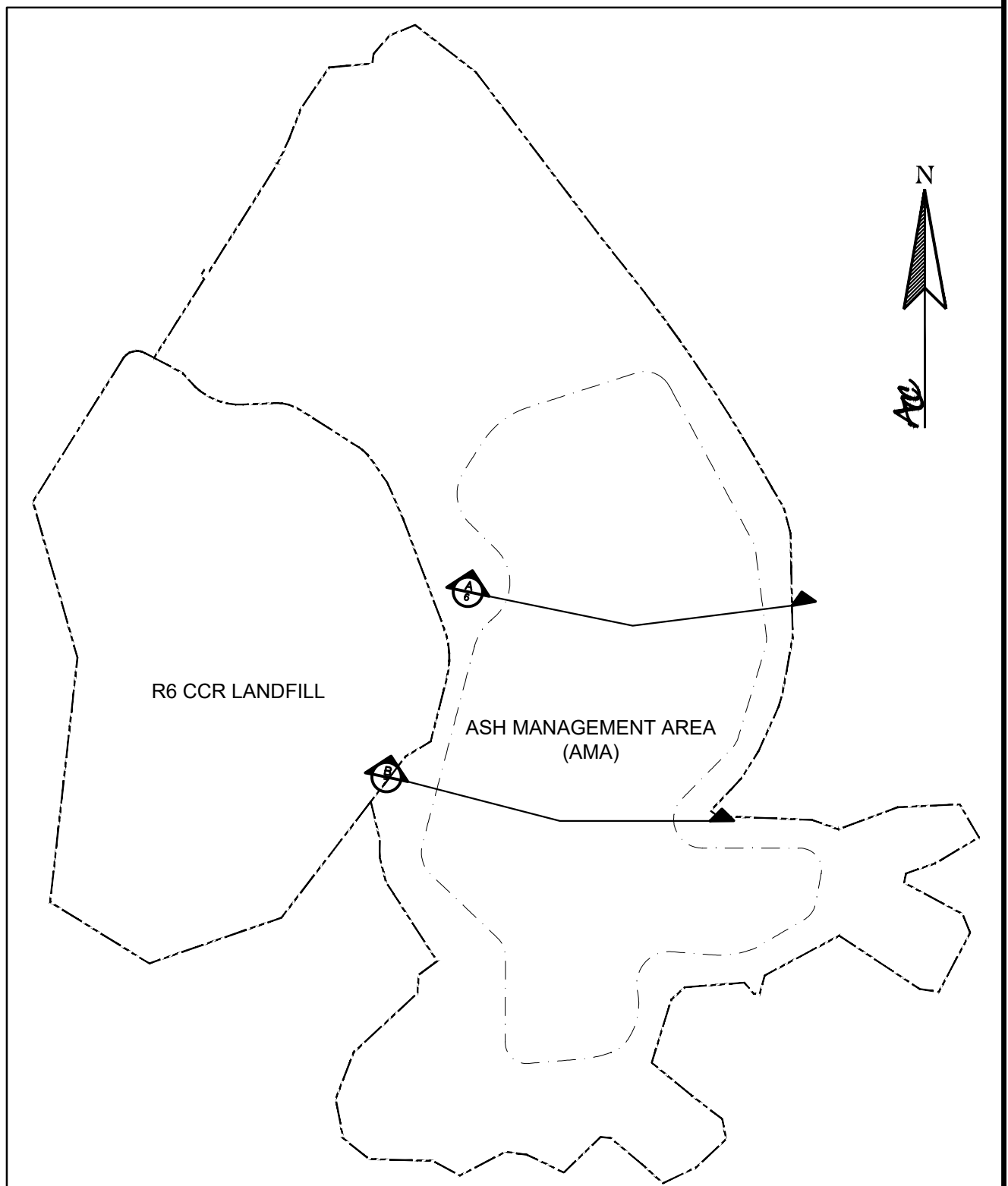
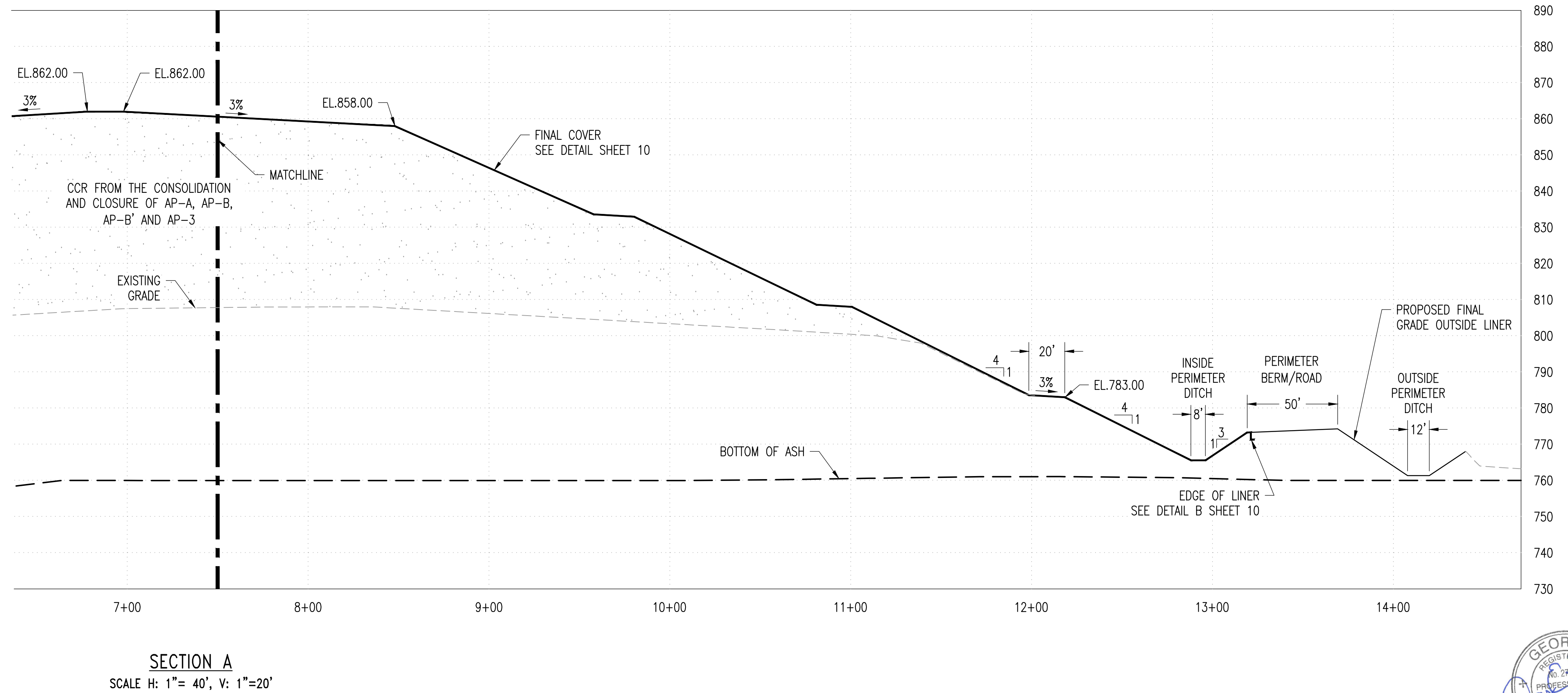
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NOTES:

1. EXISTING GROUND FROM PLANT YATES AERIAL TOPOGRAPHY PROVIDED BY GEORGIA POWER DATED JUNE 24, 2025.
2. THE ASH MANAGEMENT AREA IS CURRENTLY BEING CONSOLIDATED AND CLOSED IN PLACE AND CONTAINS CCR FROM ASH POND-1, ASH POND-2, ASH POND-A AND ASH POND-B. THE FINAL CONSOLIDATED FOOTPRINT OF THE ASH MANAGEMENT AREA WILL BE CONFINED BY THE PERIMETER BERM ROAD AND WILL BE CAPPED WITH CLOSURETURF FINAL COVER SYSTEM.
3. BOTTOM OF ASH SURFACE PROVIDED BY GEORGIA POWER SEPTEMBER 2025.

AMA SECTION KEY



SECTION A
CLOSURE DRAWINGS

FOR
GEORGIA POWER
PLANT YATES
ASH MANAGEMENT AREA
COWETA COUNTY, GEORGIA

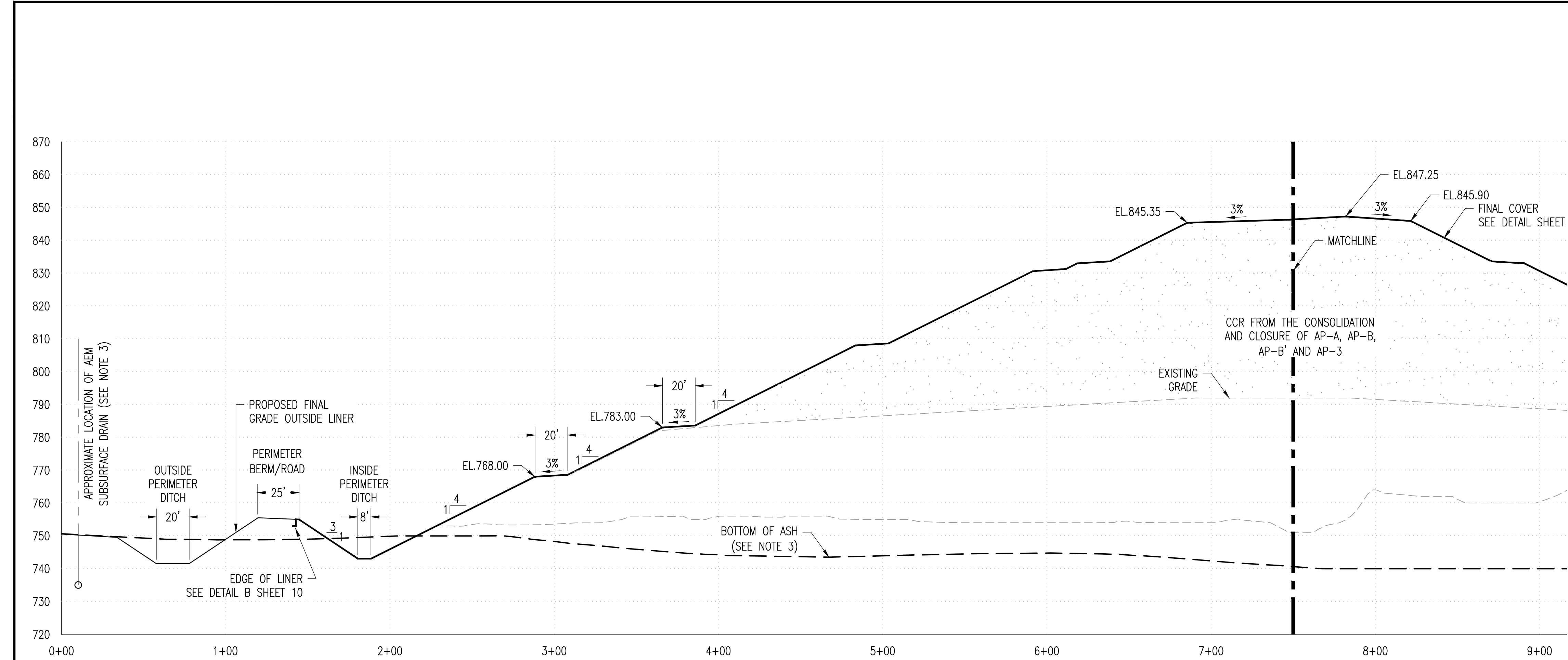
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ACC

