

# CCR CLOSURE PERMIT DRAWINGS

## FOR

# GEORGIA POWER

# PLANT SCHERER ASH POND-1

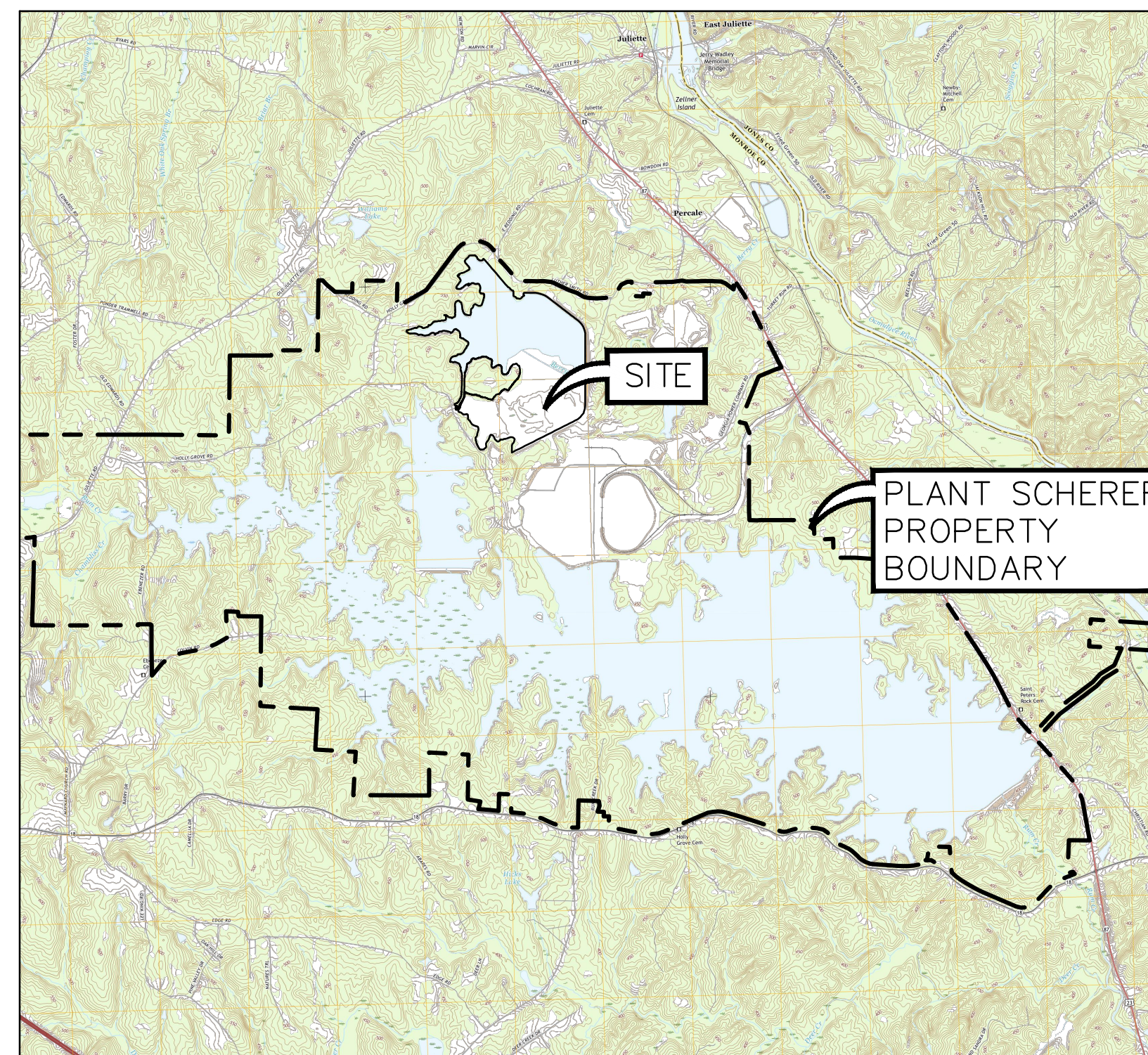
MONROE COUNTY, GEORGIA  
SEPTEMBER 2022

### OWNER/OPERATOR

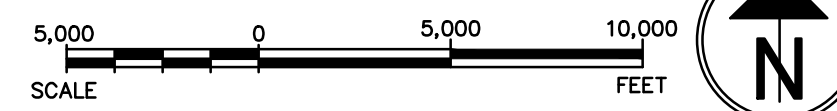
GEORGIA POWER COMPANY  
241 RALPH MCGILL BOULEVARD  
ATLANTA, GEORGIA 30308

### RESPONSIBLE OFFICIAL

ROBERT W. SCHERER ELECTRIC GENERATING PLANT  
10986 GEORGIA HIGHWAY 87  
JULIETTE, GEORGIA 31046



PROJECT SITE LOCATION



### REVISION HISTORY

DATE	SHEETS	REQUESTED BY
10/05/2021	ALL	GPC/EPD
04/22/2022	ALL	GPC/EPD
09/02/2022	ALL	GPC/EPD

## AECOM

5438 WADE PARK BOULEVARD, SUITE 200  
RALEIGH, NC 27607  
(919) 461-1100



PERMIT DRAWING - NOT FOR CONSTRUCTION



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PBS/LD-2 OF 3	PROPERTY BOUNDARY SURVEY (2 OF 3)
PBS/LD-3 OF 3	PROPERTY BOUNDARY SURVEY (3 OF 3)
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8	NORTH AREA EXCAVATION SECTIONS
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**LEGEND (PLAN VIEW)**

PROPOSED	EXISTING	DESCRIPTION
630	630	MAJOR CONTOUR INTERVAL
629	629	MINOR CONTOUR INTERVAL
N/A		SITE VEGETATION BOUNDARY
N/A	X X X	FENCE
N/A	OE OE OE	OVERHEAD ELECTRIC LINE
N/A	UE UE UE	UNDERGROUND ELECTRIC LINE
N/A	●	UTILITY POLE
N/A		PIPES/CULVERTS
LOD LOD	N/A	LIMITS OF DISTURBANCE
N/A		EDGE OF WATER
WTL WTL	N/A	EROSION CONTROL WATTLE/SILT SOCK
		TURBIDITY CURTAINS/BOOM
	N/A	GRADING/DRAINAGE FLOW PATH
	☁ ☀	TREE
		ROADWAY EXTENTS (UNPAVED)
		ROADWAY EXTENTS (PAVED)
	N/A	RIP RAP
		BUILDINGS, STRUCTURES
	OE OE OE	TRANSMISSION TOWER
		RAIL ROAD TRACKS
		GUARDRAIL
	N/A	GEOMEMBRANE LINER EXTENTS
FM FM	FM FM	FORCE MAIN
SF SF	SF SF	SILT FENCE
GAS GAS	GAS GAS	GAS LINE
N/A		PROPERTY LINE
N/A		WETLANDS
N/A		100-YEAR FLOODPLAIN LIMITS
N/A		PERMIT BOUNDARY SURVEY LIMITS
N/A		PLANT OPERATIONS BOUNDARY
N/A		ASH POND LIMITS
N/A		DEWATERING LINE

