

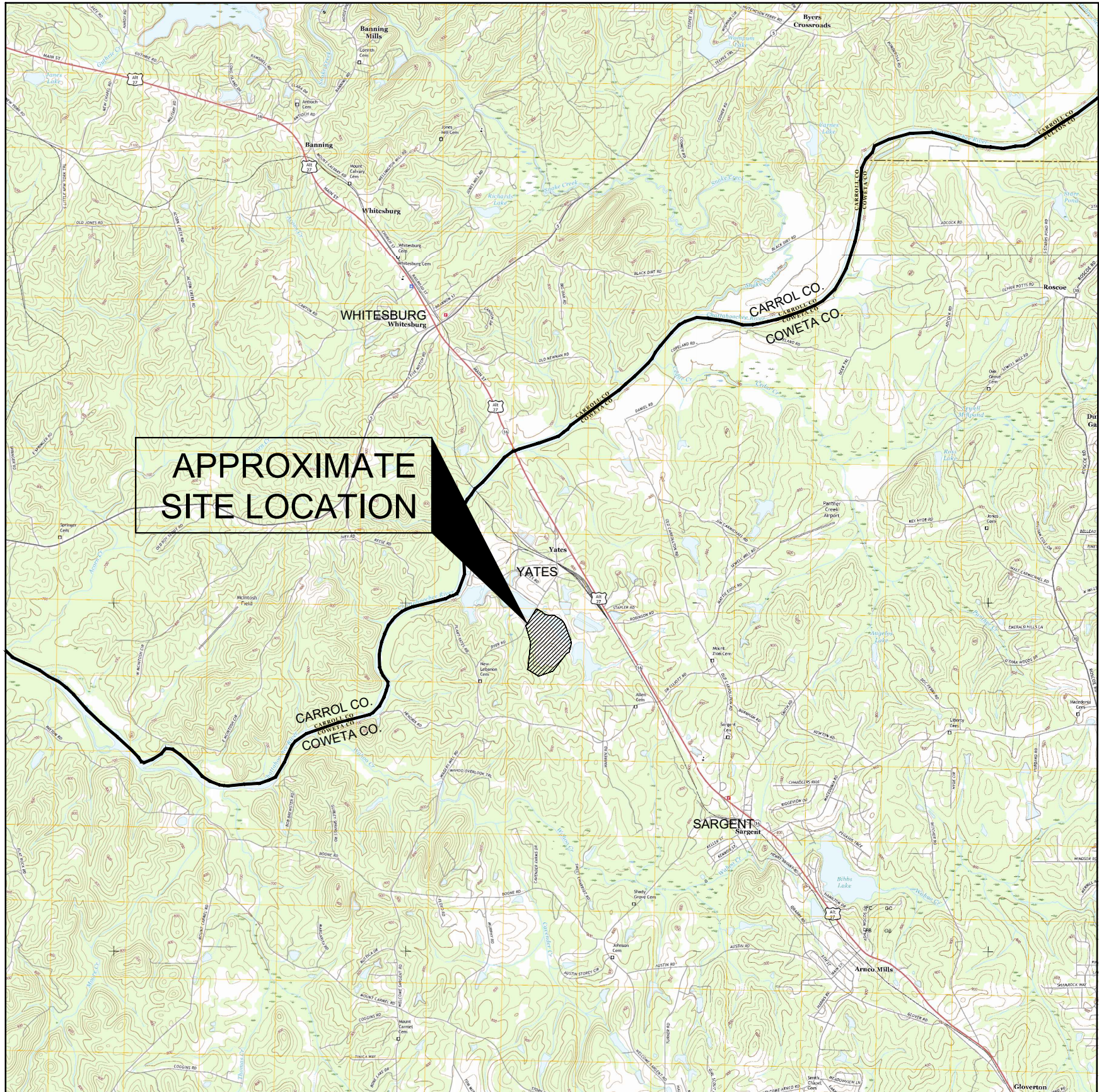
CLOSURE DRAWINGS
FOR
GEORGIA POWER
PLANT YATES
INACTIVE CCR LANDFILL - R6 CCR LANDFILL
COWETA COUNTY, GEORGIA
NOVEMBER 2018

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
10/03/2025	2, 3, 4, 5, & 6	EPD COMMENTS
06/24/2026	1,4, & 6	EPD COMMENTS

INDEX OF DRAWINGS

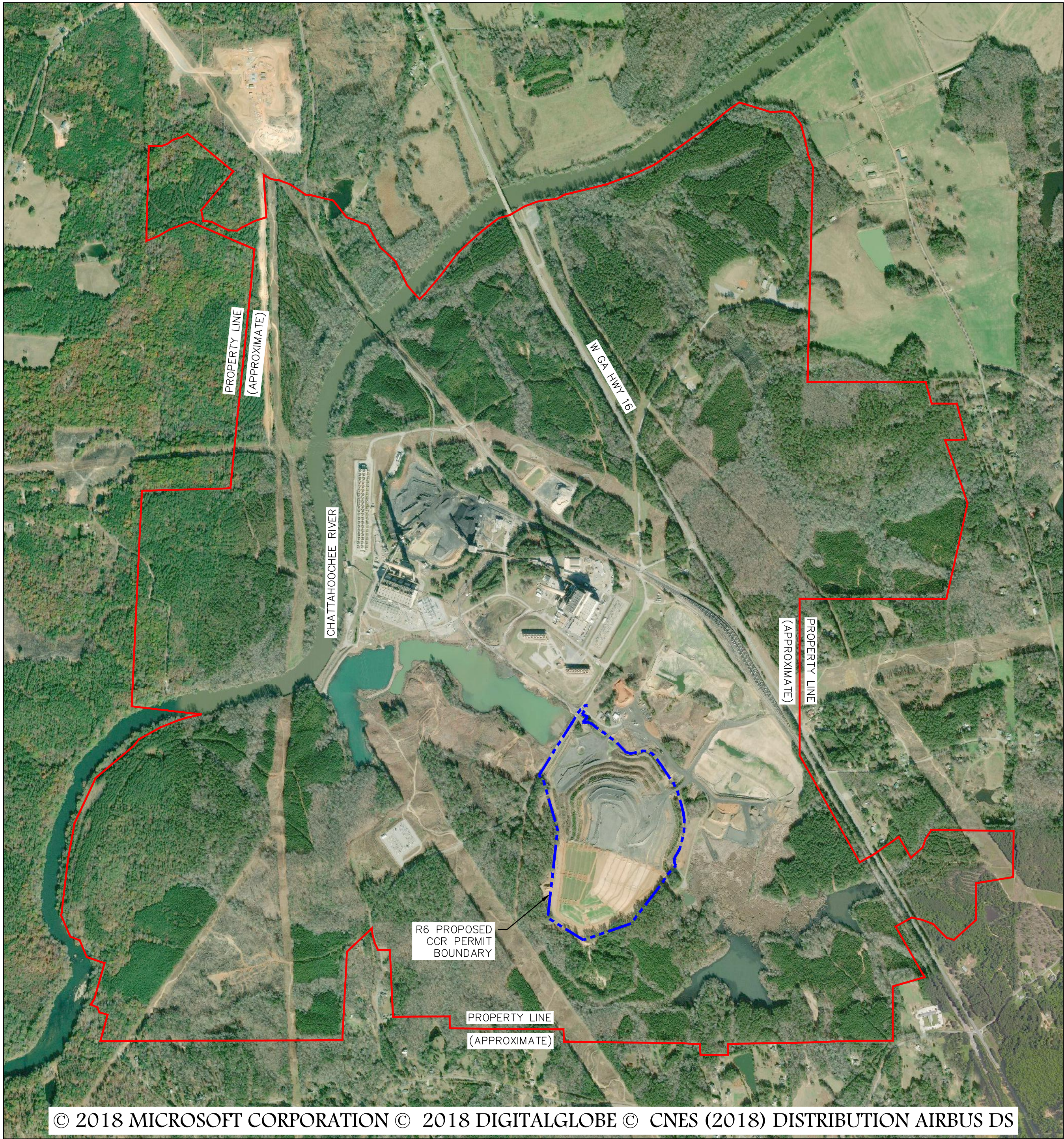
SHEET NO.	DESCRIPTION
1	COVER
2	PROPERTY BOUNDARY & INDEX
3	PERMIT BOUNDARY & LEGAL DESCRIPTION
4	EXISTING CONDITIONS/FINAL GRADING PLAN
5	DETAILS
6	DETAILS
7	ENVIRONMENTAL MONITORING PLAN
8	CROSS SECTION B PLAN
9	CROSS SECTION B

