

CLOSURE DRAWINGS

FOR

GEORGIA POWER

PLANT YATES

INACTIVE CCR SURFACE IMPOUNDMENT - ASH POND 1

COWETA COUNTY, GEORGIA

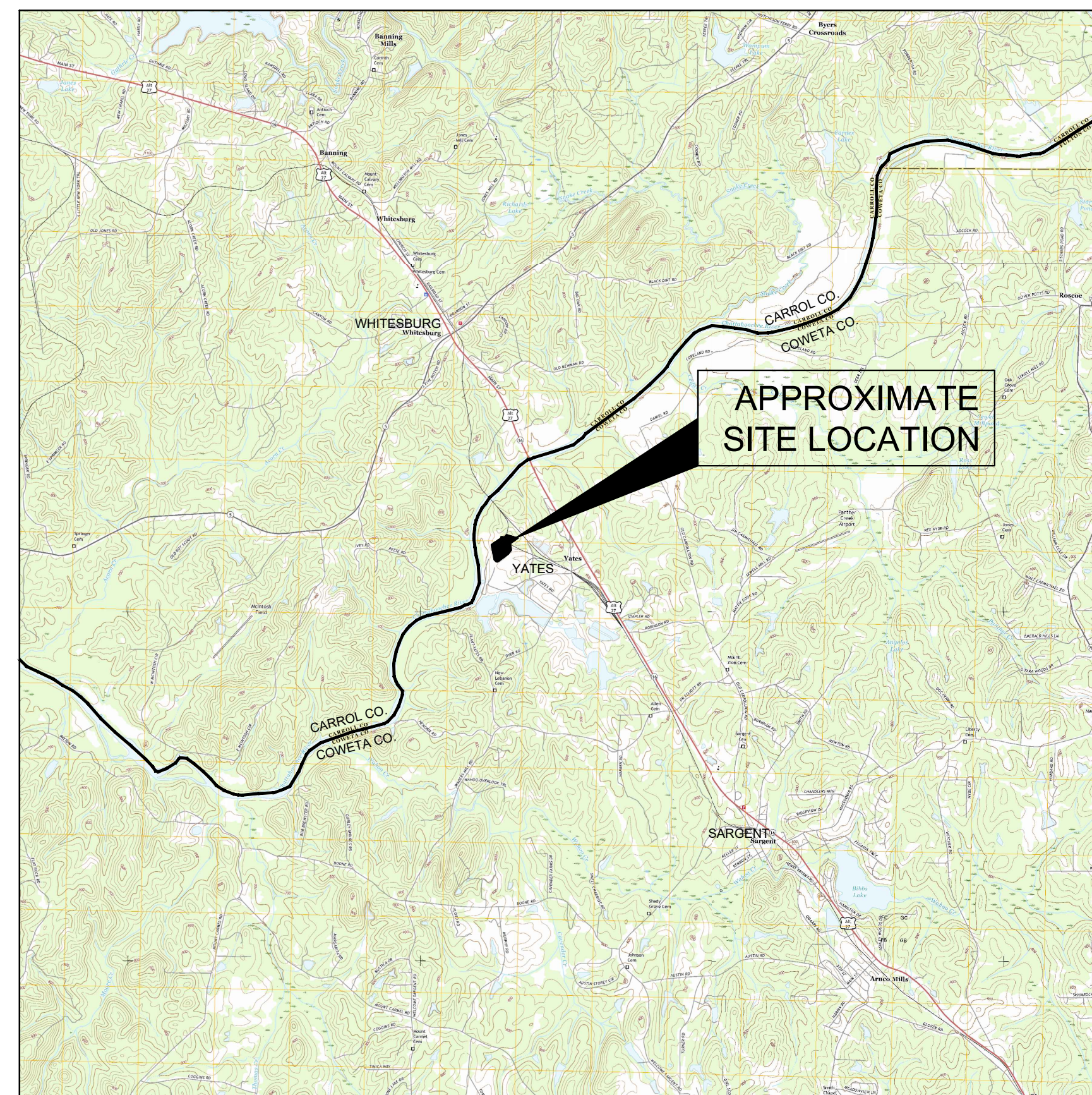
SEPTEMBER 2021

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

ACC

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



REVISION HISTORY

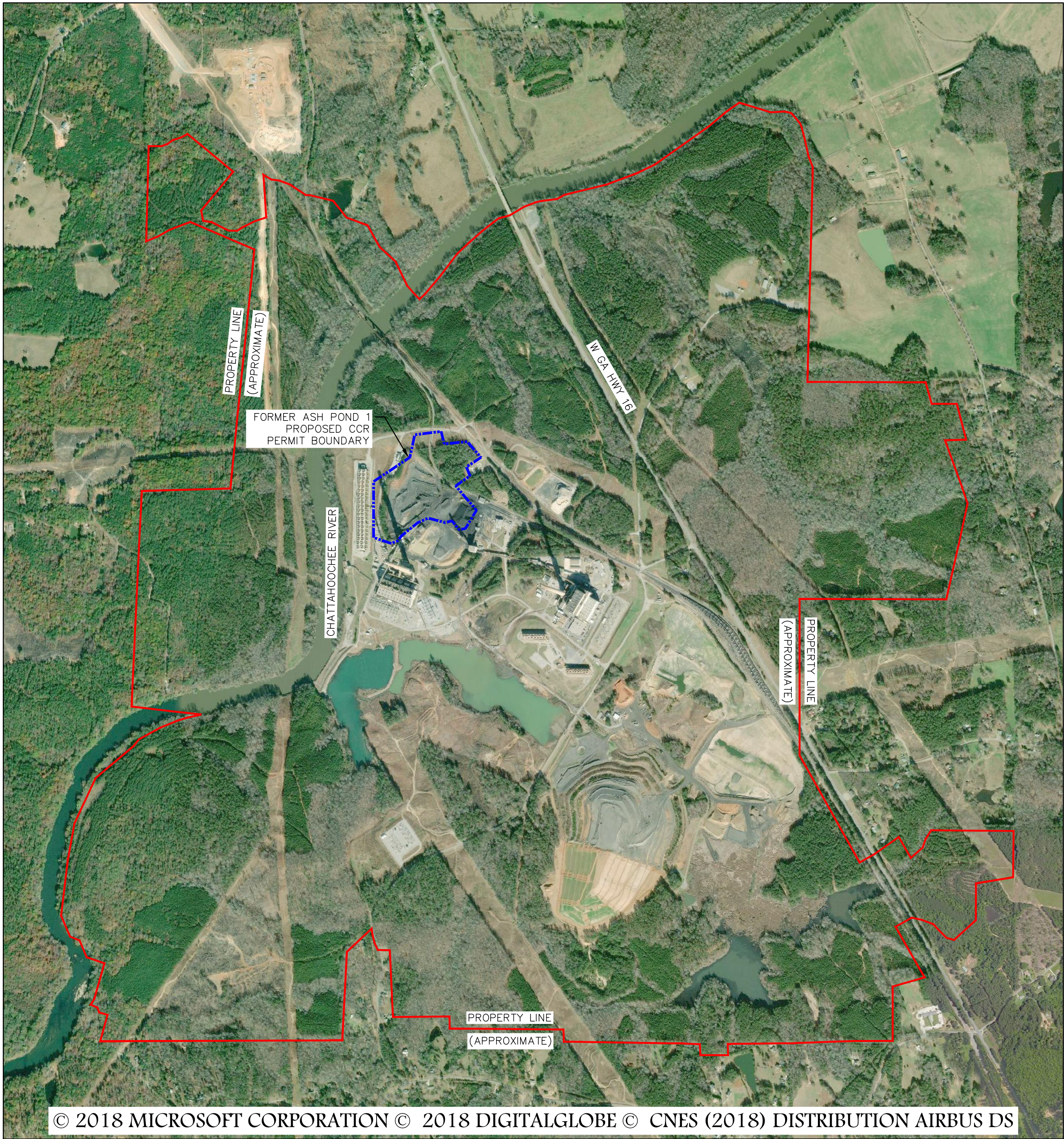
DATE	SHEETS	REQUESTED BY

INDEX OF DRAWINGS

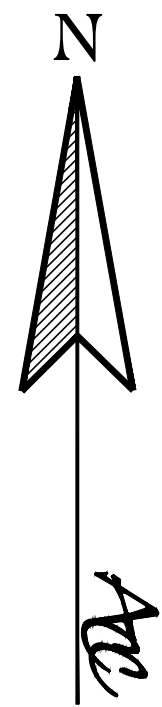
SHEET NO.	DESCRIPTION
1	COVER
2	PROPERTY BOUNDARY & INDEX
3	PERMIT BOUNDARY & LEGAL DESCRIPTION
4	PRE CLOSURE EXISTING CONDITIONS
5	CLOSURE FINAL GRADE SURVEY