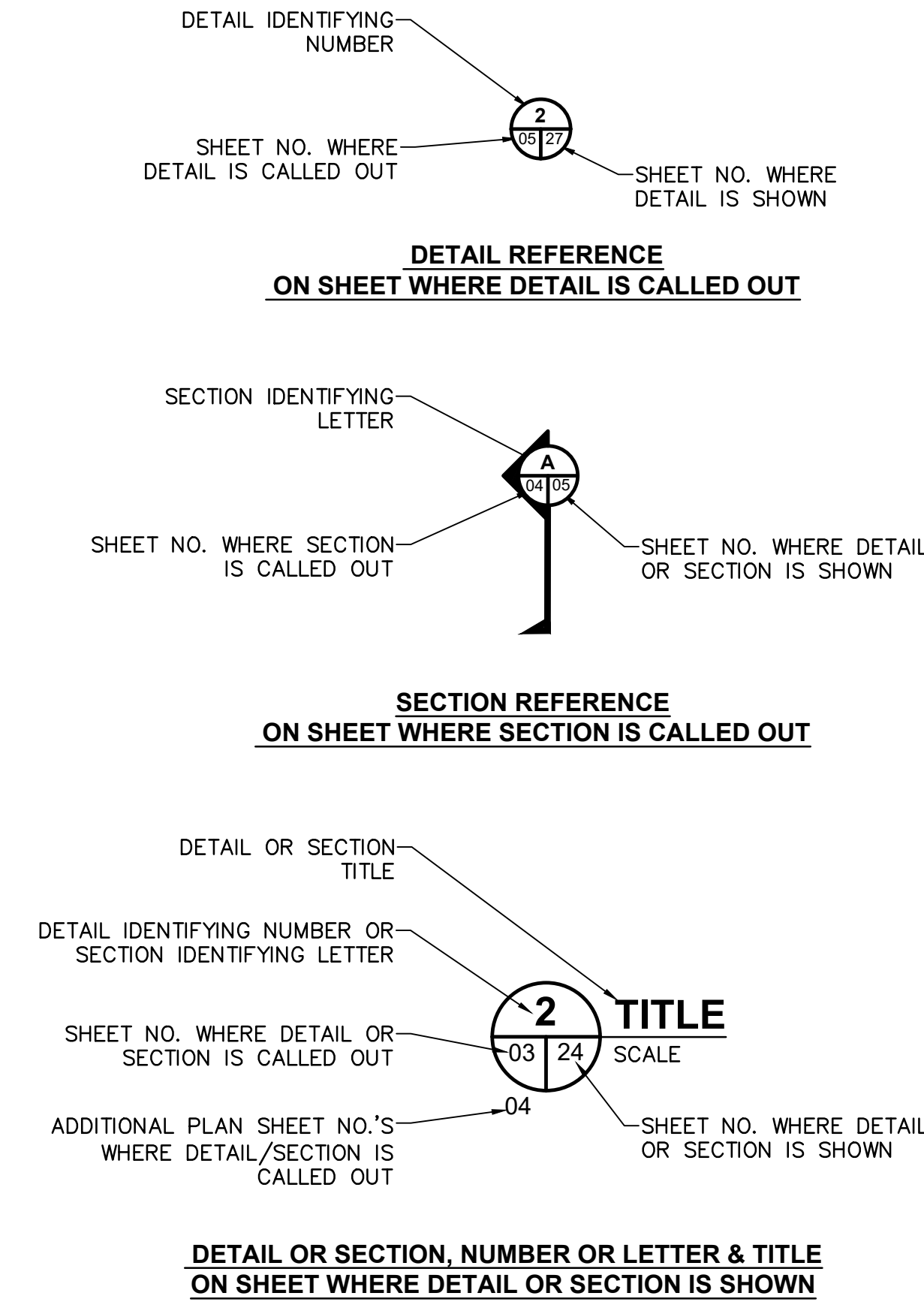
**LEGEND (SECTION/PROFILE VIEW)**

PROPOSED	EXISTING	DESCRIPTION
		EXISTING OR FINISHED GRADE
		WATER LINE
	N/A	CUT
	N/A	FILL
	N/A	RIPRAP
	N/A	NO. 1, 2, 57, 7, OR 8 STONE
	N/A	CONCRETE
		WATER LEVEL

**BORING/SURVEY SYMBOLS**

PROPOSED	EXISTING	DESCRIPTION
N/A	⊕ SGWC-XX	CCR MONITORING WELL

**DETAILING & SECTION IDENTIFICATION NOMENCLATURE**

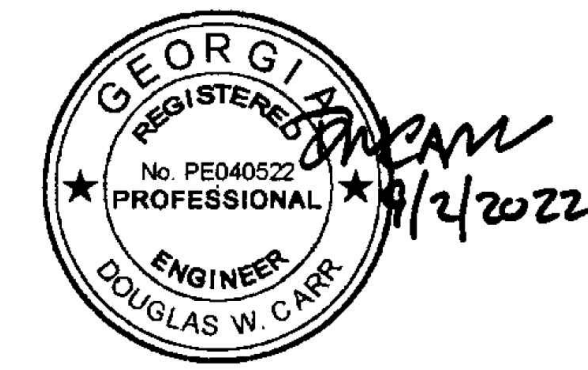


THE NORTH ARROWS IN THIS PLAN SET ARE IN REFERENCE TO THE GEORGIA STATE PLANE COORDINATE SYSTEM (NAD83).

**NORTH ARROW**

**ABBREVIATIONS**

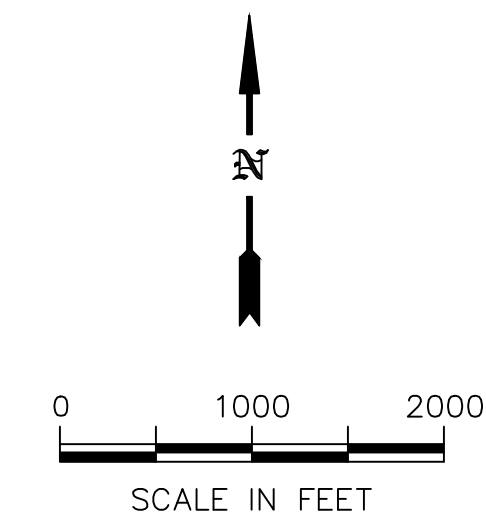
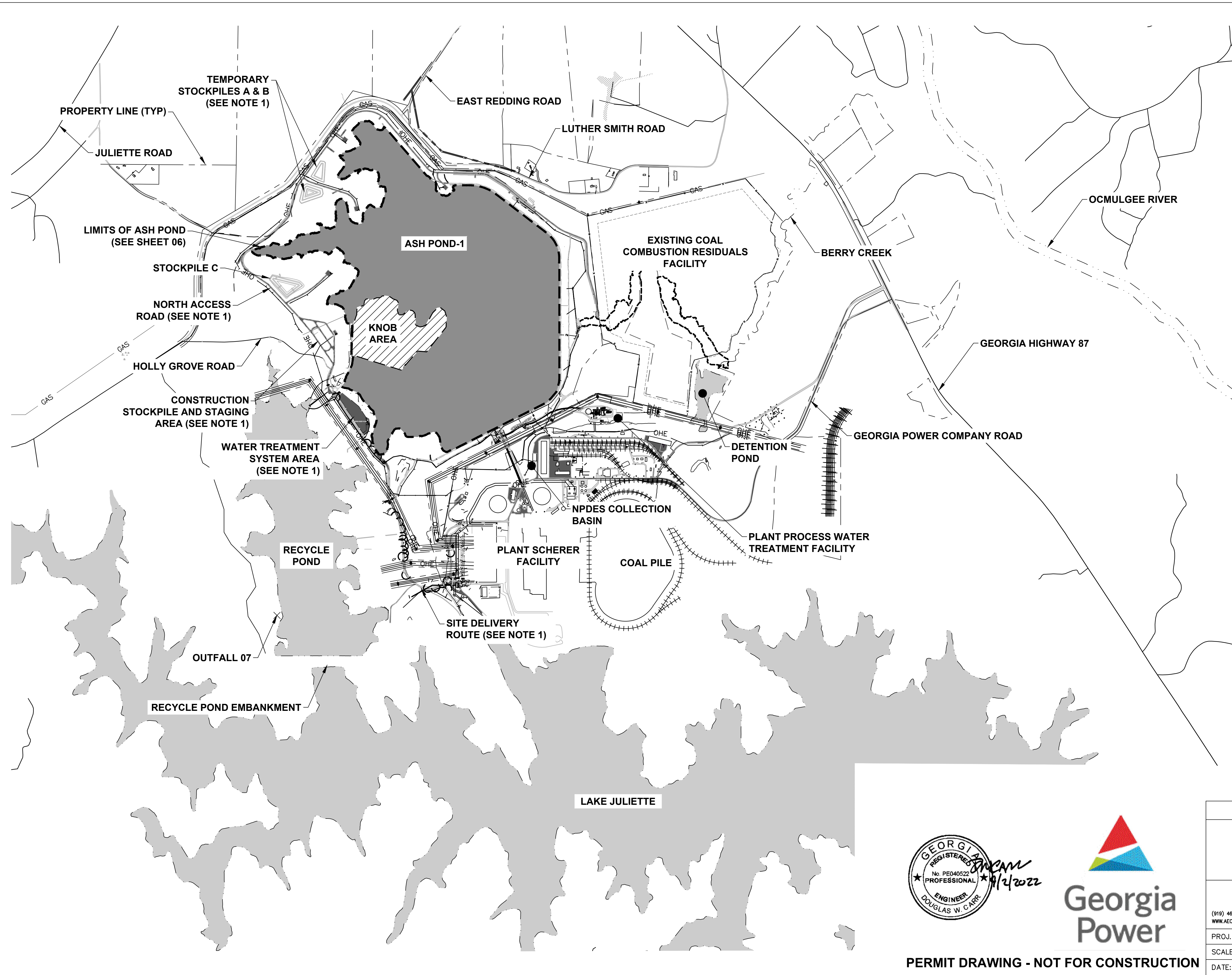
CURTAILMENT / ACRONYM	DESCRIPTION
⊕	AT
AC	ACRE
CBMPP	CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN
CCR	COAL COMBUSTION RESIDUALS
CONC	CONCRETE
DIA	DIAMETER
DIPS	DUCTILE IRON PIPE SIZE
DR	DIMENSION RATIO
ECM	EROSION CONTROL MAT
EL, ELEV	ELEVATION
EQ	EQUALIZATION
ETC	ENGINEERED TURF COVER
EX	EXISTING
GDOT	GEORGIA DEPARTMENT OF TRANSPORTATION
HDPE	HIGH DENSITY POLYETHYLENE
HORIZ, H	HORIZONTAL
ID	INNER DIAMETER
INV	INVERT
LF	LINEAL FEET
LLDPE	LINEAR LOW DENSITY POLYETHYLENE
MAX	MAXIMUM
MIN	MINIMUM
NDPES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
NPWL	NORMAL POND WATER LEVEL
NO.	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTER DIAMETER
OHWL	ORDINARY HIGH WATER LEVEL
OZ	OUNCES
PS-#	PUMP STATION NUMBER
STA	STATION OR STATIONING
SY	SQUARE YARDS
TRM	TURF REINFORCEMENT MATTING
TYP	TYPICAL
VERT, V	VERTICAL
WSE	WATER SURFACE ELEVATION
WTS	WATER TREATMENT SYSTEM



MASTER LEGEND & ABBREVIATIONS			
CCR CLOSURE FOR GEORGIA POWER PLANT SCHERER ASH POND-1 MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 1
SCALE: NONE	<b>SHEET 02 OF 34</b>		
DATE: 09/02/2022			

