

**HISTORY OF CONSTRUCTION**  
**40 C.F.R. 257.100(f)(2)(ii) and 40 CFR 257.73(c)(1)(i)-(xii)**  
**PLANT ARKWRIGHT ASH POND (AP-1)**  
**GEORGIA POWER COMPANY**

A rule amendment to the Federal Coal Combustion Residuals (CCR) Rule (40 C.F.R. Part 257) became effective on November 8, 2024. See Hazardous and Solid Waste Management System: Disposal of Coal Combustion Residuals from Electric Utilities; Legacy CCR Surface Impoundments, 89 Fed. Reg. 38950 (“Legacy Rule”). The Legacy Rule defines the term “legacy CCR surface impoundment” and establishes regulatory requirements for units that meet the definition of a legacy CCR surface impoundment. The Legacy Rule requires the owner or operator of a legacy CCR surface impoundment to compile a history of construction. See 40 C.F.R. § 257.100(f)(2)(ii); 40 C.F.R. § 257.73(c)(1)(i)-(xii). To the extent feasible, the following information is provided:

***(i) Site Name and Ownership Information:***

Site Name:	Plant Arkwright
Location:	Macon, Georgia
Site Address:	5241 Arkwright Road Macon, GA 31210
Owner:	Georgia Power Company
Owner Address:	241 Ralph McGill Blvd Atlanta, GA 30308
Point of Contact:	Manager Environmental Affairs Georgia Power Company BIN 10221 Atlanta, Georgia 30308 (404) 506-6505
CCR Impoundment Name:	Plant Arkwright Ash Pond 1 (AP-1)
Identification Number:	GA Solid Waste Permit No. 011-030D(LI)

***(ii) CCR Unit Location Map:***

32.9194N, 83.6983 W  
See Location Map in the Appendix

***(iii) Purpose of CCR Unit:***

Plant Arkwright was a four (4) coal fire unit electric generating facility that began operation in 1941 and was retired in 2002. Demolition of the plant was completed in 2003. Plant Arkwright historically utilized three (3) ponds in the management of coal combustion residuals (CCR). AP-1 was designed to receive and store CCR produced during the electric generating process at Plant Arkwright and was in operation from 1941 until 1977.

Final cover was installed on AP-1 and AP-1 no longer impounds water or receives waste. Closure construction activities completed on AP-1 have rendered the former surface impoundment incapable of receiving, discharging or impounding water.

***(iv) Watershed Description:***

Plant Arkwright is located within the Beaverdam Creek-Ocmulgee River (030701031601) HUC-12 watershed, which has a total area of 28,931 acres. AP-1 is located entirely within the Beaverdam Creek-Ocmulgee River watershed.

***(v) Description of Physical and Engineering Properties of CCR Unit Foundation/Abutments:***

AP-1 lies within the Piedmont physiographic province of north-central Georgia. The Piedmont Physiographic Province is characterized by Mesoproterozoic to Paleozoic metamorphic and igneous rocks that have been folded and faulted through multiple orogenies. The residual soils underlying AP-1 are the result of weathering of the underlying bedrock. AP-1 is founded on biotite gneiss, and the nearest fault is the Goat Rock Fault, which lies approximately five (5) miles north of the site.

In general, the foundation abutment soils consist of undisturbed residual soils varying from a firm to stiff silty clay, loose to medium dense silty sand, and medium dense to dense sand and gravel overlying weathered bedrock and/or bedrock. A loose alluvial sand, approximately 10 feet thick, was identified as a foundation soil in the northernmost portion of AP-1 close to the Ocmulgee River. The residual soils range in thickness from 10 feet to 35 feet.

The dams at AP-1 were constructed of compacted clayey and sandy fill. This fill was obtained from the foundation materials in the interior of the unit or from a borrow area on site.

***(vi) Summary of Site Preparation and Construction Activities:***

The main dams were originally constructed around 1941 and created the AP-1 unit covering approximately 31.74 acres. The northern portion of AP-1 was created by construction of a main dam across a valley on the north end. The southern portion of AP-1 was created by construction of a main dam, which bounds the south pond on the east, south and west sides. CCR was sluiced behind the original dams and stacked above and outside of the original dams.

AP-1's impounding dams are homogenous structures comprised of compacted residual borrow soils supported above the residuum foundation soils. The northern dam has a height ranging from integration with the ground surface to 20 feet. The southern dam has a height ranging from 20 feet to 30 feet. The dams were single-staged construction to elevation 330 ft. Records indicate that the fill for dam construction was placed in controlled lifts and compacted. The upstream and downstream slopes are graded at 2H:1V.

A final closure cover system consisting of two (2) feet of soil was placed and graded to drain on the site in 1990. Re-grading and stabilization of the riverbank and creek bank occurred in two phases in 2004 and 2007. Stabilization along the riverbank consisted of constructing gabions along segments of the Ocmulgee riverbank, adding riprap to two heavily wooded segments, and planting live willow tree stakes to help further stabilize the riverbank. The Beaverdam Creek bank was stabilized using riprap only. Additionally, the slopes and top of the AP-1 Landfill were re-graded by relocating CCR and placing additional cover soil. A Closure Certificate was issued by GA EPD for AP-1 on July 30, 2010 and tracking number 011-030D(LI) was assigned.

In 2023, CCR was removed from the southernmost area of AP-1, referred to as the South Point, under an EDP approved minor permit modification. CCR was relocated from the South Point to the northern portion of AP-1 to reduce the potential for slope erosion, enable better access for maintenance activities, and improve the ability of desired vegetation to take hold. After relocation of CCR, a cover system of soil with vegetation or rip rap was established in all areas of ground disturbance. CCR removal activities and establishment of the cover system were observed and certified by a third-party Professional Engineer. EPD acknowledged removal of CCR in the South Point area on August 28, 2024.

***(vii) Engineering Diagrams:***

The following documents, reflecting the design of the Plant Arkwright AP-1 unit, can be found in the Appendix:

- Site Location Map
- Aerial View
- Georgia Power Company Drawing G-8 – 1942 (Redrawn 1981) Plan Showing Plant Layout, Excavation and Disposal Areas
- Georgia Power Company Drawing D-8084 – 2003 Ash Pond 1 Final Grading Plan
- Georgia Power Company Drawing D-8085 – 2003 Ash Pond 1 Sections and Details
- Georgia Power Company Drawing D-8087 – 2003 Ash Pond 1 Closure Overall Plant and Facility Layout
- Georgia Power Company Drawing D-8088 – 2003 Ash Pond 1 Closure General Layout Including Areas, Sections and Borings
- Georgia Power Company Drawing D-8089 – 2003 Ash Pond 1 Closure Upper Slope Cross-Sections
- Georgia Power Company Drawing D-8091 – 2003 Ash Pond 1 Closure Expanded Plan View Area 2A (Hard Point), Section Above Rip-Rap and on Soil Bank
- Georgia Power Company Drawing D-8092 – 2003 Ash Pond 1 Closure Expanded Plan View Areas 2B and 2C, Typical Gabion Sections
- Georgia Power Company Drawing D-8093 – 2003 Ash Pond 1 Closure Expanded Plan View Area 2D, 3, and 4, Gabion Sections for 2D and 3
- Georgia Power Company Drawing D-8094 – 2003 Ash Pond 1 Closure Expanded Plan View Areas 5, 6 and 7, Section of Live Staking Details
- Georgia Power Company Drawing H-8128 – 2006 Ash Pond 1 Closure Plan Riverbank Stabilization and Grading Plan
- Georgia Power Company Drawing H-8129 – 2006 Ash Pond 1 Closure Plan Area 1A Riverbank Sections
- Georgia Power Company Drawing H-8130 – 2006 Ash Pond 1 Closure Plan Area 1C and 1D Riverbank Sections
- Georgia Power Company Drawing H-8131 – 2006 Ash Pond 1 Closure Plan Area 1 Misc. Details
- Georgia Power Drawing 03\_175518230C-301-EX\_COND – 2023 AP1 Landfill South Point Improvements Existing Conditions
- Georgia Power Drawing 06\_175518230C-307-STAGE4 – 2023 AP1 Landfill South Point Improvements CCR Excavation
- Georgia Power Drawing 07\_175518230C-308-REST\_PLAN – 2023 AP1 Landfill South Point Improvements Restoration Plan
- Georgia Power Drawing 14\_175518230C-401-PROF – 2023 AP1 Landfill South Point Improvements CCR Removal Cross Sections

***(viii) Description of Instrumentation:***

There is no instrumentation installed at Plant Arkwright AP-1.

***(ix) Area-Capacity Curves:***

AP-1 can no longer impound free water, and an area-capacity curve is not applicable. All surface run-off from the area of AP-1 is routed off-site.

***(x) Spillways and Diversion Design Features and Capacity Calculations***

Currently, AP-1 does not have a spillway and does not impound water. Stormwater from the AP-1 cap is collected in grass lined and armored (e.g., riprap lined and turf reinforcement matted) ditches and directed towards multiple stormwater outfalls around the unit. The current closed drainage configuration was designed for a 25-year, 24-hour storm event and evaluated for the 100-year, 24-hour storm event.

***(xi) Construction Specifications and Provisions for Surveillance, Maintenance and Repair:***

Due to the age of the facility, construction specifications were not available. Inspections of AP-1 dams are conducted on a regular basis, currently semi-annually by professional dam safety engineers and on a 7-day interval by trained plant personnel. In addition, inspections are performed after any unusual circumstance, which is procedurally defined as an elevated rain event, post storm (hurricane, flood, etc.), post flood event (if adjacent to a river or stream), high tide (if applicable), earthquake, or blasting or demolition activities with vibrational impacts (stack drops, etc.). The inspections provide assurance that structures are sound and that action is taken, as needed, based on the findings. Safety inspections include numerous checklist items. Specific items vary from site to site but may include observations of such things as river levels, weather conditions, rainfall since the prior inspection, conditions of slopes and drains, erosion, animal damage, ant hills, alignment of retaining structures and more. Dam safety engineers assess instrument readings, inspect any maintenance or remediation performed since the previous inspection, check the status of work recommended at prior inspections, ensure that emergency notification information is current and evaluate any items noted during plant personnel inspections.

***(xii) Known Record of Structural Instability:***

There are currently no known stability issues with AP-1. However, there have been four (4) slope stability issues around the perimeter slopes of the AP-1 dam bordering the Ocmulgee River and Beaverdam Creek. Records indicate that slips occurred in 1973, 1982, 1994, and in 1998. Inspection records and discussions with plant personnel noted that slope instabilities typically occurred following river flooding events along the perimeter of the facility. Following identification of a slope stability issue during inspections, recommendations to stabilize the toe of the instability and address exposed CCR were included in the inspection reports. Inspection records and discussions with plant personnel established that repairs were implemented per the recommendations. As noted, historic records and inspection reports reviewed did not identify any other structural instability issues associated with AP-1.

## **Appendix**

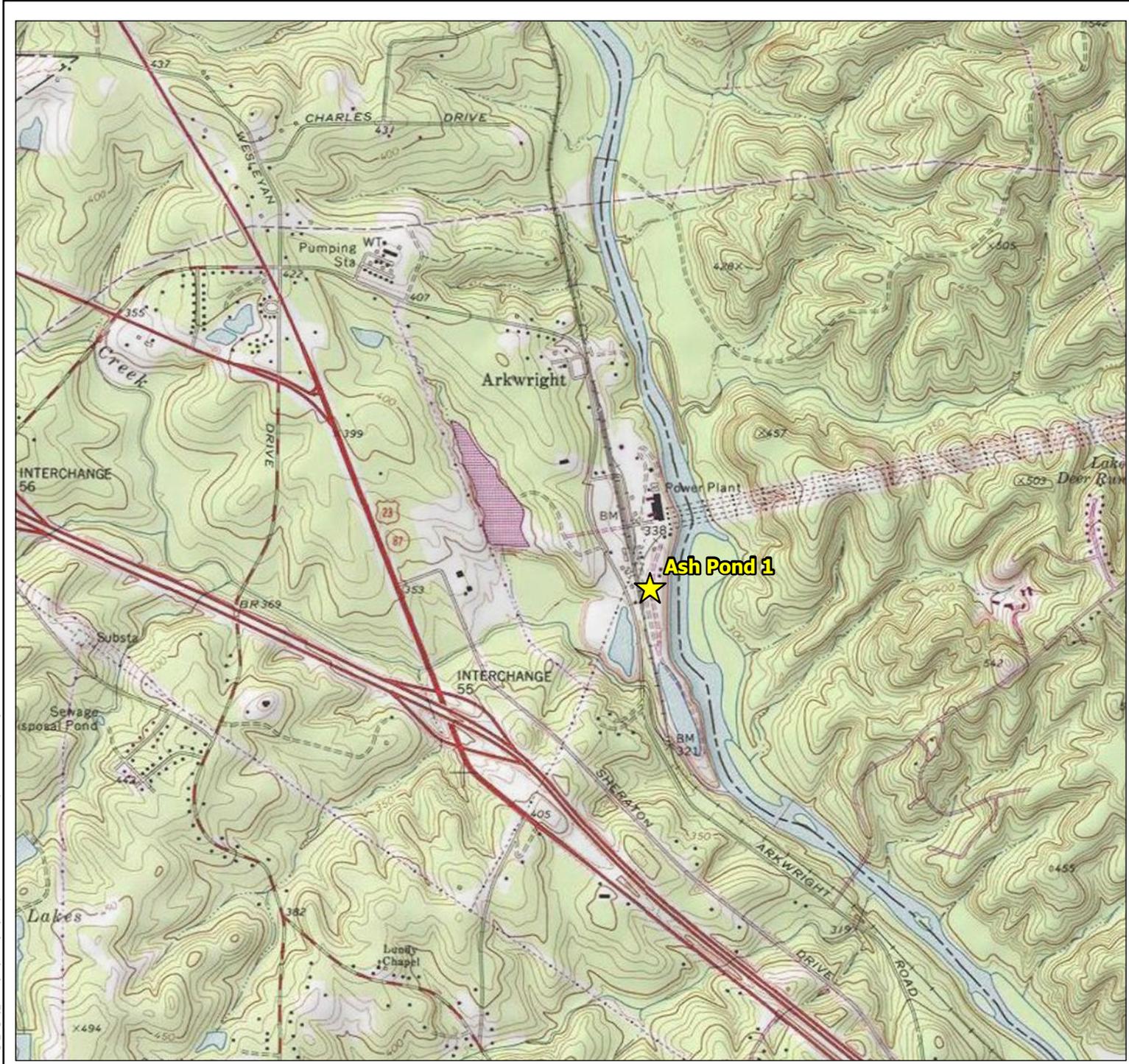


Figure No.  
**1**

Title  
**Ash Pond 1 Location**

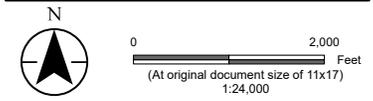
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Client/Project  
Georgia Power  
Plant Arkwright Legacy Rule 175578882

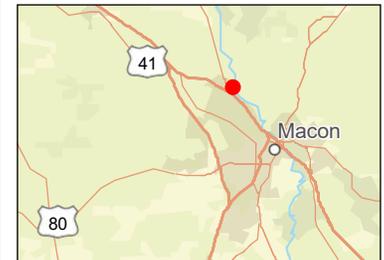
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Project Location  
City of Macon  
Bibb County, Georgia

Prepared by WSW on 2025-09-25  
TR by AT on 2025-09-25



Legend  
 Ash Pond Location



Notes  
 1. Coordinate System: NAD 1983 StatePlane Georgia West FIPS 1002 Feet  
 2. Unit locations courtesy of Georgia Power  
 3. Background: Main Map basemap courtesy of ESRI USA Topo Maps and Key Map basemap courtesy of ESRI World Street Map.