6	PROPOSED GRADING PLAN
7	MISCELLANEOUS DETAILS



P:\Industrial\054-Southern Company\107-Plant Yates CCR Permitting\2 - CCR Permit AP1\Drawings\054-107-AP1-002 (Index).dwg 10/9/21 MATTHEW TRUNNELL



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



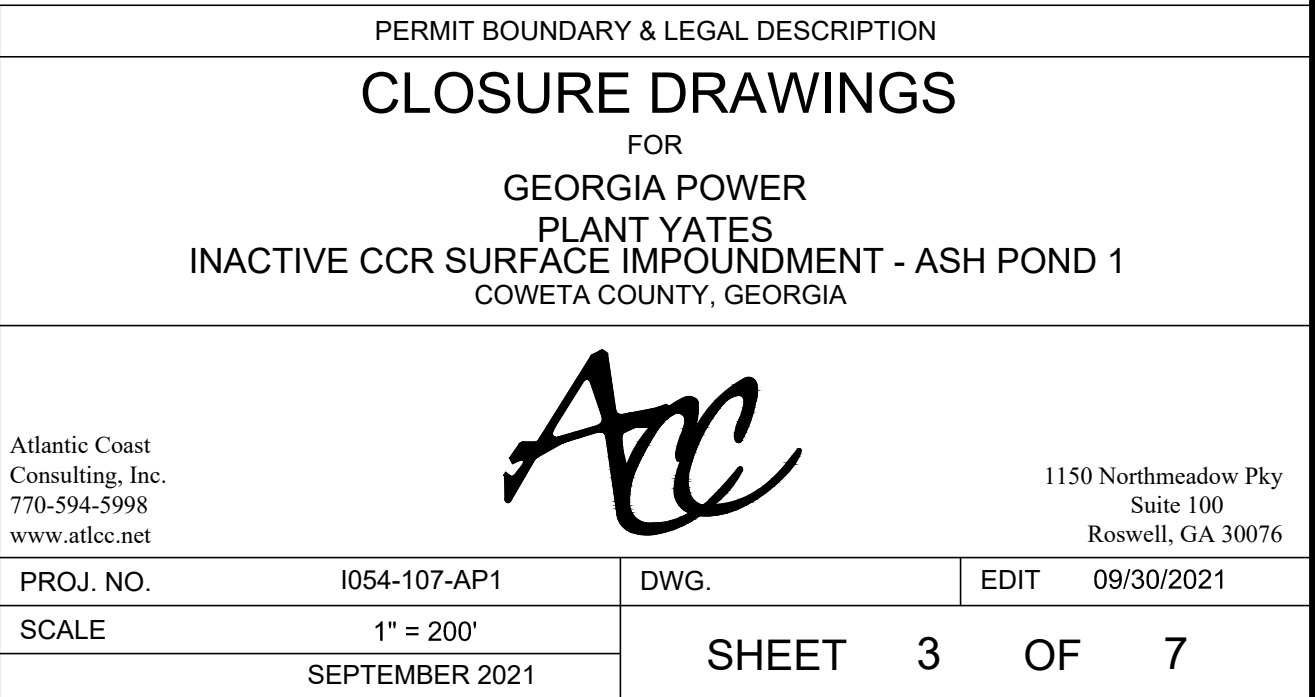
LEGEND		
EXISTING	NEW	DESCRIPTION
		APPROXIMATE PROPERTY BOUNDARY
		CCR PERMIT BOUNDARY
		10' CONTOUR
		2' CONTOUR
		POTENTIOMETRIC CONTOUR
		PAVED ROAD
		TREELINE
		RAILROAD
		GROUNDWATER MONITORING WELL
		PIEZOMETER
		OVERHEAD POWER LINE
		POWER POLE
		TRANSMISSION LINE TOWER
		PERMANENT IDENTIFICATION MARKER