**PERMIT DRAWING - NOT FOR CONSTRUCTION**

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**LEGEND**

- ASH POND
- KNOB AREA (NO CCR)
- EXISTING WATER (BESIDES ASH POND)

**NOTES**

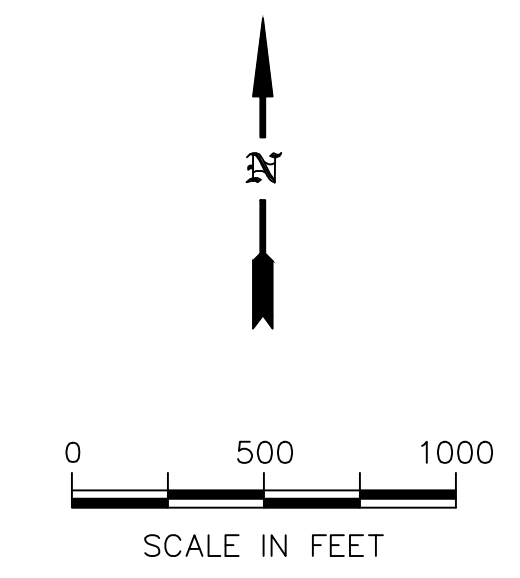
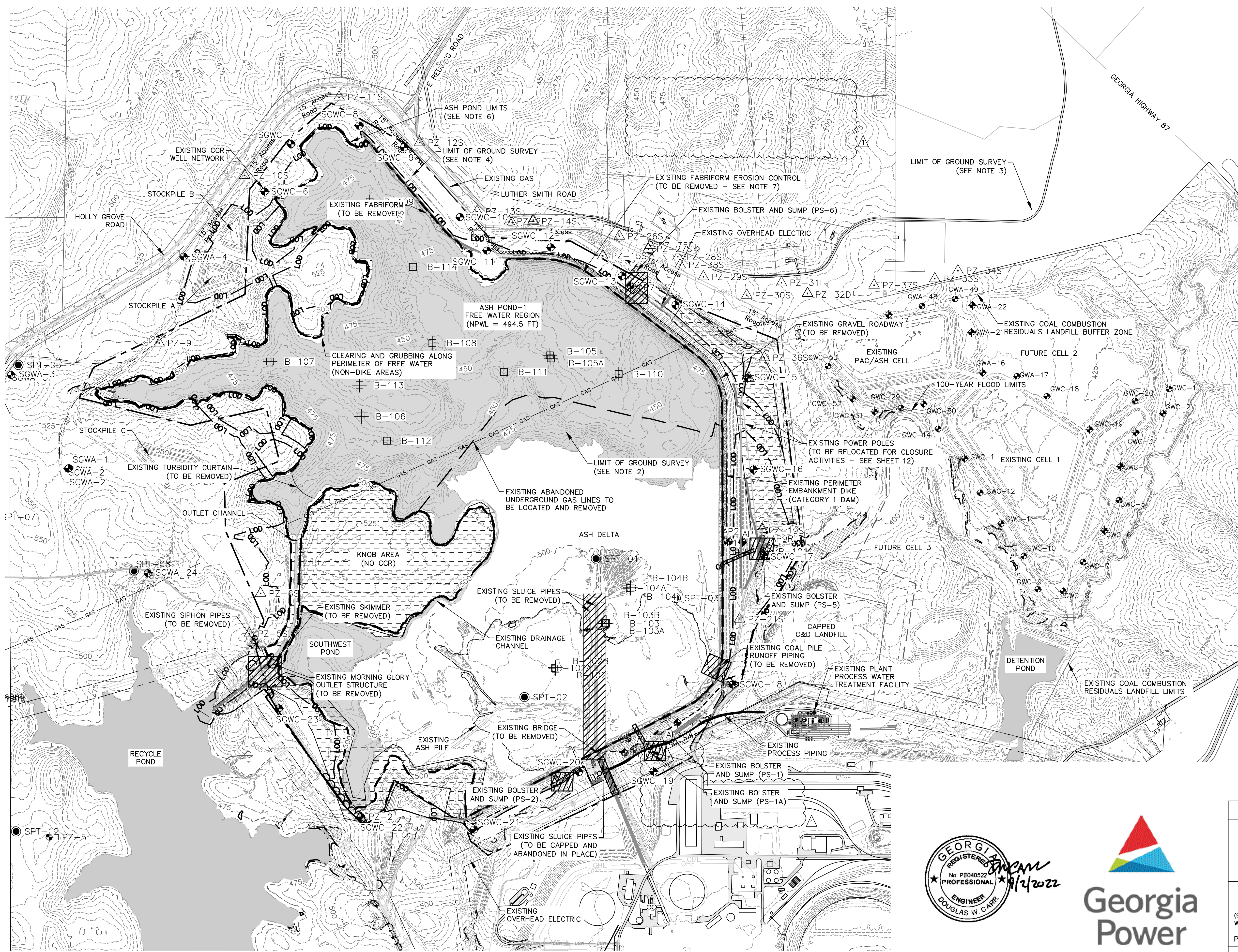
1. PROPOSED ASH POND CLOSURE CONSTRUCTION SUPPORT INFRASTRUCTURE ITEMS SUCH AS SITE DELIVERY ROUTE, CONSTRUCTION STOCKPILE AND STAGING AREA, WATER TREATMENT SYSTEM AREA, NORTH ACCESS ROAD, AND TEMPORARY CONSTRUCTION STOCKPILES OF IMPORTED MATERIALS (STOCKPILES A & B) WILL BE CONSTRUCTED OUTSIDE OF THE ASH POND FOOTPRINT.



OVERALL SITE PLAN			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 1
SCALE: 1"=1000'	SHEET 03 OF 34		
DATE: 09/02/2022			

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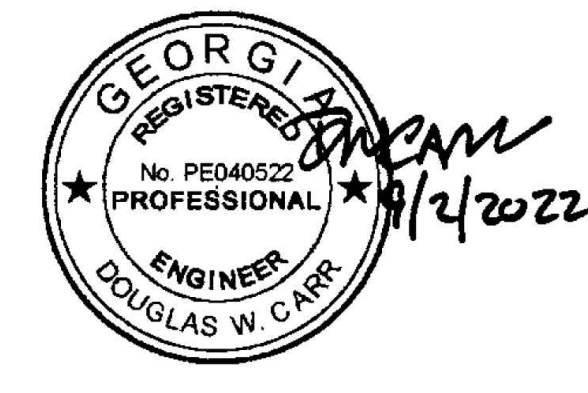


**LEGEND**

	DEMOLITION AREA
	ROADWAY REMOVAL AREA
	CLEARING AND GRUBBING AREA

- NOTES**
- BATHYMETRIC SURVEY PERFORMED BY LOWE ENGINEERING IN 2015.
  - SURVEY PERFORMED BY METRO ENGINEERING & SURVEYING CO., INC. DATED DECEMBER 7, 2015. AERIAL SURVEY DATE OF PHOTOGRAPHY OCTOBER 31, 2015.
  - CCR LANDFILL AREA AERIAL SURVEY BY METRO ENGINEERING & SURVEYING CO., INC DATED JULY 6, 2007. AERIAL SURVEY DATE OF PHOTOGRAPHY JANUARY 9, 2005 AND MARCH 19, 2007.
  - SURVEY PERFORMED BY GEORGIA POWER COMPANY LAND DEPARTMENT, DATED JULY AND AUGUST 2019.
  - THE LIMITS OF THE ASH POND ARE BASED ON HISTORICAL LIMITS AND THE RESULTS OF EXPLORATORY PROGRAMS COMPLETED BY AECOM AND OTHERS. THE LIMITS ARE APPROXIMATE AND ARE TO BE CONFIRMED AND MODIFIED AS REQUIRED DURING CONSTRUCTION.
  - THE ESTIMATED LIMITS OF ASH ARE BASED UPON THE LIMITS OF THE ASH POND PERIMETER ELEVATION OF 498.5 FEET. THIS ELEVATION IS BASED UPON THE PEAK CREST ELEVATION OF THE PERIMETER EMBANKMENT AND EMERGENCY SPILLWAY CHANNEL.
  - FABRIFORM TO BE DEMOLISHED TO 1 FOOT BELOW PROPOSED CLOSURE SYSTEM SUBGRADE.
  - FABRIFORM REMOVAL SHALL NOT BEGIN UNTIL AFTER DEWATERING ACTIVITIES ARE COMPLETE.
  - PIPING REMOVED TO BE SALVAGED AND STORED PER PLANT DIRECTION.
  - MORNING GLORY SPILLWAY OUTLET DEMOLITION SHALL NOT BEGIN UNTIL AFTER DEWATERING IS COMPLETE. SEE SHEET 17.
  - ALL EXISTING PIEZOMETERS OR MONITORING WELLS THAT CONFLICT WITH PROPOSED CLOSURE ACTIVITIES SHALL BE REMOVED AND ABANDONED IN ACCORDANCE WITH GEORGIA EPD GUIDELINES AND REQUIREMENTS.