Z:\Arkwright\_Legacy\_Rule\MyProject\MyProject.aprx - API Elite Location - Exported: 09/25/2025 - By: BWHEATLEY



**Plant Arkwright Aerial View**

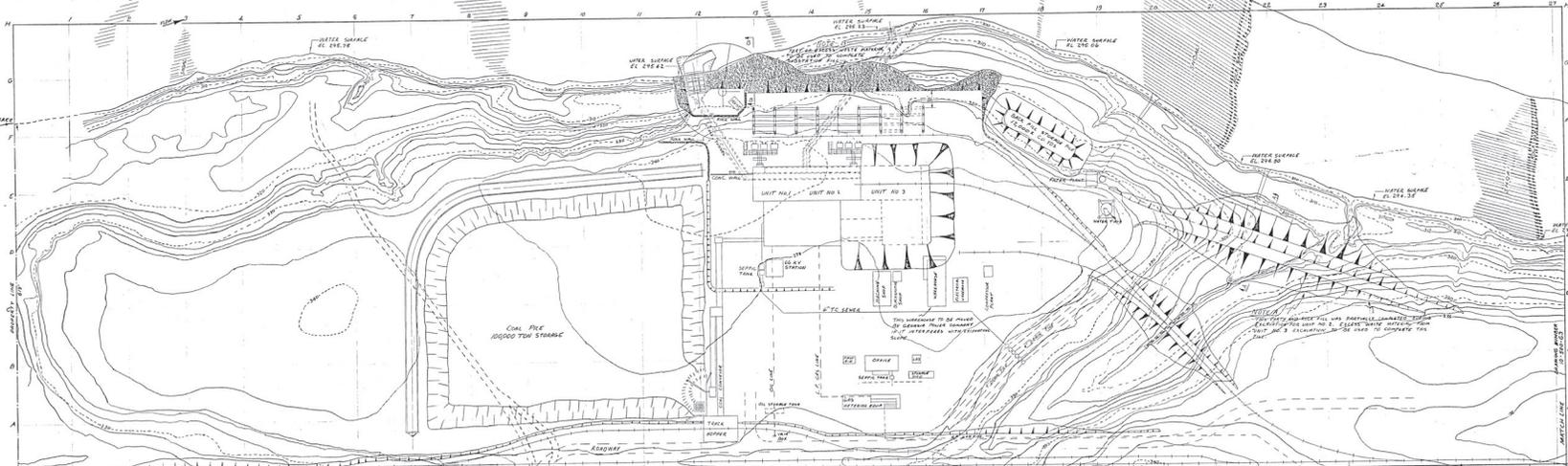
U. I. ARMY RIFLE RANGE  
U. I. ARMY RIFLE RANGE

PROPERTY OF  
U. I. RESETTLEMENT ADMINISTRATION  
PROPERTY OF  
U. I. RESETTLEMENT ADMINISTRATION  
TRACT NO. 10  
FORMERLY "S. BRIDEN ESTATE"

OCMULGEE RIVER

SECTION 2-13 (SEE VIEW A)  
SCALE 1"=20'

SECTION A-A (SEE VIEW A)  
SCALE 1"=20'



NOTE  
HATCHED CRACKS HATCHED AND CIRCLED IN  
PLAN SHOW WHERE TO BE GOLF BY CONTRACTOR  
FOR UNIT NO. 3 EXCAVATION  
REVISION ON 11-12-33  
EXACT DUPLICATE OF ORIGINAL DRAWING

1/4 MILE TO HAZEN TERMINAL STATION

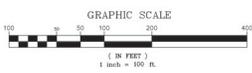
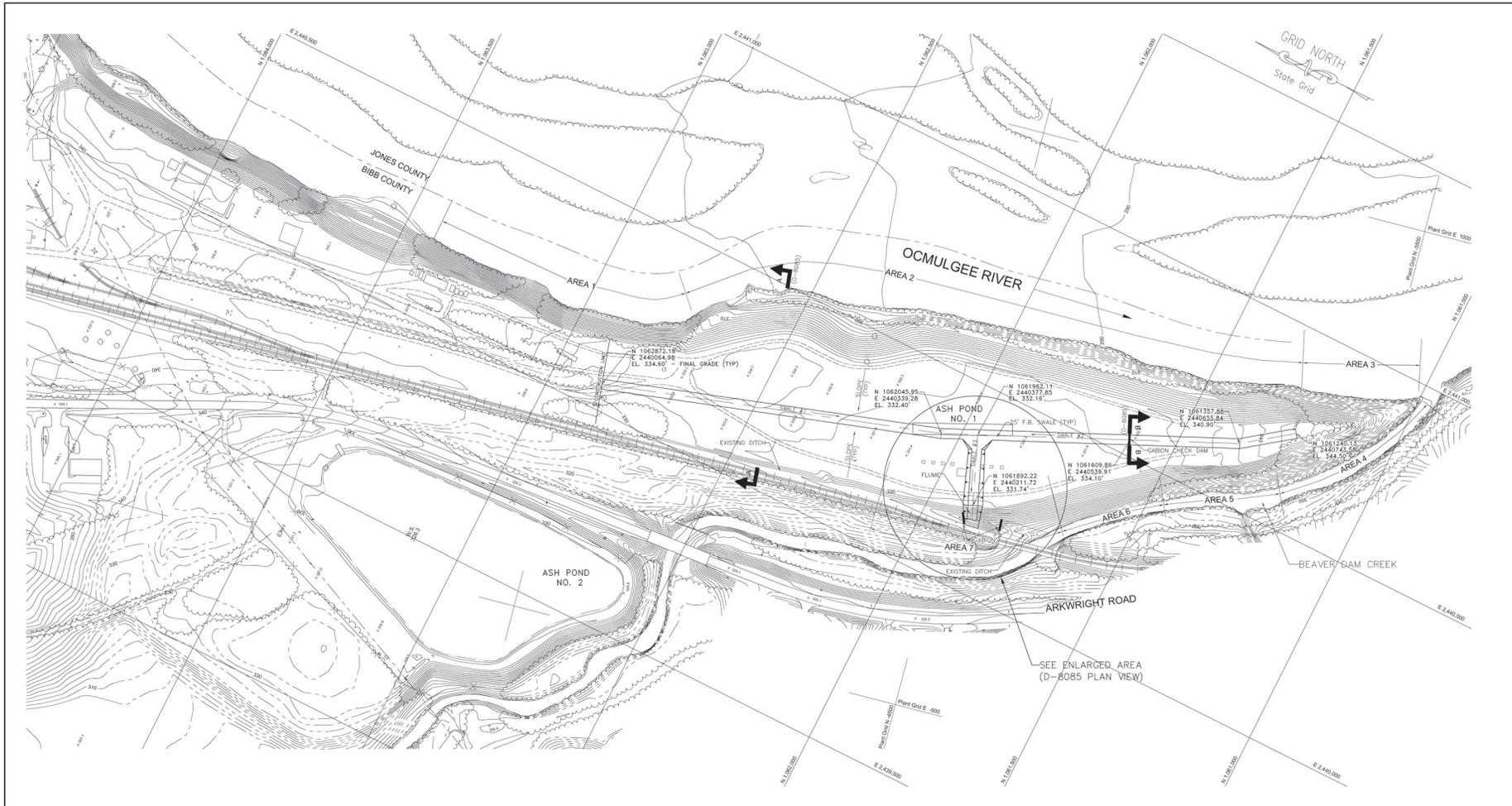
GEORGIA POWER CO. ATLANTA, GA.  
ENGINEERING DEPARTMENT

PLANT ARCHWRIGHT  
PLAN SHOWING PLANT LAYOUT,  
EXCAVATION AND DISPOSAL AREAS  
PLANT ARCHWRIGHT  
PLAN SHOWING PLANT LAYOUT,  
EXCAVATION AND DISPOSAL AREAS

SCALE  
1"=20'

NO. 10-500 6-8

INFORMATION ONLY



**LEGEND:**

--- FENCE LINE	□ BUILDING	⊕ MANNHOLE
--- WATER COURSE	⊥ HEADWALL/CULVERT	⊕ POWER POLE
--- TREE LINE	⊥ CATCH BASIN	⊕ LIGHT POLE
○ SINGLE TREES	⊥ DROP INLET	⊕ STREET LAMP
--- TRAIL	--- INDEX CONTOUR	--- GUY WIRE
--- PAVED ROAD W/O CURB	--- INTERMEDIATE CONTOUR	⊕ TRANSFORMER
--- UNPAVED ROAD	⊕ SPOT ELEVATION	⊕ SIGNS 1 & 2 POST
--- UNPAVED ROAD	⊕ S.P.S. SURVEY MONUMENT	⊕ HYDRANT
--- WALL	⊕ RAILROAD	⊕ UNKNOWN OBJECTS
--- GUARD RAIL	EL. 334.6' INDICATES FINAL GRADE ELEVATION	
● SLOPE STABILITY BORINGS		
▲ PREVIOUS BORINGS FOR ASH VOLUMES		

- REFERENCES:**
- D-8085 - ASH POND 1 CLOSURE-GENERAL ARRANGEMENT
  - D-8085 - ASH POND 1 CLOSURE-SECTIONS AND DETAILS
  - D-8087 - ASH POND 1 CLOSURE-ORIGINAL PLANT AND FACILITY LAYOUT
  - D-8088 - ASH POND 1 CLOSURE-GENERAL LAYOUT
  - D-8088 - ASH POND 1 CLOSURE-UPPER SLOPE GRIDS SETTINGS
  - D-8091 - ASH POND 1 CLOSURE-EXPANDED PLAN VIEW AREA 2A
  - D-8092 - ASH POND 1 CLOSURE-EXPANDED PLAN VIEW AREA 2B & 2C
  - D-8093 - ASH POND 1 CLOSURE-EXPANDED PLAN VIEW AREA 2D, 3, & 4
  - D-8094 - ASH POND 1 CLOSURE-EXPANDED PLAN VIEW AREA 5, 6, & 7

- NOTES:**
- 1) TOPOGRAPHIC DATA PROVIDED BY METRO ENGINEERING AND SURVEYING COMPANY, INC. DRAWING 14-48-18, OCTOBER 31, 2001.
  - 2) CONTOUR INTERVAL IS 2 FOOT.

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AutoCAD JAB - 02

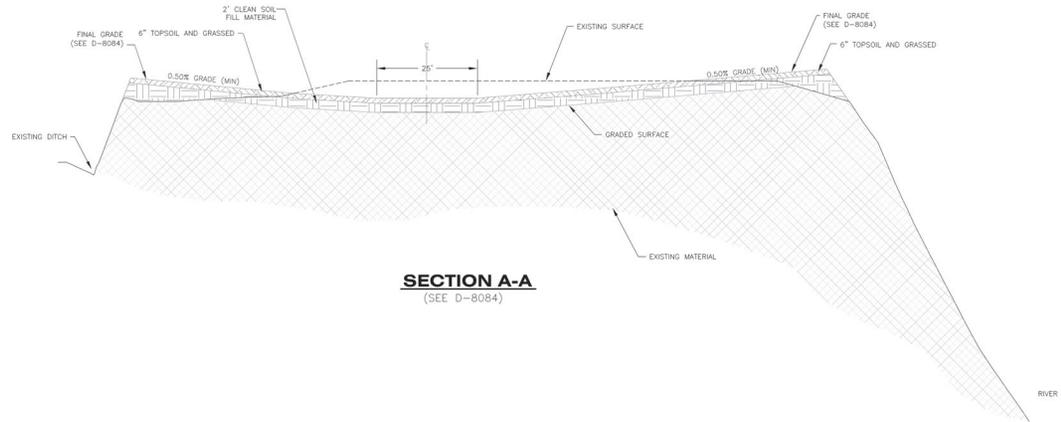
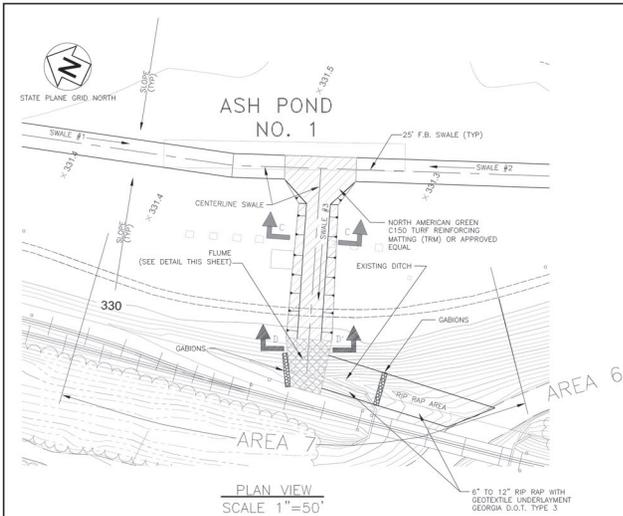
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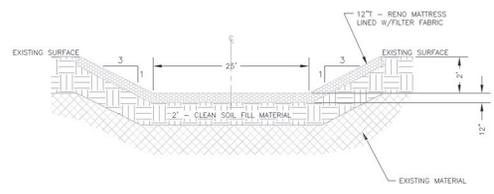
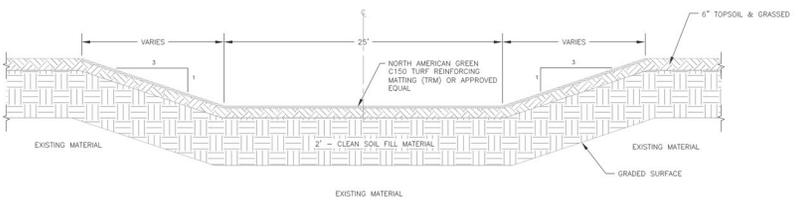
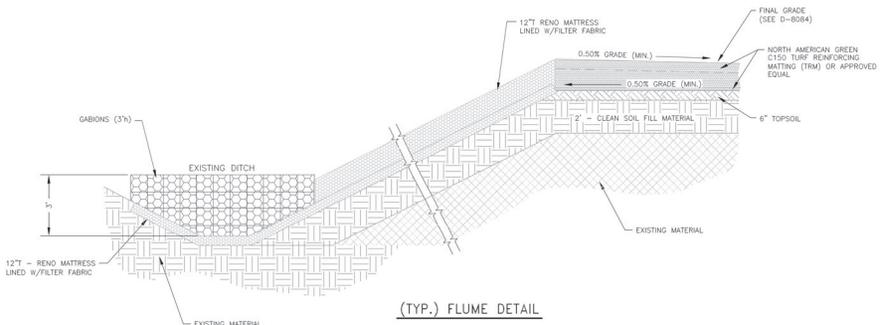
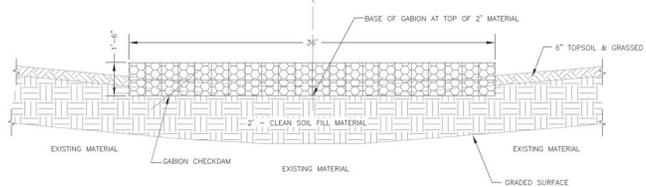
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APPROVED: JAB	RWT	DATE: 11-05-03	DATE: 11-05-03	DATE: 11-05-03	DATE: 11-05-03	DATE: 11-05-03	DATE: 11-05-03	DATE: 11-05-03
APPROVED: RMF	RWT	DATE: 11-05-03	DATE: 11-05-03	DATE: 11-05-03	DATE: 11-05-03	DATE: 11-05-03	DATE: 11-05-03	DATE: 11-05-03

**GEORGIA POWER COMPANY**  
 PLANT ARKWRIGHT  
 ASH POND 1 CLOSURE  
 FINAL GRADING PLAN

**D-8084**



**NOTE:**  
1) GRASS ALL DISTURBED AREAS NOT OTHERWISE PROTECTED.



- REFERENCES:**
- D-8083 - ASH POND 1 CLOSURE-GENERAL ARRANGEMENT
  - D-8084 - ASH POND 1 CLOSURE-FINAL GRADING PLAN
  - D-8087 - ASH POND 1 CLOSURE-OVERALL PLANT AND FACILITY LAYOUT
  - D-8088 - ASH POND 1 CLOSURE-GENERAL LAYOUT
  - D-8089 - ASH POND 1 CLOSURE-UPPER SLOPE CROSS SECTIONS
  - D-8091 - ASH POND 1 CLOSURE-EXPANDED PLAN VIEW AREA 2A
  - D-8092 - ASH POND 1 CLOSURE-EXPANDED PLAN VIEW AREA 2B & 2C
  - D-8093 - ASH POND 1 CLOSURE-EXPANDED PLAN VIEW AREA 3D, 3, & 4
  - D-8094 - ASH POND 1 CLOSURE-EXPANDED PLAN VIEW AREA 5, 6, & 7

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PLANT ARKRIGHT

ASH POND 1 CLOSURE

SECTIONS AND DETAILS

SHEET 1 OF 1 SHEETS

REV 0

REV 0 DATE:11-05-03  
ISSUED FOR CONSTRUCTION  
JOB NO. 3553 EV

DESIGNER: J.F.F.  
CHECKED: F.B.B.  
DESIGNED: S.C.E.  
APPROVED: JAB RWT  
SUPERVISOR: RMF

SCALE: NONE

**D-8085**

REV 0

GENERAL NOTE  
 DASHED CONTOURS AND SHADDED AREAS ARE AREAS  
 OCCUPIED BY DENSE FOLIAGE OR SHADOWS,  
 AND SHOULD BE FIELD VERIFIED FOR ANY DESIGN  
 AND/OR CONSTRUCTION.