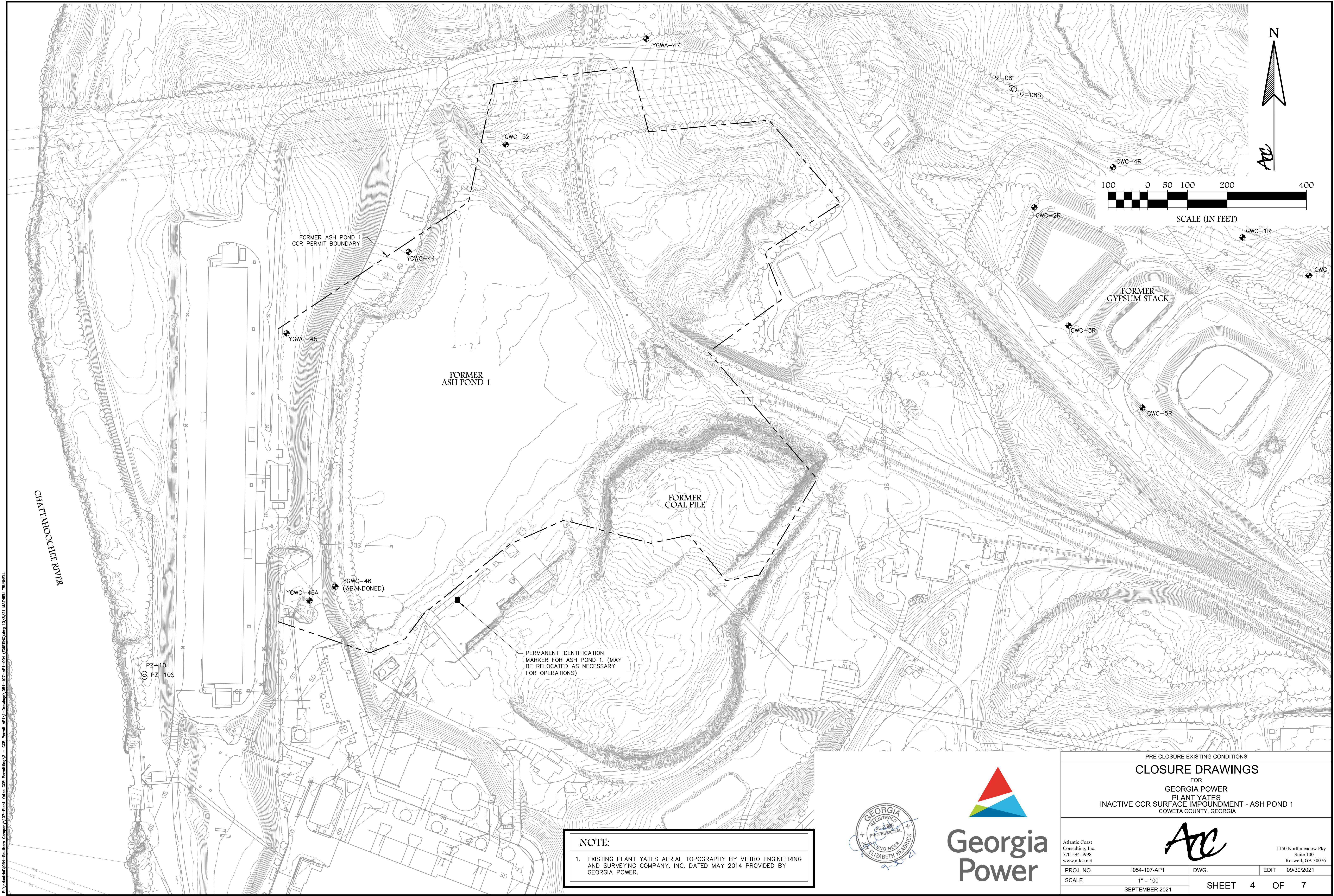
GENERAL NOTES:

- 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 REPRESENTATION OF THE PHASES TO CLOSE ASH POND 2 THROUGH REMOVAL OF CCR.