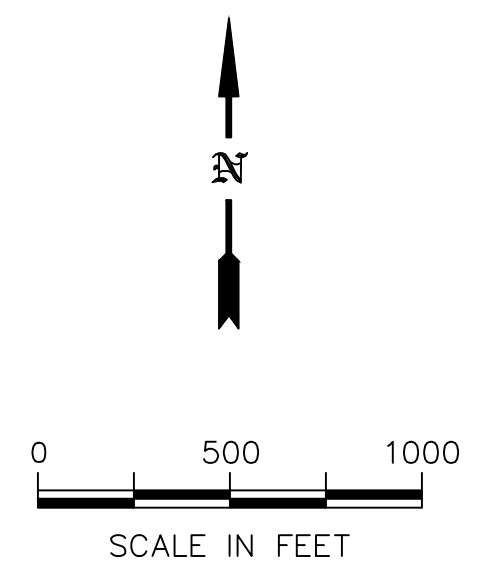
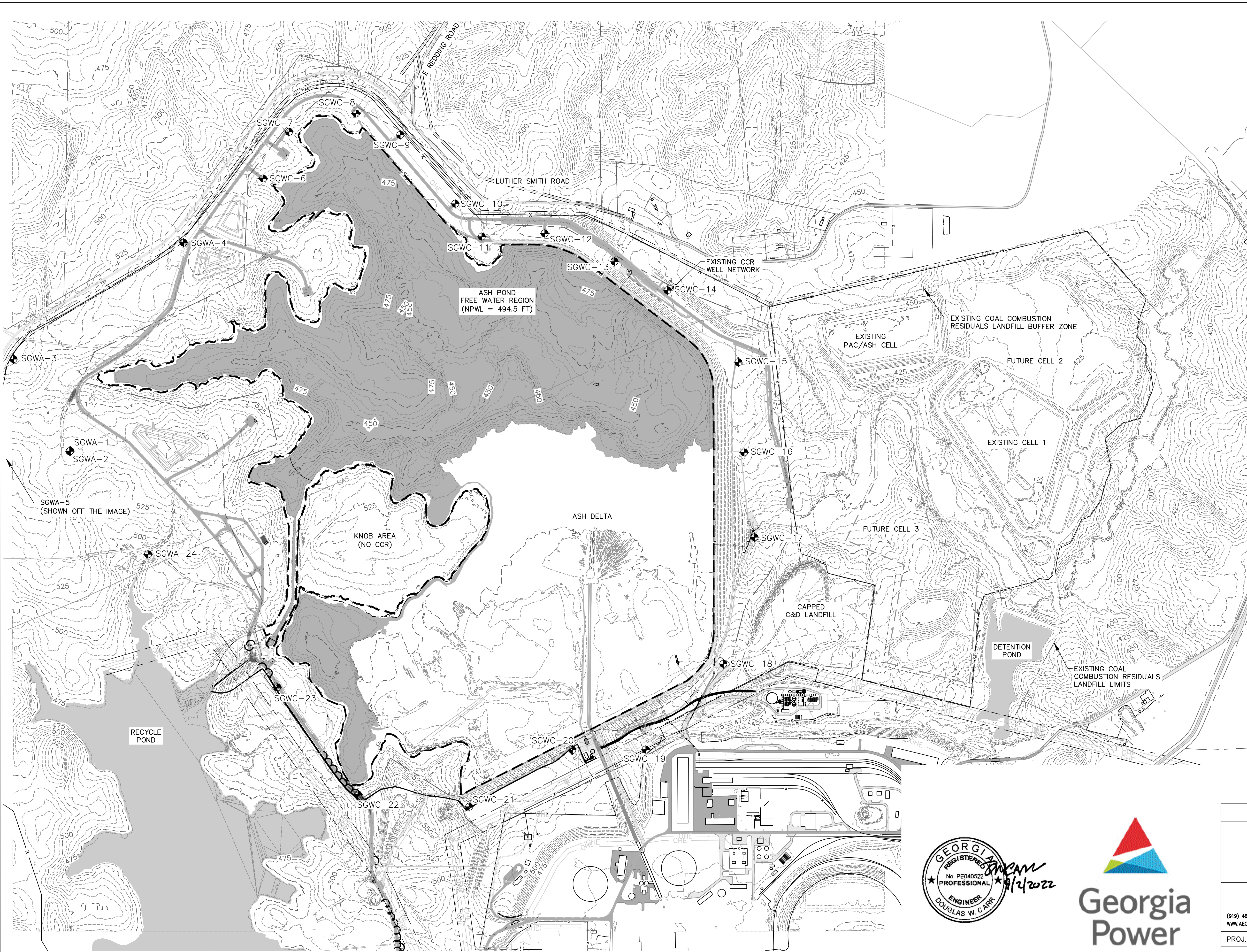
△ REV. 1 - ADDED EXISTING CONTOUR LABELS. ADDED LABEL FOR BOLSTER AND SUMP PS-1A.



EXISTING CONDITIONS PLAN			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM	PROJ. NO.: 60563110	DWG. XXX-X-XX	EDIT MM/DD/YY
SCALE: 1"=500'		SHEET 04 OF 34	
DATE: 09/02/2022			

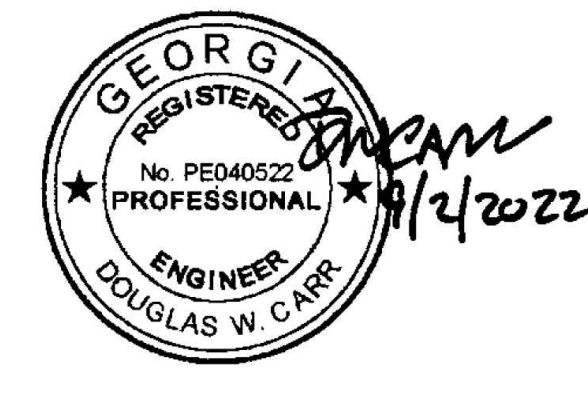
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L:\DCS\Projects\ENV\60563110\_SocSchere\900\_CAD\_OIS\7.0 ACAD Drawings\Sheets\4 - 100% Permit Package\63110\_05 Groundwater & Surface Water Monitoring Locations.dwg User:Nathan.Owen Sep 02, 2022 - 10:52am



**LEGEND**

◆ GROUNDWATER MONITORING WELL & EXISTING CCR WELL NETWORK



**PERMIT DRAWING - NOT FOR CONSTRUCTION**

GROUNDWATER MONITORING LOCATIONS			
CCR CLOSURE FOR GEORGIA POWER PLANT SCHERER ASH POND-1 MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM	PROJ. NO.: 60563110	DWG. NA	EDIT REVISION 1
SCALE: 1"=500'	SHEET 05 OF 34		
DATE: 09/02/2022			

**SURVEYOR'S CERTIFICATION**  
 This plat is a retracement of an existing parcel or parcels of land and does not subdivide or create a new parcel or make any changes to any real property boundaries. The recording information of the documents, maps, plats, or other instruments which created the parcel or parcels are stated herein. RECORDED INFORMATION DOES NOT CONSTITUTE APPROVAL OF ANY LOCAL JURISDICTION. AVAILABILITY OF PERMITS, COMPLIANCE WITH LOCAL REGULATIONS OR REQUIREMENTS, OR SUITABILITY FOR ANY USE OR PURPOSE OF THE LAND. Furthermore, the undersigned land surveyor certifies that this plat complies with the minimum technical standards for property surveys in Georgia as set forth in the rules and regulations of the Georgia Board of Registration for Professional Engineers and Land Surveyors and as set forth in O.C.G.A. Sections 47-5-67.

*Hollie S. Hall*  
 Hollie S. Hall, GA RLS 3368

CONTROL	STATE PLANE
CP 47 E.L.: 504.24	N 1120298.526 E 2406705.749
CP 88 E.L.: 496.28	N 1117622.072 E 2401642.974

**COORDINATE SYSTEM INFORMATION TABLE**

**COORDINATE SYSTEM BASED ON STATE PLANE WEST**

AVERAGE ELEVATION: 500.25'  
 STATE PLANE AVE. SCALE FACTOR: 0.99991327  
 COMPUTED ELEVATION FACTOR: 0.99997607  
 CONVERGENCE 00'11"30"  
 GA WEST NAD83(2011) ZONE, NAVD (88)  
 CONTROL INFORMATION ESTABLISHED WITH NAVD  
 TRIUMPH-L3 DUAL-FREQUENCY GPS RECEIVER  
 REFERENCE: 40PS VIRTUAL BASE STATION DATA.

**FOR CLERK'S OFFICE USE**

1. DENOTES PAINTED TREES OR FENCE NEAR PROPERTY LINE. LETTER IN CODE BELOW, NUMBER IS FEET FROM LINE, AND ARROW IS DIRECTION FROM LINE THAT EVIDENCE WAS FOUND.

TP: STEEL TEE POST  
 B: BLUE PAINT  
 Y: YELLOW PAINT  
 R: RED PAINT

W: WHITE PAINT  
 CL: CHAIN LINK  
 BW: BARBED WIRE  
 HW: HOG WIRE

098 001  
 GEORGIA POWER COMPANY, ET AL  
 D.B. 99, p. 66  
 GPC DRAWING NO. N-84-28  
 GPC DRAWING NO. M-154-3

N-1121892.33  
 E-2399858.48  
 1.5" SOLID ROD  
 APPROXIMATE LAND LOT CORNER

N-1120906.50  
 E-2399836.11  
 1" O.T.P.

N-1120304.84  
 E-2400169.07

N-1119267.20  
 E-2399797.38  
 APPROXIMATE LAND LOT CORNER

N-1118574.91  
 E-2401565.61

N-1118256.79  
 E-2406664.14

N-1118382.79  
 E-2408513.58  
 1" O.T.P.