ACC

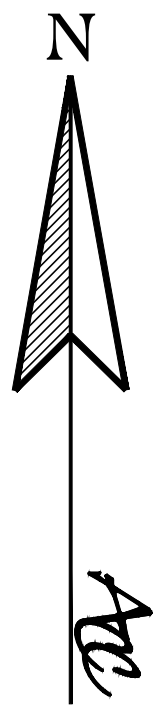
Atlantic Coast Consulting, Inc.
11545 Wills Rd, Suite 100, Alpharetta, GA 30009
770-594-5998



P:\Industrial\004-Southern Company\107-Plant Yates CCR Permitting\3 - CCR Permitting\Drawings\004-107-R6-002 (Index).dwg 7/14/26 MATHEU TRUNNELL



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



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

PROPERTY BOUNDARY & INDEX

CLOSURE DRAWINGS

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

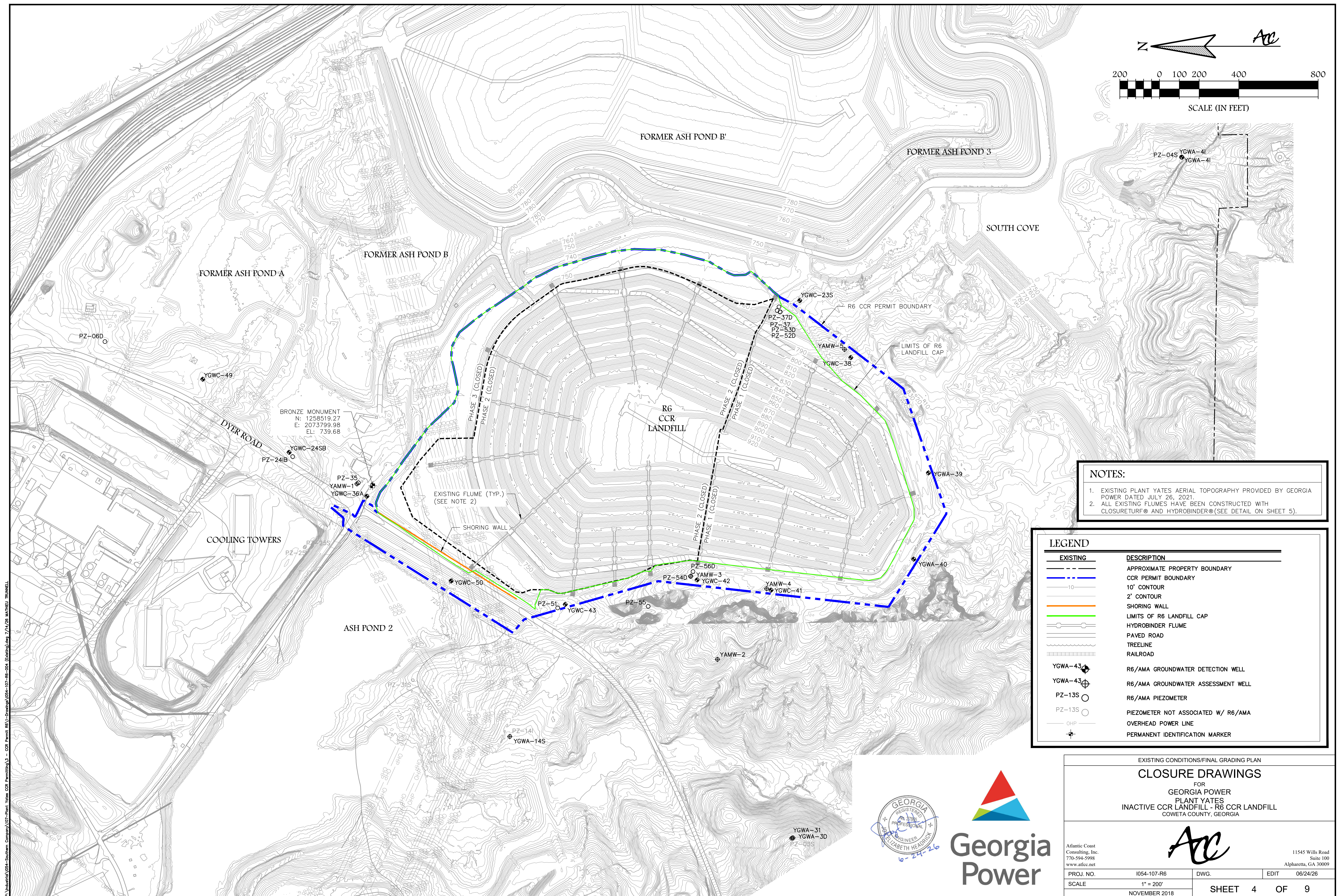
AC

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

11545 Wills Road
Suite 100
Alpharetta, GA 30009

PROJ. NO.	1054-107-R6	DWG.	EDIT	06/24/26
SCALE	1" = 1,000'			
	NOVEMBER 2018			
		SHEET	2	OF 9





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 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 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 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

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 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(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)
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PERMANENT GRASSING