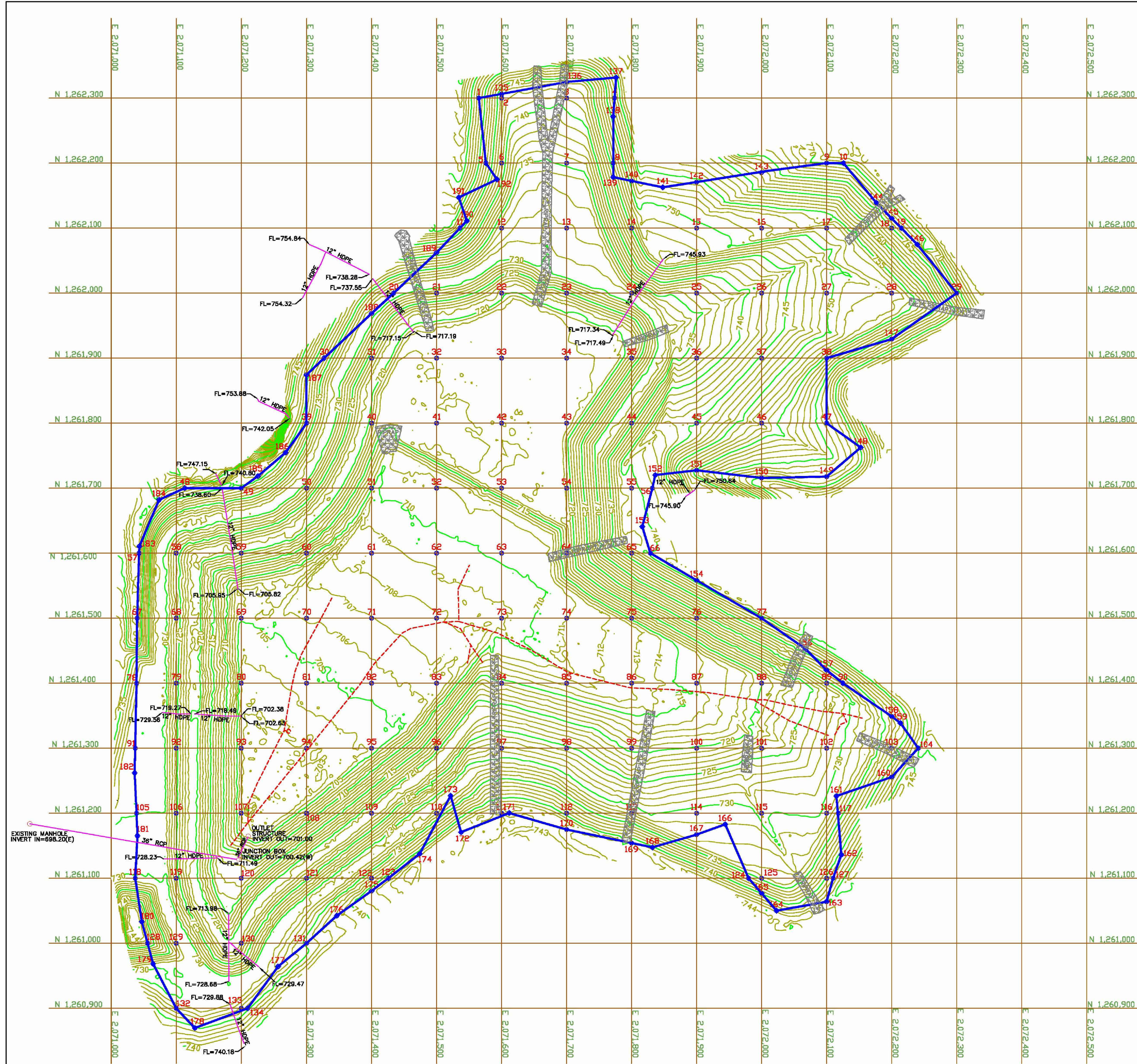
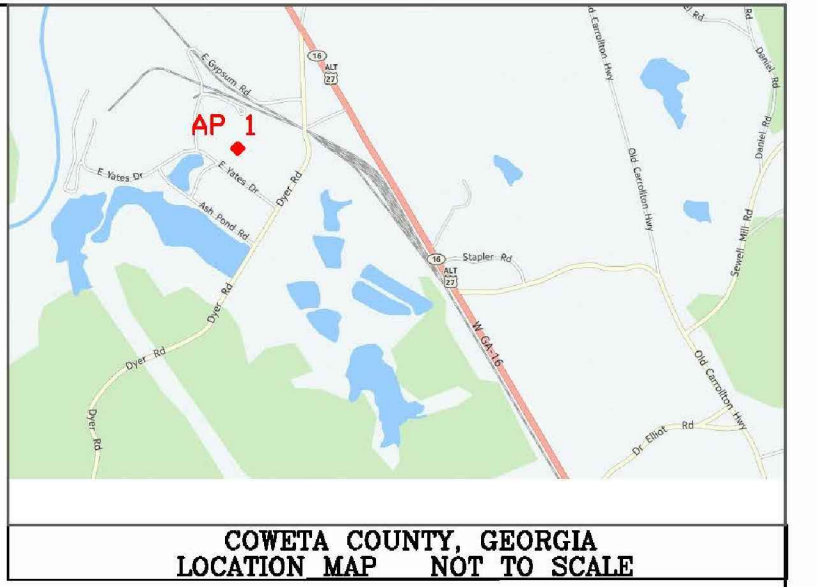


PROPERTY BOUNDARY & INDEX				
CLOSURE DRAWINGS				
FOR				
GEORGIA POWER				
PLANT YATES				
INACTIVE CCR SURFACE IMPOUNDMENT - ASH POND 1				
COWETA COUNTY, GEORGIA				
Atlantic Coast Consulting, Inc. 770-594-5998 www.atcc.net		 1150 Northmeadow Pky Suite 100 Roswell, GA 30076		
PROJ. NO.	I054-107-AP1	DWG.	EDIT	09/30/2021
SCALE	1" = 1,000'	SHEET 2 OF 7		
SEPTEMBER 2021				





PLANT YATES
ASH POND-1 CLOSURE
FINAL GRADE SURVEY
(FIGURE 3)
COWETA COUNTY, GEORGIA
APRIL 2018



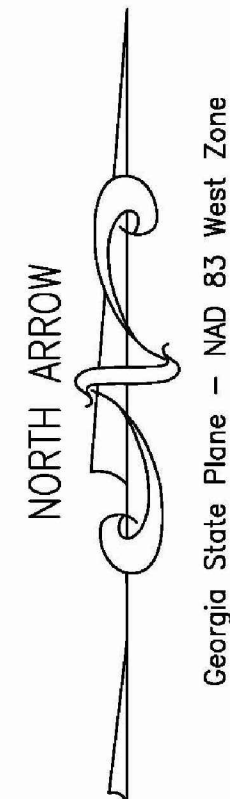
NOTE:

- 1) All Coordinates are Georgia State Plane - West Zone NAD 83. all elevations shown are NAVD 88.
- 2) Contours from Digital Terrain Model of field surveyed data collected April 2, 2018.
- 3) Equipment used is Topcon Hyper Life Plus GPS
- 4) This plat has been calculated for closure and was found to be accurate within one foot in 100,000 feet.
- 5) Field Survey by Ray & Gilliland, P.C.
122 North Calhoun Avenue
P.O. Box 1183
Sylacauga, Alabama 35150
Tel. No. (256) 245-3243

I, RONALD T. COWIN A REGISTERED SURVEYOR IN THE STATE OF GEORGIA HEREBY CERTIFY THE MAP OR PLAT OF THE ABOVE SURVEY WAS MADE UNDER MY DIRECT SUPERVISION IN ACCORDANCE WITH THE GEORGIA ACT 1291-4-3-78 AND G.A.C. 115-6-56 & 115-6-56. THE ABOVE SURVEY WAS PERFORMED USING EXISTING SURVEYS.

Ronald T. Cowin

April 4, 2018
Georgia Registered Land Surveyor No. 2696



RON CODWIN IS ACTING AGENT FOR FOUR CORNERS SURVEYING.

0100200300

RAY & GILLILAND, P.C.