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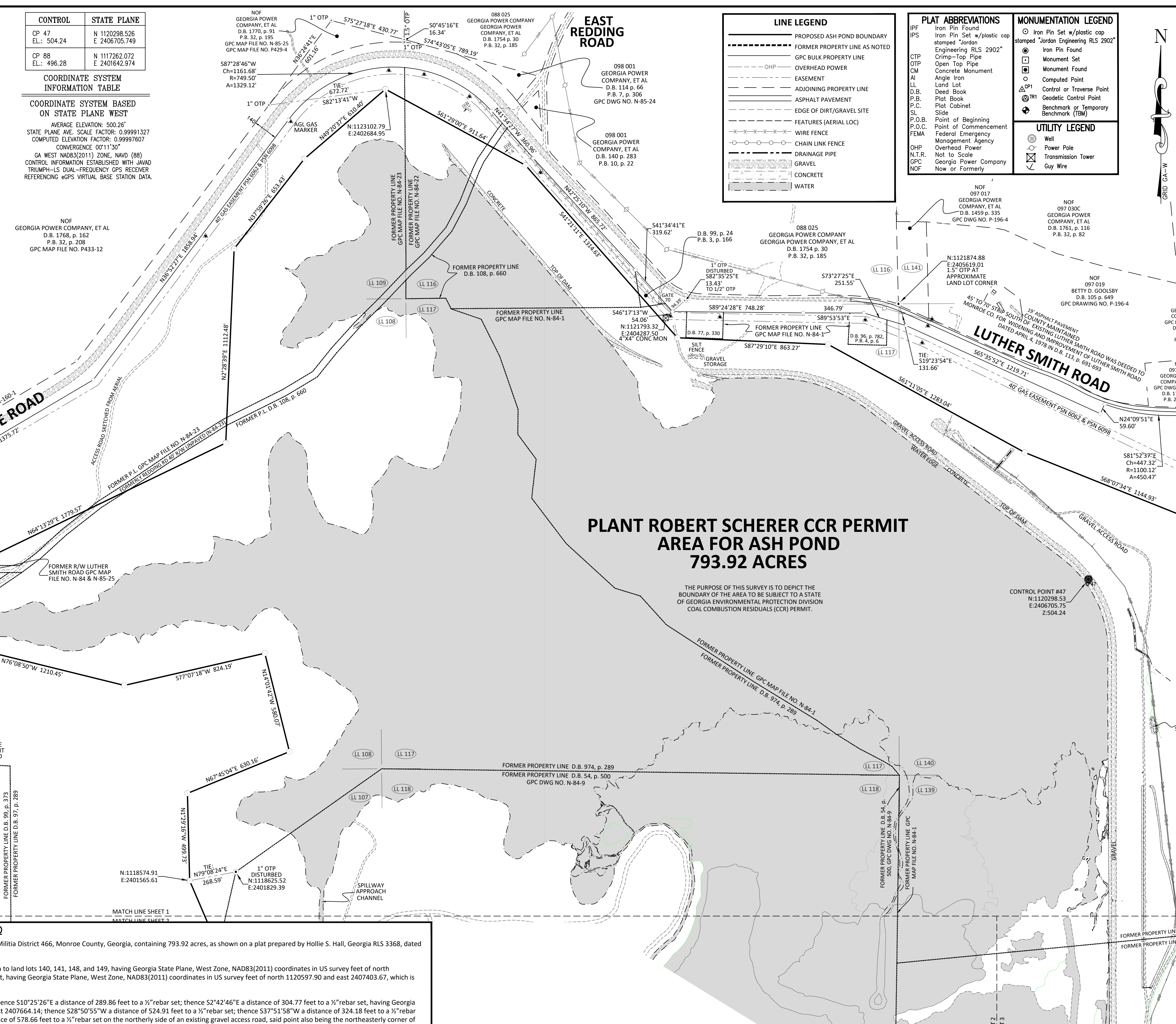
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 E-2408513.58  
 1" O.T.P.



**LEGAL DESCRIPTION - PROPOSED CCR PERMIT BOUNDARY FOR ASH POND**

All that parcel lying and being in Land Lots 106 - 109, 116 - 119, 138 and 139, District 5, Georgia Militia District 466, Monroe County, Georgia, containing 793.92 acres, as shown on a plat prepared by Hollie S. Hall, Georgia RLS 3368, dated September 17, 2018, and being more particularly described as follows:

From the POINT OF COMMENCEMENT, which is a 2" open top pipe at the land lot corner common to land lots 140, 141, 148, and 149, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1121854.84 and east 2408553.06, travel S42°26'28"W a distance of 1703.23 feet to a 1/2" rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1120597.90 and east 2407403.67, which is the POINT OF BEGINNING.

From the POINT OF BEGINNING, travel S6°41'09"E a distance of 1662.91 feet to a 1/2" rebar set; then S10°25'26"E a distance of 289.86 feet to a 1/2" rebar set; then S2°42'46"E a distance of 304.77 feet to a 1/2" rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1118356.79 and east 2407664.14; then S28°50'55"W a distance of 524.91 feet to a 1/2" rebar set; then S37°51'58"W a distance of 324.18 feet to a 1/2" rebar set; then S23°56'46"W a distance of 145.30 feet to a 1/2" rebar set; then S14°07'03"W a distance of 578.66 feet to a 1/2" rebar set on the northerly side of an existing gravel access road; said point also being the northeastern corner of the Plant Operation limits having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1116949.26 and east 2407007.18; then following northerly and northerly side of said gravel road the following courses: S50°14'16"W a distance of 184.54 feet to a point; then S36°10'12"W a distance of 190.85 feet to a point; then S25°51'46"W a distance of 176.80 feet to a point; then S47°32'52"W a distance of 181.62 feet to a point; then S26°59'21"W a distance of 125.47 feet to a point; then S10°39'17"E a distance of 108.84 feet to a 1/2" rebar set at the southeast corner of said Plant Operations limits, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1116176.71 and east 2406504.74; then leaving said gravel access road and along the southeasterly line of the Plant Operations limits the following courses: S60°55'28"W a distance of 106.23 feet to a point; then S62°20'08"W a distance of 152.61 feet to a point; then S62°12'23"W a distance of 246.20 feet to a point; then S66°30'38"W a distance of 322.90 feet to a point; then S64°28'57"W a distance of 358.68 feet to a point; then S64°57'28"W a distance of 890.29 feet to a point; then S63°34'07"W a distance of 320.67 feet to a 1/2" rebar set at the southwest corner of the Plant Operations limits, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1115136.63 and east 2404345.36; then travel N50°43'59"W a distance of 242.22 feet to a 1/2" rebar set; then N17°43'21"W a distance of 245.88 feet to a 1/2" rebar set on the northerly side of an existing gravel access road, said point being the northwest corner of said Plant Operations limits, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1115524.16 and east 2404082.98; then following the northerly side of said gravel road travel N82°02'44"W a distance of 115.45 feet to a 1/2" rebar set; then S17°16'53"W a distance of 314.52 feet to a 1/2" rebar set; then N57°51'38"W a distance of 418.18 feet to a point; then S23°44'05"W a distance of 146.25 feet to a 1/2" rebar set; then S17°11'19"W a distance of 192.72 feet to a 1/2" rebar set; then S59°34'23"W a distance of 271.61 feet to a 1/2" rebar set; then N43°16'22"W a distance of 211.18 feet to a 1/2" rebar set on the southwest side of an existing gravel access road; then travel N36°11'37"W a distance of 1467.62 feet to a 1/2" rebar set; then N53°28'38"E a distance of 84.74 feet to a 1/2" rebar set on the northeasterly side of an existing gravel access road; then following the northeasterly side of said gravel access road N35°08'27"W a distance of 127.67 feet to a 1/2" rebar set; then N14°48'05"W a distance of 367.56 feet to a 1/2" rebar set; then leaving said northeasterly side of said gravel access road travel N35°01'40"E a distance of 313.00 feet to a 1/2" rebar set; then N23°08'11"W a distance of 1030.10 feet to a 1/2" rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1118574.91 and east 2401565.61; then N1°29'16"W a distance of 499.73 feet to a 1/2" rebar set; then N67°45'04"E a distance of 60.16 feet to a 1/2" rebar set; then N14°01'42"W a distance of 580.07 feet to a 1/2" rebar set; then S77°07'18"W a distance of 824.19 feet to a 1/2" rebar set; then N76°08'50"W a distance of 1210.45 feet to a 1/2" rebar set; then N25°16'53"E a distance of 357.07 feet to a 1/2" rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1120304.84 and east 2400169.07; then travel N64°13'29"E a distance of 1779.57 feet to a 1/2" rebar set; then N2°28'39"E a distance of 1112.48 feet to a 1/2" rebar set; then N37°59'26"E a distance of 653.43 feet to a 1/2" rebar set; then N49°20'37"E a distance of 610.40 feet to a 1/2" rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1123102.79 and east 2402684.95; then travel S61°29'00"E a distance of 911.64 feet to a 1/2" rebar set; then S41°21'11"E a distance of 1314.63 feet to a 1/2" rebar set; then S87°29'10"E a distance of 863.27 feet to a 1/2" rebar set; then S61°11'05"E a distance of 1283.04 feet to a 1/2" rebar set; then S68°07'34"E a distance of 1144.93 to the POINT OF BEGINNING.