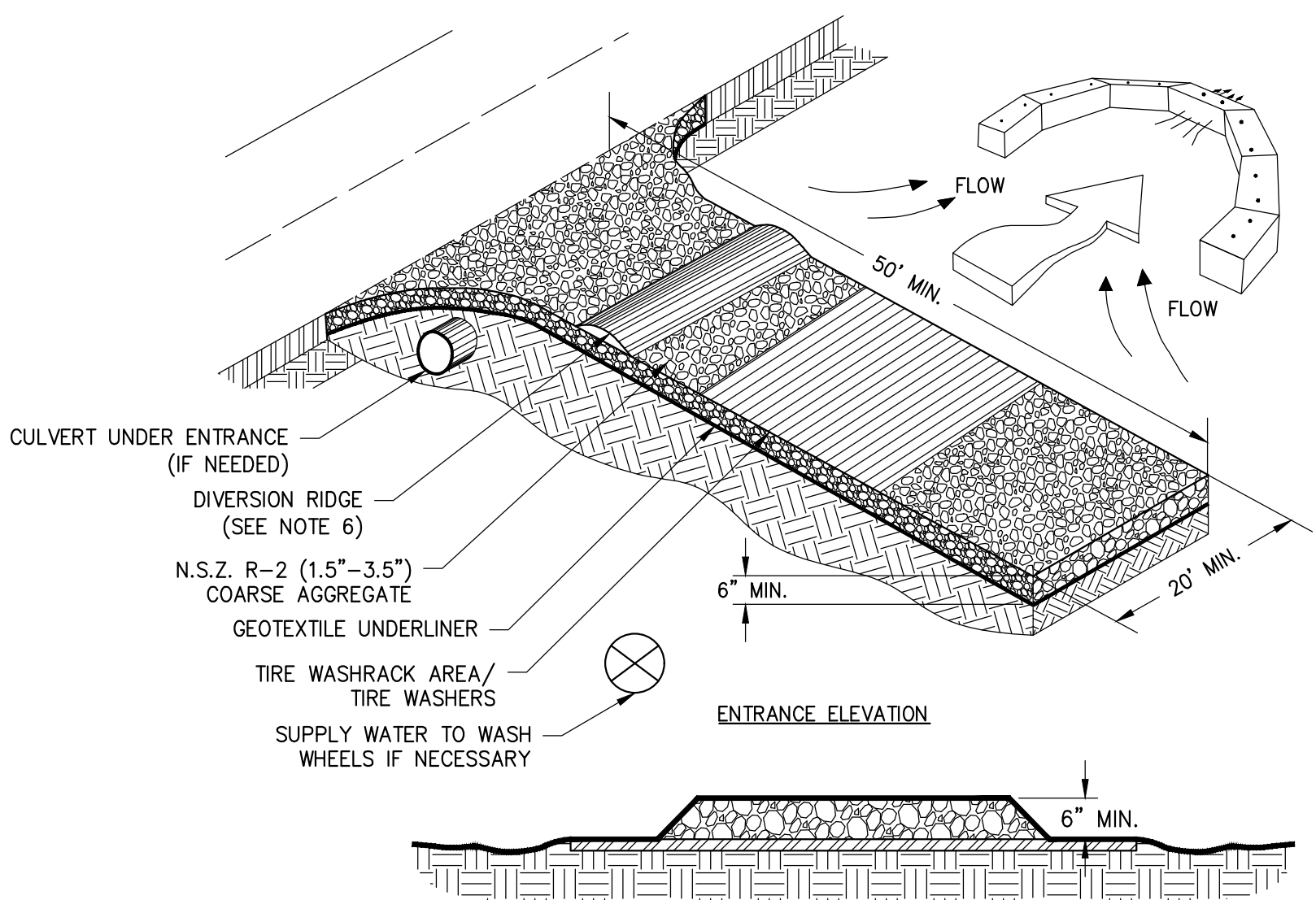
SITE PREPARATION:
1. GRADE TO PERMIT THE USE OF EQUIPMENT FOR APPLYING AND ANCHORING MULCH.
2. INSTALL NEEDED EROSION CONTROL MEASURES AS REQUIRED SUCH AS DIKES, DIVERSIONS, BERMS, TERRACES AND SEDIMENT BARRIERS.
3. LOOSEN COMPACT SOIL TO A MINIMUM DEPTH OF 3 INCHES.

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.

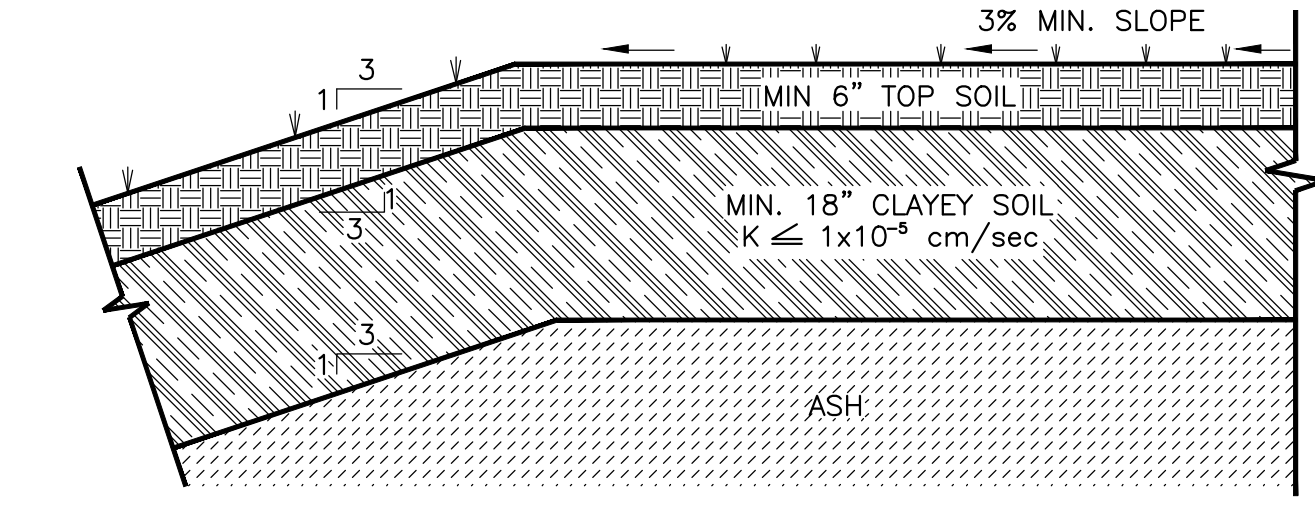
MULCHING

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.