11545 Wilks Road
Suite 100
Alpharetta, GA 30009

PROJ. NO.	I054-107-AMA	DWG.	EDIT	08/18/26
SCALE	N/A	SHEET 6 OF 13		
AUGUST 2026				

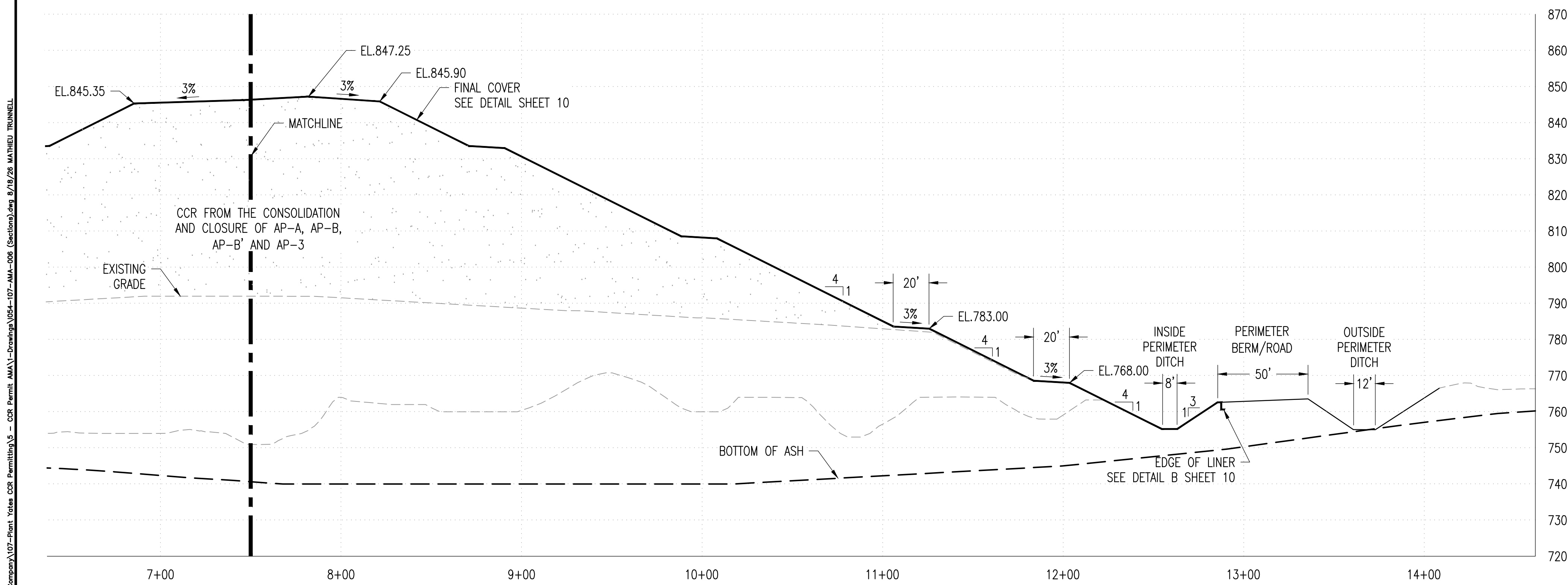
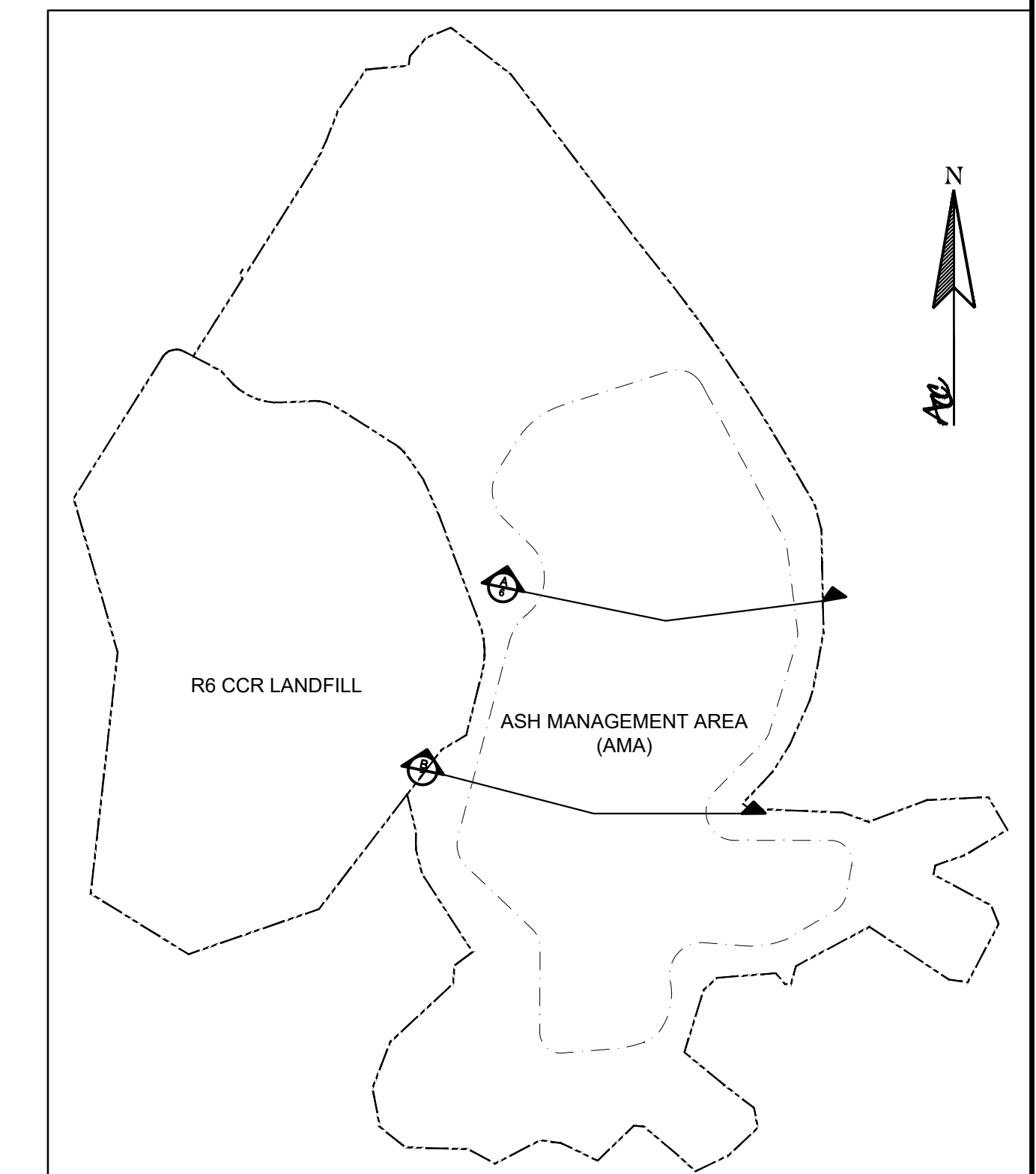




SECTION B
SCALE H: 1"= 40', V: 1"=20'

- NOTES:**
1. EXISTING GROUND FROM PLANT YATES AERIAL TOPOGRAPHY PROVIDED BY GEORGIA POWER DATED JUNE 24, 2025.
 2. THE ASH MANAGEMENT AREA IS CURRENTLY BEING CONSOLIDATED AND CLOSED IN PLACE AND CONTAINS CCR FROM ASH POND-1, ASH POND-2, ASH POND-A AND ASH POND-B. THE FINAL CONSOLIDATED FOOTPRINT OF THE ASH MANAGEMENT AREA WILL BE CONFINED BY THE PERIMETER BERM ROAD AND WILL BE CAPPED WITH CLOSURETURF FINAL COVER SYSTEM.
 3. BOTTOM OF ASH SURFACE PROVIDED BY GEORGIA POWER SEPTEMBER 2025.

AMA SECTION KEY

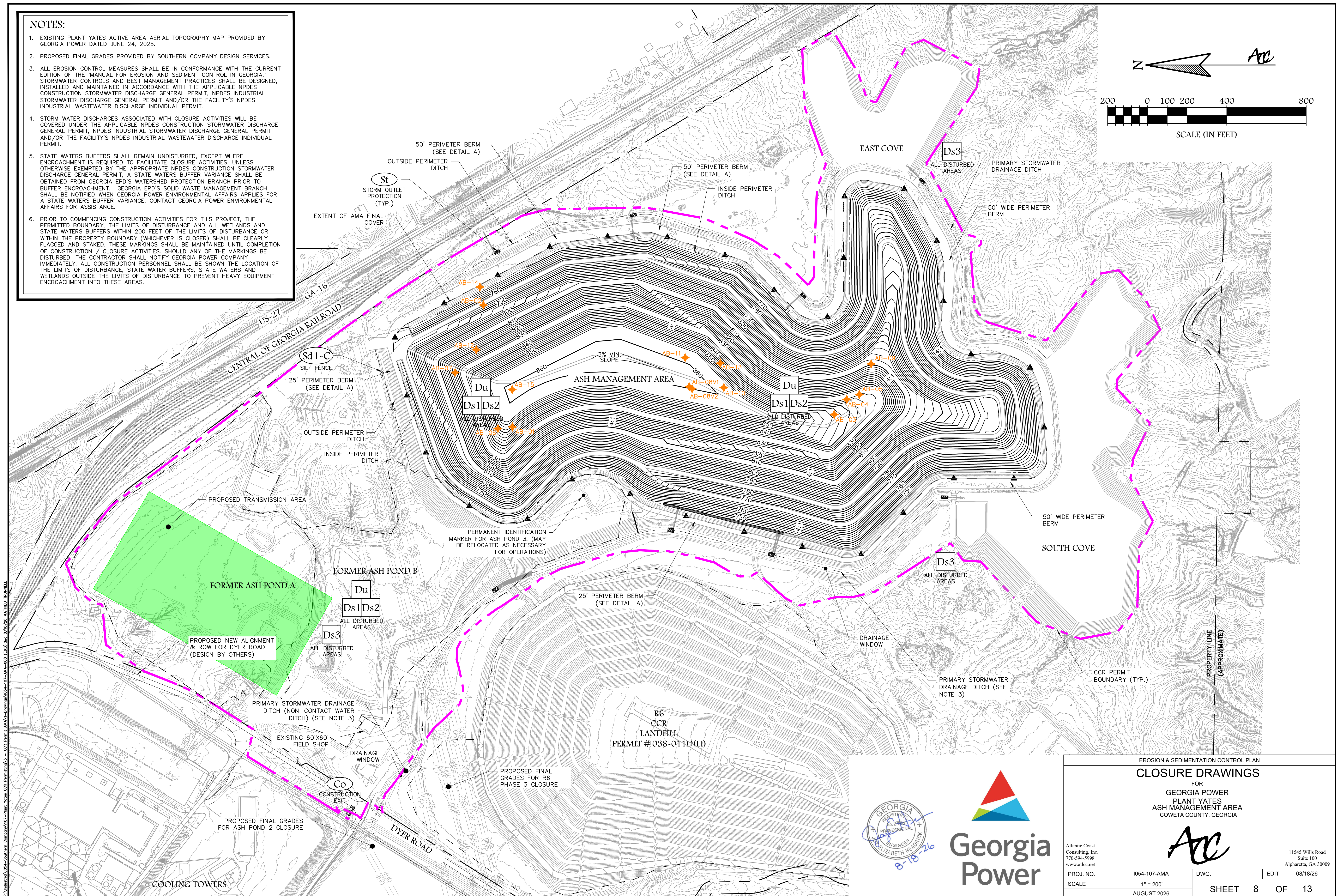


SECTION B
SCALE H: 1"= 40', V: 1"=20'



SECTION B CLOSURE DRAWINGS FOR GEORGIA POWER PLANT YATES ASH MANAGEMENT AREA COWETA COUNTY, GEORGIA			
Atlantic Coast Consulting, Inc. 770-594-5998 www.atcc.net		11545 Wills Road Suite 100 Alpharetta, GA 30009	
PROJ. NO.	I054-107-AMA	DWG.	EDIT 08/18/26
SCALE	N/A	SHEET 7 OF 13	
AUGUST 2026			

1. EXISTING PLANT YATES ACTIVE AREA AERIAL TOPOGRAPHY MAP PROVIDED BY GEORGIA POWER DATED JUNE 24, 2025.
2. PROPOSED FINAL GRADES PROVIDED BY SOUTHERN COMPANY DESIGN SERVICES.
3. 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.
4. 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.
5. 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.
6. 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.



D:\Industrial\1054-Southern Company\107-Plant Yates CCR Permitting\5 - CCR Permit AMA\1-Drawings\054-107-AMA-008 (E&S).dwg 8/18/26 MATHIEU TRUNNELL

P:\Industrial\UG04-Southern Company\107-Plant Yates CDR Permits\107-AMA-009 (baldwin).dgn 8/10/26 MATHEU TRUNNELL

DEFINITION
APPLYING PLANT RESIDUES OR OTHER SUITABLE MATERIALS, PRODUCED ON THE SITE IF POSSIBLE, TO THE SOIL SURFACE.