**SUBJECT PROPERTY INFORMATION**

TAX PARCEL: 098 001

CURRENT OWNER: GEORGIA POWER COMPANY, ET AL

DEED REFERENCES:  
 D.B. 58, p. 374  
 D.B. 114, p. 66  
 D.B. 108, p. 658  
 D.B. 108, p. 660  
 D.B. 924, p. 136  
 D.B. 77, p. 330  
 D.B. 98, p. 236  
 D.B. 97, p. 289  
 D.B. 88, p. 414  
 D.B. 60, p. 367

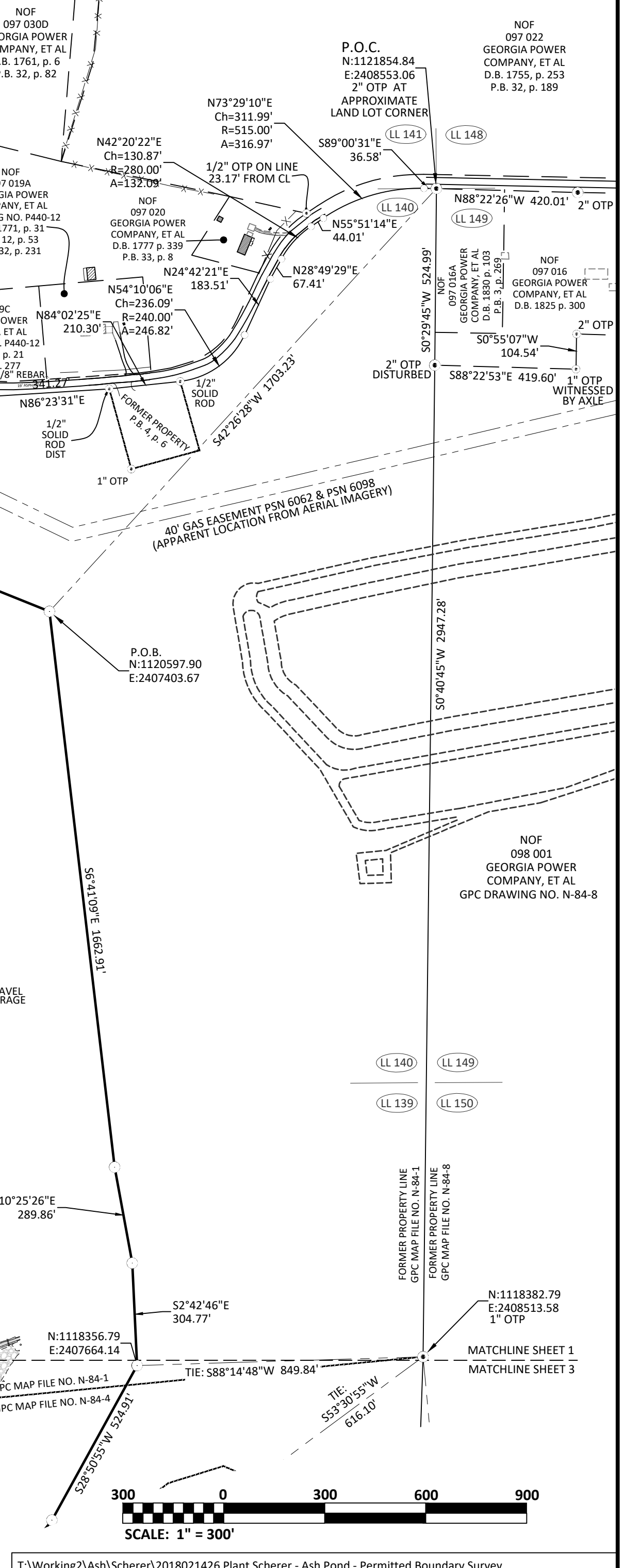
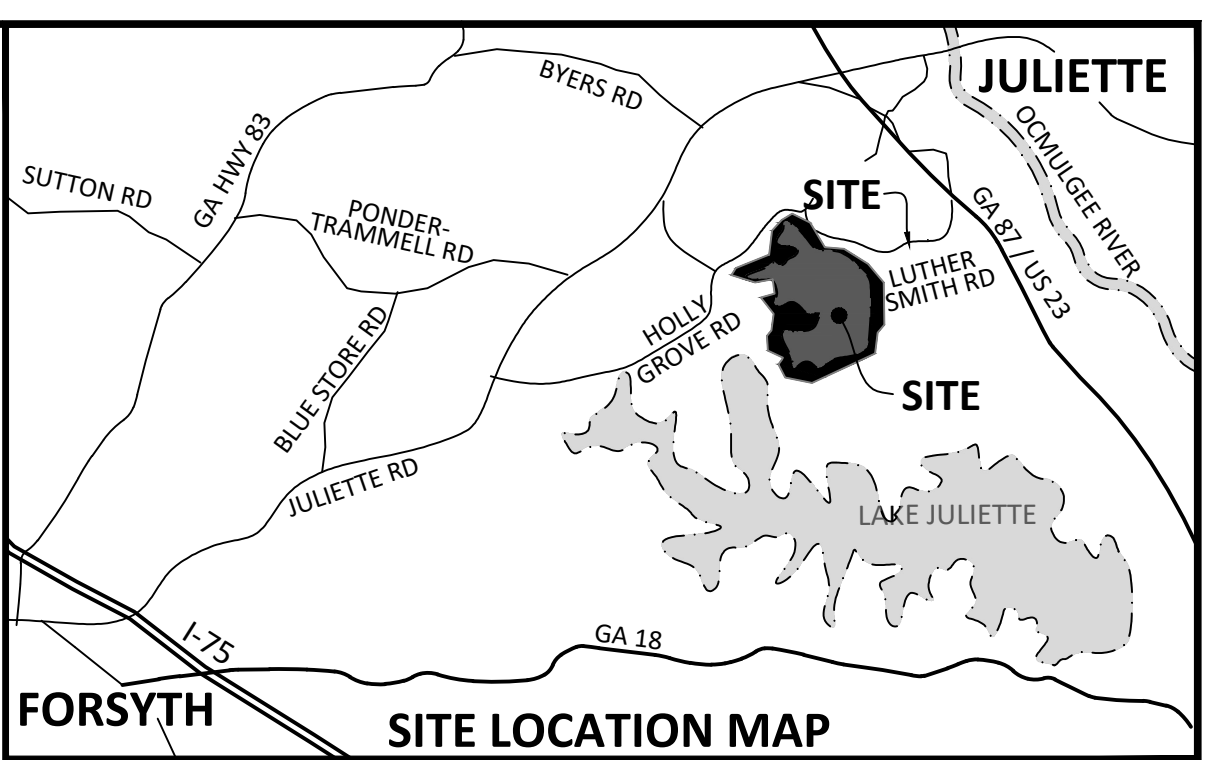
PLAT REFERENCES:  
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 GPC MAP FILE NO. N-84-23  
 GPC MAP FILE NO. N-85-24  
 P.B. 7, p. 306  
 GPC MAP FILE NO. N-85-25  
 P.B. 20, p. 220  
 GPC MAP FILE NO. N-84-1  
 P.B. 5, p. 271  
 GPC MAP FILE NO. N-84-8  
 P.B. 6, p. 14  
 GPC MAP FILE NO. N-85-9  
 P.B. 4, p. 6  
 P.B. 3, p. 166  
 GPC MAP FILE NO. N-84-4  
 P.B. 6, p. 32  
 GPC MAP FILE NO. N-84-9

**SURVEY CLOSURE STATEMENT**

FIELD DATA WAS COLLECTED USING A LEICA TS12 ROBOTIC TOTAL STATION AND A JAVAD TRIUMPH-L3 DUAL-FREQUENCY GPS RECEIVER REFERENCING THE 40PS STATEWIDE NETWORK AND HAVING A RELATIVE POSITIONAL ACCURACY OF 0.04 FEET.

THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE WITHIN 1 FOOT IN 1,506,429 FEET.

FIELD WORK WAS COMPLETED IN APRIL, 2018.



**Georgia Power Company**

**PROPERTY BOUNDARY SURVEY**  
**PLANT ROBERT SCHERER**  
**ASH POND - PROPOSED CCR PERMIT BOUNDARY**  
 LAND LOTS 106-109, 116-119, 138 & 139  
 5th DISTRICT, 466 G.M.D.  
 MONROE COUNTY, GEORGIA

DR. HSH TR. Checked ROJ/HSH  
 SCALE 1" = 300' DATE 09.17.2018  
 DRAWING NUMBER SHEET NUMBER  
 P469 SHEET 1 OF 3

APPROVALS: \_\_\_\_\_

REVISION BLOCK: \_\_\_\_\_

5/17/2021 Revision to legal description

**JORDAN ENGINEERING**  
 144 N. WARREN ST. MONTICELLO, GA 31064  
 (706) 458-8999 www.jordan-eng.com  
 Engineering • Surveying • Soils Classification

Corporate License No. LSF 000768



**SURVEYOR'S CERTIFICATION**  
 This plat is a representation of an existing parcel or parcels of land and does not subdivide or create a new parcel or make any changes to any real property boundaries. The recording information of the documents, maps, plats, or other instruments which created the parcel or parcels are stated herein. RECOGNITION OF THIS PLAT DOES NOT IMPLY APPROVAL OF ANY LOCAL JURISDICTION, AVAILABILITY OF PERMITS, COMPLIANCE WITH LOCAL REGULATIONS OR REQUIREMENTS, OR SUITABILITY FOR ANY USE OR PURPOSE OF THE LAND. Furthermore, the undersigned land surveyor certifies that this plat complies with the minimum technical standards for property surveys in Georgia as set forth in the rules and regulations of the Georgia Board of Registration for Professional Engineers and Land Surveyors and as set forth in D.C.G.A. Section 43-6-2.