122 NORTH CALHOUN AVENUE
P.O. BOX 1183
SYLACAUGA, ALABAMA 35150
DRAWN BY: CMR
CLOSURE SURVEY

TEL. NO. (256) 245-3243
FAX NO. (256) 245-3202
FILE: AP1 CERT POINTS.CRD
SCALE: 1" = 100'
DATE: 04/2018

12

CERTIFICATION POINT

100.00

CERTIFICATION POINT #

FL

= FLOW LINE

ASH POND 1 BOUNDARY

UNDER DRAIN

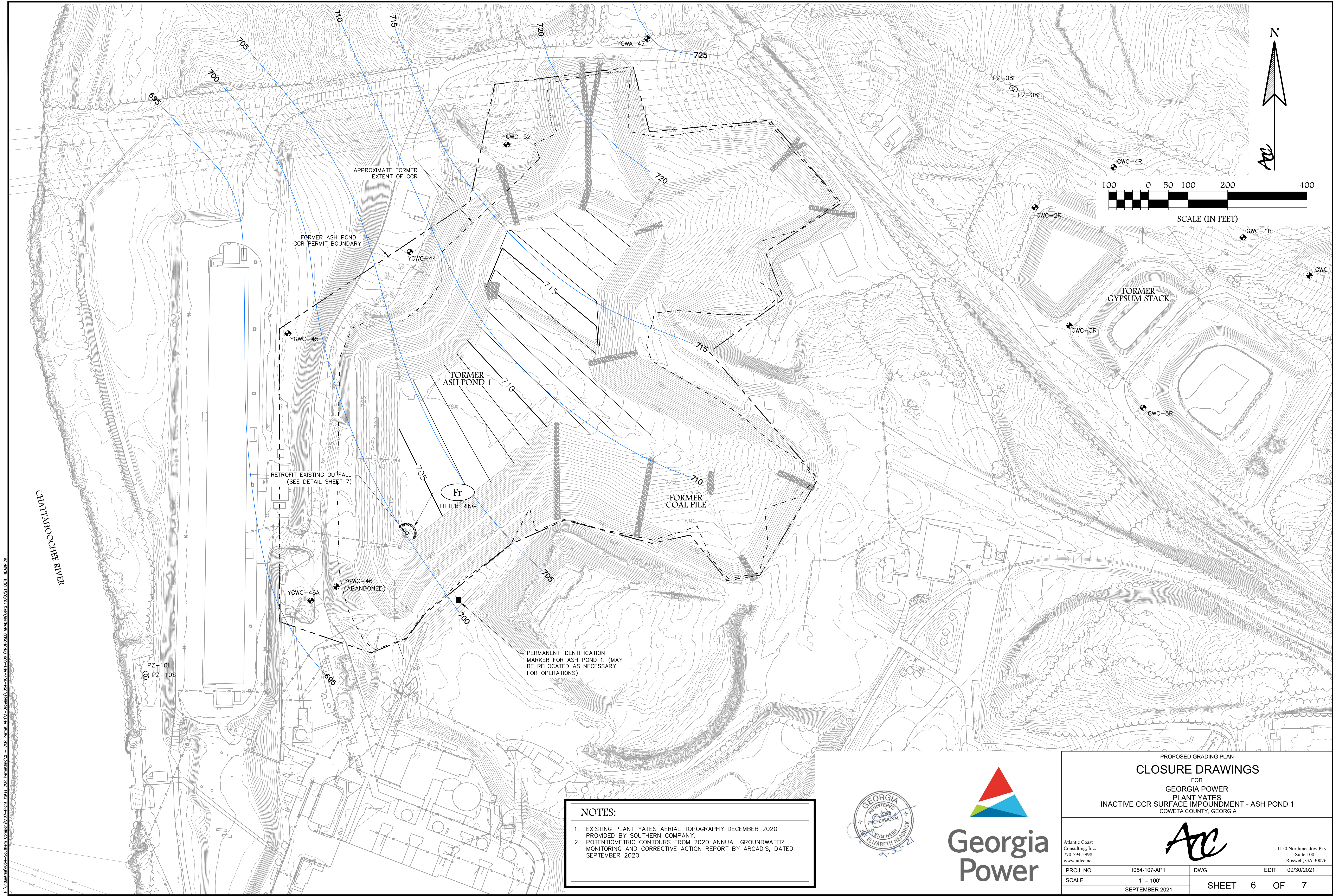
RIP RAP

MINOR CONTOUR

MAJOR CONTOUR

CLOSURE FINAL GRADE SURVEY
FOR
GEORGIA POWER
PLANT YATES
INACTIVE CCR SURFACE IMPOUNDMENT - ASH POND 1
COWETA COUNTY, GEORGIA