REQUIREMENT FOR REGULATORY COMPLIANCE
MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF DISTURBANCE. MULCH CAN BE USED AS A SINGULAR EROSION CONTROL DEVICE FOR UP TO SIX MONTHS, BUT IT SHALL BE APPLIED AT THE APPROPRIATE DEPTH, DEPENDING ON THE MATERIAL USED, ANCHORED AND HAVE A CONTINUOUS 90% COVER OR GREATER OF THE SOIL SURFACE.

MAINTENANCE SHALL BE REQUIRED TO MAINTAIN APPROPRIATE DEPTH AND 90% COVER. TEMPORARY VEGETATION MAY BE EMPLOYED INSTEAD OF MULCH IF THE AREA WILL REMAIN UNDISTURBED FOR LESS THAN SIX MONTHS.

IF ANY AREA WILL REMAIN UNDISTURBED FOR GREATER THAN SIX MONTHS, PERMANENT VEGETATIVE TECHNIQUES SHALL BE EMPLOYED. REFER TO Ds2-DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING), AND Ds3 - DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING).

SPECIFICATIONS
MULCHING WITHOUT SEEDING:
THIS STANDARD APPLIES TO GRADED OR CLEARED AREAS WHERE SEEDING MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDANT COVER, BUT CAN BE STABILIZED WITH A MULCH COVER.

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.

MULCHING MATERIALS
SELECT ONE OF THE FOLLOWING MATERIALS AND APPLY AT THE DEPTH INDICATED:
1. DRY STRAW OR HAY SHALL BE APPLIED AT A DEPTH OF 2 TO 4 INCHES PROVIDING COMPLETE SOIL COVERAGE. ONE ADVANTAGE OF THIS MATERIAL IS EASY APPLICATION.
2. WOOD WASTE (CHIPS, SAWDUST OR BARK) SHALL BE APPLIED AT A

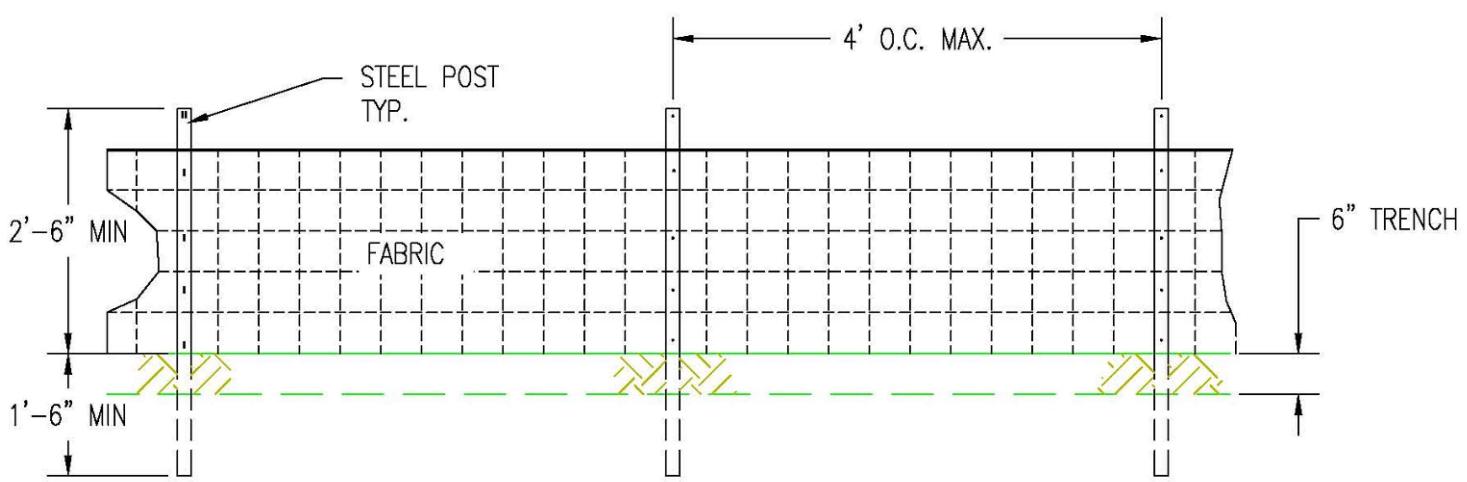
DEPTH OF 2 TO 3 INCHES. ORGANIC FROM THE CLEARING STAGE OF DEVELOPMENT REMAIN SITE, BE CHIPPED, AND APPLIED AS MULCH. THIS METHOD OF MULCHING CAN GREATLY REDUCE EROSION CONTROL COSTS.
3. POLYETHYLENE FILM SHALL BE SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR TEMPORARY PROTECTION. THIS MATERIAL CAN BE SALVAGED AND RE-USED.

APPLYING MULCH
WHEN MULCH IS USED WITHOUT SEEDING, MULCH SHALL BE APPLIED TO PROVIDE FULL COVERAGE OF THE EXPOSED AREA.
1. DRY STRAW OR HAY MULCH AND WOOD CHIPS SHALL BE APPLIED UNIFORMLY BY HAND OR BY MECHANICAL EQUIPMENT.
2. IF THE AREA WILL EVENTUALLY BE COVERED WITH PERENNIAL VEGETATION, 20-30 POUNDS OF NITROGEN PER ACRE IN ADDITION TO THE NORMAL AMOUNT SHALL BE APPLIED TO OFFSET THE UPTAKE OF NITROGEN CAUSED BY THE DECOMPOSITION OF THE ORGANIC MULCHES.
3. APPLY POLYETHYLENE FILM ON EXPOSED AREAS.

ANCHORING MULCH
1. STRAW OR HAY MULCH CAN BE PRESSED INTO THE SOIL WITH A DISK HARROW WITH THE DISK SET STRAIGHT OR WITH A SPECIAL "PACKER DISK." DISKS MAY BE SMOOTH OR SERRATED AND SHOULD BE 20 INCHES OR MORE IN DIAMETER AND 8 TO 12 INCHES APART. THE EDGES OF THE DISK SHOULD BE DULL ENOUGH NOT TO CUT THE MULCH BUT TO PRESS IT INTO THE SOIL LEAVING MUCH OF IT IN AN ERECT POSITION. STRAW OR HAY MULCH SHALL BE ANCHORED IMMEDIATELY AFTER APPLICATION. STRAW OR HAY MULCH SPREAD WITH SPECIAL BLOWER-TYPE EQUIPMENT MAY BE ANCHORED. TACKIFIERS, BINDERS AND HYDRAULIC MULCH WITH TACKIFIER SPECIFICALLY DESIGNED FOR TACKING STRAW CAN BE SUBSTITUTED FOR EMULSIFIED ASPHALT. REFER TO MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, LATEST EDITION, SPECIFICATION TAC-TACKIFIERS. PLASTIC MESH OF NETTING WITH MESH NO LARGER THAN ONE INCH BY ONE INCH SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. NETTING OF THE APPROPRIATE SIZE SHALL BE USED TO ANCHOR WOOD WASTE. OPENINGS OF THE NETTING SHALL NOT BE LARGER THAN THE AVERAGE SIZE OF THE WOOD WASTE CHIPS.
3. POLYETHYLENE FILM SHALL BE ANCHOR TRENCHED AT THE TOP AS WELL AS INCREMENTALLY AS NECESSARY.

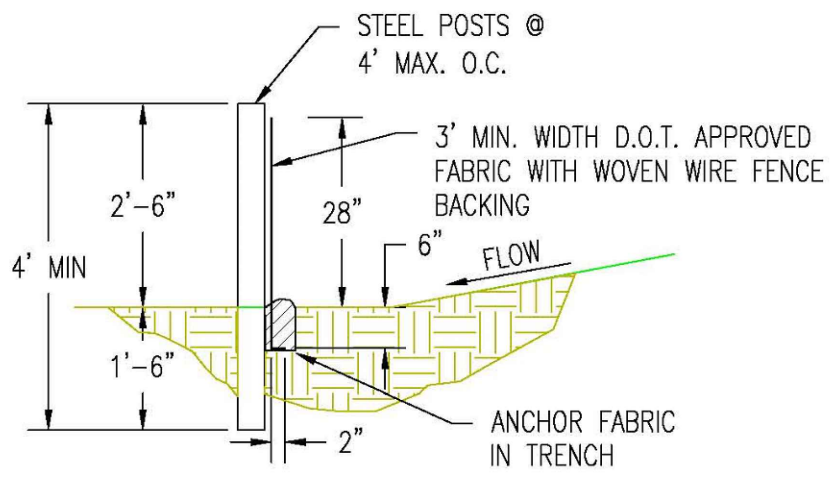
DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)

Ds1



TYPICAL SILT FENCE FRONT VIEW
N.T.S.

Sd1-C



MAINTENANCE:
THE SILT FENCE SHALL BE INSPECTED PERIODICALLY AND PROMPTLY REPAIRED OR REPLACED AS REQUIRED. FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT IT REDUCES THE EFFECTIVENESS OF THE FABRIC.

TYPICAL SILT FENCE DETAIL TYPE "C"
N.T.S.

Sd1-C

DEFINITION
TACKIFIERS ARE USED AS A TIE-DOWN FOR SOIL, COMPOST, SEED, STRAW, HAY OR MULCH. TACKIFIERS HYDRATE IN WATER AND READILY BLEND WITH OTHER SLURRY MATERIALS TO FORM A HOMOGENOUS SLURRY.

PURPOSE
TO REDUCE SOIL EROSION FROM WIND AND WATER ON CONSTRUCTION SITES. OTHER BENEFITS INCLUDE SOIL INFILTRATION, SOIL FERTILITY, ENHANCED SEED GERMINATION, INCREASED SOIL COHESION, ENHANCED SOIL STABILIZATION, REDUCED STORMWATER RUNOFF TURBIDITY AND REDUCTION IN LESS OF TOPSOIL.

CONDITIONS
THIS PRACTICE IS INTENDED FOR DIRECT SOIL SURFACE APPLICATION TO SITES WHERE THE TIMELY ESTABLISHMENT OF VEGETATION MAY NOT BE FEASIBLE OR WHERE VEGETATION COVER IS ABSENT OR INADEQUATE. SUCH AREAS INCLUDE CONSTRUCTION AREAS, WHERE PLANT RESIDUES ARE INADEQUATE TO PROTECT THE SOIL SURFACE AND WHERE LAND DISTURBING ACTIVITIES PREVENT THE ESTABLISHMENT OR MAINTENANCE OF A VEGETATIVE COVER.

CRITERIA
TYPE I TACKIFIERS: SYNTHETIC POLYMERS

Tac-1

- APPLICATION RATES SHALL CONFORM TO MANUFACTURER'S GUIDELINES FOR APPLICATION.
- ONLY ANIONIC FORMS OF PAM SHALL BE USED. ANIONIC PAMs SHALL BE NO MORE THAN 0.05% ACRYLAMIDE MONOMER BY WEIGHT, AS ESTABLISHED BY THE FOOD AND DRUG ADMINISTRATION AND THE ENVIRONMENTAL PROTECTION AGENCY.
- NOT HARMFUL TO PLANTS, ANIMALS AND AQUATIC LIFE.
- CONTAIN NO GROWTH OR GERMINATION INHIBITING MATERIALS.
- SHALL NOT REDUCE INFILTRATION RATES.

MAINTENANCE
TACKIFIED AREAS SHOULD BE CHECKED AFTER EVERY RAIN EVENT. PERIODIC INSPECTIONS AND REQUIRED MAINTENANCE MUST BE PROVIDED PER MANUFACTURER'S RECOMMENDATIONS.

TACKIFIERS Tac

DEFINITION
CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADS, AND DEMOLITION SITES.