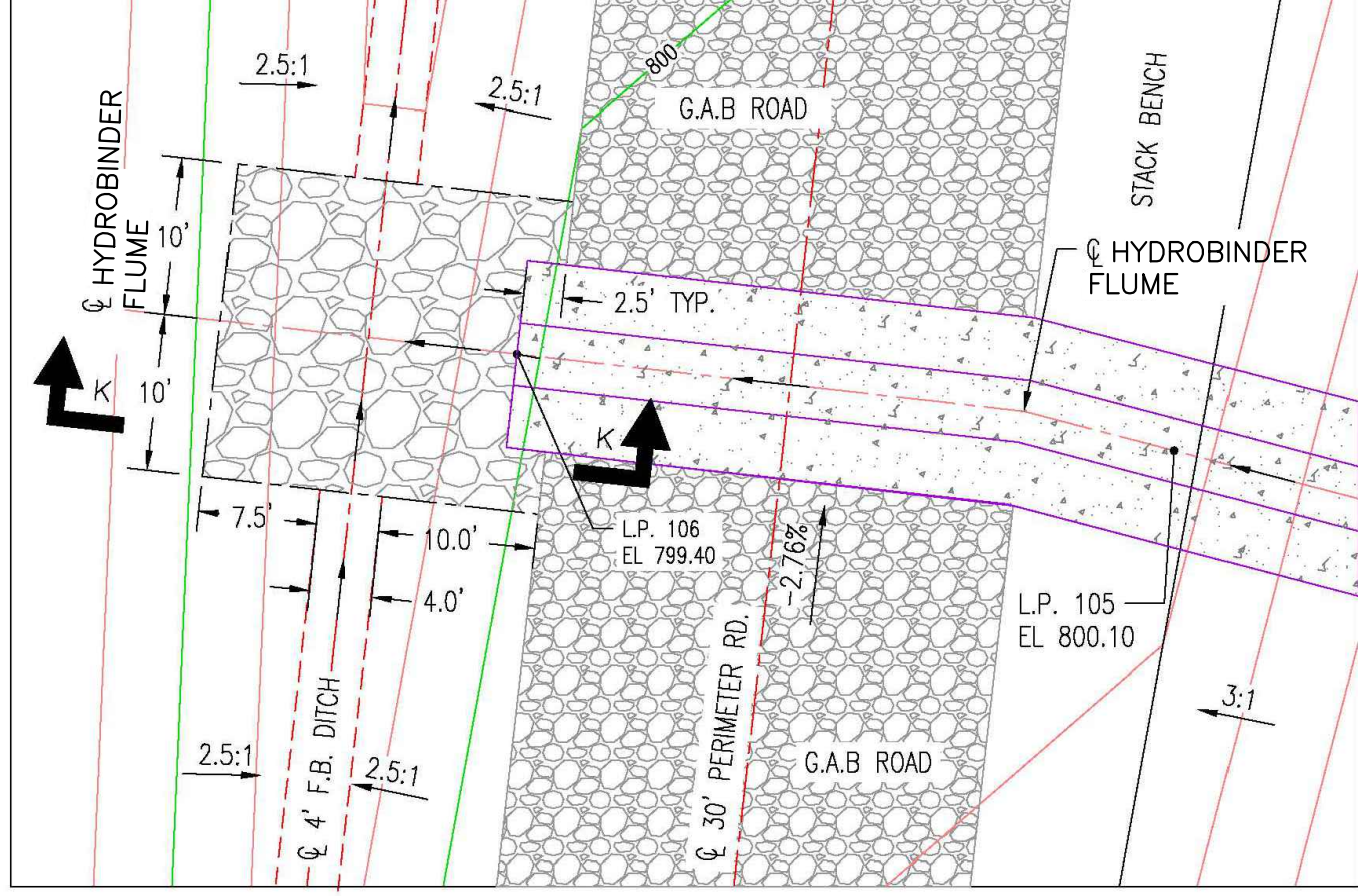


FINAL COVER DETAIL (TYP.)
N.T.S.

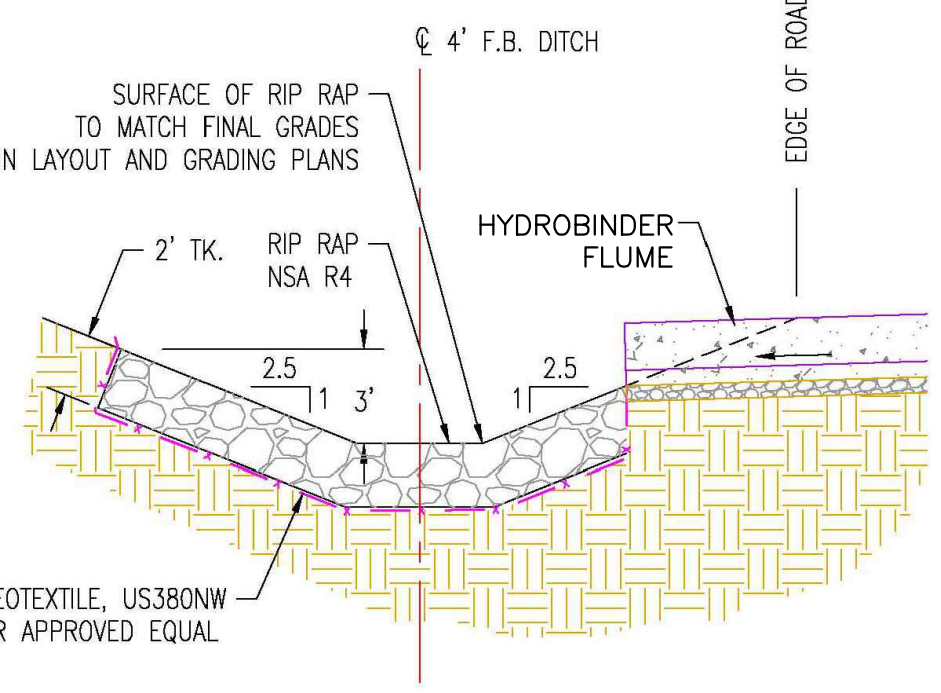
CONSTRUCTION EXIT

N.T.S.

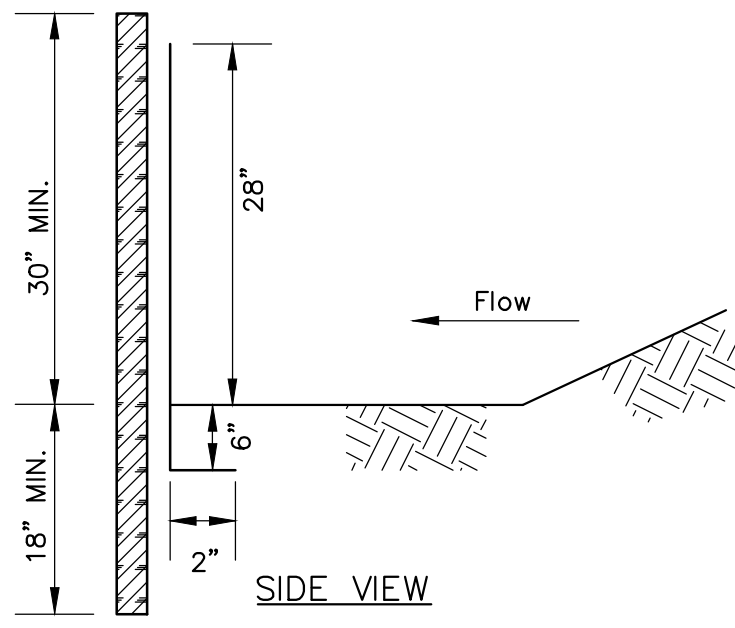
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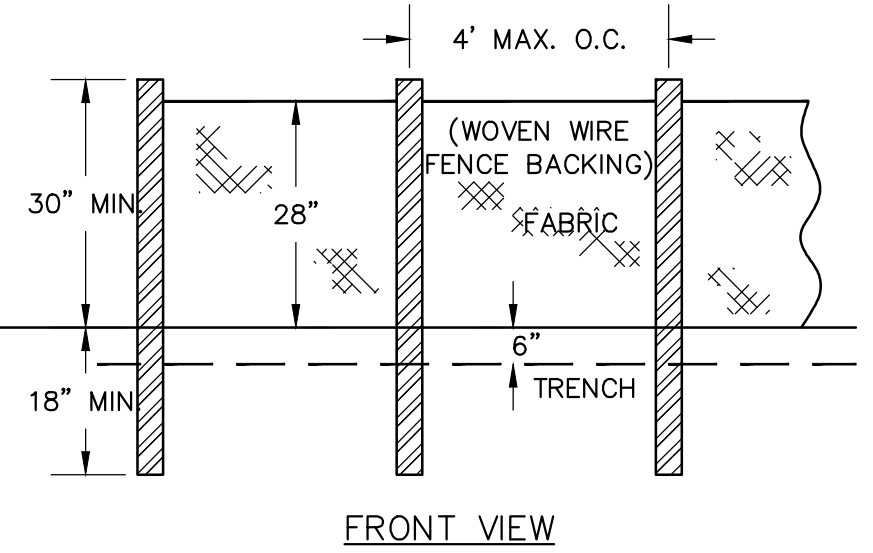
TYPICAL DETAIL PLAN VIEW OF RIP RAP LINED DITCH AT HYDROBINDER FLUME OUTFALL
SCALE: 1" = 10'