- REFERENCE DRAWINGS:
- D-8083 - PLANT ARKWRIGHT ASH POND 1 CLOSURE GENERAL ARRANGEMENT
  - D-8084 - PLANT ARKWRIGHT ASH POND 1 CLOSURE FINAL GRADE PLAN
  - D-8085 - PLANT ARKWRIGHT ASH POND 1 CLOSURE SECTIONS AND DETAILS
  - D-8088 - PLANT ARKWRIGHT ASH POND 1 GENERAL LAYOUT INCLUDING AREAS, SECTIONS AND BORINGS
  - D-8089 - PLANT ARKWRIGHT ASH POND 1 UPPER SLOPE CROSS-SECTIONS
  - D-8091 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2A
  - D-8092 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2B & 2C
  - D-8093 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2D, 3 & 4
  - D-8094 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 5, 6, & 7

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PLANT ARKWRIGHT  
 ASH POND 1 CLOSURE  
 OVERALL PLANT AND FACILITY LAYOUT

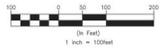
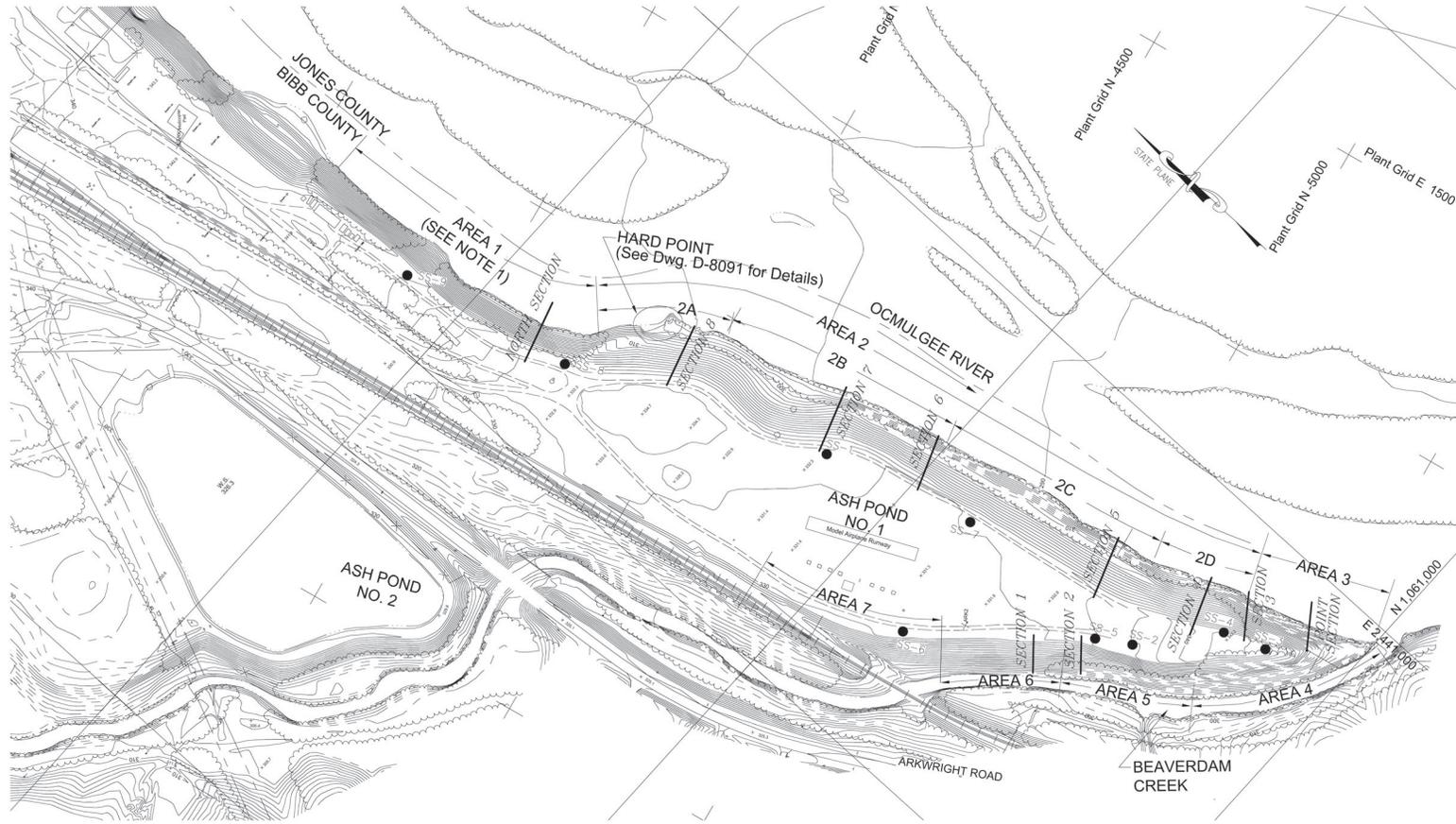
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 SHEET 1 OF 1 SHEETS  
 SCALE: 1" = 200'  
 SUPERSEDES: **D - 8087**

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REV.	DATE:	REV.	DATE:	REV. 0	DATE: 11/05/03
ISSUED FOR CONSTRUCTION					
APPROVED: JAB		APPROVED: DVM		DESIGNED: HLH	CHECKED: RMF
				DESIGNED: RMF	CHECKED: RMF

**LEGEND**

—	FENCE LINE	□	BUILDING	●	MANHOLE
—	WATER COURSE	—	HEADWALL/CULVERT	○	POWER POLE
—	TREE LINE	—	CATCH BASIN	○	LIGHT POLE
○	SINGLE TREES	—	DROP INLET	○	STREET LAMP
—	TRAIL	—	INDEX CONTOUR	—	UTILITY WIRE
—	PAVED ROAD W/O CURB	—	INTERMEDIATE CONTOUR	—	TRANSFORMER
—	UNPAVED ROAD	—	SPOT ELEVATION	—	SILO & S. POST
—	WALL	—	G.P.S. SURVEY MONUMENT	—	HYDRANT
—	GUARD RAIL	—	RAILROAD	—	UNKNOWN OBJECTS



**NOTES:**  
 1) PROJECT HAS BEEN DIVIDED INTO AREAS ACCORDING TO SIMILARITY OF WORK AND BANK STABILIZATION METHODS. SEE DRAWINGS D-8091 THROUGH D-8094 FOR DIMENSIONS AND DETAILS OF WORK FOR EACH AREA.

**REFERENCE DRAWINGS:**  
 D-8063 - PLANT ARKWRIGHT ASH POND 1 CLOSURE GENERAL ARRANGEMENT  
 D-8064 - PLANT ARKWRIGHT ASH POND 1 CLOSURE FINAL GRADE PLAN  
 D-8085 - PLANT ARKWRIGHT ASH POND 1 CLOSURE SECTIONS AND DETAILS  
 D-8087 - PLANT ARKWRIGHT ASH POND 1 OVERALL PLANT AND FACILITY LAYOUT  
 D-8089 - PLANT ARKWRIGHT ASH POND 1 UPPER SLOPE CROSS-SECTIONS  
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 D-8094 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 5, 6 & 7

**LEGEND:**

—x—	FENCE LINE	□	BUILDING	●	MAN-HOLE
—w—w—	WATER COURSE	—(—	HEADWALL/CULVERT	○	POWER POLE
—t—t—t—	TREE LINE	— —	CATCH BASIN	○	LIGHT POLE
○	SINGLE TREES	— —	DROP INLET	○	STREET LAMP
—	TRAIL	— —	INDEX CONTOUR	—	GYLY WIRE
—	PAVED ROAD W/O CURB	— —	INTERMEDIATE CONTOUR	—	TRANSFORMER
—	UNPAVED ROAD	— —	G.P.S. SURVEY MONUMENT	—	SIGNS 1 & 2 POST
—	WALL	—x—	SPOT ELEVATION	—	HYDRANT
—	GUARD RAIL	—x—	R.A.S. SURVEY MONUMENT	—	UNKNOWN OBJECTS
—		—x—	RAILROAD	—	
SS-1	SLOPE STABILITY SOIL BORING LOCATIONS	—		—	

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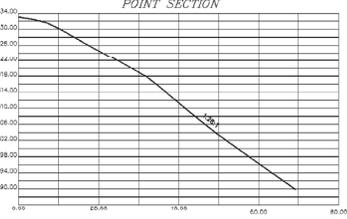
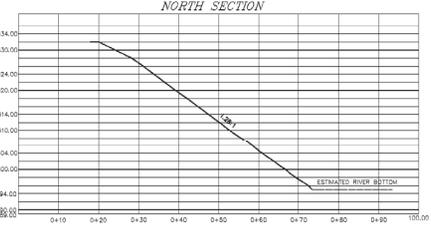
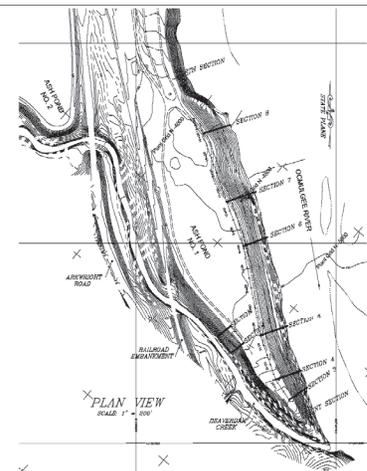
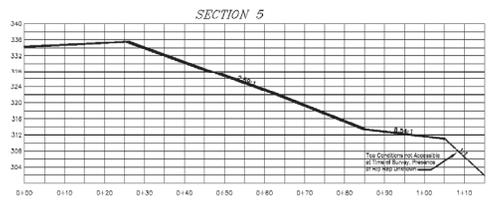
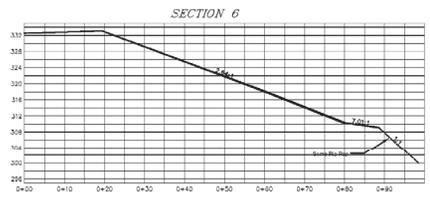
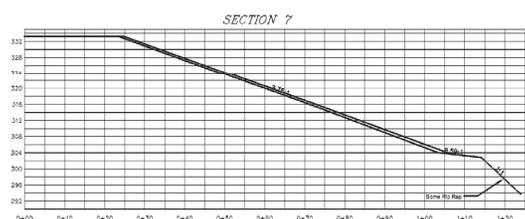
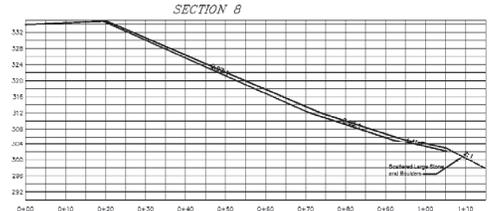
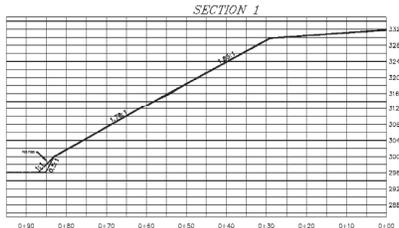
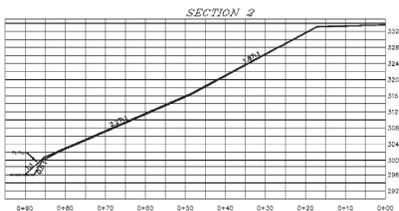
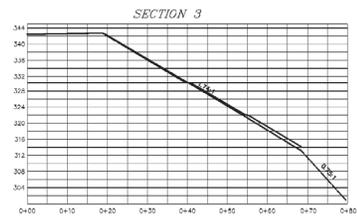
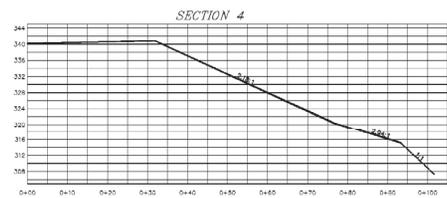
**GEORGIA POWER COMPANY**  
 PLANT ARKWRIGHT  
 ASH POND 1 CLOSURE GENERAL LAYOUT  
 INCLUDING AREAS, SECTIONS AND BORINGS

REV.	DATE:	REV.	DATE:	REV. 0	DATE: 11/05/03
ISSUED FOR CONSTRUCTION					
EARTH SCIENCES AND ENVIRONMENTAL ENGINEERING					
REFERENCE DRAWING ES1197					
JOB NO. 35326V					

DESIGN	ASF	CHECKED	HLH	DESIGNED	RMF
APPROVED	JAB	RMF	DATE		
APPROVED	DWM	DATE			

SHEET 1 OF 1 SHEETS  
 SUPERSEDES

**D - 8088** REV 0



- NOTES**
- CROSS-SECTION SURVEY DATA COLLECTED JUNE 26, 2003
  - DRAWING IS ACCURATE ONLY AT ORIGINAL SCALE
  - SECTIONS 1 - 6 WERE SURVEYED BY CIVIL FIELD SERVICES SURVEY AND MAPPING DEPARTMENT OF SOUTHERN COMPANY SERVICES
  - NORTH SECTION AND POINT SECTION WERE CUT FROM 2001 AERIAL TOPOGRAPHIC MAP
  - ELEVATIONS ARE FEET, MSL DATUM

- LEGEND**
- POINT-TO-POINT PROFILE DATA (DIRECT FROM SURVEY)
  - INTERPOLATED CROSS-SECTION DATA (COMPUTED FROM PROFILE)
  - SLOPE OF COMPUTED CROSS-SECTION DATA
  - ESTIMATED-NOT SURVEYED

- REFERENCE DRAWINGS**
- D-8093 - PLANT ARKWRIGHT ASH POND 1 CLOSURE GENERAL ARRANGEMENT
  - D-8094 - PLANT ARKWRIGHT ASH POND 1 CLOSURE FINAL GRADE PLAN
  - D-8095 - PLANT ARKWRIGHT ASH POND 1 CLOSURE SECTIONS AND DETAILS
  - D-8097 - PLANT ARKWRIGHT ASH POND 1 OVERALL PLANT AND FACILITY LAYOUT
  - D-8098 - PLANT ARKWRIGHT ASH POND 1 CLOSURE GENERAL LAYOUT INCLUDING AREAS, SECTIONS AND BORINGS
  - D-8091 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2A
  - D-8092 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2B & 2C
  - D-8090 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2D, 3 & 4
  - D-8094 - PLANT ARKWRIGHT ASH POND 1 CLOSURE GENERAL LAYOUT INCLUDING AREAS, SECTIONS AND BORINGS

REV.	DATE	REV.	DATE
REV. 8	DATE: 11/26/03		

DESIGNED FOR CONSTRUCTION	ASAP	HLH	RMF
DESIGNED BY	JAB	RUF	
CHECKED BY			

**PLANT ARKWRIGHT ASH DIKE SECTIONS**

The enclosed drawings, including sections, shall be used only in accordance with the standards of the Southern Company. Incomplete portions, use, distortion, reproduction, or alteration of any portion thereof is prohibited.

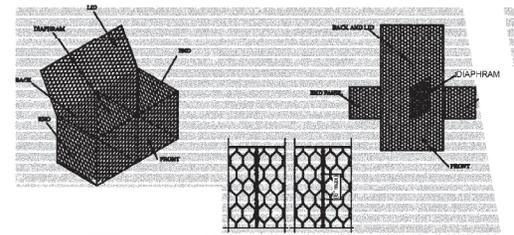
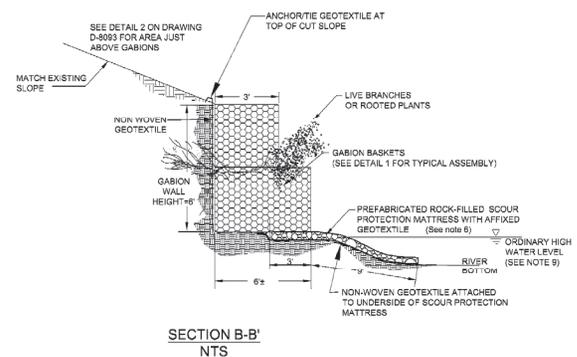
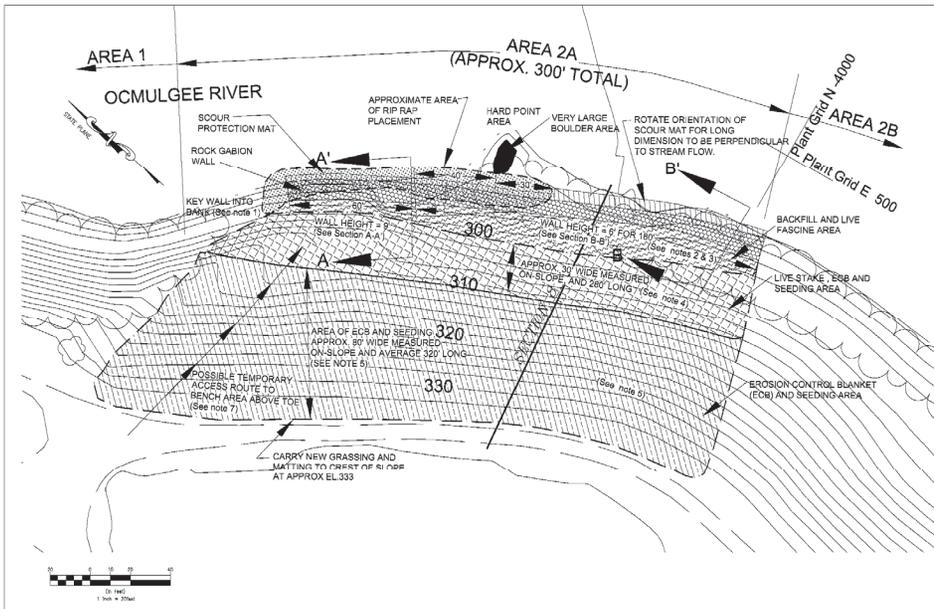
**GEORGIA POWER COMPANY**  
 PLANT ARKWRIGHT  
 ASH POND 1 CLOSURE  
 UPPER SLOPE CROSS-SECTIONS

Southern Company Services, Inc.  
 AS SHOWN

SCALE  
 1" = 10' HORIZONTAL  
 1" = 10' VERTICAL

REV. 8  
 D - 8099

CAD: D8098.DWG  
 AutoCAD ASB - 02

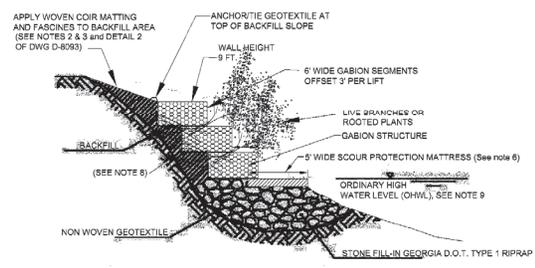


**LEGEND:**

- FENCE LINE
- WATER COURSE
- TYPIC LINE
- SINGLE TREES
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- SPOT ELEVATION
- SLOPE STABILITY SOIL BORING LOCATIONS

**REFERENCE DRAWINGS:**

- D-8093 - PLANT ARKRIGHT ASH POND 1 CLOSURE GENERAL ARRANGEMENT
- D-8094 - PLANT ARKRIGHT ASH POND 1 CLOSURE FINAL GRADE PLAN
- D-8095 - PLANT ARKRIGHT ASH POND 1 CLOSURE SECTIONS AND DETAILS
- D-8097 - PLANT ARKRIGHT ASH POND 1 OVERALL PLANT AND FACILITY LAYOUT
- D-8099 - PLANT ARKRIGHT ASH POND 1 CLOSURE GENERAL LAYOUT INCLUDING AREAS, SECTIONS AND BORINGS
- D-8099 - PLANT ARKRIGHT ASH POND 1 UPPER SLOPE CROSS-SECTIONS
- D-8092 - PLANT ARKRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2B & 2C
- D-8093 - PLANT ARKRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2B, 3 & 4
- D-8094 - PLANT ARKRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 5, 6 & 7