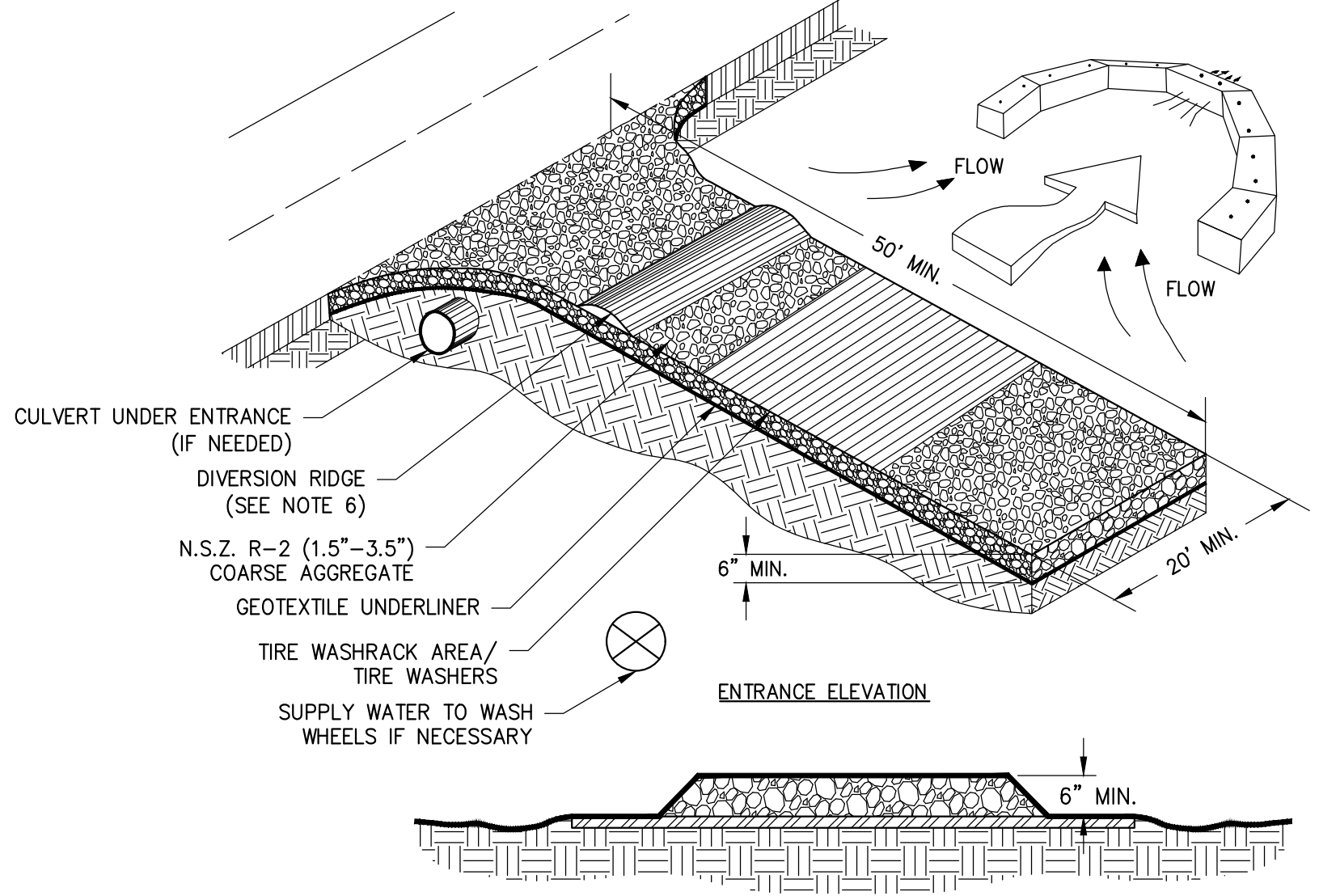
CONDITIONS
THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO SURFACE AND AIR MOVEMENT OF DUST WHERE ON AND OFF-SITE DAMAGE MAY OCCUR WITHOUT TREATMENT.

METHODS AND MATERIALS
A. TEMPORARY METHODS
MULCHES. SEE STANDARD Ds1 - DISTURBED AREA STABILIZATION (WITH MULCHING ONLY). SYNTHETIC RESINS MAY BE USED INSTEAD OF ASPHALT TO BIND MULCH MATERIAL. REFER TO SPECIFICATION TAC-TACKIFIERS IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, LATEST EDITION. RESINS SUCH AS CURASOL OR TERRATAK SHOULD BE USED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

VEGETATIVE COVER. SEE SPECIFICATION Ds2 - DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING) IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, LATEST EDITION.

S/RAU-ON ADHESIVES. THESE ARE USED ON MINERAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS. REFER TO SPECIFICATION TAC-TACKIFIERS IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, LATEST EDITION.

DUST CONTROL ON DISTURBED AREAS Du

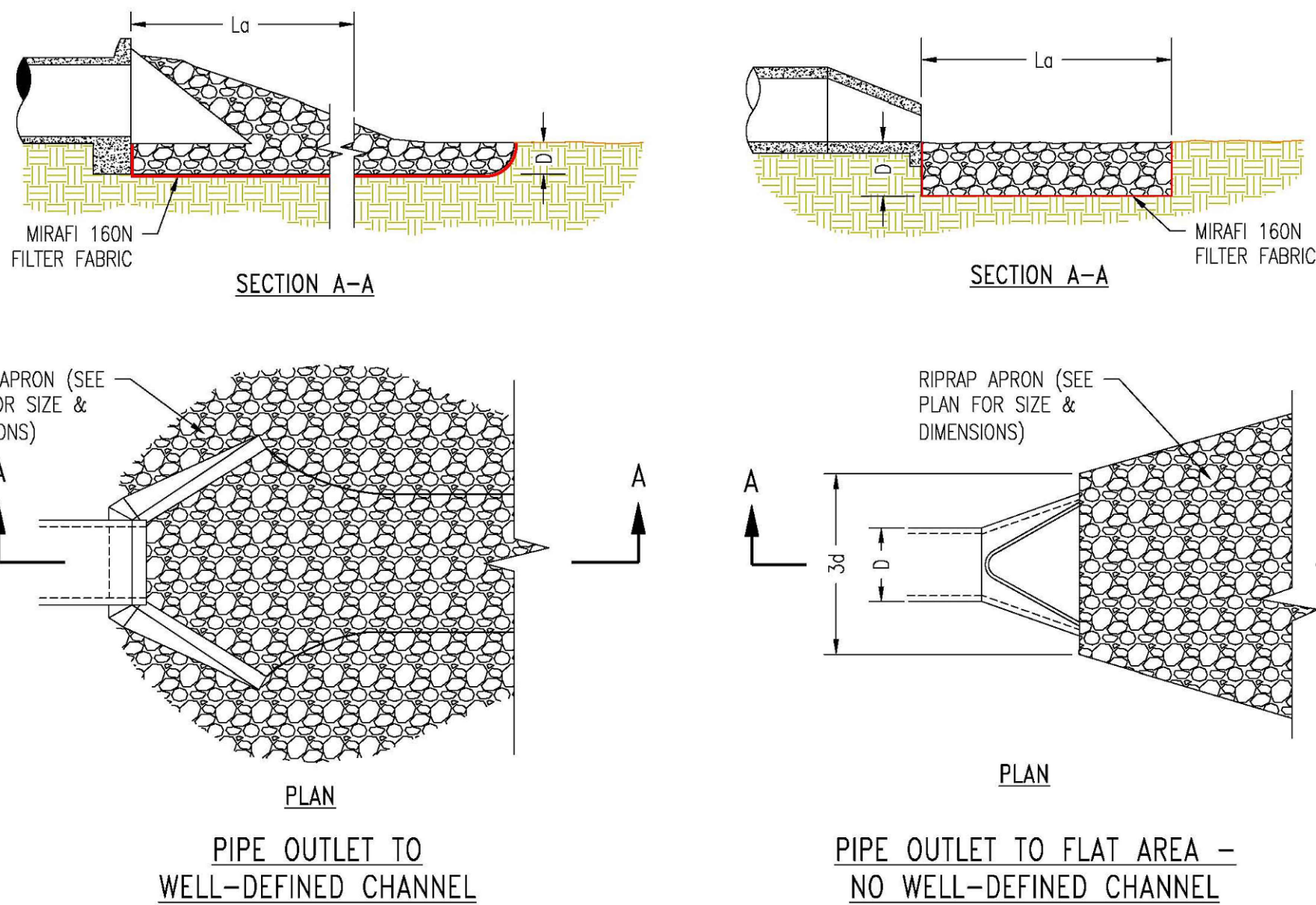


NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
4. GRAVEL PAD 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

N.T.S.

Co



PIPE OUTLET TO WELL-DEFINED CHANNEL

PIPE OUTLET TO FLAT AREA - NO WELL-DEFINED CHANNEL

STORM OUTLET PROTECTION

N.T.S.

St

TILLAGE. THIS PRACTICE IS DESIGNED TO ROUGHEN AND BRING CLODS TO THE SURFACE. IT IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE WIND EROSION STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, SPRING-TOOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.

IRRIGATION. THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS WET. REPEAT AS NEEDED.

BARRIERS. SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACES AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 15 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING WIND EROSION.

CALCIUM CHLORIDE. APPLY AT RATE THAT WILL KEEP SURFACE MOIST. MAY NEED RETREATMENT.

B. PERMANENT METHODS
PERMANENT VEGETATION. SEE SPECIFICATION Ds3 - DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION) IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, LATEST EDITION. EXISTING TREES AND LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.

TOPSOILING. THIS ENTAILS COVERING THE SURFACE WITH LESS EROSION SOIL MATERIAL. SEE SPECIFICATION Tp - TOPSOILING IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, LATEST EDITION.

STONE. COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL. SEE SPECIFICATION Cr - CONSTRUCTION ROAD STABILIZATION.

SEEDING RATES FOR TEMPORARY SEEDING

SPECIES BROADCAST	RATES	PLANTING DATES												COMMENTS
		J	F	M	A	M	J	J	A	S	O	N	D	
BARLEY ALONE	144 LBS./AC													WINTER HARDY, USE ON PRODUCTIVE SOILS
BARLEY IN MIXTURE	24 LBS./AC													
LESPEDEZA, ANNUAL ALONE	40 LBS./AC													MAY VOLUNTEER FOR SEVERAL YEARS. USE INOCULANT EL.
LESPEDEZA, ANNUAL IN MIXTURE	10 LBS./AC													
LOVEGRASS, WEEPING ALONE LOVEGRASS, WEEPING IN MIXTURE	4 LBS./AC 2 LBS./AC													MAY LAST FOR SEVERAL YEARS. MIX WITH SERICIA LESPEDEZA.
MILLET, BROWNTOP ALONE	40 LBS./AC													
MILLET, BROWNTOP IN MIXTURE	10 LBS./AC													QUICK DENSE COVER, WILL PROVIDE TOO MUCH COMPETITION IN MIXTURES IF SEED AT HIGH RATES.
MILLET, PEARL ALONE	50 LBS./AC													
OATS ALONE	128 LBS./AC													QUICK DENSE COVER, MAY REACH 5 FEET IN HEIGHT. NOT RECOMMENDED FOR MIXTURES.
OATS IN MIXTURE	32 LBS./AC													
RYE ALONE	168 LBS./AC													USE ON PRODUCTIVE SOILS. NOT AS WINTER HARDY AS RYE OR BARLEY.
RYE IN MIXTURE	28 LBS./AC													
RYEGRASS, ANNUAL ALONE	40 LBS./AC													QUICK COVER, DROUGHT TOLERANT AND WINTER HARDY.
SUDANGRASS ALONE	60 LBS./AC													
TRITICALE ALONE	144 LBS./AC													DENSE COVER, VERY COMPETITIVE AND NOT TO BE USED IN MIXTURES.
TRITICALE IN MIXTURE	24 LBS./AC													
WHEAT ALONE	180 LBS./AC													GOOD ON DROUGHTY SITES. NOT RECOMMENDED FOR MIXTURES.
WHEAT W/OTHER PERENNIALS	30 LBS./AC													

SOLID LINES INDICATE OPTIMUM DATES, DOTTED LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.

DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)

Ds2

FERTILIZER REQUIREMENTS

WARM SEASON GRASSES			
YEAR	EQUIVALENT N-P-K	ANALYSIS OR RATE	N TOP DRESSING RATE
FIRST	6-12-12	1500 LBS./AC.	50-100 LBS./AC. 2/5/
SECOND	6-12-12	800 LBS./AC.	50-100 LBS./AC. 2/
MAINTENANCE	10-10-10	400 LBS./AC.	30 LBS./AC.
COOL SEASON GRASSES			
YEAR	EQUIVALENT N-P-K	ANALYSIS OR RATE	N TOP DRESSING RATE
FIRST	6-12-12	1500 LBS./AC.	50 LBS./AC./6/
SECOND	0-10-10	1000 LBS./AC.	-----
MAINTENANCE	0-10-10	400 LBS./AC.	-----

PLANT, PLANTING RATE & PLANTING DATE FOR PERMANENT COVER

SPECIES	BROADCAST RATES	PLANTING DATES												PLANTING DATE REMARKS
		J	F	M	A	M	J	J	A	S	O	N	D	
LESPEDEZA SERICEA	60 LBS./AC													WIDELY ADAPTED. LOW MAINTENANCE. MIX WITH COMMON BERMUDA OR TALL FESCUE. INOCULATE SEED WITH EL INOCULANT.
LESPEDEZA SERICEA UNSCARIFIED	75 LBS./AC													
PENSACOLA BAHIA ALONE OR WITH TEMPORARY COVER	60 LBS./AC													MIX WITH TALL FESCUE.
WILMINGTON BAHIA WITH OTHER PERENNIALS	30 LBS./AC													
TALL FESCUE ALONE	50 LBS./AC													LOW GROWING. SOD FORMING. SLOW TO ESTABLISH. PLANT WITH A COMPANION CROPP. WILL SPREAD INTO BERMUDA PASTURES AND LAWNS. MIX WITH SERICEA LESPEDEZA.
TALL FESCUE WITH OTHER PERENNIALS	30 LBS./AC													
REED CANARY GRASS ALONE	50 LBS./AC													USE ALONE ONLY ON BETTER SITES. MIX WITH PERENNIAL LESPEDEZA OR CROWNCRIP. APPLY TOP DRESSING IN SPRING FOLLOWING FALL PLANTINGS. NOT FOR HEAVY USE AREAS OR ATHLETIC FIELDS.
REED CANARY GRASS WITH OTHER PERENNIALS	30 LBS./AC													
COMMON BERMUDA UNHULLED SEED WITH TEMPORARY COVER	10 LBS./AC													GROWS SIMILAR TO TALL FESCUE.
COMMON BERMUDA UNHULLED SEED W/OTHER PERENNIALS	6 LBS./AC													

SOLID LINES INDICATE OPTIMUM DATES, DOTTED LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.

DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)

Ds3

EROSION CONTROL DETAILS

CLOSURE DRAWINGS

FOR
GEORGIA POWER
PLANT YATES
ASH MANAGEMENT AREA
COWETA COUNTY, GEORGIA

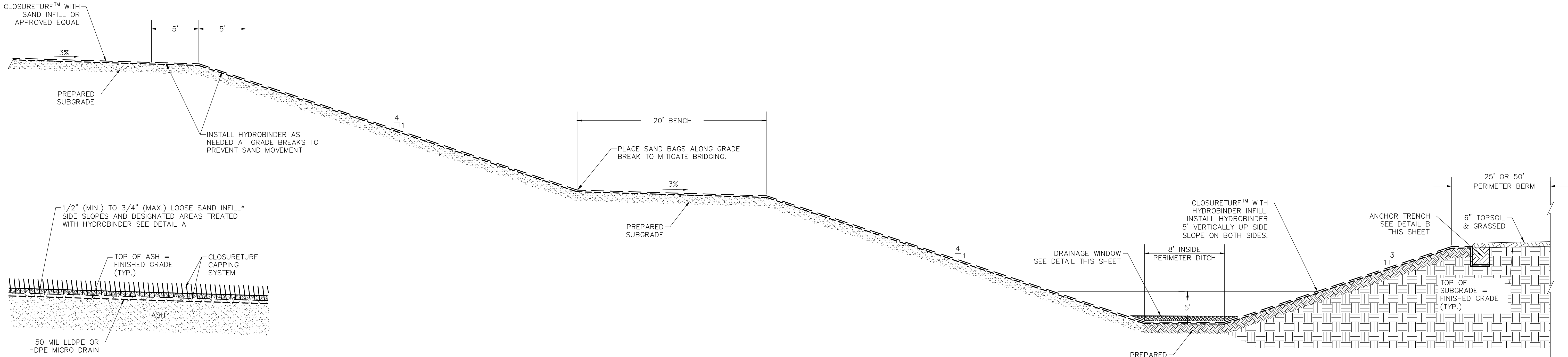
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AUGUST 2026				

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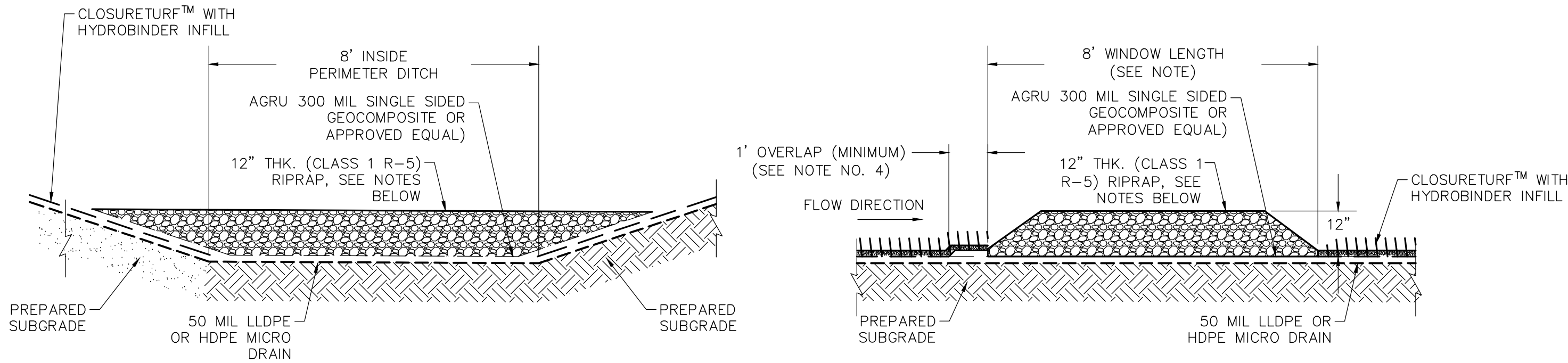
* INFILL TO BE APPROVED SAND INFILL COMPONENT FOR CLOSURETURF™ SYSTEM

CLOSURE TURF CAPPING SYSTEM DETAIL

N.T.S.

DETAIL A - TYPICAL SLOPE SECTION

N.T.S.



FRONT VIEW

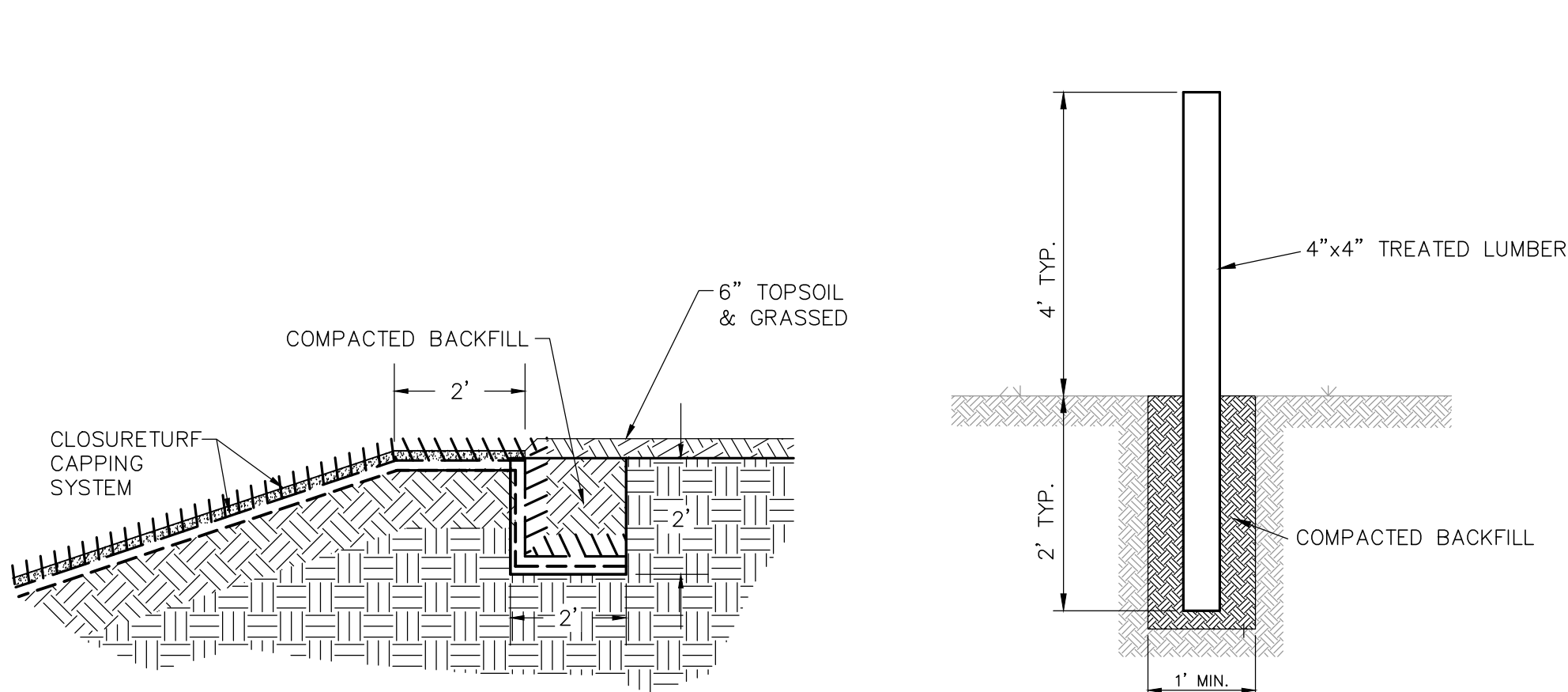
SIDE VIEW

NOTES:

- DRAINAGE WINDOWS SHALL BE 8' WIDE X 8' LONG, SHALL BE SPACED 200' C.T.C. UNLESS OTHERWISE INDICATED, AND CONSTRUCTED IN THE CHANNEL BOTTOM ONLY.
- CHANNEL SIDE SLOPES, CLOSURETURF WITH HYDROBINDER, AND 50 MIL LLDPE OR HDPE MICRO DRAIN LINER SHALL NOT BE DAMAGED DURING CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE PURCHASER'S SATISFACTION.
- THE SINGLE SIDED GEOCOMPOSITE SHALL BE PLACED WITH THE GEOGRID SIDE DOWN AND THE GEOTEXTILE SIDE UP.
- CONTRACTOR SHALL ASSURE THAT THE CLOSURETURF OVERLAPS THE GEOCOMPOSITE BY A MINIMUM OF 1 FOOT ON THE UPSTREAM FACE ONLY.

DRAINAGE WINDOW DETAIL

N.T.S.



DETAIL B - ANCHOR TRENCH

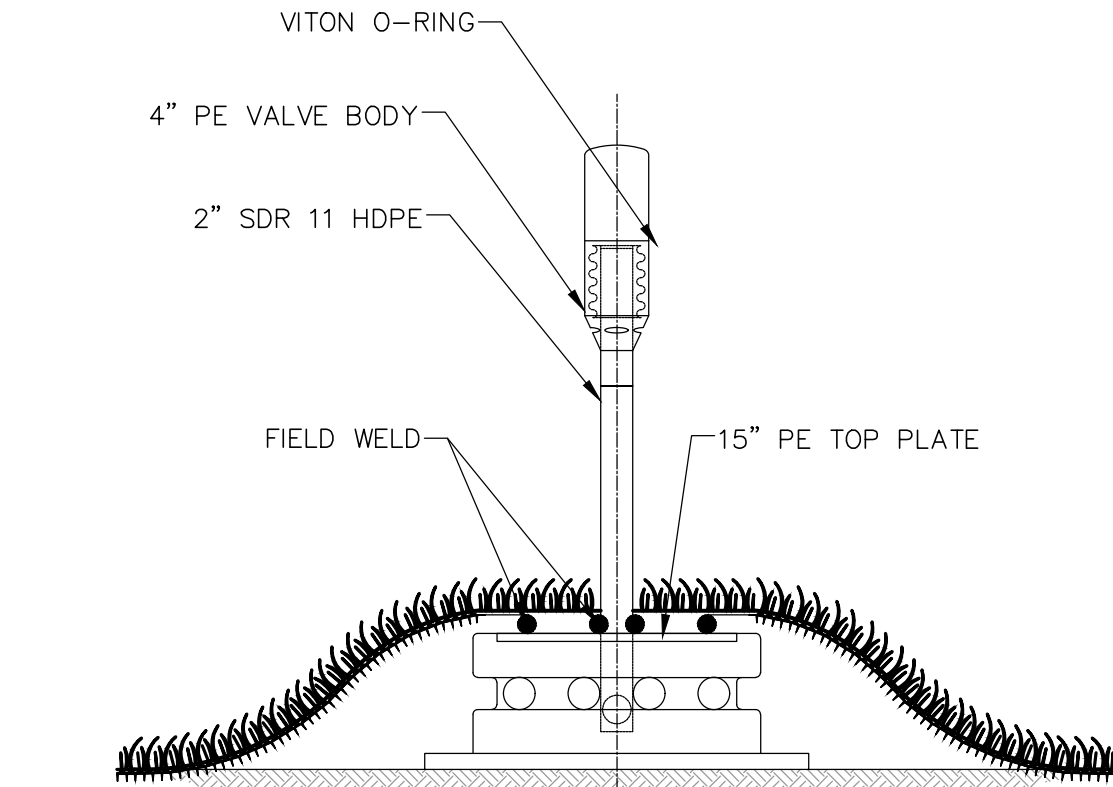
N.T.S.