Grid Certification Point #	North	East	As Built Closure Cut Elevation	As Built 6" Undercut Elevation	Cut Thickness (ft.)	Finished Elevation	Date Surveyed Closure Cut	Date Surveyed 6" Undercut	Date Finished Elevation
1	1262300.00	2071555.00	742.24	741.12	-1.12	752.50	06.02.17	06.02.17	03.16.18
2	1262300.00	2071600.00	721.94	721.01	-0.93	743.51	06.02.17	06.02.17	03.16.18
3	1262300.00	2071700.00	741.46	740.71	-0.75	741.51	06.02.17	06.02.17	03.16.18
4	1262300.00	2071737.87	742.20	741.51	-0.69	753.41	06.02.17	06.02.17	03.16.18
5	1262200.00	2071576.00	737.62	736.96	-0.66	748.51	06.02.17	06.02.17	03.16.18
6	1262200.00	2071600.00	735.74	735.16	-0.58	742.55	06.02.17	06.02.17	03.16.18
7	1262200.00	2072000.00	734.40	733.85	-0.55	735.42	06.02.17	06.02.17	03.16.18
8	1262200.00	2071771.72	736.37	735.65	-0.72	746.11	06.02.17	06.02.17	03.16.18
9	1262200.00	2072100.00	769.02	768.39	-0.63	770.12	06.02.17	06.02.17	03.16.18
10	1262200.00	2072126.00	770.41	769.75	-0.66	770.62	06.02.17	06.02.17	03.16.18
11	1262100.00	2071536.00	735.42	734.44	-0.98	746.02	05.31.17	06.02.17	03.16.18
12	1262100.00	2071600.00	728.35	727.68	-0.67	732.89	05.31.17	06.02.17	03.16.18
13	1262100.00	2071700.00	731.67	730.45	-1.21	731.75	05.31.17	06.02.17	03.16.18
14	1262100.00	2071800.00	748.74	745.17	-3.57	744.82	07.06.17	07.10.17	03.16.18
15	1262100.00	2071900.00	748.54	747.65	-0.89	749.42	06.02.17	06.02.17	03.16.18
16	1262100.00	2072000.00	751.94	750.59	-1.35	751.58	06.02.17	06.02.17	03.16.18
17	1262100.00	2072100.00	754.27	752.82	-1.45	752.33	06.02.17	06.02.17	03.16.18
18	1262100.00	2072200.00	767.10	766.45	-0.65	765.05	06.02.17	06.02.17	03.16.18
19	1262100.00	2072215.00	769.25	768.60	-0.65	767.18	06.02.17	06.02.17	03.16.18
20	1262000.00	2071434.00	732.90	732.10	-0.80	730.61	05.31.17	06.02.17	03.16.18
21	1262000.00	2071500.00	731.66	730.88	-0.78	729.98	05.31.17	06.02.17	03.16.18
22	1262000.00	2071600.00	724.00	722.94	-1.06	720.31	05.31.17	06.02.17	03.16.18
23	1262000.00	2071700.00	730.03	727.88	-2.15	724.14	07.06.17	07.10.17	03.16.18
24	1262000.00	2071800.00	734.46	733.24	-1.22	730.96	07.06.17	07.10.17	03.16.18
25	1262000.00	2071900.00	736.34	735.51	-0.83	736.58	06.19.17	06.27.17	03.16.18
26	1262000.00	2072000.00	739.90	737.95	-1.95	741.72	06.19.17	06.27.17	03.16.18
27	1262000.00	2072100.00	743.72	742.99	-0.73	749.29	06.19.17	06.27.17	03.16.18
28	1262000.00	2072200.00	765.57	762.82	-2.75	752.22	06.19.17	06.27.17	03.16.18
29	1262000.00	2072300.00	771.18	770.30	-0.88	769.12	06.19.17	06.27.17	03.16.18
30	1261900.00	2071327.00	735.46	734.70	-0.76	737.18	06.02.17	06.02.17	03.16.18
31	1261900.00	2071400.00	719.79	718.98	-0.81	723.56	06.02.17	06.02.17	03.16.18
32	1261900.00	2071500.00	716.64	716.04	-0.60	717.02	05.31.17	06.02.17	03.16.18
33	1261900.00	2071600.00	719.61	719.01	-0.60	719.54	07.14.17	07.17.17	03.16.18
34	1261900.00	2071700.00	725.96	723.28	-2.68	717.75	07.06.17	07.10.17	03.16.18
35	1261900.00	2071800.00	731.01	729.84	-1.17	721.96	07.06.17	07.10.17	03.16.18
36	1261900.00	2071900.00	740.19	739.37	-0.82	736.39	06.19.17	06.27.17	03.16.18
37	1261900.00	2072000.00	752.89	751.89	-1.00	745.18	06.19.17	06.27.17	03.16.18
38	1261900.00	2072100.00	755.89	755.05	-0.84	755.50	06.19.17	06.27.17	03.16.18
39	1261800.00	2071300.00	741.37	740.63	-0.74	737.48	06.02.17	06.02.17	03.16.18
40	1261800.00	2071400.00	727.28	724.09	-3.19	718.51	06.02.17	06.02.17	03.16.18
41	1261800.00	2071500.00	717.14	716.17	-0.97	717.03	07.14.17	07.17.17	03.16.18
42	1261800.00	2071600.00	720.07	718.01	-2.06	717.02	07.14.17	07.17.17	03.16.18
43	1261800.00	2071700.00	721.60	720.36	-1.24	717.82	07.14.17	07.17.17	03.16.18
44	1261800.00	2071800.00	736.77	735.37	-1.40	733.92	07.06.17	07.10.17	03.16.18
45	1261800.00	2071900.00	756.82	756.32	-0.50	744.88	06.02.17	06.02.17	03.16.18
46	1261800.00	2072000.00	756.20	755.65	-0.55	752.89	06.02.17	06.02.17	03.16.18
47	1261800.00	2072100.00	760.62	760.01	-0.61	761.41	06.19.17	06.27.17	03.16.18
48	1261700.00	2071113.00	739.53	738.99	-0.54	743.17	08.02.17	08.09.17	03.16.18
49	1261700.00	2071200.00	737.54	736.72	-0.82	738.91	06.02.17	06.02.17	03.16.18
50	1261700.00	2071300.00	727.72	726.02	-1.70	728.11	06.02.17	06.02.17	03.16.18
51	1261700.00	2071400.00	710.56	710.04	-0.52	710.02	06.02.17	06.02.17	03.16.18
52	1261700.00	2071500.00	712.79	712.18	-0.61	710.90	07.14.17	07.17.17	03.16.18
53	1261700.00	2071600.00	712.31	710.16	-2.15	717.22	07.14.17	07.17.17	03.16.18
54	1261700.00	2071700.00	724.02	722.91	-1.11	717.82	07.14.17	07.17.17	03.16.18
55	1261700.00	2071800.00	739.42	738.43	-0.99	739.04	07.14.17	07.17.17	03.16.18
56	1261700.00	2071832.00	741.10	740.52	-0.58	740.20	07.21.17	07.25.17	03.16.18
57	1261600.00	2071043.00	744.04	742.99	-1.05	743.61	08.02.17	08.09.17	03.16.18
58	1261600.00	2071100.00	724.64	724.11	-0.53	725.89	08.02.17	08.09.17	03.16.18
59	1261600.00	2071200.00	727.81	727.27	-0.54	719.00	08.02.17	08.09.17	03.16.18
60	1261600.00	2071300.00	724.33	723.77	-0.56	711.81	06.02.17	06.02.17	03.16.18
61	1261600.00	2071400.00	705.23	704.27	-0.96	708.41	08.21.17	08.24.17	03.16.18
62	1261600.00	2071500.00	711.02	710.05	-0.97	709.35	08.21.17	08.24.17	03.16.18
63	1261600.00	2071600.00	709.91	708.95	-0.96	710.20	07.14.17	07.17.17	03.16.18
64	1261600.00	2071700.00	726.33	725.75	-0.58	716.07	07.21.17	07.25.17	03.16.18
65	1261600.00	2071800.00	736.27	735.75	-0.51	736.01	07.21.17	07.25.17	03.16.18
66	1261600.00	2071829.00	738.86	738.15	-0.71	739.12	07.21.17	07.25.17	03.16.18
67	1261500.00	2071040.00	743.20	741.80	-1.40	742.92	08.02.17	08.09.17	03.16.18
68	1261500.00	2071100.00	722.22	718.33	-3.89	725.95	08.02.17	08.09.17	03.16.18
69	1261500.00	2071200.00	710.44	709.08	-1.36	704.91	08.02.17	08.09.17	03.16.18
70	1261500.00	2071300.00	697.53	697.01	-0.52	706.10	08.21.17	08.24.17	03.16.18
71	1261500.00	2071400.00	704.66	703.96	-0.70	706.90	08.21.17	08.24.17	03.16.18
72	1261500.00	2071500.00	701.33	700.79	-0.54	707.80	08.24.17	08.28.17	03.16.18
73	1261500.00	2071600.00	707.06	706.55	-0.51	708.82	07.21.17	07.25.17	03.16.18
74	1261500.00	2071700.00	716.70	716.14	-0.56	710.96	07.21.17	07.25.17	03.16.18
75	1261500.00	2071800.00	725.71	725.16	-0.55	714.92	07.21.17	07.25.17	03.16.18
76	1261500.00	2071900.00	731.69	731.11	-0.58	727.02	07.21.17	07.25.17	03.16.18
77	1261500.00	2072000.00	738.75	737.93	-0.82	738.91	07.21.17	07.25.17	03.16.18
78	1261400.00	2071000.00	741.63	740.93	-0.70	731.70	08.02.17	08.09.17	03.16.18
79	1261400.00	2071100.00	721.17	719.61	-1.56	725.75	08.02.17	08.09.17	03.16.18
80	1261400.00	2071200.00	694.93	693.80	-1.13	703.48	08.02.17	08.09.17	03.16.18
81	1261400.00	2071300.00	693.80	693.22	-0.58	704.48	08.21.17	08.24.17	03.16.18
82	1261400.00	2071400.00	696.66	696.12	-0.54	705.51	08.24.17	08.28.17	03.16.18
83	1261400.00	2071500.00	705.54	705.00	-0.54	706.72	08.24.17	08.28.17	03.16.18
84	1261400.00	2071600.00	712.54	711.65	-0.89	715.21	08.24.17	08.28.17	03.16.18
85	1261400.00	2071700.00	707.03	706.50	-0.53	712.61	08.21.17	08.11.17	03.16.18
86	1261400.00	2071800.00	709.92	709.40	-0.52	712.92	08.01.17	08.11.17	03.16.18
87	1261400.00	2071900.00	712.01	711.45	-0.56	715.82	08.01.17	08.11.17	03.16.18
88	1261400.00	2072000.00	721.07	719.48	-1.59	720.01	07.21.17	07.25.17	03.16.18
89	1261400.00	2072100.00	730.79	730.21	-0.58	729.03	07.06.17	07.06.17	03.16.18
90	1261400.00	2072125.00	734.56	733.60	-0.96	732.41	07.06.17	07.06.17	03.16.18
91	1261300.00	2071420.00	743.20	742.10	-1.10	730.04	08.02.17	08.09.17	03.16.18
92	1261300.00	2071100.00	720.86	719.68	-1.18	725.66	08.02.17	08.09.17	03.16.18
93	1261300.00	2071200.00	715.25	691.20	-24.05	726.72	08.02.17	08.09.17	03.16.18
94	1261300.00	2071300.00	694.29	693.74	-0.55	703.10	08.21.17	08.24.17	03.16.18
95	1261300.00	2071400.00	720.80	720.25	-0.55	721.35	08.02.17	08.09.17	03.16.18
96	1261300.00	2071500.00	729.91	729.36	-0.55	730.46	08.02.17	08.09.17	03.16.18
97	1261300.00	2071600.00	729.27	72					