- NOTES:**
- AT UPSTREAM LEADING EDGE OF GABION WALL ANGLE THE WALL APPROX. 30° AND KEY INTO THE EMBANKMENT TO REDUCE EROSION CONCENTRATION AT END OF WALL. FILL IN WITH GEORGIA D.O.T TYPE 1 RIP-RAP AS A WRAPOUND AT THE TOE AND EMBANKMENT/TOE INTERFERENCE.
  - BACKFILL TO BE PLACED IN 6" LIFTES LIFTS CONCURRENT WITH GABION WALL HEIGHT, BUT WITH COMPACTION EFFORT WITH W/IT HAND TAMING EQUIPMENT. BACKFILL MAY BE SOILS REMOVED FROM STREAM BANK AREA TO MATCH GABIONS INTO PLACE. OR FROM APPROVED BORROW AREA. FINAL BACKFILL SURFACE IS TO RECEIVE HEAVY DUTY WOVEN COIR MATTING OF 700 grams per square meter and SEEDING.
  - LIVE FASCINES TO BE PLACED FOR ADDITIONAL BACKFILL EROSION CONTROL. FASCINES INSTALLED AS PER DETAIL 2 OF DRAWING D-8093. FASCINES ON 5' ROWS ALONG CONTIGUOUS APPROXIMATELY 2' APART WITH FIRST ROW AT UPSTREAM END OF BACKFILL. LIVE BRANCHES AND COIR MATTING TO BE APPROXIMATELY 1' WIDE.
  - MUDDI ERADICATION TO BE PROVIDED BY OWNER. THIRTY (30) FOOT WIDE AREA ABOVE BACKFILL TO RECEIVE SUBSEQUENT LIVE STAKES, EROSION CONTROL BLANKET, AND SEEDING AS PER SPECIFICATIONS AND DETAIL 3 OF DRAWING D-8093.
  - AFTER DEAD VEGETATION REMOVAL, UPPER SLOPE AREA TO RECEIVE EROSION CONTROL BLANKET (ECB) AND SEEDING.
  - STAKES TO BE PLACED FOR SCOUR PROTECTION MATTRESSES TO BE ORIENTED UPSTREAM/DOWNSTREAM LENGTH-WISE AT TOE OF GABIONS WHERE RIP-RAP IS BASE MATERIAL. SUBSTRATA LONG DIMENSION TO BE ORIENTED TRANSVERSE TO STREAM/LOW AT ALL OTHER SECTIONS IN ORDER THAT THE MATTRESS PROTECTS A WIDER AREA OF STREAMBANK AT THE TOE OF THE GABION WALL (SECTION B-B').
  - CONTRACTOR TO ESTABLISH ACCESS DOWN AND ALONG TOE AS EXISTING TERRAIN FAVORS. SOME BENCHING INTO SLOPE WILL BE REQUIRED. CONTRACTOR IS TO APPLY BMP FOR TEMPORARY EROSION AND SEDIMENT CONTROL, ASSOCIATED WITH ACCESS, AND REBUILD AREA TO ORIGINAL CONTIGUOUS PROPOSE TO FINAL EROSION STABILIZATION ON ECB AND COIR MATTING.
  - LIVE BRANCHES OR ROOTED PLANTS PLACED BETWEEN GABIONS AT CONSTRUCTION. FOR PLANNING PURPOSES, THE ORDINARY HIGH WATER LEVEL (OHWL) IS CONSIDERED TO BE AT APPROXIMATE ELEVATION 294. THIS OHWL WILL BE DETERMINED MORE ACCURATELY IN THE FIELD PRIOR TO CONSTRUCTION.

STRUCTURE BUILT ON SUBMERGED RIP-RAP  
SECTION A-A'  
NTS

REV.	DATE	REV.	DATE	REV.	DATE
REV. B	DATE: 11/09/09				

CAD  
 55001.DWG  
 AUG09  
 ASP - 02

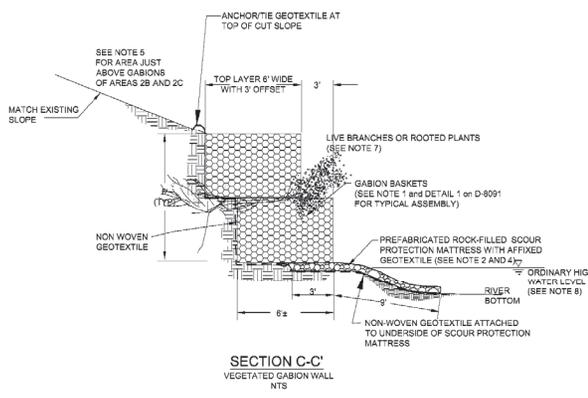
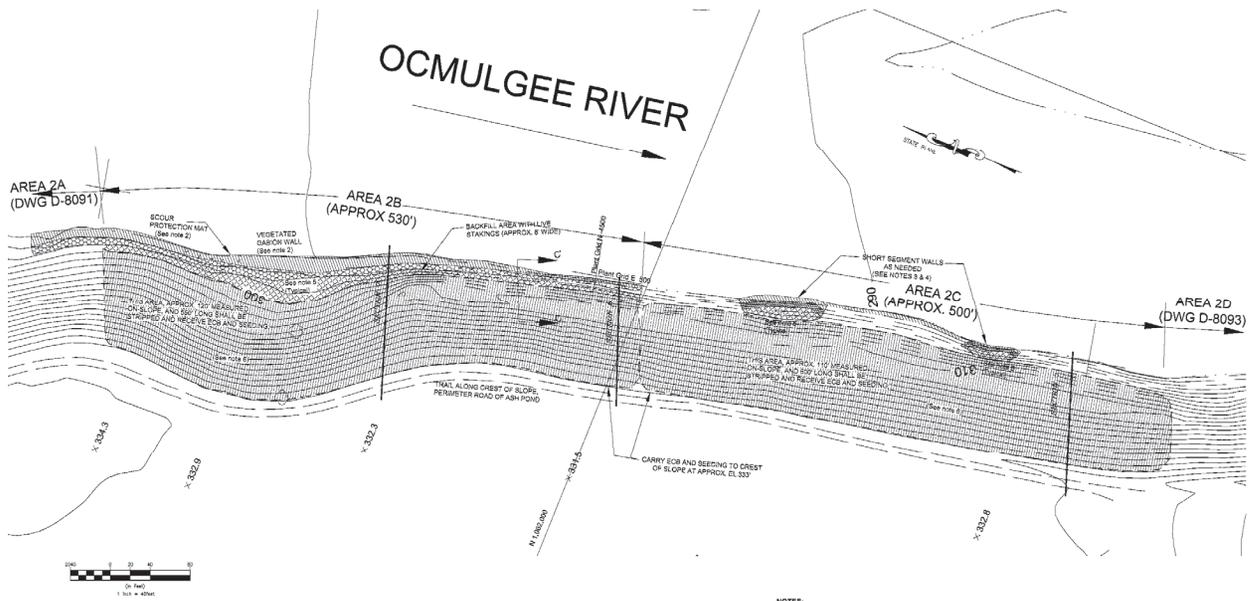
Southern Company Services, Inc.

**GEORGIA POWER COMPANY**

PLANT ARKRIGHT ASH POND 1 CLOSURE  
 EXPANDED PLAN VIEW AREA 2A (HARD POINT)  
 SECTION ABOVE RIP-RAP AND ON SOIL BANK  
 AS SHOWN

SHEET NO. 1 OF 1 SHEETS  
 PROJECT NO. **D - 8091**

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- NOTES:**
- CONTRACTOR MAY SELECT INDIVIDUAL GABION CASE SIZES TO ACCOMMODATE OUTSIDE DIMENSIONS AS SHOWN.
  - AT SOME LOCATIONS ALONG AREA 2B, SCOUR PROTECTION MATRESS ALONE MAY SUFFICE AS STREAMBANK EROSION CONTROL. FOR PURPOSES OF QUANTITY ESTIMATION, ASSUME THAT 75% OF SHORELINE LENGTH WILL REQUIRE SCOUR PROTECTION MATRESS. ALSO ASSUME THAT 40% OF ENTIRE LENGTH OF AREA 2B WILL ALSO REQUIRE VEGETATED GABIONS AS SHOWN ON SECTION C-C'.
  - AREA 2C IS ADJACENT TO THE STREAM BANK. HOWEVER, SOME OPEN SPOTS OF BANK EROSION MAY EXIST. THE PLAN VIEW PRESENTS EXAMPLES OF HOW SHORT SECTIONS OF GABION WALL MAY BE INSTALLED TO PROTECT THESE OPEN AREAS OR EXPOSED ROOT ZONES OF TREES. AS DIRECTED BY THE PURCHASER. NOTE SLIGHT WING-WALL EFFECT AT END OF GABION WALL TO MINIMIZE CONCENTRATION OF EROSION AT THE LEADING UPSTREAM EDGE, AND EROSION EDGE EFFECTS AT THE DOWNSTREAM EDGE. CROSS SECTION OF WALLS SHALL BE THE SAME AS SECTION C-C'.
  - AT A FEW LOCATIONS ALONG AREA 2C, SCOUR PROTECTION MATRESSES, AND POSSIBLY VEGETATED GABIONS IN EXTREME CASES, MAY BE REQUIRED. FOR PURPOSES OF QUANTITY ESTIMATION, ASSUME THAT 20% OF SHORELINE LENGTH OF AREA 2C WILL REQUIRE BOTH SCOUR PROTECTION MATRESSES AND VEGETATED GABIONS AS SHOWN ON SECTION C-C'.
  - BACKFILL MAY BE SOILS REMOVED FROM STREAM BANK AREA TO NOTCH GABIONS INTO PLACE, OR FROM APPROVED BORROW AREA. SURFACE IS THEN TO RECEIVE WOVEN COIR ECG MATTING OF 700 gsm<sup>2</sup> WEIGHT AND SEEDING, LIVE STAKES (SEE DETAIL 3, DRAWING D-8093). BACKFILL TO BE PLACED IN 6" LIFTS CONJUNCTIVE WITH GABION WALL HEIGHT, WITH HAND TAMING COMPACTION EFFORTS.
  - KUDDU ERADICATION TO BE PROVIDED BY OWNER, AFTER DEAD VEGETATION REMOVAL BY CONTRACTOR, UPPER SLOPE AREA TO RECEIVE EROSION CONTROL BLANKET (ECB) OF WOVEN COIR MATTING OF 400 gsm<sup>2</sup> WEIGHT AND SEEDING.
  - LIVE BRANCHES OR ROOTED PLANTS PLACED BETWEEN GABIONS AT CONSTRUCTION.
  - FOR PLANNING PURPOSES, THE ORDINARY HIGH WATER LEVEL, COWLES IS CONSIDERED TO BE AT APPROXIMATE ELEVATION 294. THIS CHWL WILL BE DETERMINED MORE ACCURATELY IN THE FIELD PRIOR TO CONSTRUCTION.

**REFERENCE DRAWINGS:**

- D-8083 - PLANT ARKWRIGHT ASH POND 1 CLOSURE GENERAL ARRANGEMENT
- D-8084 - PLANT ARKWRIGHT ASH POND 1 CLOSURE FINAL GRADE PLAN
- D-8085 - PLANT ARKWRIGHT ASH POND 1 CLOSURE SECTIONS AND DETAILS
- D-8087 - PLANT ARKWRIGHT ASH POND 1 OVERALL PLANT AND FACILITY LAYOUT
- D-8088 - PLANT ARKWRIGHT ASH POND 1 CLOSURE GENERAL LAYOUT INCLUDING AREAS, SECTIONS AND BORINGS
- D-8089 - PLANT ARKWRIGHT ASH POND 1 UPPER SLOPE CROSS-SECTIONS
- D-8091 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2A
- D-8093 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2C, 3 & 4
- D-8094 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 5, 6 & 7

**LEGEND:**

- FENCE LINE
- WATER COURSE
- TREE LINE
- SINGLE TREES
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- SPOT ELEVATION
- SOIL BORING LOCATIONS

SCOUR PROTECTION MATRESS  
 AREA Lf Hf Hm PLANK MAT  
 ROCK-FILLED WIRE BASKET GABIONS  
 LIVE FASCINES, HEAVY ECG AND SEEDING  
 LIVE CUTTINGS, LIGHT ECG AND SEEDING  
 LIGHT ECG AND SEEDING

CAD: D802.DWG  
 AIA/CAD: ASB - 02

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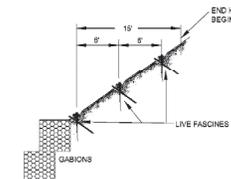
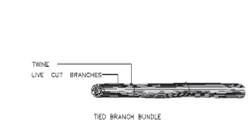
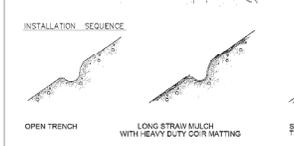
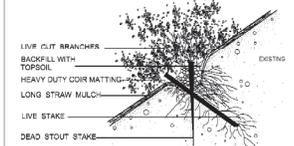
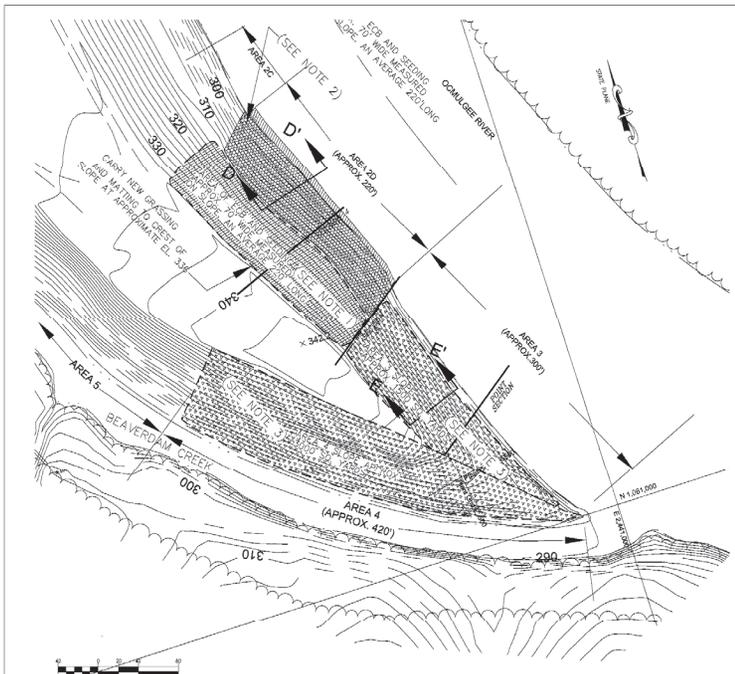
Southern Company Services, Inc.  
**GEORGIA POWER COMPANY**  
 PLANT: ARKWRIGHT - ASH POND 1 CLOSURE  
 SHEET: EXPANDED PLAN VIEW AREAS 2B AND 2C  
 TITLE: TYPICAL GABION SECTIONS

DATE AS SHOWN: 11/15/09

REV.	DATE	REV.	DATE
REV. 8	DATE: 11/05/09		

DESIGNED FOR CONSTRUCTION: [Signature]  
 CHECKED BY: [Signature]  
 DRAWN BY: [Signature]  
 DATE: 11/15/09

APPROVED: [Signature]  
 PROJECT: ASB  
 SHEET: 1 OF 1 SHEET  
 DRAWING NO.: D-8092



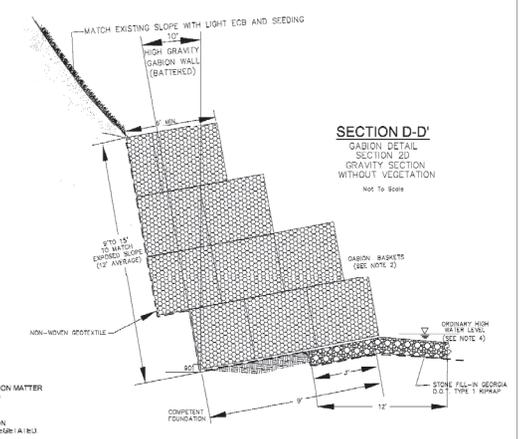
**DETAIL 2**  
LIVE FASCINE with LONG STRAW MULCH and COIR MATTING  
NOT TO SCALE

FASCINE PATTERN ON BACKFILL AREA 2A

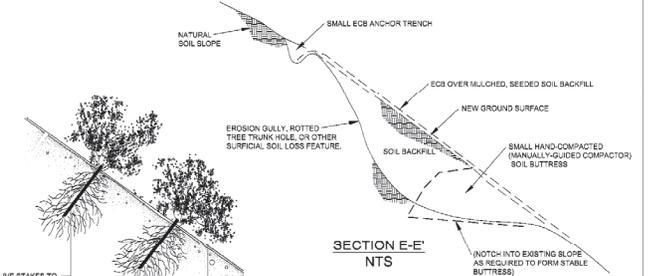
NOTE: Backfilled condition of the joint material is not representative of the time of installation.  
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- LEGEND:**
- FENCE LINE
  - WATER COURSE
  - TREE LINE
  - SINGLE TREES
  - INDEX CONTOUR
  - INTERMEDIATE CONTOUR
  - SPOT ELEVATION
  - △ 8" x 8" S. SURVEY MONUMENT
  - RAILROAD
  - SOIL BORING LOCATIONS
  - SS: ● SOIL BORING LOCATIONS
  - ▨ SCOUR PROTECTION MATTRICES AND COVERED WITH ECB
  - ▤ AREA OF RIP RAP PLACEMENT
  - ▥ ROCK FILLED WIRE BASKET GABIONS
  - ▧ LIVE FASCINES, HEAVY ECB AND SEEDING
  - ▩ LIVE CUTTINGS, LIGHT ECB AND SEEDING
  - LIGHT ECB AND SEEDING
  - FILL LOCAL SPOTS OF EXPOSED GROUND (NOTE 4)

- NOTES:**
- FOLLOWING ERADICATION OF KUDZU GROWTH BY OWNER, DEAD VEGETATION MATTER IS TO BE CLEARED AS PER SPECIFICATIONS, SLOPE IS THEN TO BE SEEDING AND COVERED WITH ECB.
  - CONTRACTOR MAY USE GABIONS OF INDIVIDUAL SIZE CHOICE IN ORDER TO CREATE WALL MASS LEAVING OUTSIDE DIMENSION AND CONFIGURATION AS SHOWN ON SHEET (SEE PLAN). THIS (MCKENNA LABELING SECTION NO.) IS TO BE USED TO COVER EROSION CONTROL BLANKET AND SEEDING (SECTION E-E) AS LONG AS NO MORE THAN 10% OF TOTAL AREA OF UPPER SLOPES OF AREAS 3 AND 4 REQUIRE THIS TREATMENT.
  - LOCAL SPOTS OF EXPOSED GROUND WILL REQUIRE SMALL BUTTRESS SOIL BUTTRESS.
  - FOR PLANNING PURPOSES, THE ORDINARY HIGH WATER LEVEL (OHWL) IS CONSIDERED TO BE AT APPROXIMATE ELEVATION 294. THIS OHWL WILL BE DETERMINED MORE ACCURATELY IN THE FIELD PRIOR TO CONSTRUCTION.