NOTES:

- MARKERS SHALL BE SPACE APPROXIMATELY 300-FEET APART.

LINER EDGE MARKER

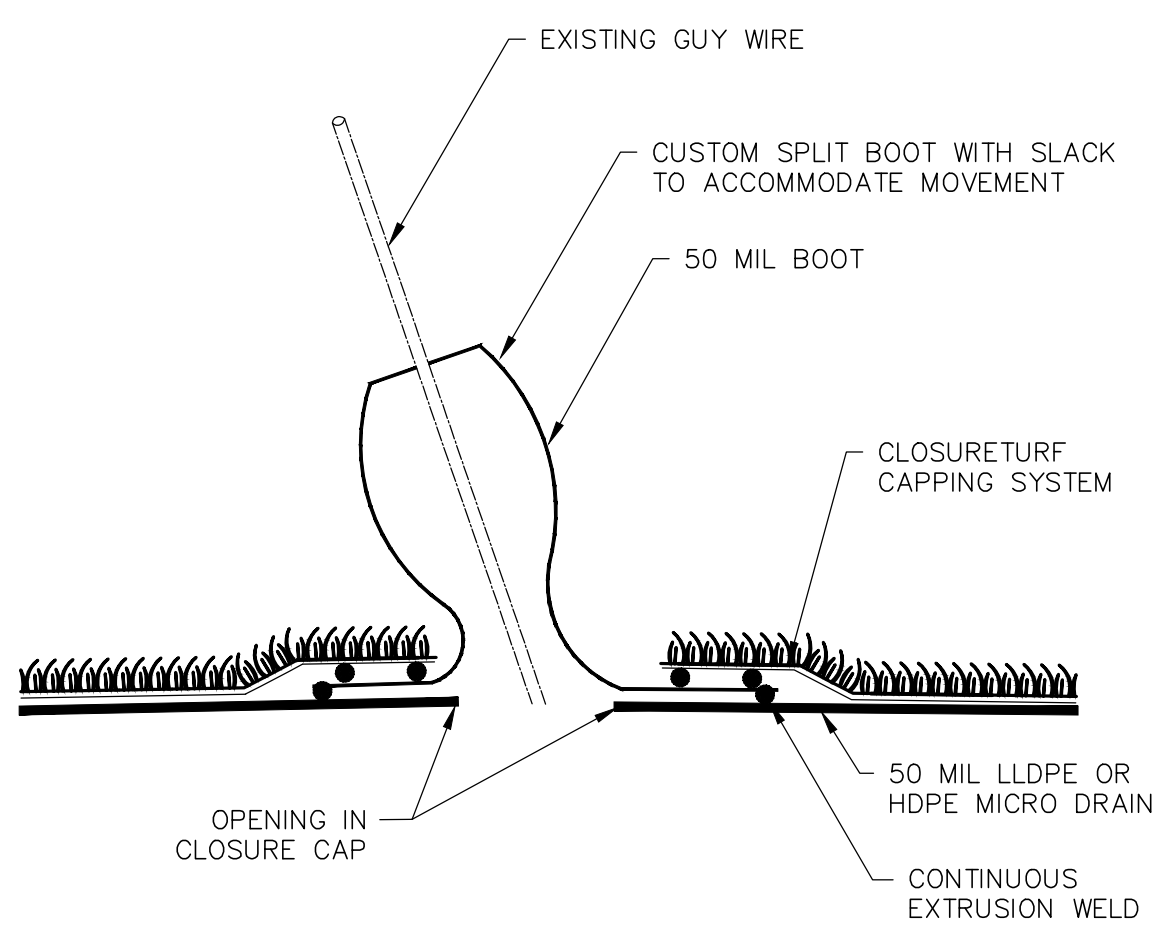
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NOTE: PRESSURE RELIEF VALVES TO BE INSTALLED AS NEEDED.

CLOSURETURF® PRESSURE RELIEF VALVE

N.T.S.

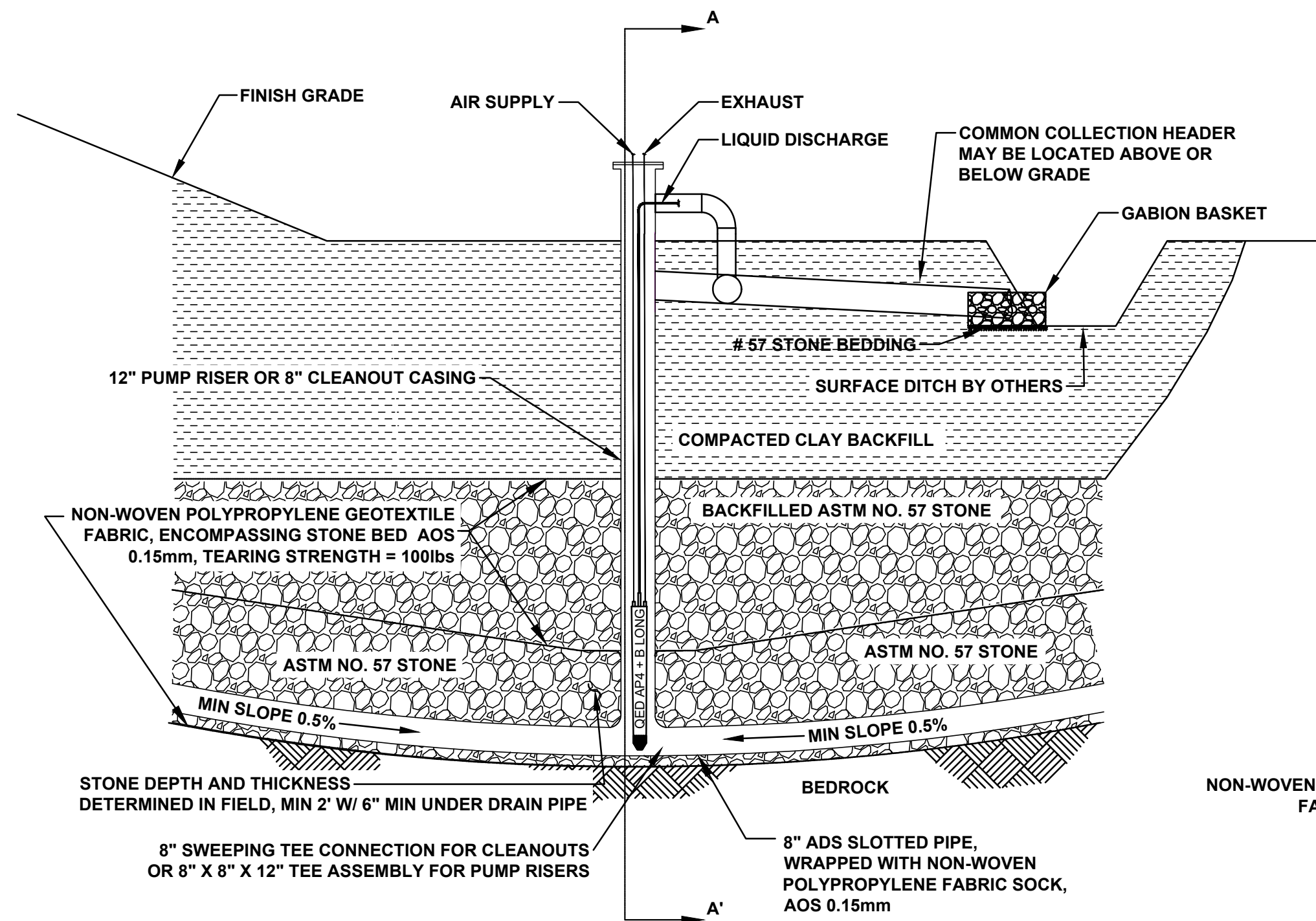


GUY WIRE LLDPE BOOT DETAIL

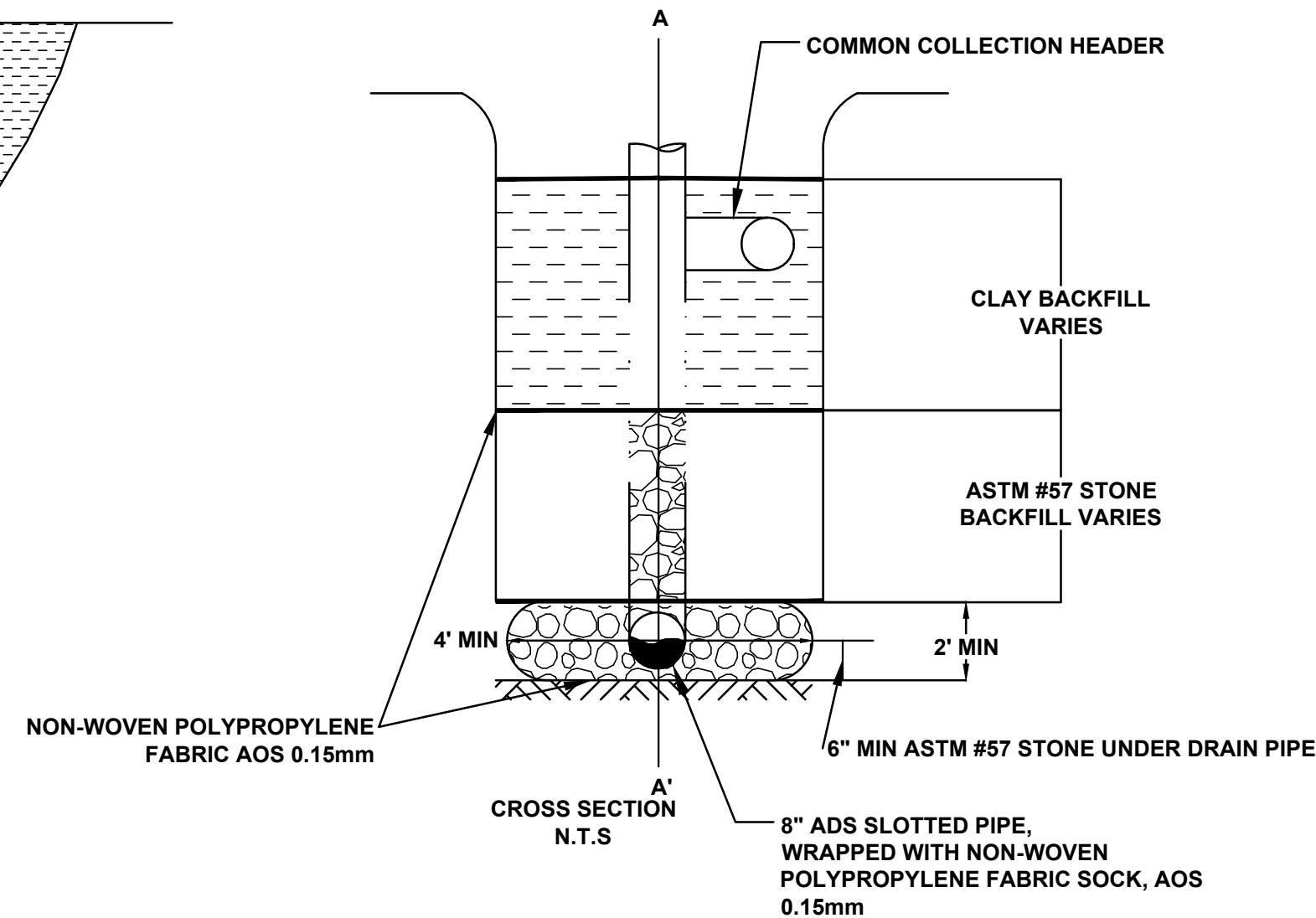
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CLOSURE DETAILS			
CLOSURE DRAWINGS			
FOR GEORGIA POWER PLANT YATES ASH MANAGEMENT AREA COWETA COUNTY, GEORGIA			
Atlantic Coast Consulting, Inc. 770-594-5998 www.atcc.net		11545 Wills Road Suite 100 Alpharetta, GA 30009	
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AUGUST 2026			