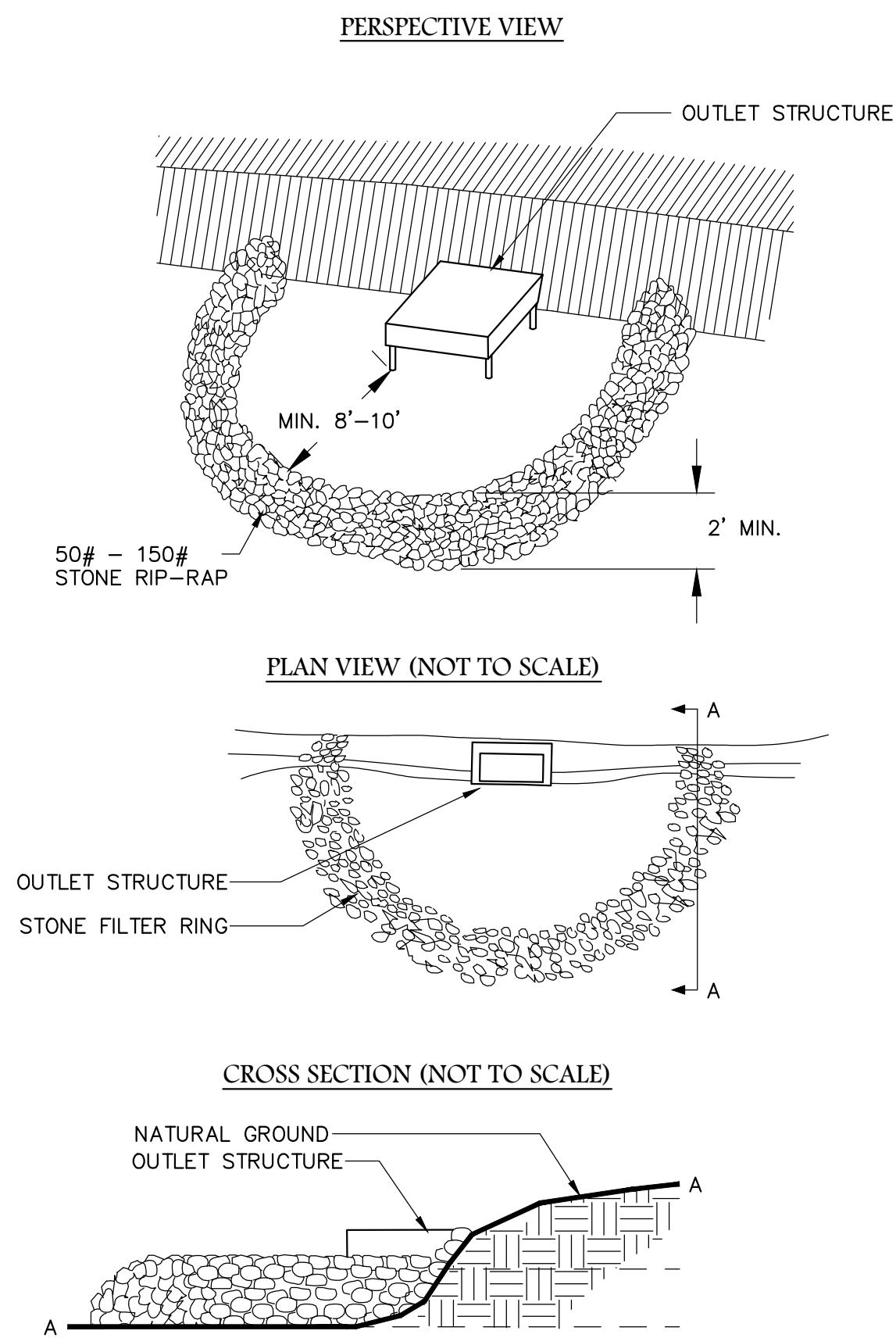
P:\Industry\04-04-Southern Company\107-Plant Yates CCR Permitting\107-AP1-006 (PROPOSED GRADING) dwg 10/21/21 BETH HEADROCK