**SECTION D-D**  
GABION DETAIL  
SECTION 2D  
GRAVITY SECTION  
WITHOUT VEGETATION  
NOT TO SCALE



**SECTION E-E**  
NTS

- REFERENCE DRAWINGS:**
- D-8083 - PLANT ARCHWRIGHT ASH POND 1 CLOSURE GENERAL ARRANGEMENT
  - D-8084 - PLANT ARCHWRIGHT ASH POND 1 CLOSURE FINAL GRADE PLAN
  - D-8085 - PLANT ARCHWRIGHT ASH POND 1 CLOSURE SECTIONS AND DETAILS
  - D-8087 - PLANT ARCHWRIGHT ASH POND 1 OVERALL PLANT AND FACILITY LAYOUT
  - D-8088 - PLANT ARCHWRIGHT ASH POND 1 CLOSURE GENERAL LAYOUT INCLUDING AREAS SECTIONS AND BORDERS
  - D-8089 - PLANT ARCHWRIGHT ASH POND 1 UPPER SLOPE CROSS-SECTIONS
  - D-8091 - PLANT ARCHWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2A
  - D-8092 - PLANT ARCHWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2B & 2C
  - D-8094 - PLANT ARCHWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 5, 6, & 7

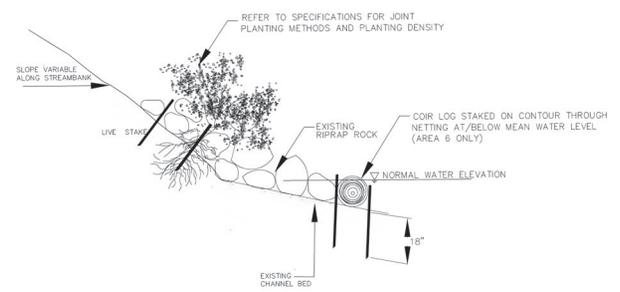
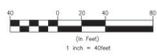
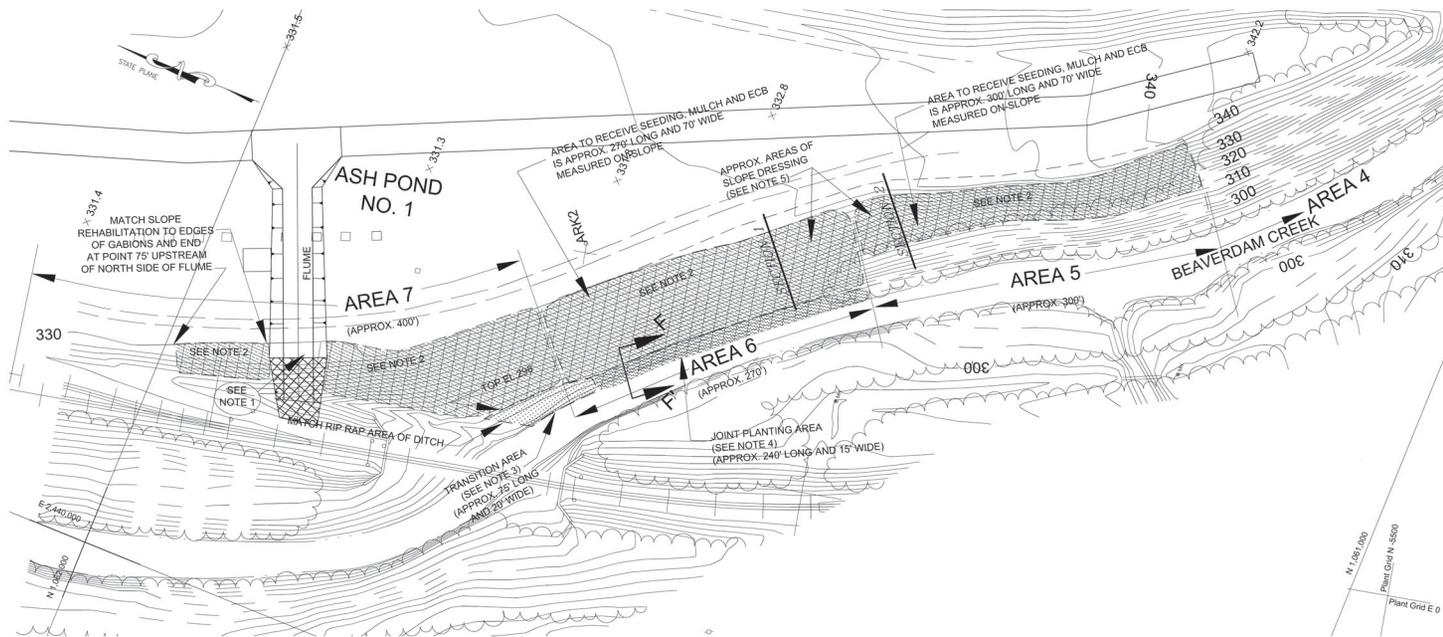
**DETAIL 3**  
LIVE STAKE WITH SEEDING AND EROSION CONTROL BLANKET

REV.	DATE	REV.	DATE	REV.	DATE

REV.	DATE	11/09/09

(CNC) 5803.DWG  
 ASB/SGG / ASB / 02  
 Southern Company Services, Inc.  
**GEORGIA POWER COMPANY**  
 PLANT ARCHWRIGHT - ASH POND 1 CLOSURE  
 EXPANDED PLAN VIEW AREA 2B, 3, AND 4  
 GABION SECTIONS FOR 2D AND 3  
 SHEET NO. ASB-020  
 SHEET 1 OF 1 SHEETS  
 REV. **D - 8093**

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**SECTION F-F**  
JOINT PLANTING WITHIN EXISTING RIP RAP  
ALONG BEAVERDAM CREEK

Not To Scale

- REFERENCE DRAWINGS:**
- D-8053 - PLANT ARKWRIGHT ASH POND 1 CLOSURE GENERAL ARRANGEMENT
  - D-8054 - PLANT ARKWRIGHT ASH POND 1 CLOSURE FINAL GRADE PLAN
  - D-8055 - PLANT ARKWRIGHT ASH POND 1 CLOSURE SECTIONS AND DETAILS
  - D-8057 - PLANT ARKWRIGHT ASH POND 1 OVERALL PLANT AND FACILITY LAYOUT
  - D-8058 - PLANT ARKWRIGHT ASH POND 1 CLOSURE GENERAL LAYOUT INCLUDING AREAS, SECTIONS AND BORINGS
  - D-8059 - PLANT ARKWRIGHT ASH POND 1 UPPER SLOPE CROSS-SECTIONS
  - D-8091 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2A
  - D-8092 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2B & 2C
  - D-8093 - PLANT ARKWRIGHT ASH POND 1 EXPANDED PLAN VIEW AREA 2D, 3 & 4

- NOTES:**
1. SEE DRAWING D-8055 FOR DITCH AND FLUME DETAILS.
  2. FOLLOWING ERADICATION OF KUDZU GROWTH, DEAD VEGETATION MATTER IS TO BE CLEARED AND DISPOSED OF AS PER SPECIFICATIONS OR AS DIRECTED BY THE PURCHASER. DUE TO STEEPNESS OF SLOPES FOR AREAS 5, 6, AND 7, A LAYER OF LONG STRAW MULCH SHOULD BE ADDED ON TOP OF THE SEEDING PRIOR TO BEING COVERED WITH WOVEN COIR MATTING OF 400 g/m<sup>2</sup> WEIGHT.
  3. IN THE TRANSITION AREA BETWEEN NEW RIP RAP AREA OF DITCH APPROACH TO CREEK AND EXISTING RIP RAP OF AREA 6, PLACE NEW GEORGIA D.O.T. TYPE 3 RIP RAP, 3" THICK.
  4. IN PORTIONS OF AREA 6 WHERE EXISTING RIP RAP IS SPARSE, TIE IN A 12" DIA. COIR LOG BELOW THE LIVE STAKES AND RIP RAP TO ACT AS SILT TRAP FOR BANK REBUILDING. ASSUME EQUIVALENT OF 1 LOG OF 12" DIA. FOR ENTIRE APPROXIMATE 270' OF AREA 6 STREAMBANK. (SEE SECTION F-F)
  5. FOLLOWING KUDZU ERADICATION AND STRIPPING, CERTAIN PORTIONS OF THE SLOPE FACES IN AREA 5 AND POSSIBLY AREA 6 WILL REQUIRE PLACEMENT OF FILL SOIL, REGRADING, AND FINAL DRESSING TO ACHIEVE A UNIFORM SURFACE PRIOR TO SEEDING, LONG STRAW MULCHING AND PLACEMENT OF ECB.

- LEGEND:**
- X — FENCE LINE
  - · — WATER COURSE
  - ○ — TREE LINE
  - SINGLE TREES
  - ○ — INDEX CONTOUR
  - ○ — INTERMEDIATE CONTOUR
  - ○ — SPOT ELEVATION
  - SS-1 ● SOIL BORING LOCATIONS
  - △ BV2305 G.P.S. SURVEY MONUMENT
  - RAILROAD
  - ▨ SCOUR PROTECTION MATTRESS
  - ▨ AREA OF RIP RAP PLACEMENT
  - ▨ ROCK-FILLED WIRE BASKET GABIONS
  - ▨ LIVE FASCINES, HEAVY ECB AND SEEDING
  - ▨ JOINT PLANTING
  - ▨ LIVE CUTTINGS, LIGHT ECB AND SEEDING
  - ▨ LIGHT ECB AND SEEDING
  - ▨ SEEDING, LONG STRAW MULCH, AND LIGHT ECB.

CAD D8094.DWG  
AUS/CAD ASF-02

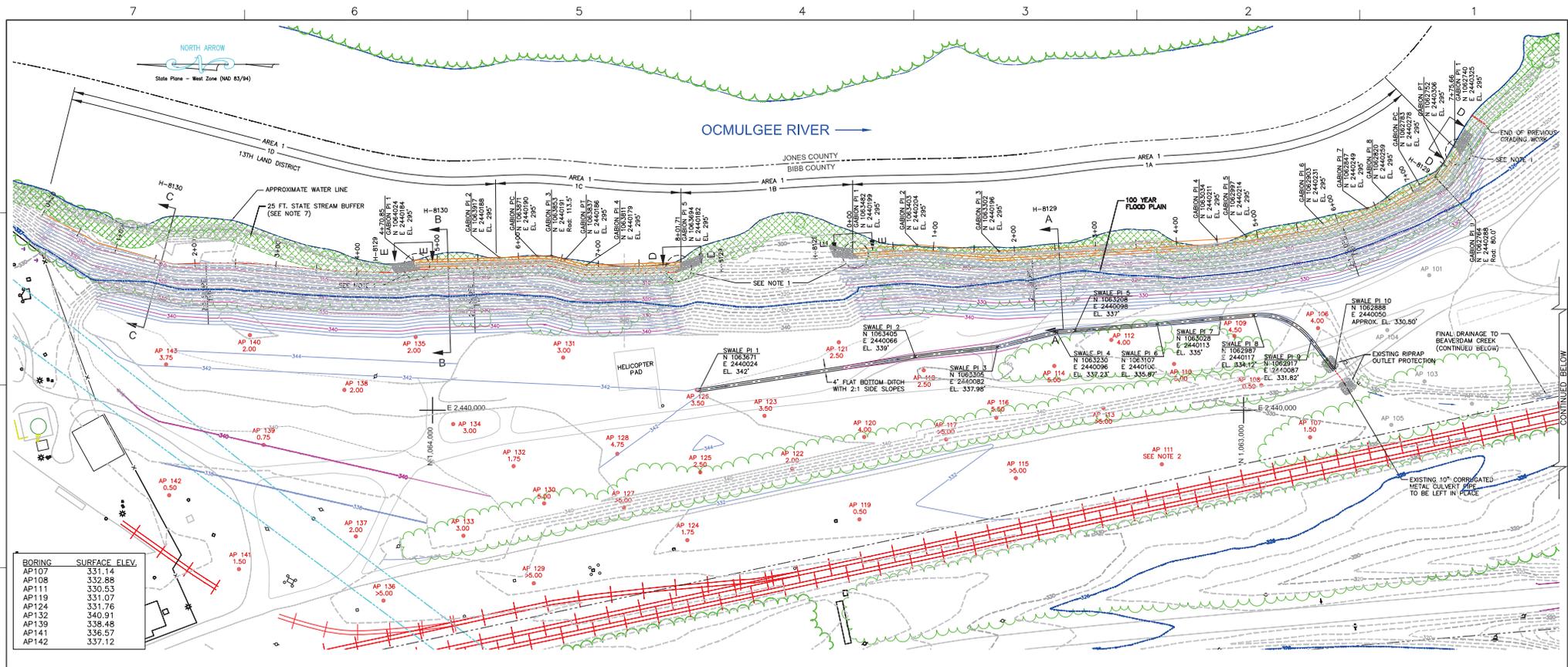
Southern Company Services, Inc.

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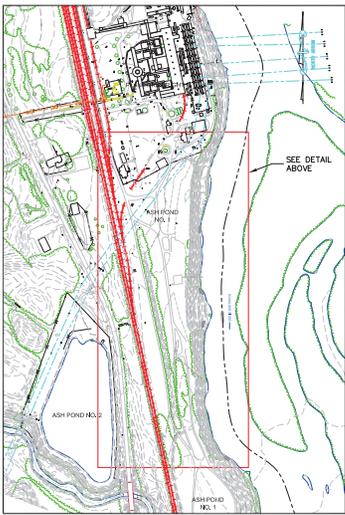
**GEORGIA POWER COMPANY**  
PLANT ARKWRIGHT - ASH POND 1 CLOSURE  
EXPANDED PLAN VIEW AREAS 5, 6, & 7  
SECTION OF LIVE STAKING DETAILS

DATE: AS SHOWN  
SHEET 1 OF 1 SHEETS  
SUPERSEDES: **D - 8094**

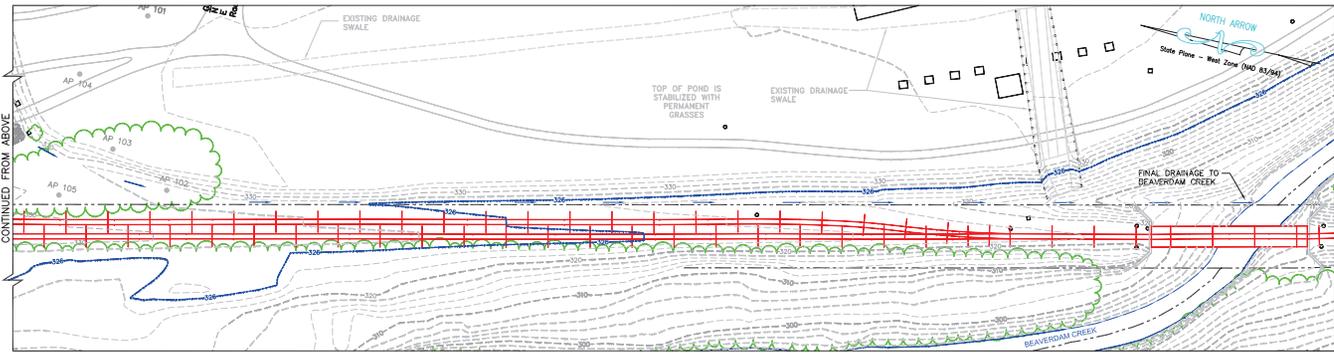
REV.	DATE:	REV.	DATE:	REV.	DATE:	REV. 0	DATE: 11/05/03
ISSUED FOR CONSTRUCTION	DESIGNED: ASF	CHECKED: HLH	DESIGNED: RMF				
EARTH SCIENCES AND ENVIRONMENTAL ENGINEERING	APPROVED: JAB	APPROVED: RMF	APPROVED: RMF				
REFERENCE DRAWING ES1197 JOB NO. 3855V	APPROVED: DWM	APPROVED: RMF	APPROVED: RMF				



BORING	SURFACE ELEV.
AP107	331.14
AP108	332.85
AP111	330.53
AP119	331.07
AP124	331.76
AP132	340.91
AP139	338.48
AP141	336.57
AP142	337.12



**SITE PLAN**  
SCALE: 1"= 300'

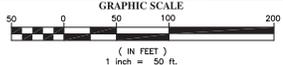


**LEGEND**

- EXISTING CONTOURS
- FINAL GRADE CONTOURS
- PROPERTY LINE
- 25 FT. STATE STREAM BUFFER
- WATER COURSE
- DRAINAGE FLOW DIRECTION
- 100 YEAR FLOOD PLAN
- SOIL SAMPLE LOCATION WITH DEPTH TO ASH (PRIOR TO GRADING)
- SAMPLE NOT PERFORMED
- 115KV TRANSMISSION LINE
- PULLBOX
- RECYCLE LINE ACCESS LOCATION

- NOTES:**
1. GEORGIA D.O.T. TYPE I RIPRAP TO BE PLACED FOR TIE-IN BETWEEN ORIGINAL GROUND AND GABIONS. SEE DETAIL 4, DRAWING H-8131.
  2. AREA TO BE DELINEATED AND CLEANED.
  3. ALL PULL BOXES AND RECYCLE LINE ACCESS BOXES WILL BE ABANDONED IN PLACE BY FILLING WITH APPROVED MATERIAL.
  4. 115KV TRANSMISSION STRUCTURES AND HELICOPTER PAD TO REMAIN.
  5. A MINIMUM TWO FEET OF SOIL COVER CONSISTING OF 18" COMPACTED FILL AND 6" TOPSOIL SHALL BE PLACED OR MAINTAINED OVER ANY ASH, INCLUDING 4 FT. FLAT BOTTOM DITCH.
  6. SEE H-8132 FOR VEGETATION SCHEDULE.
  7. NO WORK IS ALLOWED IN THE 25 FT. STATE STREAM BUFFER (EXCEPT AS NEEDED FOR INSTALLATION OF DRAINAGE STRUCTURES OR ROADWAY DRAINAGE STRUCTURES) UNTIL A STATE STREAM BUFFER VARIANCE IS RECEIVED FROM THE GEORGIA ENVIRONMENTAL PROTECTION DIVISION. CONTACT GEORGIA POWER COMPANY ENVIRONMENTAL AFFAIRS FOR ADDITIONAL INFORMATION.
  8. NO FILL MATERIAL SHALL BE PLACED BELOW THE ORDINARY HIGH WATER MARK UNTIL A SECTION 404 PERMIT IS OBTAINED FROM THE U.S. ARMY CORPS OF ENGINEERS. CONTACT GEORGIA POWER ENVIRONMENTAL AFFAIRS FOR ADDITIONAL INFORMATION.