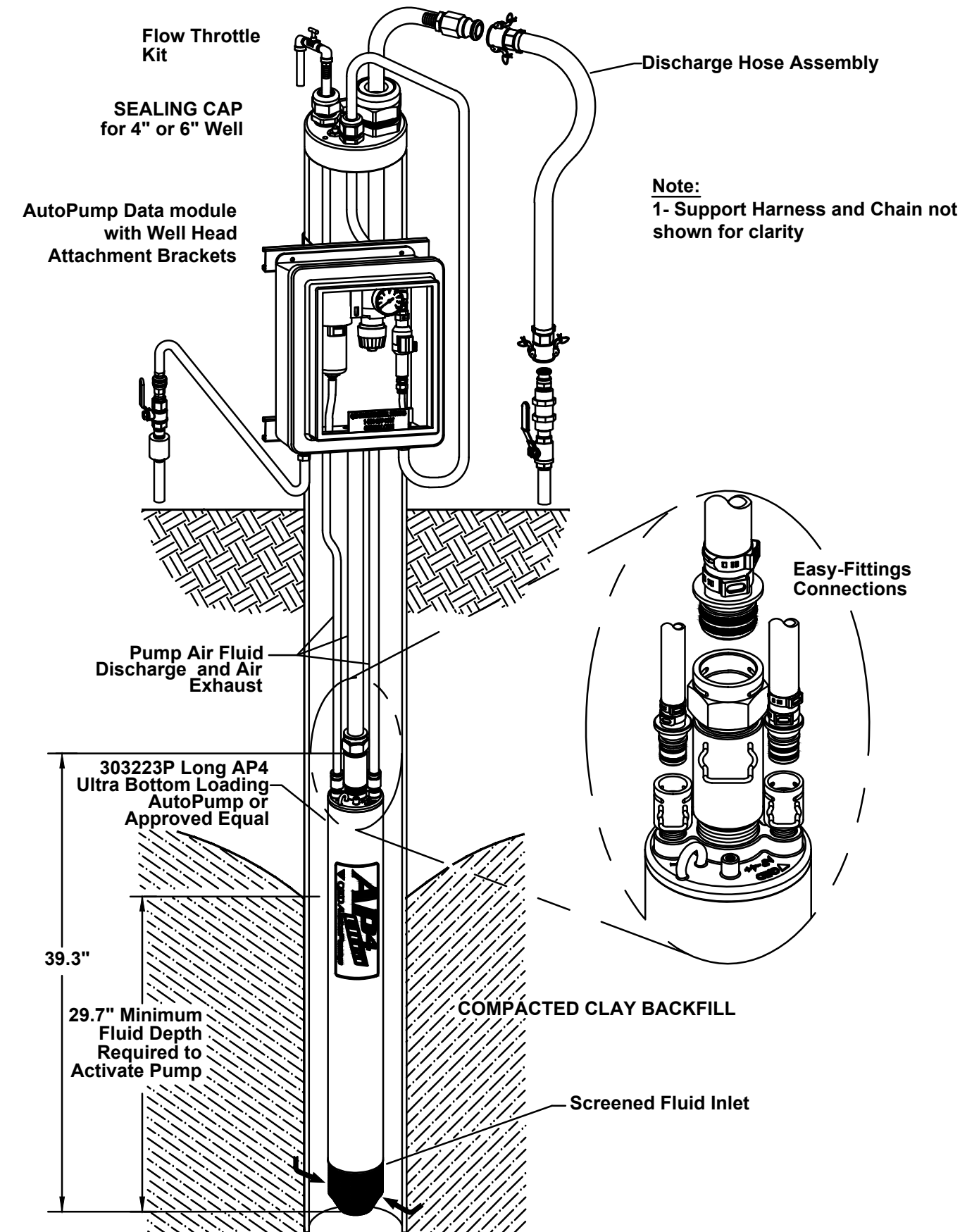


WELL RISER AND COMMON HEADER DETAIL
SCALE = NOT TO SCALE



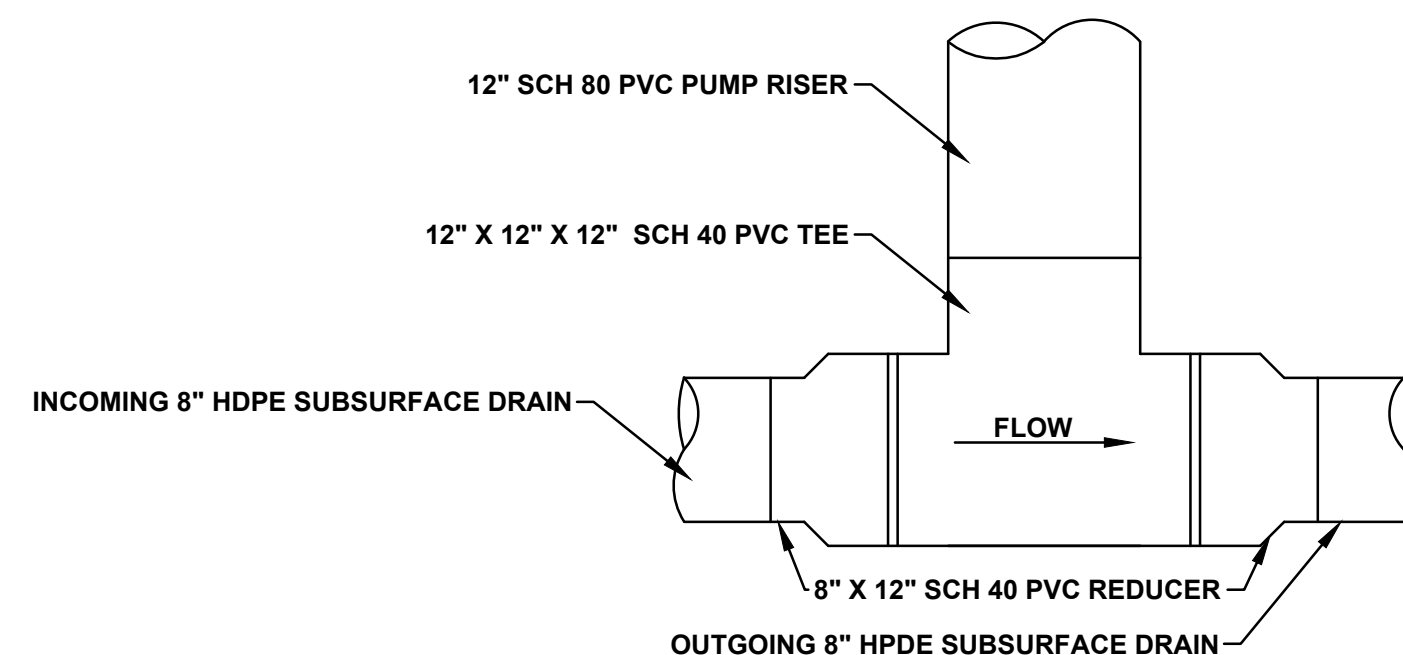
1. RISER WELL HEAD DETAILS NOT SHOWN INCLUDING ENCLOSURES, REGULATOR, CYCLE COUNTER, ETC.
2. CERTAIN 12-INCH RISERS MAY HAVE MULTIPLE PUMPS
3. CERTAIN 8-INCH CLEANOUTS MAY HAVE A PUMP
4. BURIED DISCHARGE LINES MAY BE TERMINATED WITH A TEE DIFFUSER.
5. SIZE OF AIR SUPPLY & PUMP DISCHARGE LINES TBD.

DOWN-WELL Long AP4 Ultra BOTTOM LOADING CONTROLLERLESS AutoPump
with APDM, Jacketed Tubing, Easy Fittings, Air and Fluid discharge Kits

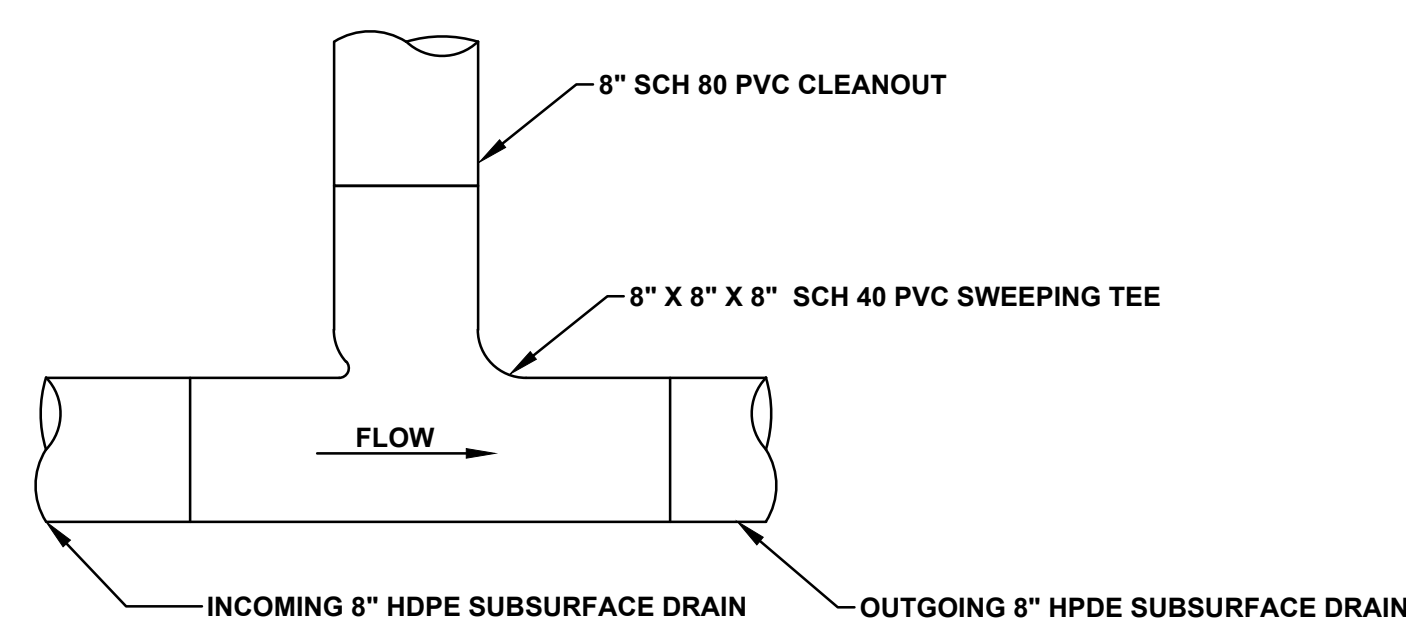


LONG AP4 ULTRA BOTTOM LOADING PUMP
QED ENVIRONMENTAL SYSTEMS LTD.

SCALE = NOT TO SCALE



PUMP RISER AND CLEANOUT CONNECTION DETAIL
SCALE = NOT TO SCALE



NOTE:

ADVANCED ENGINEERING METHOD (AEM) SUBSURFACE DRAIN DESIGN AND DETAILS THIS SHEET BY TRC (SEE PART B SECTION 3 FOR PLAN AND PROFILE).