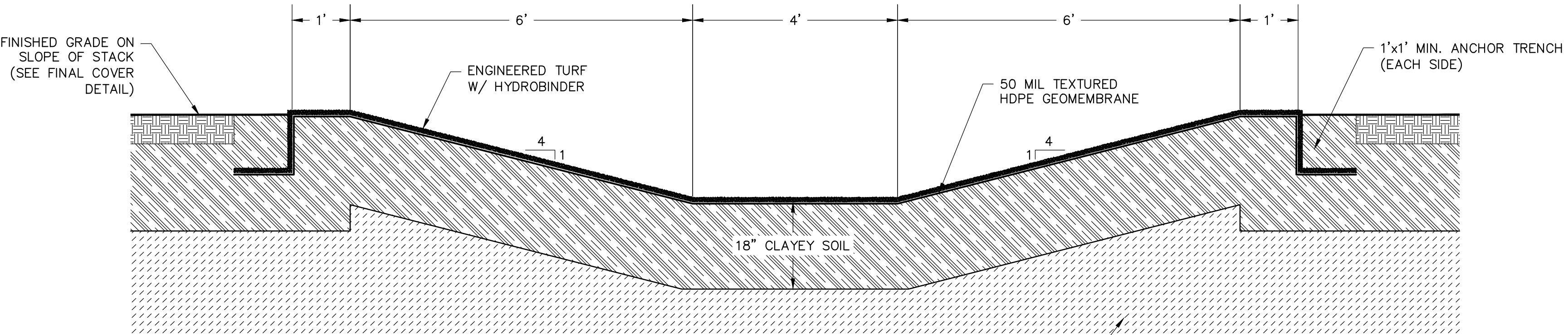
SECTION K-K
SCALE: 1" = 5'



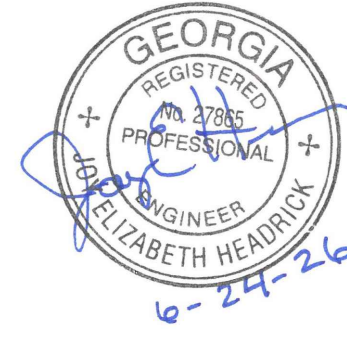
TYPE "S" SILT FENCE DETAIL
N.T.S.



- 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.



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



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.atcc.net	11545 Wills Road Suite 100 Alpharetta, GA 30009		
PROJ. NO.	1054-107-R6	DWG.	EDIT
SCALE	N/A		
NOVEMBER 2018		SHEET	5 OF 9

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 FOLLOWING CODES AND STANDARDS SHALL BE UTILIZED TO ESTABLISH MINIMUM LEVELS OF QUALITY AND CONSTRUCTION TECHNIQUES.

1. GENERAL
 - A. FHWA GEOTECHNICAL ENGINEERING 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 (ASD)," (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 $(A_t E_s \delta_e) / P$, WHERE:
 A_t = CROSS SECTION AREA OF TENDON
 E_s = MODULUS OF ELASTICITY OF THE STEEL
 δ_e = 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