- REFERENCES:**
- H-8129 AREA 1A RIVERBANK SECTIONS
  - H-8130 AREA 1C & 1D RIVERBANK SECTIONS
  - H-8131 AREA 1 MISC. DETAILS
  - H-8132 ES&P NOTES, DRAWING LIST & VICINITY MAP
  - H-8133 ES&P INITIAL & INTERIM BMP'S & MONITORING LOCATIONS
  - H-8134 ES&P FINAL BMP'S
  - H-8135 ES&P EROSION CONTROL DETAILS



REVISION 1	DATE 9-21-06	REVISION 0	DATE 5-23-06
REVISED NOTE 3 AND DARKENED PULL BOXES AND RECYCLE LINE ACCESS BOXES.		APPROVED FOR CONSTRUCTION	
REA: AR-02203F	EWO: 3553EJ	REA: AR-02203F	EWO: 3553EJ
BY: JAA	CHK: JAA	BY: JAA	CHK: JAA
DATE: 10/11/06	DATE: 10/11/06	DATE: 10/11/06	DATE: 10/11/06

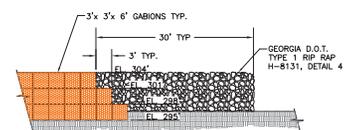
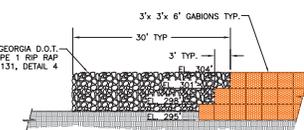
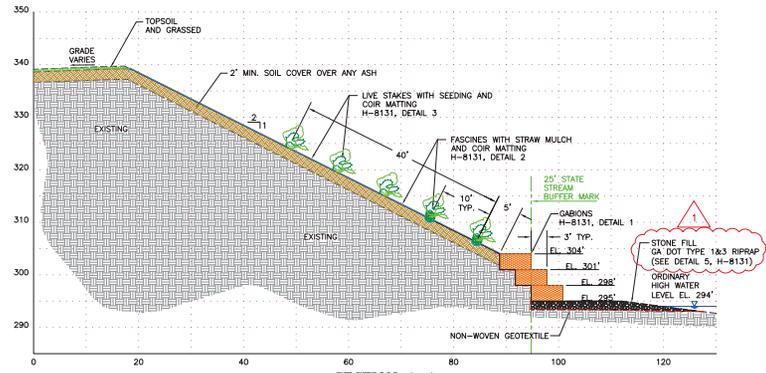
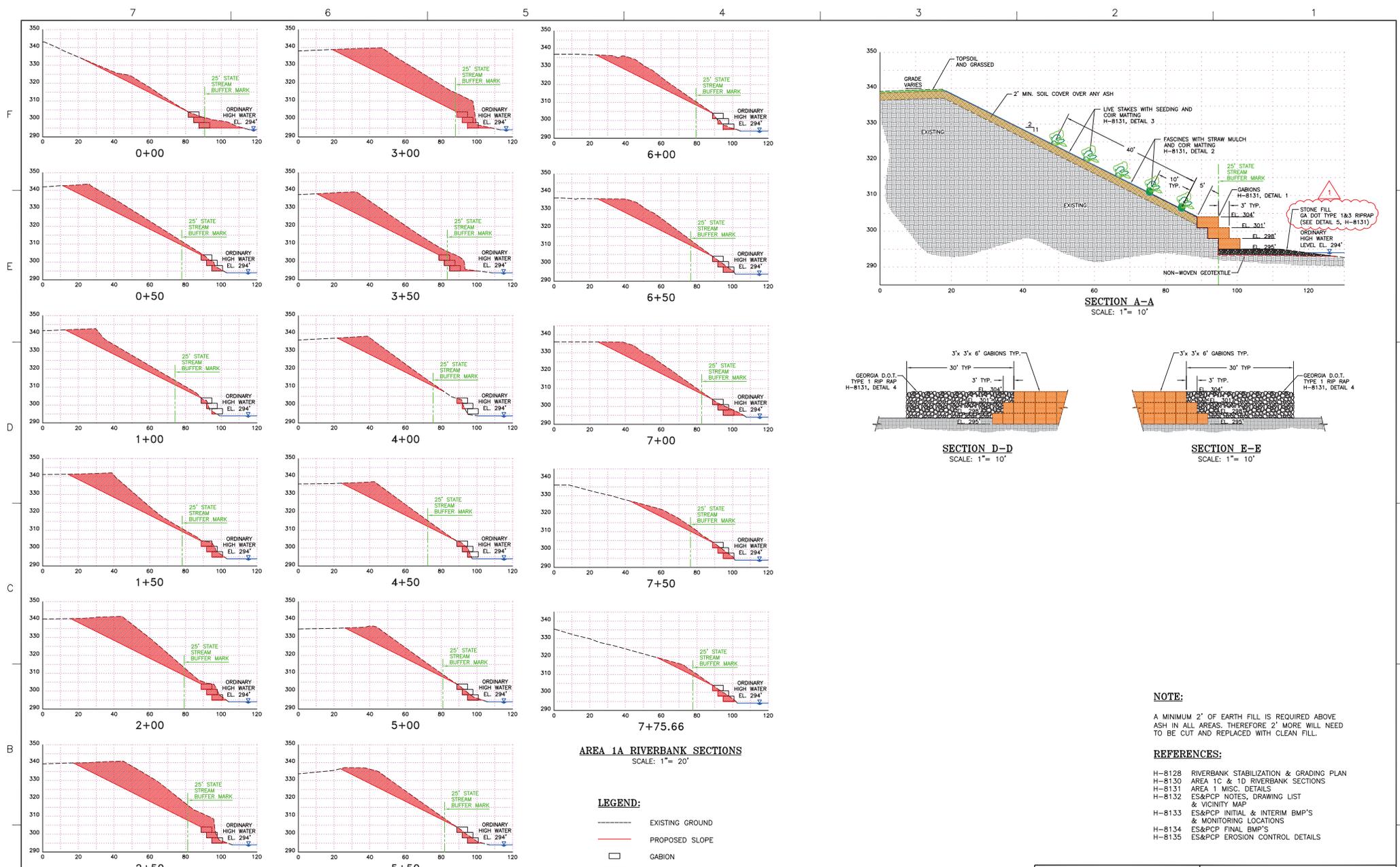
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**Southern Company Generation**  
FOR

**GEORGIA POWER COMPANY**

PLANT ARKWRIGHT  
ASH POND 1  
CLOSURE PLAN  
RIVERBANK STABILIZATION AND GRADING PLAN

SCALE	PROJ. NO.	DRAWING NUMBER	SH	CONTS	REV
1"=50' U.M.D.		<b>H-8128</b>	1	FINAL	1



**AREA 1A RIVERBANK SECTIONS**  
SCALE: 1" = 20'

- LEGEND:**
- EXISTING GROUND
  - PROPOSED SLOPE
  - GABION
  - CUT

**NOTE:**  
A MINIMUM 2' OF EARTH FILL IS REQUIRED ABOVE ASH IN ALL AREAS, THEREFORE 2' MORE WILL NEED TO BE CUT AND REPLACED WITH CLEAN FILL.

- REFERENCES:**
- H-8128 RIVERBANK STABILIZATION & GRADING PLAN
  - H-8130 AREA 1C & 1D RIVERBANK SECTIONS
  - H-8131 AREA 1 MISC. DETAILS
  - H-8132 ES&PCP NOTES, DRAWING LIST & VICINITY MAP
  - H-8133 ES&PCP INITIAL & INTERIM BMP'S & MONITORING LOCATIONS
  - H-8134 ES&PCP FINAL BMP'S
  - H-8135 ES&PCP EROSION CONTROL DETAILS

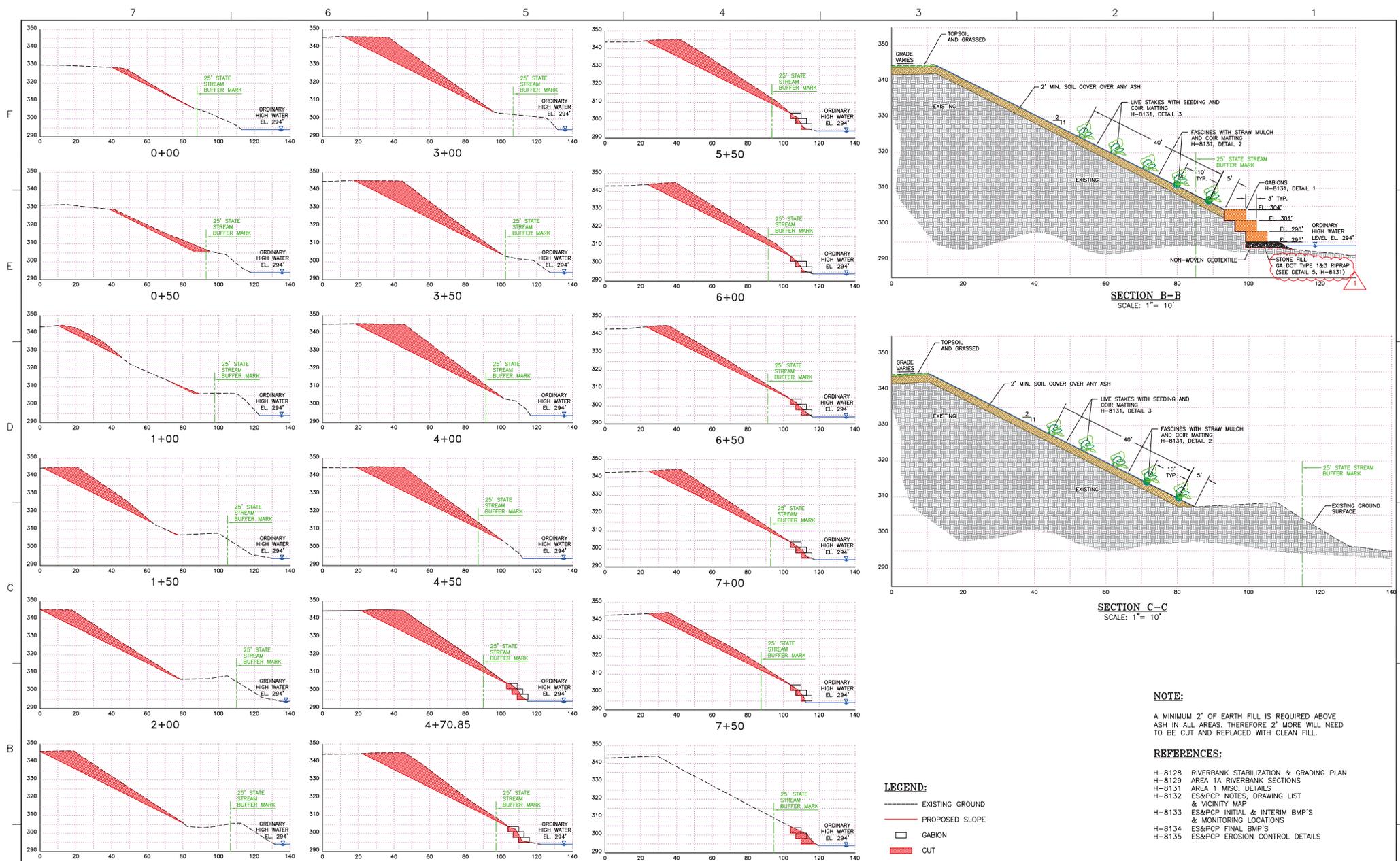
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Southern Company Generation  
FOR

**GEORGIA POWER COMPANY**

PLANT ARKWRIGHT  
ASH POND 1  
CLOSURE PLAN  
AREA 1A RIVERBANK SECTIONS

REVISION 1		DATE 9-21-06		REVISION 0		DATE 5-22-06	
REVISED SECTION A-A.				APPROVED FOR CONSTRUCTION			
REA: AR-02203F		EWO: 3553EJ		REA: AR-02203F		EWO: 3553EJ	
BY	CHKD	CIVL APPR	ELECT APPR	LIC APPR	MECH APPR	NOB APPR	SCALE
JAA	HLJ	JDM	EDM	JAA	HLJ	JDM	1"=20' U.N.D.
							DRAWING NUMBER
							<b>H-8129</b>
							SH
							CONTS
							1
							REV
							1



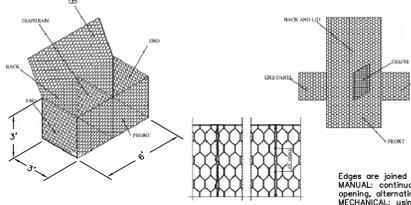
**NOTE:**  
 A MINIMUM 2' OF EARTH FILL IS REQUIRED ABOVE ASH IN ALL AREAS. THEREFORE 2' MORE WILL NEED TO BE CUT AND REPLACED WITH CLEAN FILL.

- REFERENCES:**
- H-8128 RIVERBANK STABILIZATION & GRADING PLAN
  - H-8129 AREA 1A RIVERBANK SECTIONS
  - H-8131 AREA 1 MISC. DETAILS
  - H-8132 ES&PCP NOTES, DRAWING LIST & VICINITY MAP
  - H-8133 ES&PCP INITIAL & INTERIM BMP'S & MONITORING LOCATIONS
  - H-8134 ES&PCP FINAL BMP'S
  - H-8135 ES&PCP EROSION CONTROL DETAILS

- LEGEND:**
- EXISTING GROUND
  - PROPOSED SLOPE
  - GABION
  - CUT

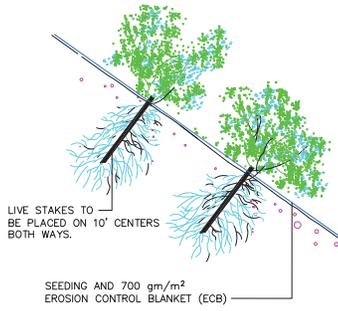
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 Southern Company Generation FOR

REVISION 1 REVISED SECTION B-B.		DATE 9-21-06		REVISION 0 APPROVED FOR CONSTRUCTION		DATE 5-22-06	
REA: AR-02203F EWO: 3553EI				REA: AR-02203F EWO: 3553EI			
BY	CHKD	CIVL APPR	ELECT APPR	LIC APPR	MECH APPR	NOISE APPR	SCALE
JAA	HLH	JDM	EDM	JAA	HLH	JDM	EDM
							PROJ. NO.
							DRAWING NUMBER
							SH
							CONTS
							REV
							1"
							20' U.M.D.
							H-8130
							1
							FINAL
							1

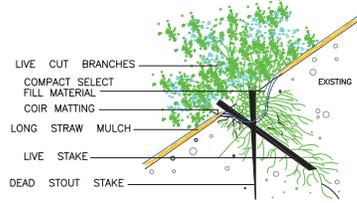


**DETAIL 1**  
TYPICAL GABION BASKET  
(Not to Scale)  
H-8129, H-8130

Edges are joined together, using the appropriate lacing techniques.  
MANUAL: continuous wire looping tightly wound every other mesh opening, alternating single and double loops.  
MECHANICAL: using a pneumatic or hand tool, employing stainless steel "C" shaped fasteners. For continuity and strength, the recommended spacing is 6" max.