AEM SUBSURFACE DRAIN DETAILS

CLOSURE DRAWINGS

FOR
GEORGIA POWER
PLANT YATES
ASH MANAGEMENT AREA
COWETA COUNTY, GEORGIA

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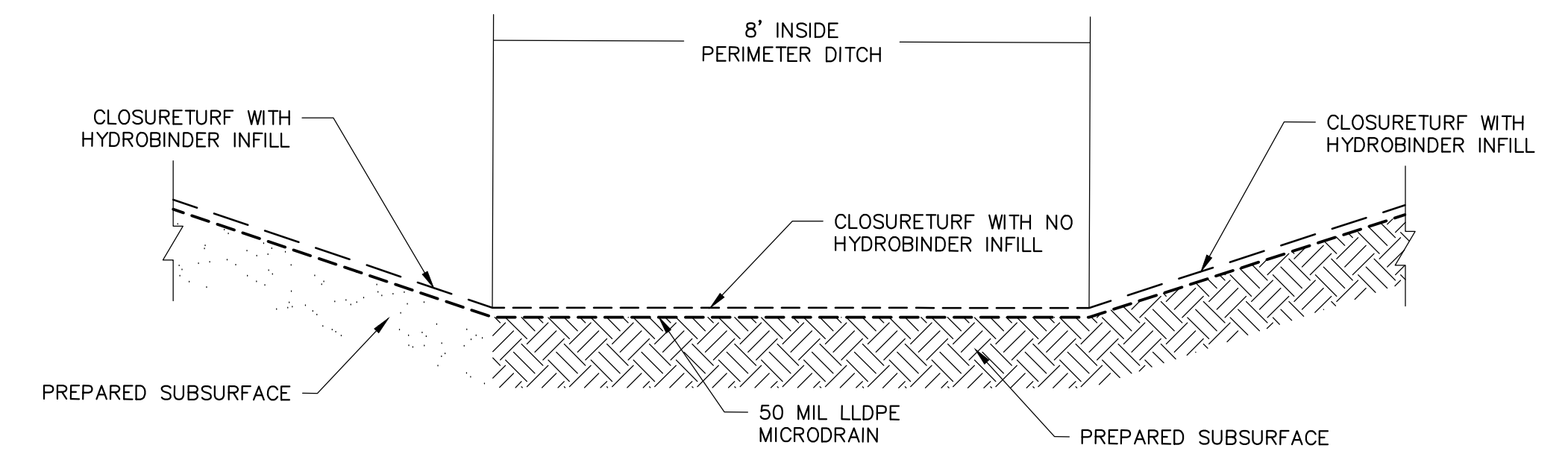
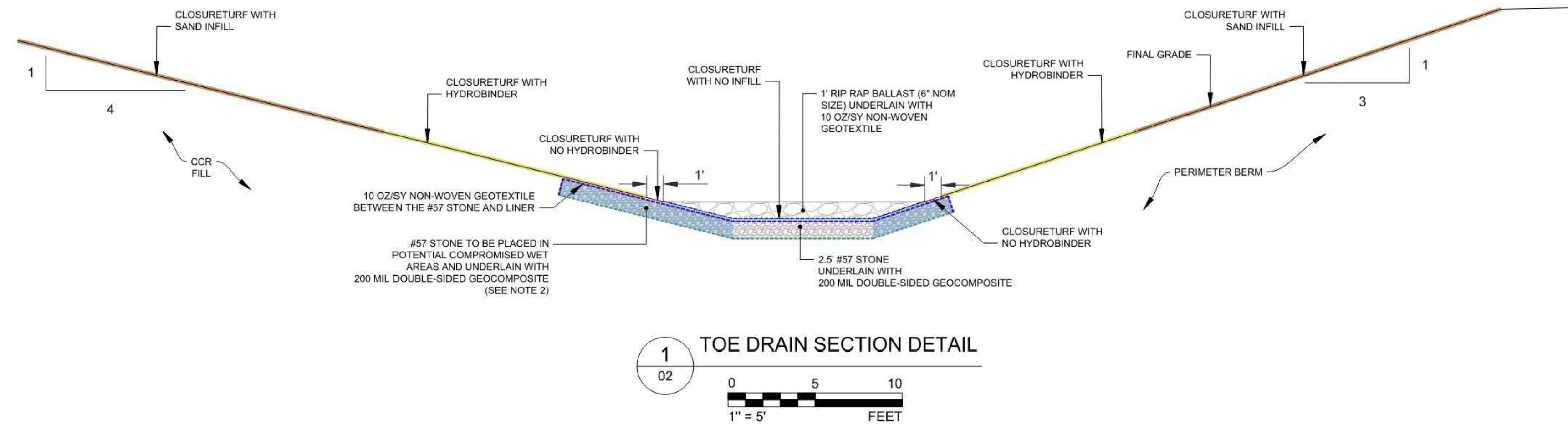
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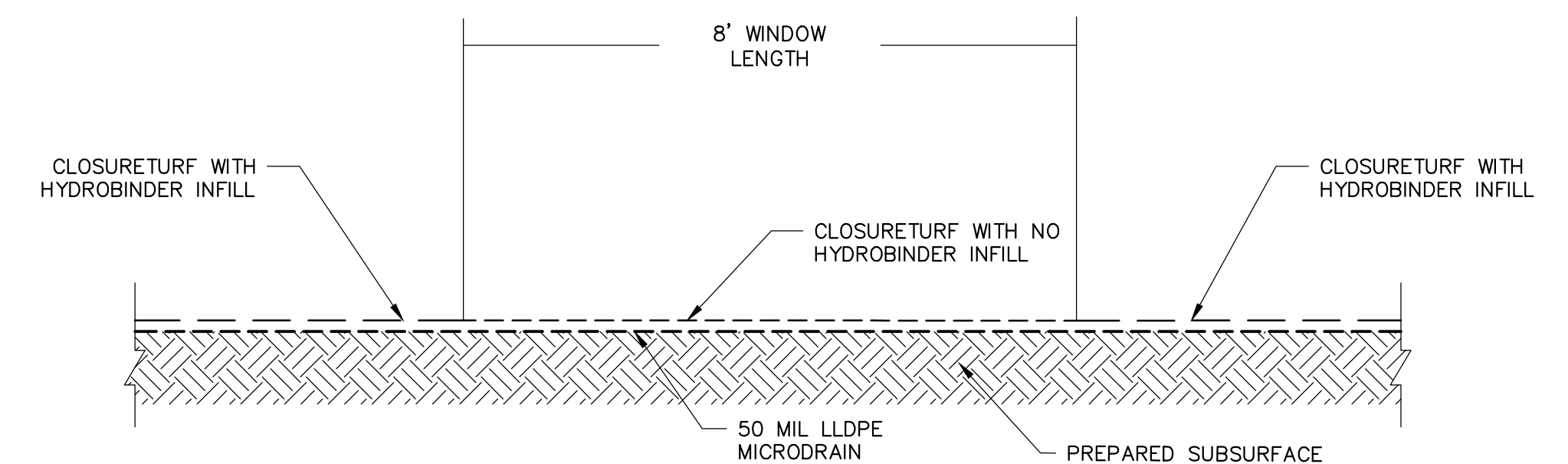
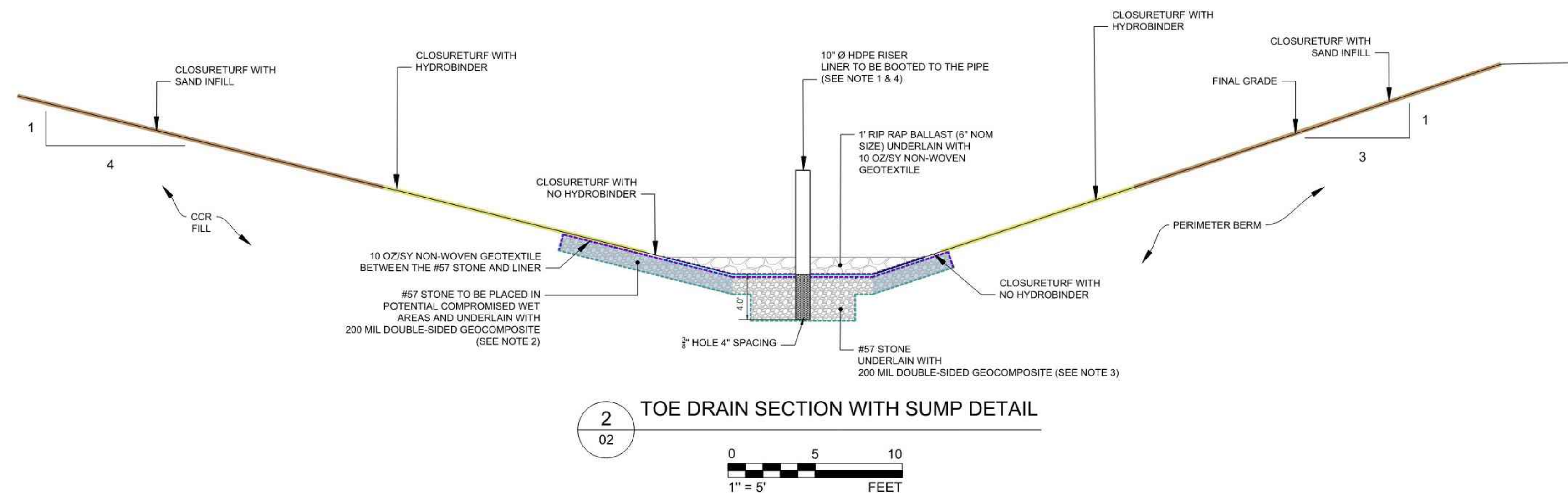
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SHEET 11 OF 13





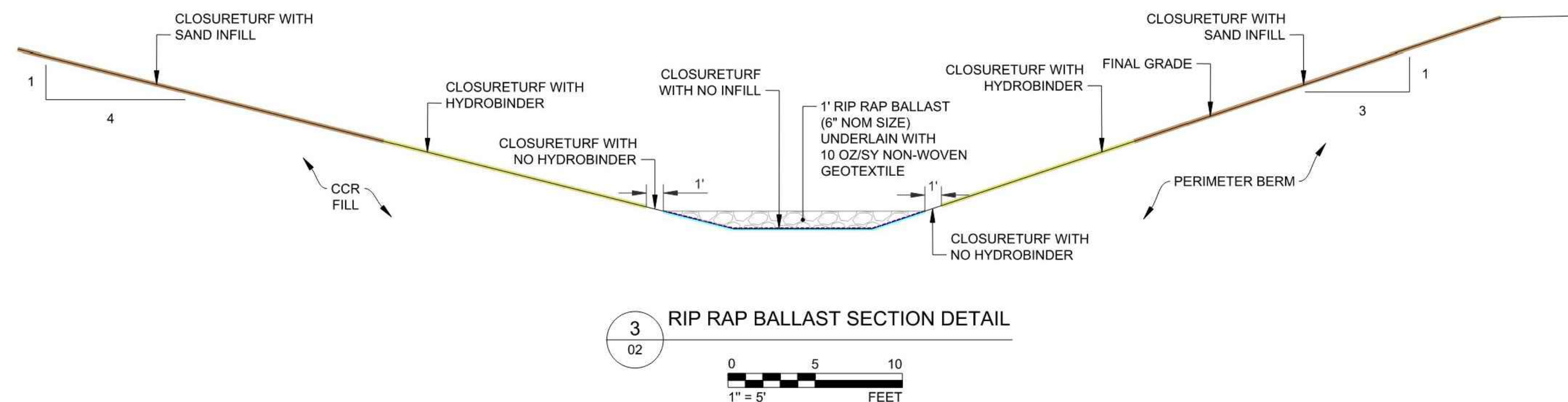
FRONT VIEW



SIDE VIEW

DRAINAGE WINDOW DETAIL

N.T.S.



NOTES:

- CONTRACTOR SHALL MAKE PROVISIONS FOR EXTENDING THE TOE DRAIN RISER AND ADDING BALLAST IF NECESSARY DEPENDING ON WATER LEVEL CONDITIONS DURING INSTALLATION.
- CONTRACTOR SHALL REPAIR OR REWORK THE COMPROMISED MATERIAL BENEATH THE LINER IN THE CHANNEL AND UP THE SLOPE. REWORK EFFORT MUST ADHERE TO THE TECHNICAL SPECIFICATION AND CONTRACTOR WORK PLAN. THE COA CONTRACTOR MUST BE PRESENT DURING THE CHANNEL AND SLOPE REPAIRS.
- STONE SHALL BE 3 FEET EACH WAY ALONG THE LENGTH OF THE DITCH FROM THE CENTERLINE OF THE RISER.
- NEW INSTALLED RISER SHALL BE AT LEAST 4 FEET BELOW FINISHED DITCH ELEVATION.
- NON-WOVEN GEOTEXTILE SHALL BE TUCKED BETWEEN THE STONE AND GEOCOMPOSITE.

TOE DRAIN DETAILS

CLOSURE DRAWINGS

FOR
GEORGIA POWER
PLANT YATES
ASH MANAGEMENT AREA
COWETA COUNTY, GEORGIA

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