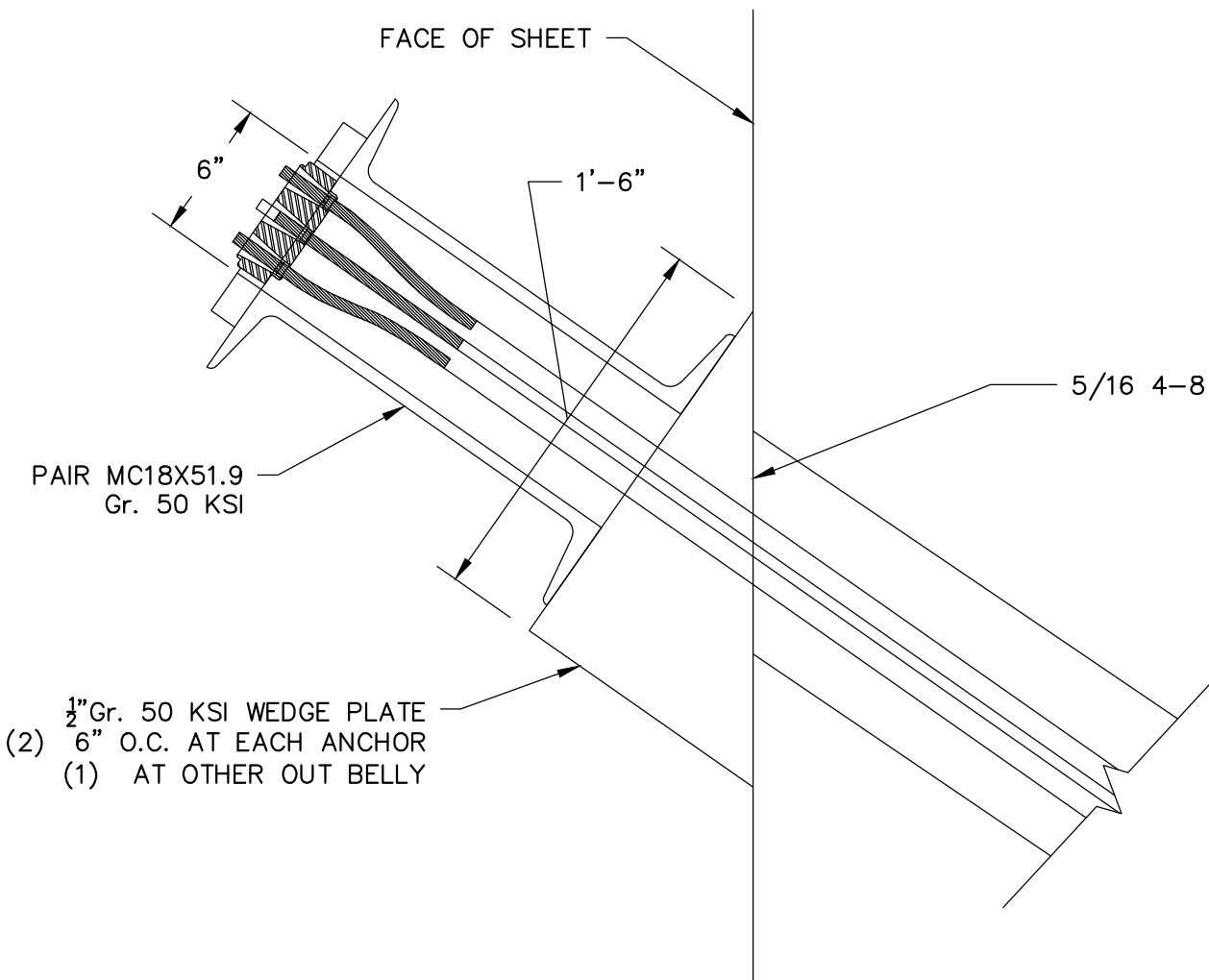
P = 140 KIPS FOR 4 STRANDS

P = 175 KIPS FOR 5 STRANDS

P = 210 KIPS FOR 6 STRANDS

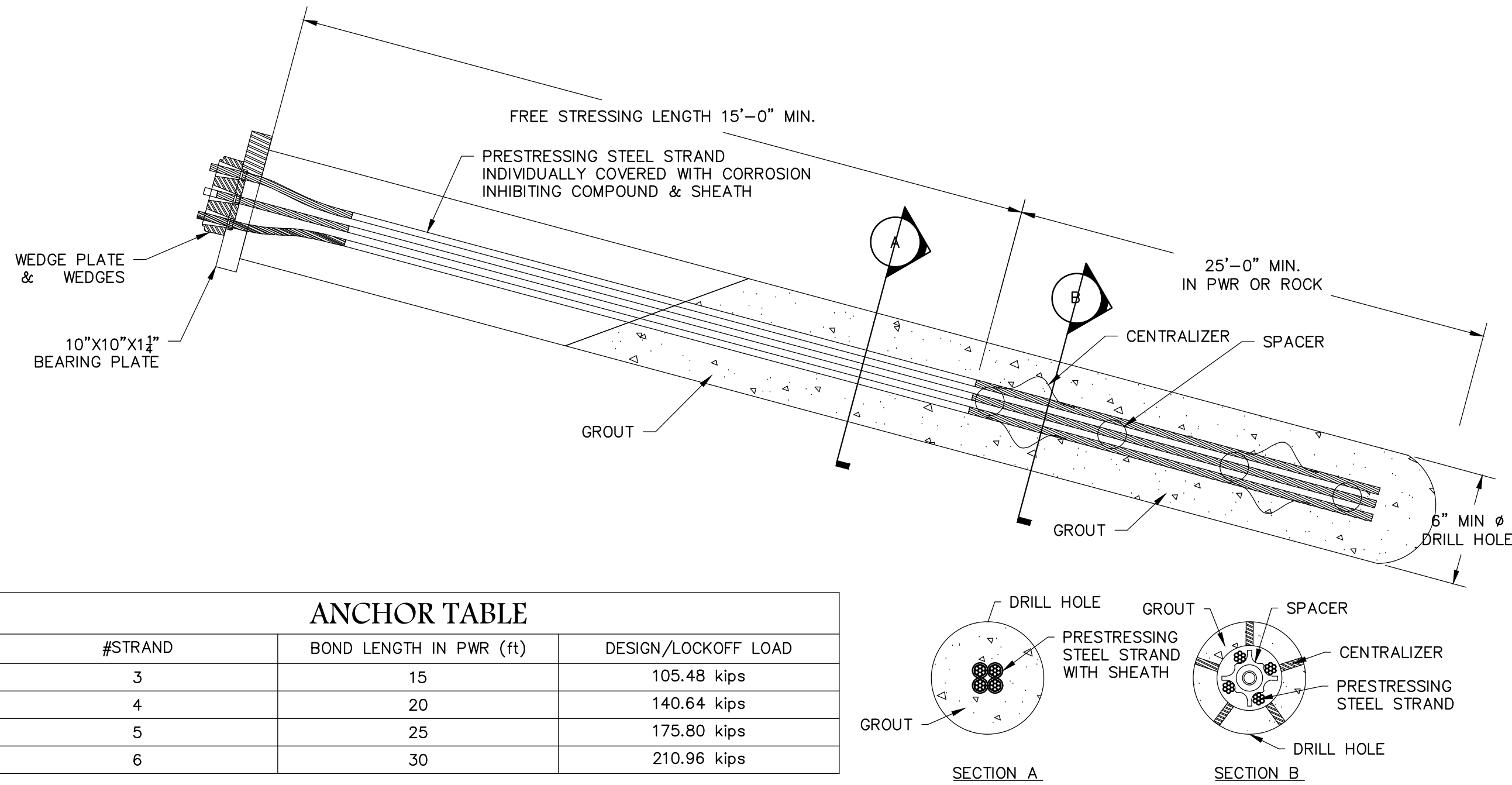
4. THE TEST ANCHOR SHALL BE MONITORED FOR CREEP AT THE 1.33P LOAD INCREMENT. TOTAL ELONGATIONS SHALL BE RECORDED AT 1,2,3,4,5,6,10. IF THE CREEP MOVEMENT BETWEEN 1 AND 10 MINUTES EXCEEDS 0.040 INCHES THE TEST LOAD SHALL BE MAINTAINED FOR AN ADDITIONAL 50 MINUTES AND THE MOVEMENT READINGS SHALL BE RECORDED 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 HEAD DETAIL