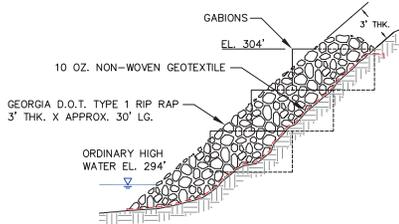


**DETAIL 3**  
LIVE STAKE WITH SEEDING  
AND EROSION CONTROL BLANKET  
(Not to Scale)  
H-8129, H-8130

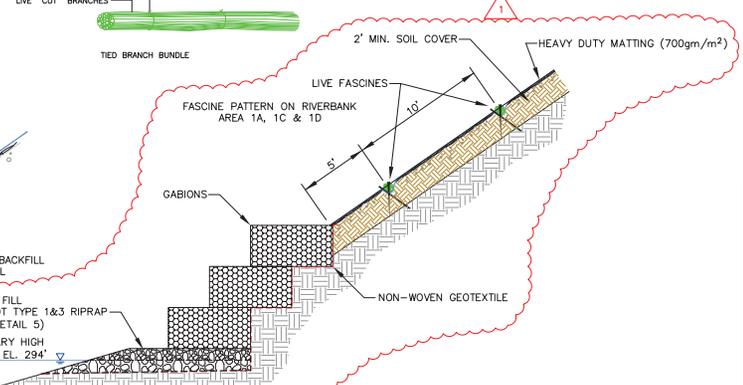


**INSTALLATION SEQUENCE**

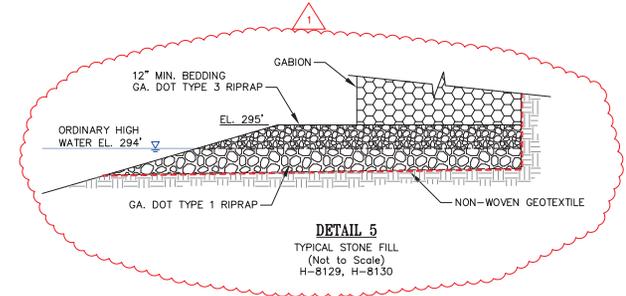
NOTE: Rooted/leafed condition of the plant material is not representative of the time of installation.  
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**DETAIL 4**  
TYPICAL RIP RAP TIE-IN  
(Not to Scale)  
H-8128, H-8129



**DETAIL 2**  
LIVE FASCINE WITH  
LONG STRAW MULCH AND COIR MATTING  
(Not to Scale)  
H-8129, H-8130



**DETAIL 5**  
TYPICAL STONE FILL  
(Not to Scale)  
H-8129, H-8130

**REFERENCES:**

- H-8128 RIVERBANK STABILIZATION & GRADING PLAN
- H-8129 AREA 1A RIVERBANK SECTIONS
- H-8130 AREA 1C & 1D RIVERBANK SECTIONS
- H-8132 ES&PCP NOTES, DRAWING LIST & VICINITY MAP
- H-8133 ES&PCP INITIAL & INTERIM BMP'S & MONITORING LOCATIONS
- H-8134 ES&PCP FINAL BMP'S
- H-8135 ES&PCP EROSION CONTROL DETAILS

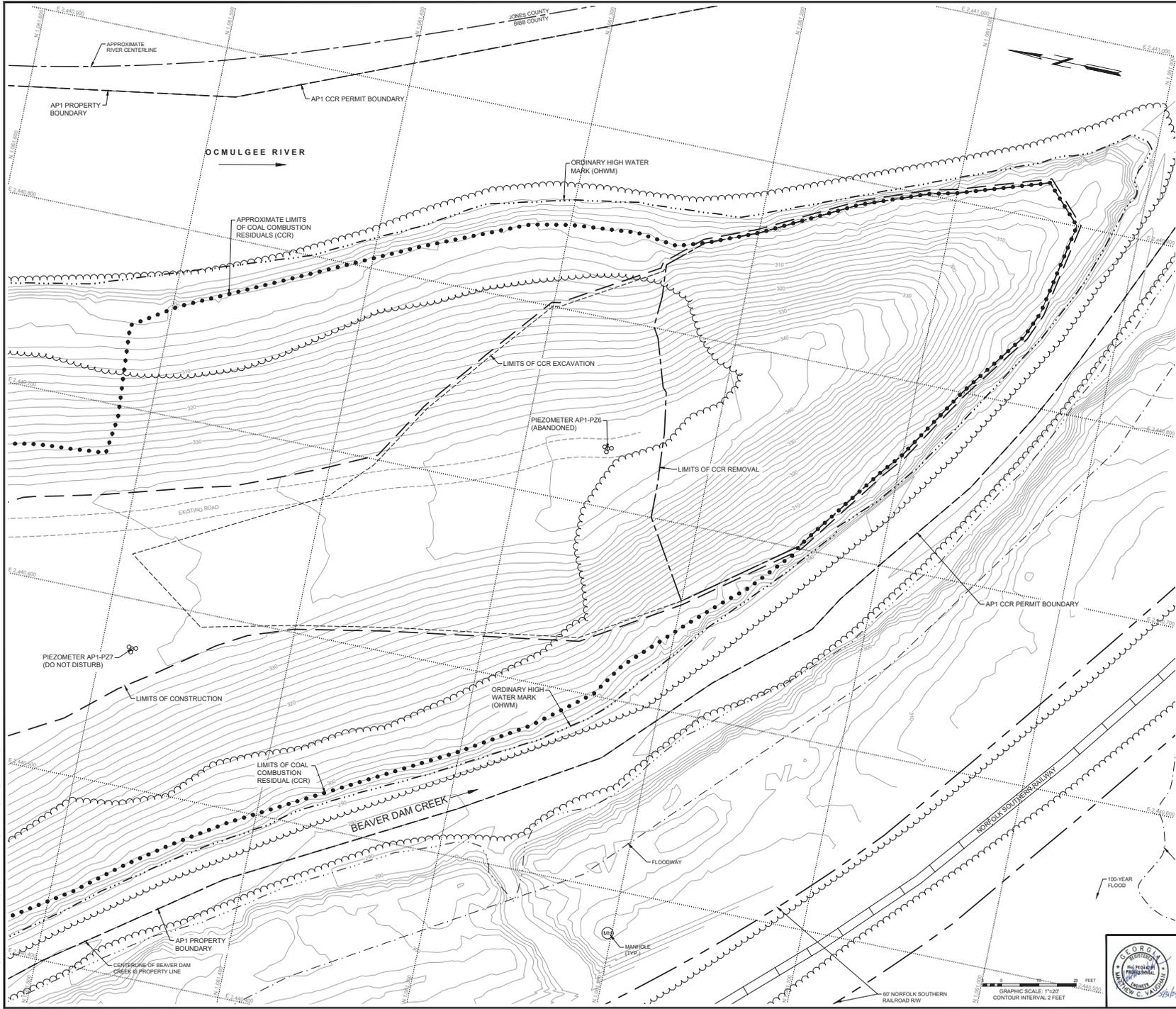
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Southern Company Generation  
FOR

GEORGIA POWER COMPANY

PLANT ARKWRIGHT  
ASH POND 1  
CLOSURE PLAN  
AREA 1 MISC. DETAILS

REVISION 1		DATE 9-20-06		REVISION 0		DATE 5-8-06						
REVISED DETAIL 2 & ADDED DETAIL 5.				APPROVED FOR CONSTRUCTION								
REA: AR-02203F		EWO: 3553EI		REA: AR-02203F		EWO: 3553EI						
BY	CHKD	CIVIL APPR	ELECT APPR	LIC APPR	MECH APPR	NOISE APPR	SCALE	PROJ. ID	DRAWING NUMBER	SH	CONTS	REV
JAA	OHM	JDM	EDM				NONE		H-8131	1	FINAL	1



**MAPPING SOURCE NOTES:**

1. TOPOGRAPHIC INFORMATION WAS OBTAINED FROM A LIDAR SURVEY PERFORMED ON FEBRUARY 3, 2023 AND PROVIDED BY GEORGIA POWER COMPANY. PLANIMETRIC INFORMATION WAS PROVIDED BY GEORGIA POWER COMPANY AND DATED MAY 4, 2018.
2. ALL COORDINATES ARE BASED ON NORTH AMERICAN DATUM 83 (NAD 83), GEORGIA STATE PLANE, WEST ZONE. ALL ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).

**NOTES:**

1. AP1-P26 WAS ABANDONED ON JUNE 21, 2023 PER THE MINOR MODIFICATION TO THE AP1 GROUNDWATER MONITORING PLAN DATED JANUARY 2024.
2. LIMITS OF CCR, LIMITS OF CCR REMOVAL, AND LIMITS OF CONSTRUCTION WERE UPDATED TO REFLECT AS-BUILT CONDITIONS.

**LEGEND**

— 500 —	EXISTING INDEX CONTOUR
— 4 —	EXISTING INTERMEDIATE CONTOUR
— E —	ELECTRIC LINE
— FO —	FIBER OPTIC LINE
— 10 —	ELECTRIC
— G —	GAS
— T —	TREELINE
— W —	WETLAND
— SB —	WETLAND BUFFER
— SS —	STORM SEWER
— RE —	RIVER EDGE
— RC —	RIVER CENTERLINE
— D —	DITCH
— GR —	GUARDRAIL
— RR —	RAILROAD
— TS —	TREE/SHRUB
— S —	SIGN
— P —	POWER POLE
— L —	LIGHT POLE
— M —	MANHOLE
— H —	HEADWALL
— DI —	DROP INLET
— GA —	GUY WIRE ANCHOR
— U —	MISC. UNKNOWN
— K —	MISC. UNKNOWN
— AP —	AP1 PERMIT BOUNDARY
— L —	LIMITS OF CCR
— R —	LIMITS OF CCR REMOVAL
— C —	LIMITS OF CONSTRUCTION
— OH —	ORDINARY HIGH WATER MARK

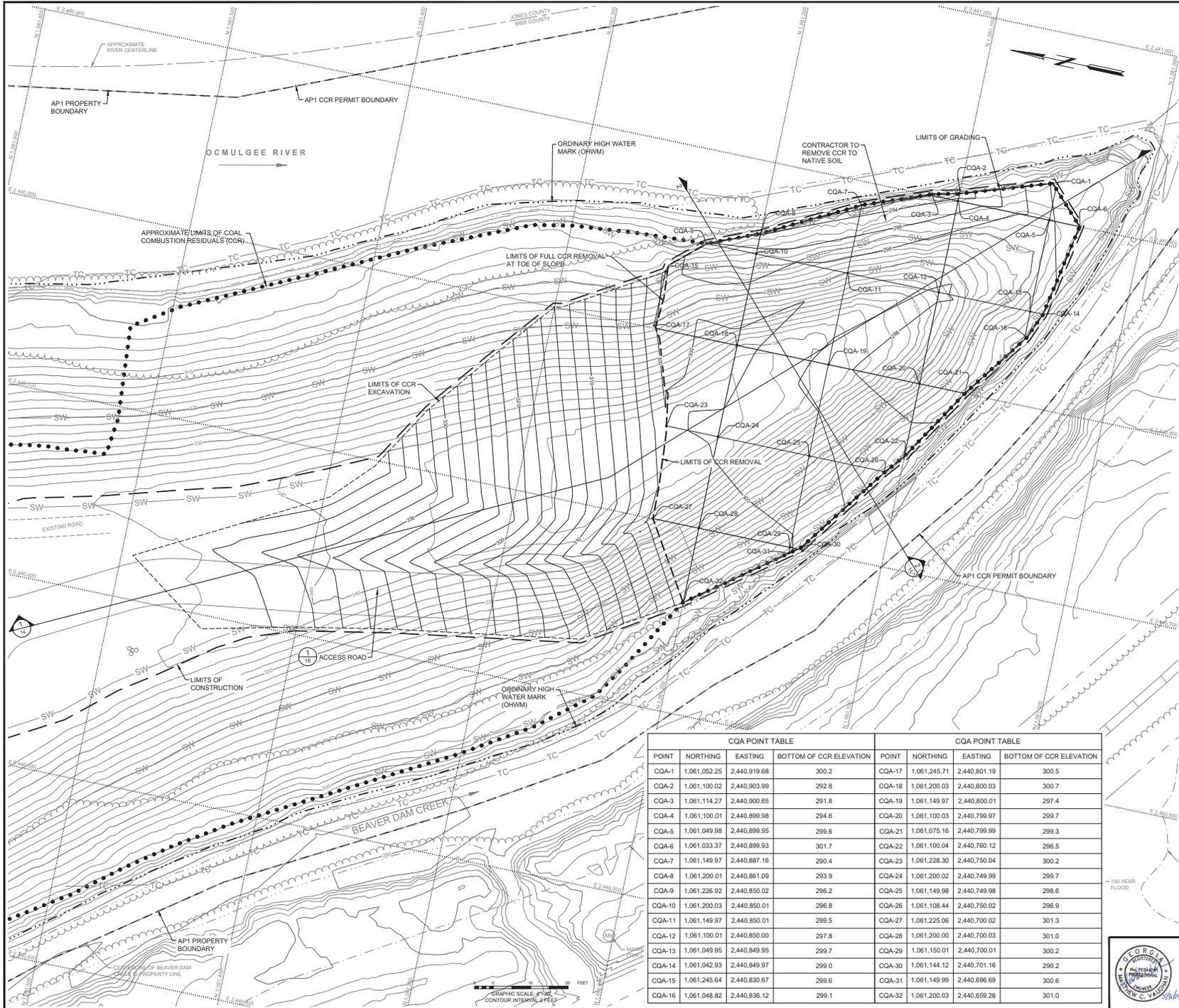
REV	DATE	DESCRIPTION	DRWN	CHKD
1	05/31/24	AS-BUILT FOR SUBMITTAL TO EPD	ACC	CJJ
0	06/13/23	ISSUED FOR SUBMITTAL TO EPD	BMS	CJJ

EXISTING CONDITIONS

**GEORGIA POWER - PLANT ARKWRIGHT**  
**AP1 LANDFILL SOUTH POINT IMPROVEMENTS**  
 MACON-BIBB COUNTY, GEORGIA  
 PERMIT NO. 0114-0300 (L1)  
 MINOR MODIFICATION - JUNE 2023

	1110 Market Street, Suite 214A Chattanooga, Tennessee 37402-2903 www.stantec.com	
	PROJECT NO. 175518230 SCALE 1"=20' DATE APRIL 12, 2024	

GEORGIA PROFESSIONAL ENGINEER SEAL NO. 175518230, EXPIRES 12/31/2028, ISSUED 12/31/2023, STATE OF GEORGIA, PROFESSIONAL ENGINEERING BOARD, CIVIL ENGINEERING DIVISION, 100 N. W. CORNER OF THE STATE HOUSE, ATLANTA, GEORGIA 30334



- MAPPING SOURCE NOTES:**
1. TOPOGRAPHIC INFORMATION WAS OBTAINED FROM A LIDAR SURVEY PERFORMED ON FEBRUARY 3, 2023 AND PROVIDED BY GEORGIA POWER COMPANY. PLANIMETRIC INFORMATION WAS PROVIDED BY GEORGIA POWER COMPANY AND DATED MAY 4, 2018.
  2. ALL COORDINATES ARE BASED ON NORTH AMERICAN DATUM 83 (NAD 83), GEORGIA STATE PLANE, WEST ZONE. ALL ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).
- NOTES:**
1. AREAS OF EXPOSED CCR WERE GRADED TO DRAIN TO THE INTERIOR DURING CCR REMOVAL.
  2. NO WATER WAS DISCHARGED TO THE PERIMETER DURING CCR BERM REMOVAL.
  3. CONTOURS SHOWN WITHIN THE LIMITS OF THE CCR EXCAVATION AREA DEPICT AS-BUILT CONDITIONS BASED ON SURVEY OF THE CCR/SOIL INTERFACE AND TOP OF CCR.
  4. EXCAVATION DID NOT PROGRESS BELOW THE ORDINARY HIGH WATER MARK.
  5. FINAL COVER WAS CONSTRUCTED ON THE EXCAVATION SLOPE AS CCR EXCAVATION PROGRESSED TO LOWER ELEVATIONS.
  6. CONTRACTOR MAINTAINED A TEMPORARY SUMP DURING CCR EXCAVATION.
  7. LIMITS OF CCR EXCAVATION AND CCR REMOVAL WERE UPDATED TO REFLECT AS-BUILT CONDITIONS DURING CONSTRUCTION.
  8. SELECT GRID POINT LOCATIONS WERE ADJUSTED AROUND THE PERIMETER TO CAPTURE LIMITS OF CCR REMOVAL.