NOTES:

1. EXISTING PLANT YATES AERIAL TOPOGRAPHY DECEMBER 2020 PROVIDED BY SOUTHERN COMPANY.
2. POTENTIOMETRIC COTINGOURS FROM 2020 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT BY ARCADIS, DATED SEPTEMBER 2020.

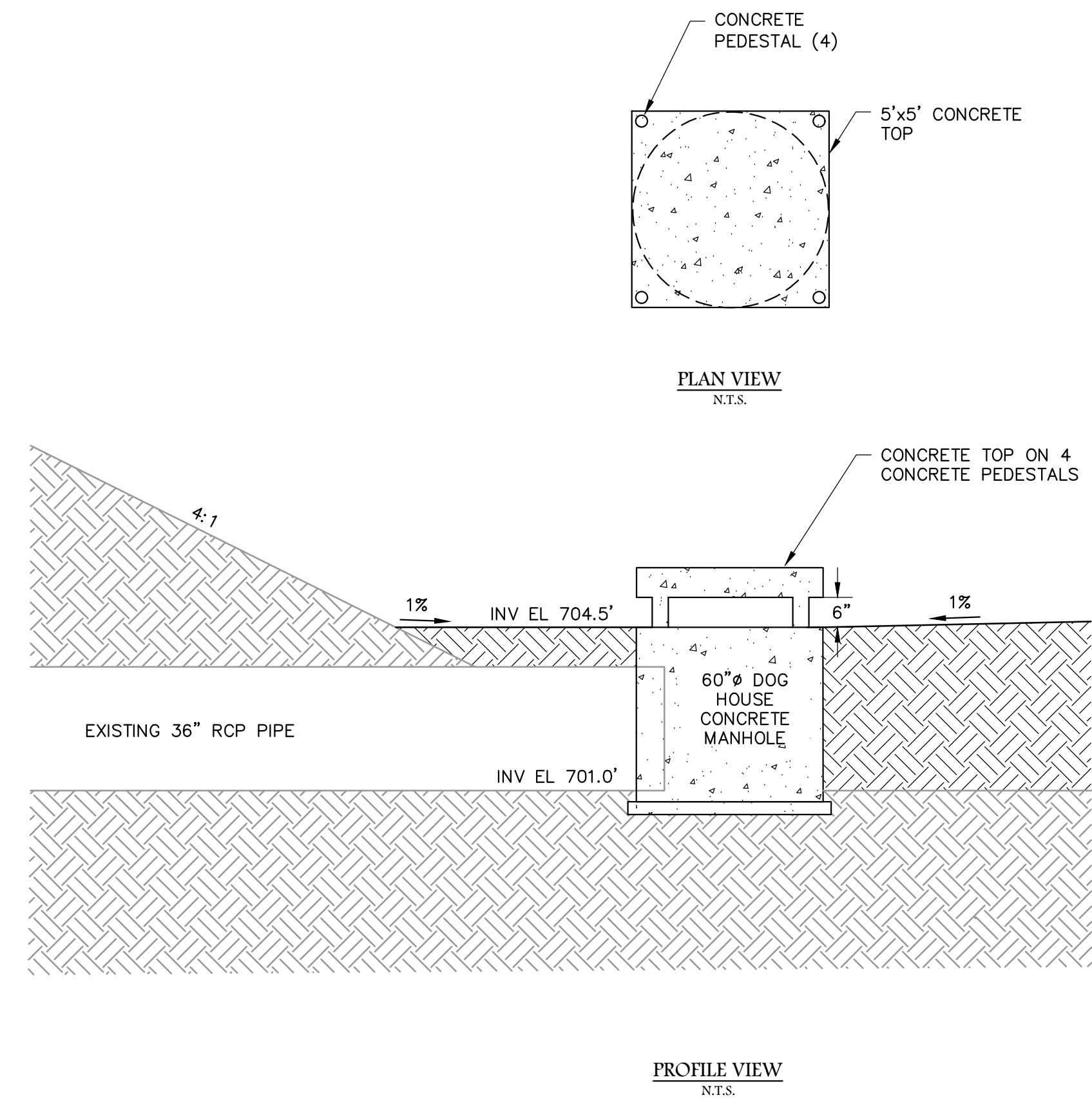


PROPOSED GRADING PLAN			
CLOSURE DRAWINGS			
FOR			
GEORGIA POWER			
PLANT YATES			
INACTIVE CCR SURFACE IMPOUNDMENT - ASH POND 1			
COWETA COUNTY, GEORGIA			
Atlantic Coast Consulting, Inc. 770-594-5998 www.atcc.net		1150 Northmeadow Pky Suite 100 Roswell, GA 30076	
PROJ. NO.	I054-107-AP1	DWG.	EDIT
SCALE	1" = 100'	09/30/2021	
SEPTEMBER 2021		SHEET 6 OF 7	



STONE FILTER RING
N.T.S.

Fr



OUTFALL STRUCTURE RETROFIT
N.T.S.



MISCELLANEOUS DETAILS				
CLOSURE DRAWINGS				
FOR				
GEORGIA POWER				
PLANT YATES				
INACTIVE CCR SURFACE IMPOUNDMENT - ASH POND 1				
COWETA COUNTY, GEORGIA				
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PROJ. NO.	I054-107-AP1	DWG.	EDIT	09/30/2021
SCALE	SEPTEMBER 2021	SHEET 7 OF 7		