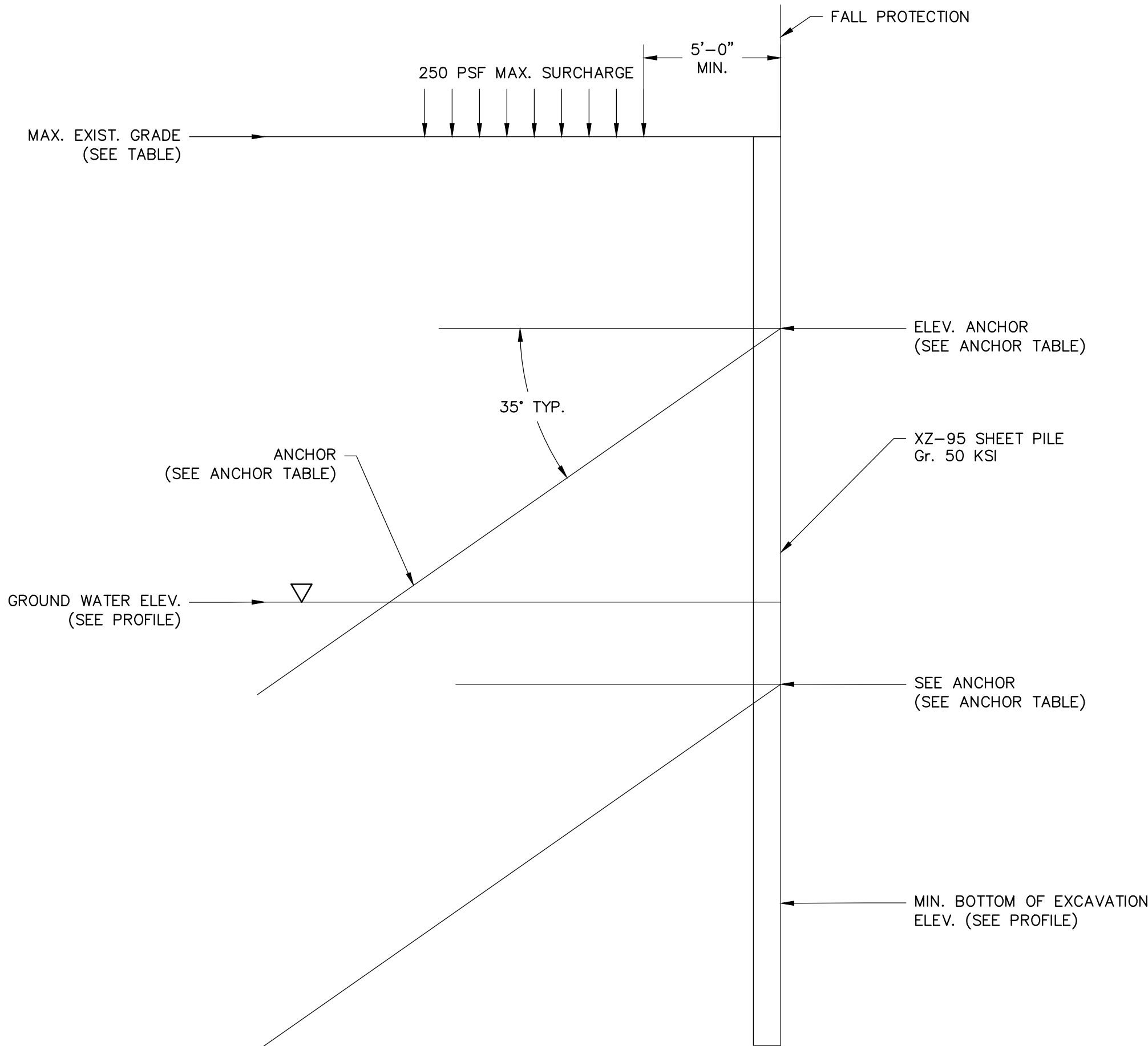
N.T.S.



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.

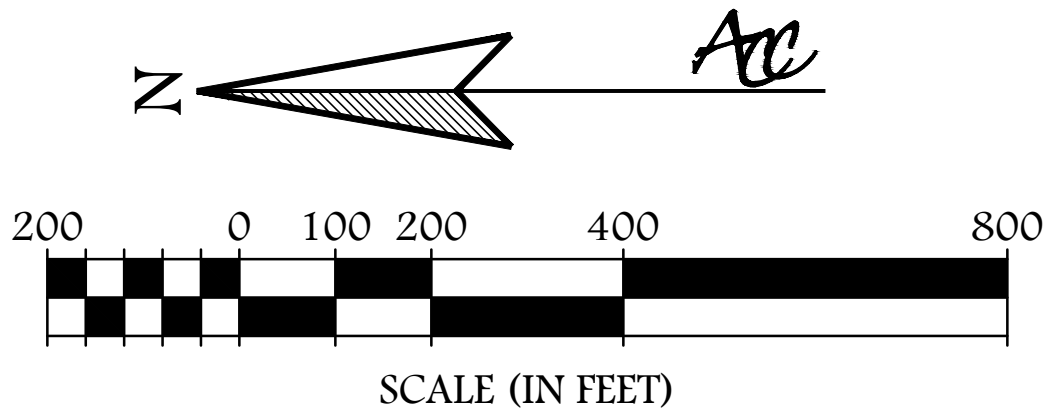
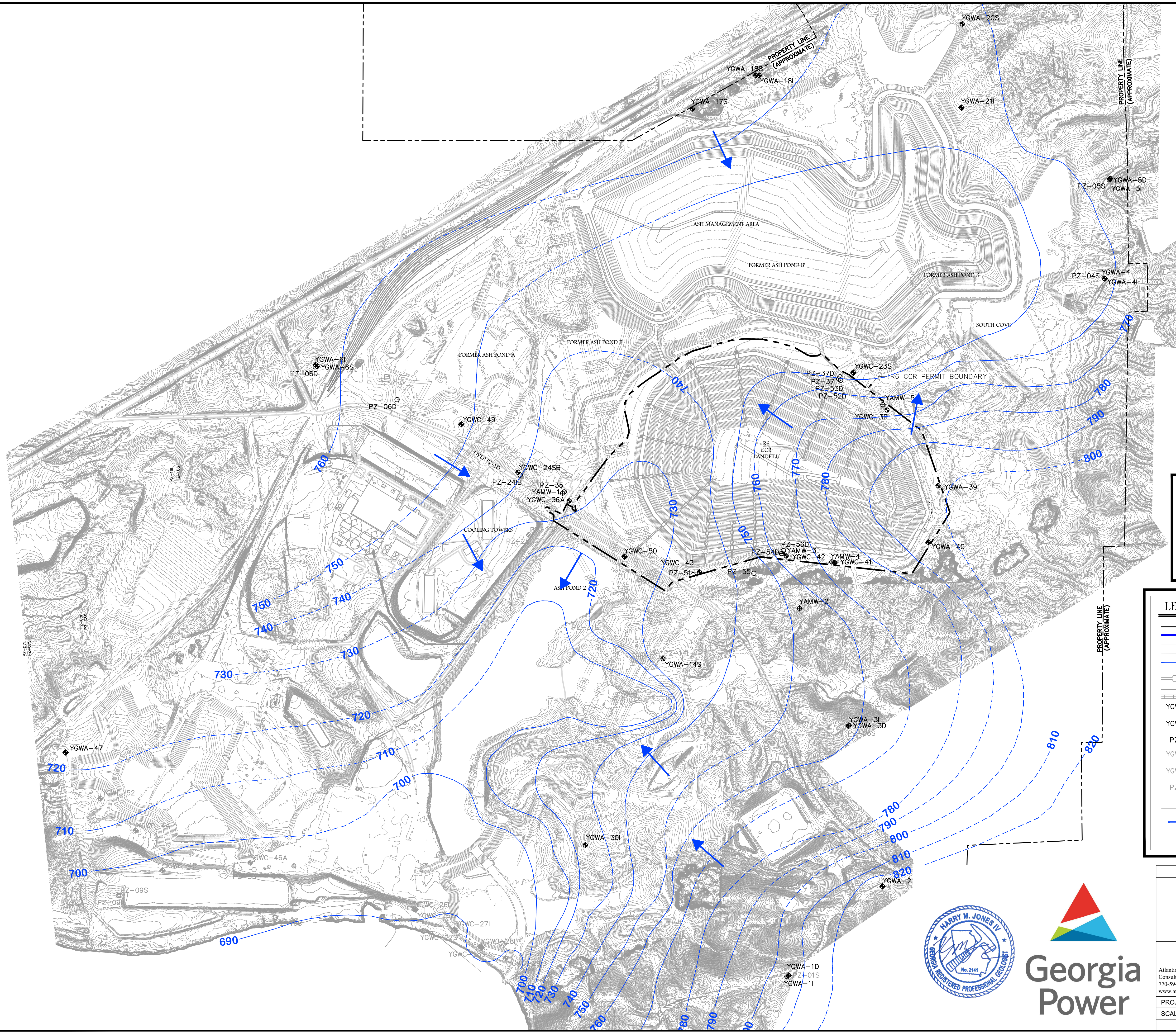