- LEGEND**
- 300 --- EXISTING INDEX CONTOUR
  - 150 --- EXISTING INTERMEDIATE CONTOUR
  - E — ELECTRIC LINE
  - FO — FIBER OPTIC LINE
  - EC — ELECTRIC
  - G — GAS
  - T — TREELINE
  - W — WETLAND
  - WB — WETLAND BUFFER
  - SS — STORM SEWER
  - RE — RIVER EDGE
  - RC — RIVER CENTERLINE
  - D — DITCH
  - F — FENCE
  - GR — GUARDRAIL
  - RR — RAILROAD
  - TREE/SHRUB
  - S — SIGN
  - P — POWER POLE
  - L — LIGHT POLE
  - M — MANHOLE
  - H — HEADWALL
  - DI — DROP INLET
  - GA — GUY WIRE ANCHOR
  - MI — MISC. UNKNOWN
  - AP1 — AP1 PERMIT BOUNDARY
  - L — LIMITS OF CCR
  - L — LIMITS OF CCR REMOVAL
  - L — LIMITS OF CONSTRUCTION
  - OHWM — ORDINARY HIGH WATER MARK
  - 300 — INDEX CONTOUR
  - 150 — INTERMEDIATE CONTOUR
- SECTION OR DETAIL NO. TARGET DRAWING REFERENCE KEY

CQA POINT TABLE				CQA POINT TABLE			
POINT	NORTHING	EASTING	BOTTOM OF CCR ELEVATION	POINT	NORTHING	EASTING	BOTTOM OF CCR ELEVATION
CQA-1	1,061,052.25	2,440,919.68	300.2	CQA-17	1,061,245.71	2,440,801.19	300.5
CQA-2	1,061,100.02	2,440,903.99	292.8	CQA-18	1,061,200.03	2,440,800.03	300.7
CQA-3	1,061,114.27	2,440,900.65	291.8	CQA-19	1,061,149.97	2,440,800.01	297.4
CQA-4	1,061,100.01	2,440,899.98	294.6	CQA-20	1,061,100.03	2,440,799.97	299.7
CQA-5	1,061,049.98	2,440,899.95	299.6	CQA-21	1,061,075.16	2,440,799.99	299.3
CQA-6	1,061,033.37	2,440,899.93	301.7	CQA-22	1,061,100.04	2,440,760.12	296.5
CQA-7	1,061,149.97	2,440,887.16	290.4	CQA-23	1,061,228.30	2,440,750.04	300.2
CQA-8	1,061,200.01	2,440,861.09	293.9	CQA-24	1,061,200.02	2,440,749.99	299.7
CQA-9	1,061,226.92	2,440,850.02	296.2	CQA-25	1,061,149.98	2,440,749.98	298.6
CQA-10	1,061,200.03	2,440,850.01	296.8	CQA-26	1,061,108.44	2,440,750.02	296.9
CQA-11	1,061,149.97	2,440,850.01	299.5	CQA-27	1,061,225.06	2,440,700.02	301.3
CQA-12	1,061,100.01	2,440,850.00	297.8	CQA-28	1,061,200.00	2,440,700.03	301.0
CQA-13	1,061,049.95	2,440,849.95	299.7	CQA-29	1,061,150.01	2,440,700.01	300.2
CQA-14	1,061,042.93	2,440,849.97	299.0	CQA-30	1,061,144.12	2,440,701.16	299.2
CQA-15	1,061,245.64	2,440,830.67	299.6	CQA-31	1,061,149.99	2,440,696.69	300.6
CQA-16	1,061,048.82	2,440,836.12	299.1	CQA-32	1,061,200.03	2,440,659.26	301.0

REV	DATE	DESCRIPTION	DRAWN	CHECKED
1	05/31/24	AS-BUILT FOR SUBMITTAL TO EPD	ACC	CJJ
0	06/13/23	ISSUED FOR SUBMITTAL TO EPD	BMS	CJJ

**CCR EXCAVATION**

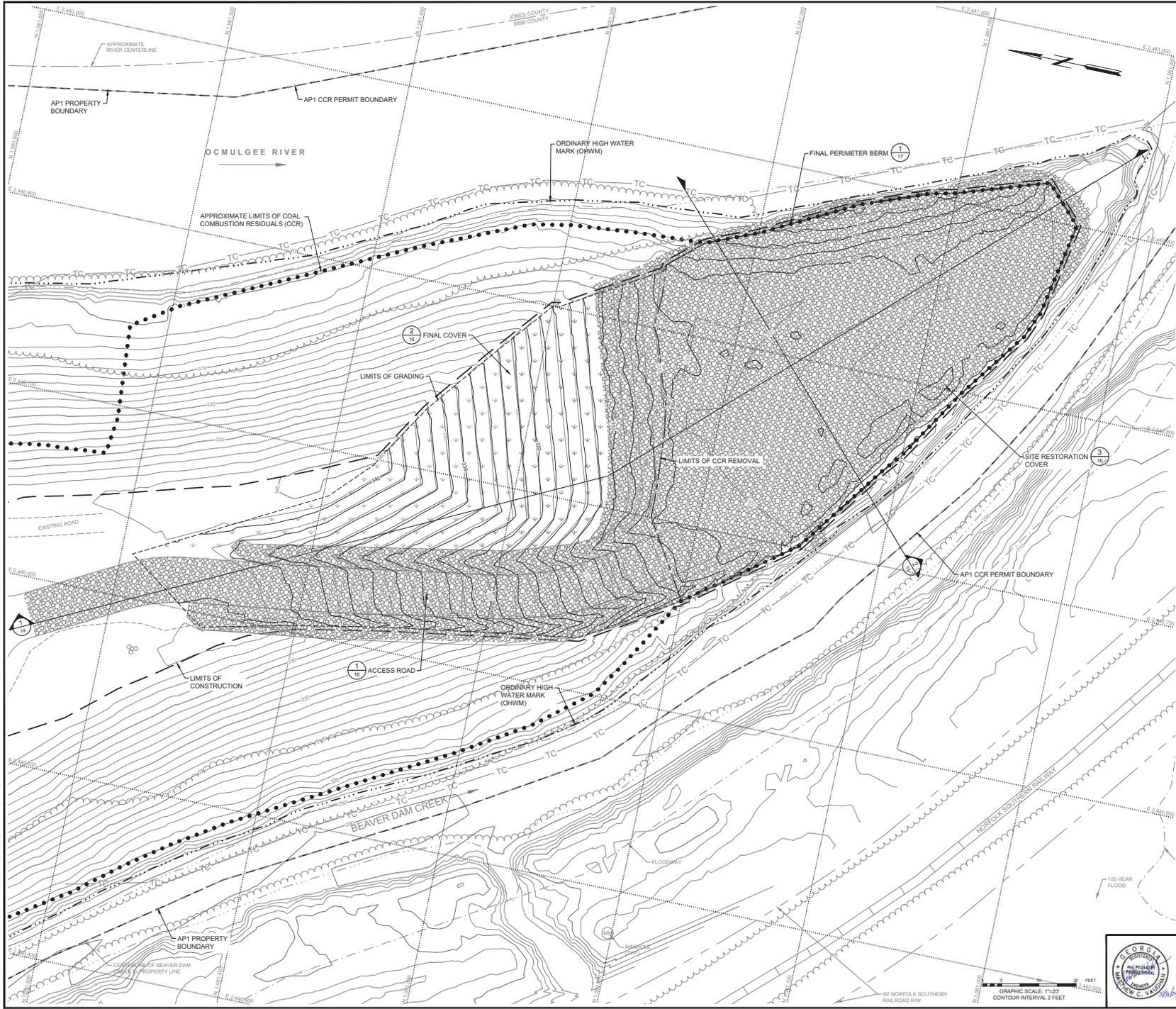
**GEORGIA POWER - PLANT ARKWRIGHT**  
**AP1 LANDFILL SOUTH POINT IMPROVEMENTS**  
 MACON-BIBB COUNTY, GEORGIA  
 PERMIT NO. 0114-2300 (L1)  
 MINOR MODIFICATION - JUNE 2023



1110 Market Street, Suite 214A  
 Chattanooga, Tennessee 37402-2983  
 www.stantec.com

PROJECT NO. 175518230 DWG. 05\_175518230C-307-STAGE4  
 SCALE 1"=20' SHEET 6  
 DATE APRIL 12, 2024

GEORGIA POWER COMPANY IS THE OWNER OF THE PROJECT. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF GEORGIA POWER COMPANY AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF GEORGIA POWER COMPANY.



**MAPPING SOURCE NOTES:**

1. TOPOGRAPHIC INFORMATION WAS OBTAINED FROM A LIDAR SURVEY PERFORMED ON FEBRUARY 3, 2023 AND PROVIDED BY GEORGIA POWER COMPANY. PLANIMETRIC INFORMATION WAS PROVIDED BY GEORGIA POWER COMPANY AND DATED MAY 4, 2018.
2. ALL COORDINATES ARE BASED ON NORTH AMERICAN DATUM 83 (NAD 83), GEORGIA STATE PLANE, WEST ZONE. ALL ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).

**NOTES:**

1. MAINTAIN SEPARATION BETWEEN WATER THAT MAY CONTACT CCR AND WATER THAT ONLY CONTACTS AREAS WITH COMPLETE COVER CONSTRUCTED.
2. FOLLOWING CONFIRMATION OF CCR REMOVAL FOLLOWING THE COA REQUIREMENTS, ALL AREAS WITHIN LIMITS OF CCR REMOVAL TO RECEIVE EITHER SOIL OR AGGREGATE COVER AS SHOWN.
3. LIMITS OF CCR, LIMITS OF CCR REMOVAL, AND LIMITS OF CONSTRUCTION WERE UPDATED TO REFLECT AS-BUILT CONDITIONS.
4. EXISTING CONTOURS DEPICT FEBRUARY 3, 2023 LIDAR OVERLAIN WITH AS-BUILT INFORMATION FOR TOP OF CCR ALONG THE EXCAVATION SLOPE AND AS-BUILT COVER-EXCAVATION SURFACE WITHIN THE CCR REMOVAL AREA. PROPOSED CONTOURS DEPICT AS-BUILT FINAL CONDITIONS.
5. FINAL PERIMETER BERM WAS PLACED ALONG THE LIMITS OF GRADING TO ACT AS AN EROSION CONTROL MEASURE WHILE PLACING COVER AGGREGATE. GDOT TYPE 3 RIPRAP COVER WAS PLACED FLUSH WITH THE TOP OF PERIMETER BERM.

**LEGEND**

	EXISTING INDEX CONTOUR
	EXISTING INTERMEDIATE CONTOUR
	ELECTRIC LINE
	FIBER OPTIC LINE
	ELECTRIC
	GAS
	TREE LINE
	WETLAND
	WETLAND BUFFER
	STORM SEWER
	RIVER EDGE
	RIVER CENTERLINE
	DITCH
	FENCE
	GUARDRAIL
	RAILROAD
	TREE/SHRUB
	SIGN
	POWER POLE
	LIGHT POLE
	MANHOLE
	HEADWALL
	DROP INLET
	GUY WIRE ANCHOR
	MISC. UNKNOWN
	MISC. UNKNOWN
	AP1 PERMIT BOUNDARY
	LIMITS OF CCR
	LIMITS OF CCR REMOVAL
	LIMITS OF CONSTRUCTION
	ORDINARY HIGH WATER MARK

SECTION OR DETAIL NO.  
 REFERENCE KEY

1	05/31/24	AS-BUILT FOR SUBMITTAL TO EPD	ACC	CJJ
0	06/13/23	ISSUED FOR SUBMITTAL TO EPD	BMS	CJJ
REV	DATE	DESCRIPTION	DRWR	CHKD

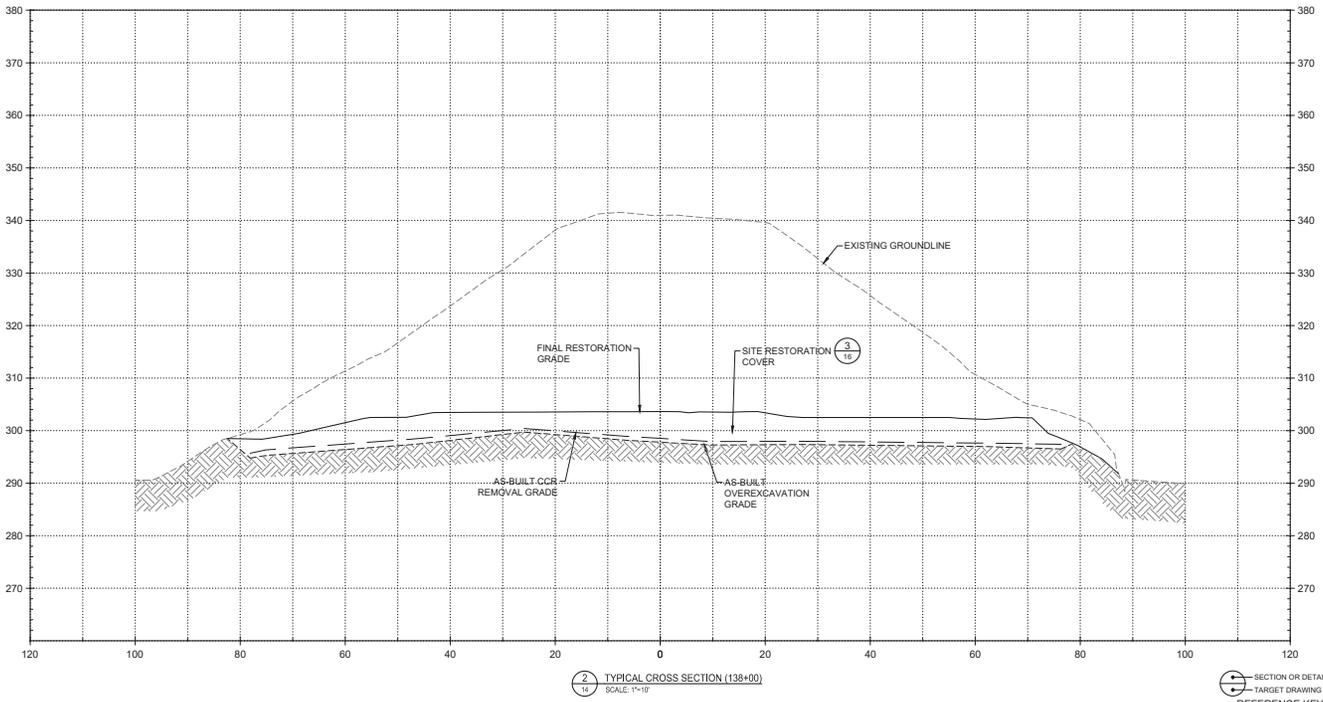
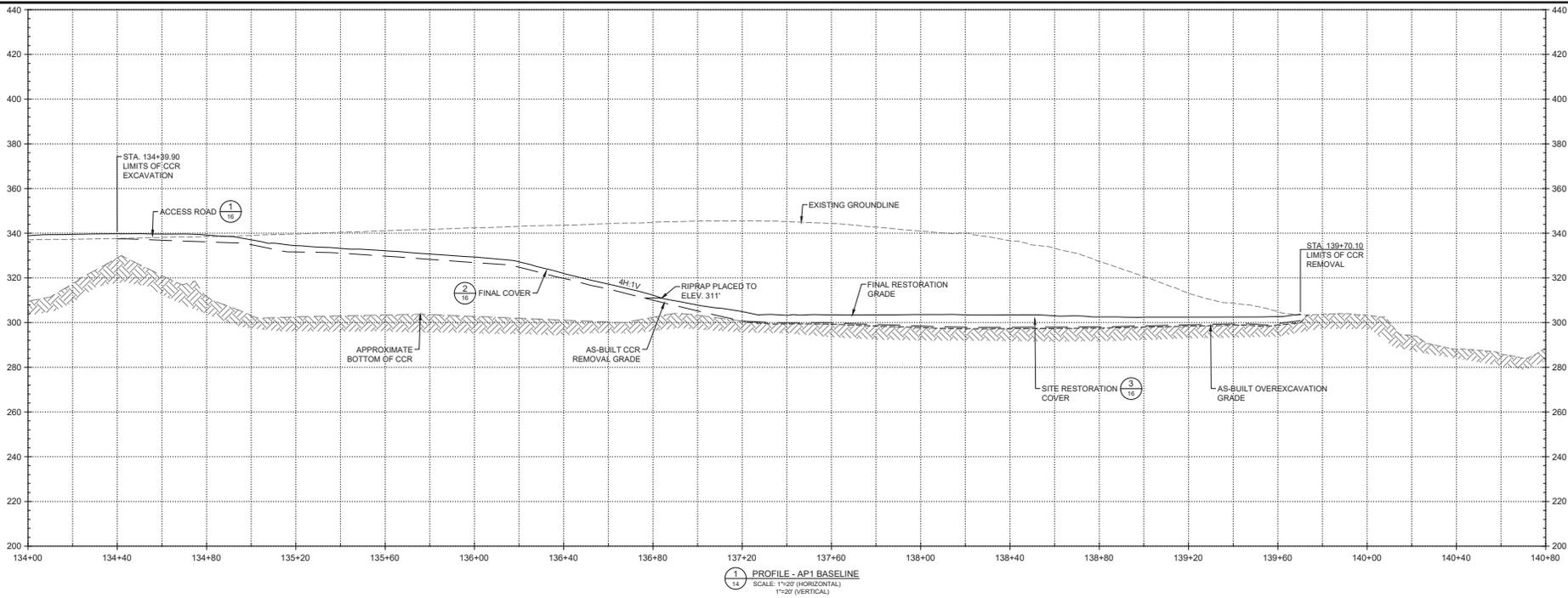
**RESTORATION PLAN**

**GEORGIA POWER - PLANT ARKWRIGHT**  
**AP1 LANDFILL SOUTH POINT IMPROVEMENTS**  
 MACON-BIBB COUNTY, GEORGIA  
 PERMIT NO. 0114-0300 (L1)  
 MINOR MODIFICATION - JUNE 2023

	1110 Market Street, Suite 214A Chattanooga, Tennessee 37402-2983 www.stantec.com	
	PROJECT NO. 1755182300 SCALE 1"=20' DATE APRIL 12, 2024	

GEORGIA PROFESSIONAL ENGINEER SEAL FOR STANTEC  
 CHATTANOOGA, TENNESSEE 37402-2983  
 PERMIT NO. 0114-0300 (L1)  
 MINOR MODIFICATION - JUNE 2023

GRAPHIC SCALE 1"=20'  
 CONTOUR INTERVAL 2 FEET



SECTION OR DETAIL NO. — TARGET DRAWING  
REFERENCE KEY

1	05/31/24	AS-BUILT FOR SUBMITTAL TO EPD	ACC	CJJ
0	06/13/23	ISSUED FOR SUBMITTAL TO EPD	BMS	CJJ
REV	DATE	DESCRIPTION	DRAWN	CHECK

**CCR REMOVAL CROSS SECTIONS**

**GEORGIA POWER - PLANT ARKWRIGHT**  
**AP1 LANDFILL SOUTH POINT IMPROVEMENTS**  
 MACON-BIBB COUNTY, GEORGIA  
 PERMIT NO. 0114-0300 (L1)  
 MINOR MODIFICATION - JUNE 2023



1110 Market Street, Suite 214A  
 Chattanooga, Tennessee 37402-2963  
 www.stantec.com

**Stantec**

PROJECT NO.	175518230	DWG.	14_175518230C-401-PROP
SCALE	AS SHOWN	SHEET	14
DATE	APRIL 12, 2024		

REVISION: 05/31/24 BY: P. J. LEE, P.E. DATE: 05/31/24  
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