*Hollie S. Hall*  
 Hollie S. Hall, GA RLS 3368

FOR CLERK'S OFFICE USE

CONTROL	STATE PLANE
CP 47 EL.: 504.24	N 1120298.526 E 2406705.749
CP 88 EL.: 496.28	N 1117262.072 E 2401642.974

**COORDINATE SYSTEM INFORMATION TABLE**

**COORDINATE SYSTEM ON STATE PLANE WEST**  
 AVERAGE ELEVATION: 500.26'  
 STATE PLANE AVE. SCALE FACTOR: 0.99991327  
 COMPUTED ELEVATION FACTOR: 0.99997607  
 CONVERGENCE: 00'11.30"  
 GA WEST NAD83(2011) ZONE, NAD (98)  
 CONTROL INFORMATION ESTABLISHED WITH JAVAD TRIUMPH-LS DUAL-FREQUENCY GPS RECEIVER  
 REFERENCING eGPS VIRTUAL BASE STATION DATA.

**SUBJECT PROPERTY INFORMATION**

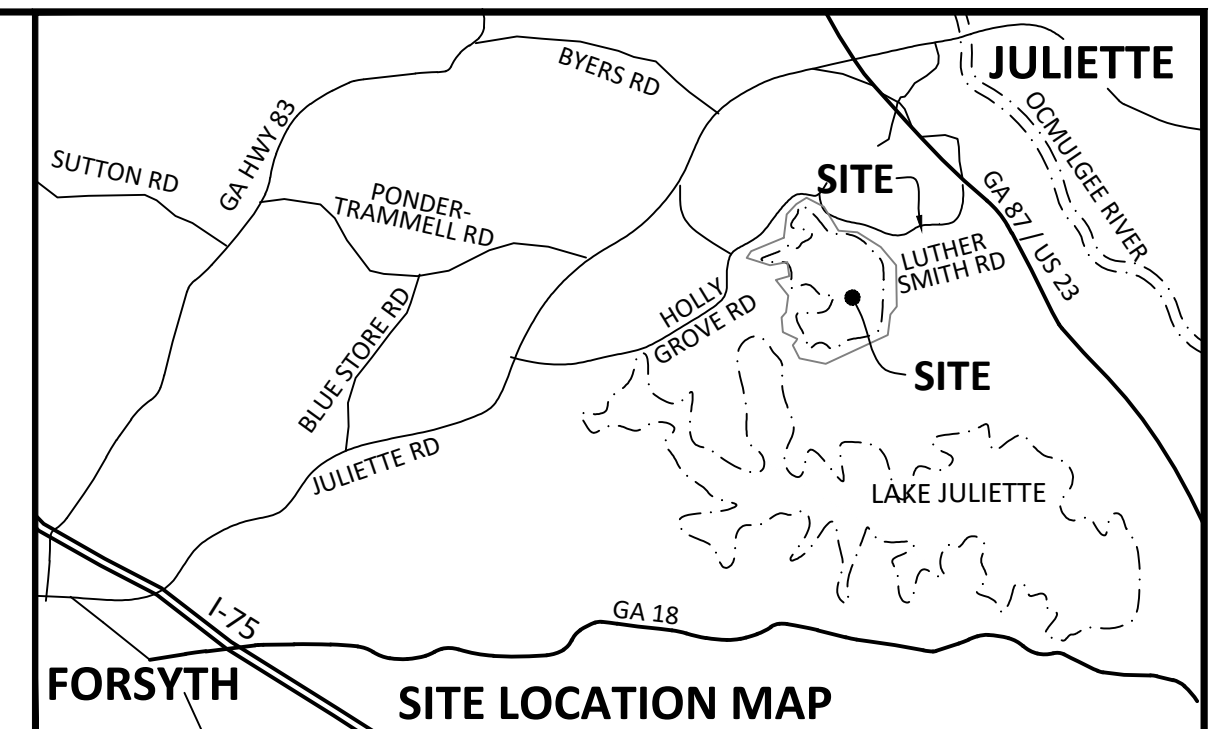
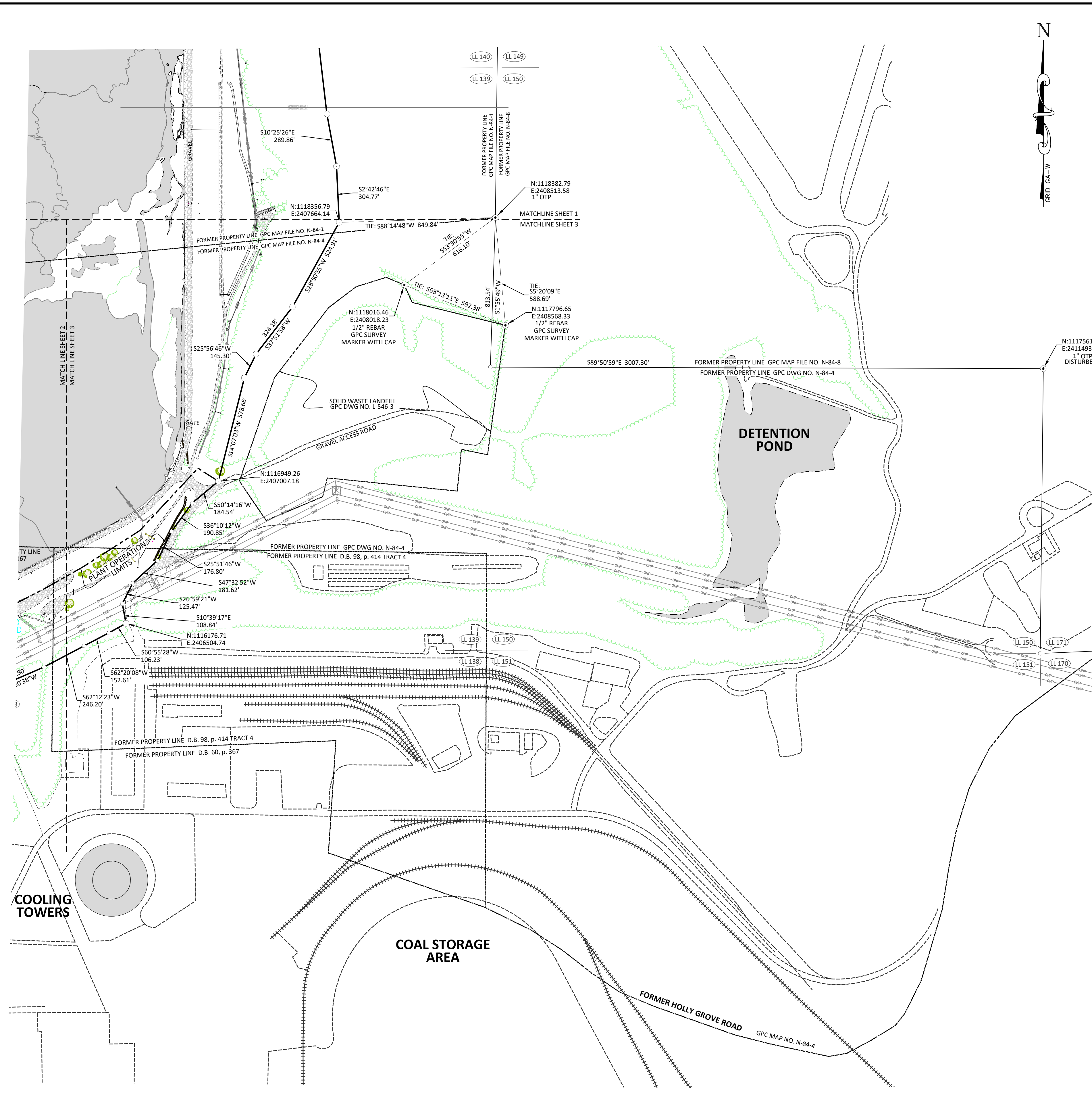
TAX PARCEL: 098 001  
 CURRENT OWNER: GEORGIA POWER COMPANY, ET AL  
 DEED REFERENCES:  
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 D.B. 108, p. 658  
 D.B. 108, p. 660  
 D.B. 924, p. 136  
 D.B. 77, p. 330  
 D.B. 96, p. 236  
 D.B. 97, p. 289  
 D.B. 98, p. 414  
 D.B. 60, p. 367  
 PLAT REFERENCES:  
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 GPC MAP FILE NO. N-84-23  
 GPC MAP FILE NO. N-85-24  
 P.B. 7, p. 306  
 GPC MAP FILE NO. N-85-25  
 P.B. 20, p. 220  
 GPC MAP FILE NO. N-84-1  
 P.B. 5, p. 271  
 GPC MAP FILE NO. N-84-8  
 P.B. 6, p. 34  
 GPC MAP FILE NO. N-85-9  
 P.B. 4, p. 6  
 P.B. 3, p. 166  
 GPC MAP FILE NO. N-84-4  
 P.B. 6, p. 32  
 GPC MAP FILE NO. N-84-9

**LEGAL DESCRIPTION - PROPOSED CCR PERMIT BOUNDARY FOR ASH POND**

All that parcel lying and being in Land Lots 106 - 109, 116 - 119, 138 and 139, District 5, Georgia Militia District 466, Monroe County, Georgia, containing 793.92 acres, as shown on a plat prepared by Hollie S. Hall, Georgia RLS 3368, dated September 17, 2018, and being more particularly described as follows:

From the POINT OF COMMENCEMENT, which is a 2" open top pipe at the land lot corner common to land lots 140, 141, 148, and 149, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1121854.84 and east 2408553.06, travel S42°26'28"W a distance of 1703.23 feet to a 1/2" rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1120597.90 and east 2407403.67, which is the POINT OF BEGINNING.