TEMPORARY SHEET PILE EARTH RETENTION TYPICAL SECTION

N.T.S.



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.atcc.net		11545 Wills Road Suite 100 Alpharetta, GA 30009	
PROJ. NO.	I054-107-R6	DWG.	EDIT 06/24/26
SCALE	N/A	SHEET 6 OF 9	
NOVEMBER 2018			



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' CONTOUR
	2' CONTOUR
	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



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

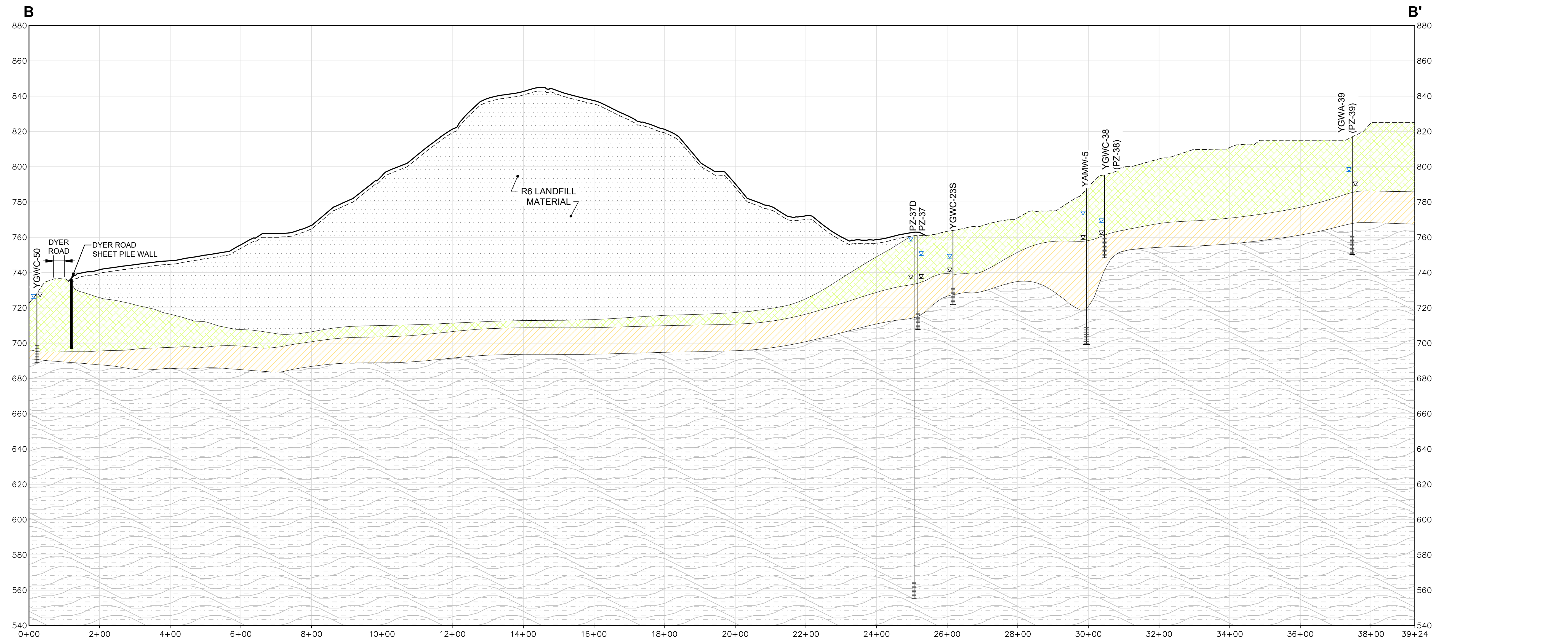


Atlantic Coast
Consulting, Inc.
770-594-5998
www.atlcc.net

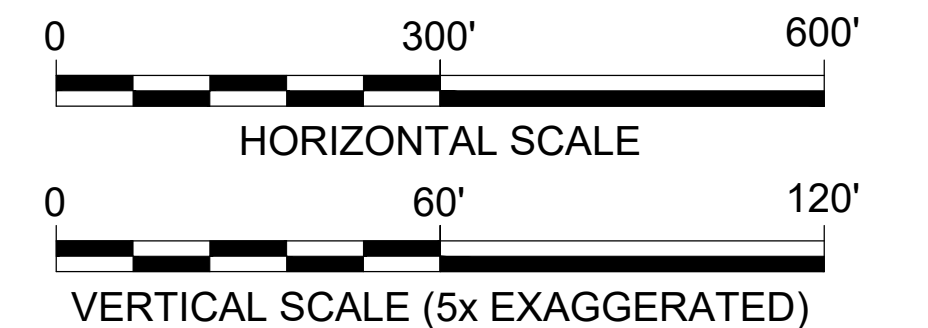
11545 Wills Road
Suite 100
Alpharetta, GA 30009

PROJ. NO.	1054-107-R6	DWG.	EDIT	06/24/26
SCALE	1" = 250'			
	NOVEMBER 2018			
		SHEET	7	OF 9

C:\Users\declercq\Documents\Arcadis ACC USA\US-99999999-GA POWER_PLANT YATES_NEWNAN_GA\Project Files\10_WIP\101_ARC_ENV\2026\01-DWG\GF_Fig 9_Cross-Sections.dwg BY: DECLERCQ, BRIAN SAVED: 6/10/2026 12:02 PM



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



CROSS SECTION B			
CLOSURE DRAWINGS			
FOR			
GEORGIA POWER			
PLANT YATES			
INACTIVE CCR LANDFILL - R6 CCR LANDFILL			
COWETA COUNTY, GEORGIA			
Arcadis U.S., Inc. 770-431-8666 www.arcadis.com		2839 Paces Ferry Rd. Suite 1000 Atlanta, GA 30339	
PROJ. NO.	1054-107-R6	DWG.	EDIT
SCALE	JUNE 2026	SHEET 9 OF 9	