From the POINT OF BEGINNING, travel S6°41'09"E a distance of 1662.91 feet to a 1/2" rebar set; then S10°25'26"E a distance of 289.86 feet to a 1/2" rebar set; then S2°42'46"E a distance of 304.77 feet to a 1/2" rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1118356.79 and east 2407664.14; then S28°50'55"W a distance of 524.91 feet to a 1/2" rebar set; then S37°51'58"W a distance of 324.18 feet to a 1/2" rebar set; then S25°56'46"W a distance of 145.30 feet to a 1/2" rebar set; then S14°07'03"W a distance of 578.66 feet to a 1/2" rebar set on the northerly side of an existing gravel access road, said point also being the northeasterly corner of the Plant Operations limits having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1116949.26 and east 2407007.18; then following northerly and northwesterly side of said gravel road the following courses: S50°14'16"W a distance of 184.54 feet to a point; then S36°10'12"W a distance of 190.85 feet to a point; then S25°51'46"W a distance of 176.80 feet to a point; then S47°32'53"W a distance of 181.62 feet to a point; then S26°59'21"W a distance of 125.47 feet to a point; then S10°39'17"E a distance of 108.84 feet to a point; then S60°55'28"W a distance of 106.23 feet to a point; then S62°17'23"W a distance of 152.61 feet to a point; then S62°20'08"W a distance of 145.10 feet to a point; then S66°30'38"W a distance of 32.90 feet to a point; then S64°28'37"W a distance of 358.68 feet to a point; then S64°57'28"W a distance of 890.29 feet to a point; then S63°34'07"W a distance of 320.67 feet to a 1/2" rebar set at the southwest corner of the Plant Operations limits, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1115524.16 and east 2404082.98; then following the northerly side of said gravel road travel N82°03'44"W a distance of 115.45 feet to a 1/2" rebar set; then leaving said existing gravel road travel N57°16'53"W 314.52 feet to a 1/2" rebar set; then N57°13'38"W a distance of 418.18 feet to a point; then S23°44'05"W a distance of 146.25 feet to a 1/2" rebar set; then S17°11'19"W a distance of 192.72 feet to a 1/2" rebar set; then S89°54'23"W a distance of 271.61 feet to a 1/2" rebar set; then N43°16'22"W a distance of 211.18 feet to a 1/2" rebar set on the southwesterly edge of an existing gravel access road; then travel N36°11'37"W a distance of 1467.62 feet to a 1/2" rebar set; then N53°28'38"E a distance of 84.74 feet to a 1/2" rebar set on the northeasterly side of an existing gravel access road; then following the northeasterly side of said gravel access road N35°08'27"W a distance of 127.67 feet to a 1/2" rebar set; then N14°48'05"W a distance of 367.56 feet to a 1/2" rebar set; then leaving said northeasterly edge of said gravel access road travel N15°01'40"E a distance of 313.00 feet to a 1/2" rebar set; then N23°08'11"W a distance of 1030.10 feet to a 1/2" rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1118574.91 and east 2401565.61; then N12°29'16"W a distance of 499.73 feet to a 1/2" rebar set; then N67°45'04"E a distance of 630.16 feet to a 1/2" rebar set; then N14°01'42"W a distance of 580.07 feet to a 1/2" rebar set; then S77°07'18"W a distance of 624.19 feet to a 1/2" rebar set; then N76°08'50"W a distance of 1210.45 feet to a 1/2" rebar set; then N25°16'53"E a distance of 357.07 feet to a 1/2" rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1120304.84 and east 2400169.07; then travel N64°13'29"E a distance of 1779.57 feet to a 1/2" rebar set; then N2°28'39"E a distance of 1112.48 feet to a 1/2" rebar set; then N37°59'26"E a distance of 653.43 feet to a 1/2" rebar set; then N49°20'37"E a distance of 610.40 feet to a 1/2" rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1123102.79 and east 2402684.95; then travel S61°29'00"E a distance of 911.64 feet to a 1/2" rebar set; then S41°21'11"E a distance of 1314.63 feet to a 1/2" rebar set; then S87°29'10"E a distance of 863.27 feet to a 1/2" rebar set; then S61°11'05"E a distance of 1283.04 feet to a 1/2" rebar set; then S68°07'34"E a distance of 1144.93 feet to the POINT OF BEGINNING.



DENOTES PAINTED TREES OR FENCE NEAR PROPERTY  
 B LINE, LETTER IS CODE BELOW,  
 3 NUMBER IS FEET FROM LINE,  
 AND ARROW IS DIRECTION FROM  
 LINE THAT EVIDENCE WAS FOUND.  
 TP: STEEL TEE POST W: WHITE PAINT  
 B: BLUE PAINT CL: CHAIN LINK  
 Y: YELLOW PAINT BW: BARBED WIRE  
 R: RED PAINT HW: HOG WIRE

**LINE LEGEND**

---	PROPOSED ASH POND BOUNDARY
---	FORMER PROPERTY LINE AS NOTED
---	GPC BULK PROPERTY LINE
---	OHP
---	EASEMENT
---	ADJOINING PROPERTY LINE
---	ASPHALT PAVEMENT
---	EDGE OF DIRT/GRAVEL SITE
---	FEATURES (AERIAL LOC)
---	WIRE FENCE
---	CHAIN LINK FENCE
---	DRAINAGE PIPE
---	GRAVEL
---	CONCRETE
---	WATER

**PLAT ABBREVIATIONS**

IPF	Iron Pin Found
IPS	Iron Pin Set w/plastic cap stamped Jordan Engineering RLS 2902"
CTP	Crimp-Top Pipe
OTP	Open Top Pipe
CM	Concrete Monument
AI	Angle Iron
LL	Land Lot
D.B.	Deed Book
P.B.	Plot Book
P.C.	Plot Cabinet
SL	Slide
P.O.B.	Point of Beginning
P.O.C.	Point of Commencement
FEMA	Federal Emergency Management Agency
OHP	Overhead Power
N.T.S.	Not to Scale
GPC	Georgia Power Company
NOF	Now or Formerly

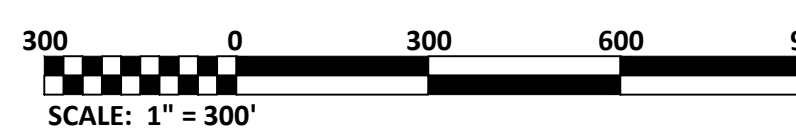
**MONUMENTATION LEGEND**

○	Iron Pin Set w/plastic cap stamped Jordan Engineering RLS 2902"
⊙	Iron Pin Found
⊠	Monument Set
⊡	Monument Found
○	Computed Point
⊕	Control or Traverse Point
⊗	Geodetic Control Point
⊕	Benchmark or Temporary Benchmark (TBM)

**UTILITY LEGEND**

⊕	Well
⊕	Power Pole
⊕	Transmission Tower
⊕	Guy Wire

**SURVEY CLOSURE STATEMENT**  
 FIELD DATA WAS COLLECTED USING A LEICA TS12 ROBOTIC TOTAL STATION AND A JAVAD TRIUMPH-LS DUAL FREQUENCY GPS RECEIVER REFERENCING THE eGPS STATEWIDE NETWORK AND HAVING A RELATIVE POSITIONAL ACCURACY OF 0.04 FEET.  
 THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE WITHIN 1 FOOT IN 1,506,429 FEET.  
 FIELD WORK WAS COMPLETED IN APRIL, 2018.



T:\Working\Ash\Schere\2018021426 Plant Scherer - Ash Pond - Permitted Boundary Survey

**Georgia Power Company**

**PROPERTY BOUNDARY SURVEY**  
**PLANT ROBERT SCHERER**  
**ASH POND - PROPOSED CCR PERMIT BOUNDARY**  
 LAND LOTS 106-109, 116-119, 138 & 139  
 5th DISTRICT, 466 G.M.D.,  
 MONROE COUNTY, GEORGIA

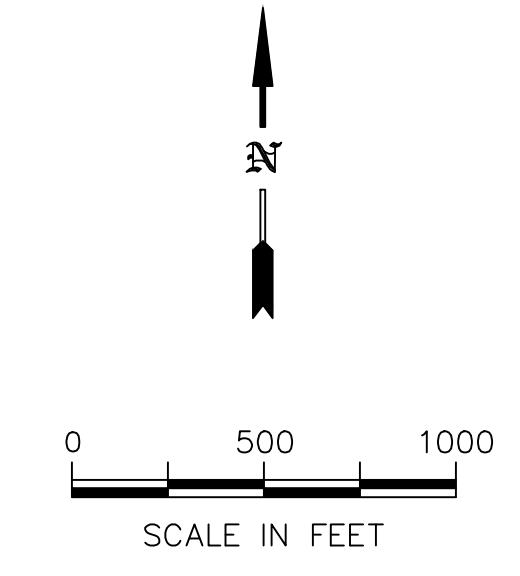
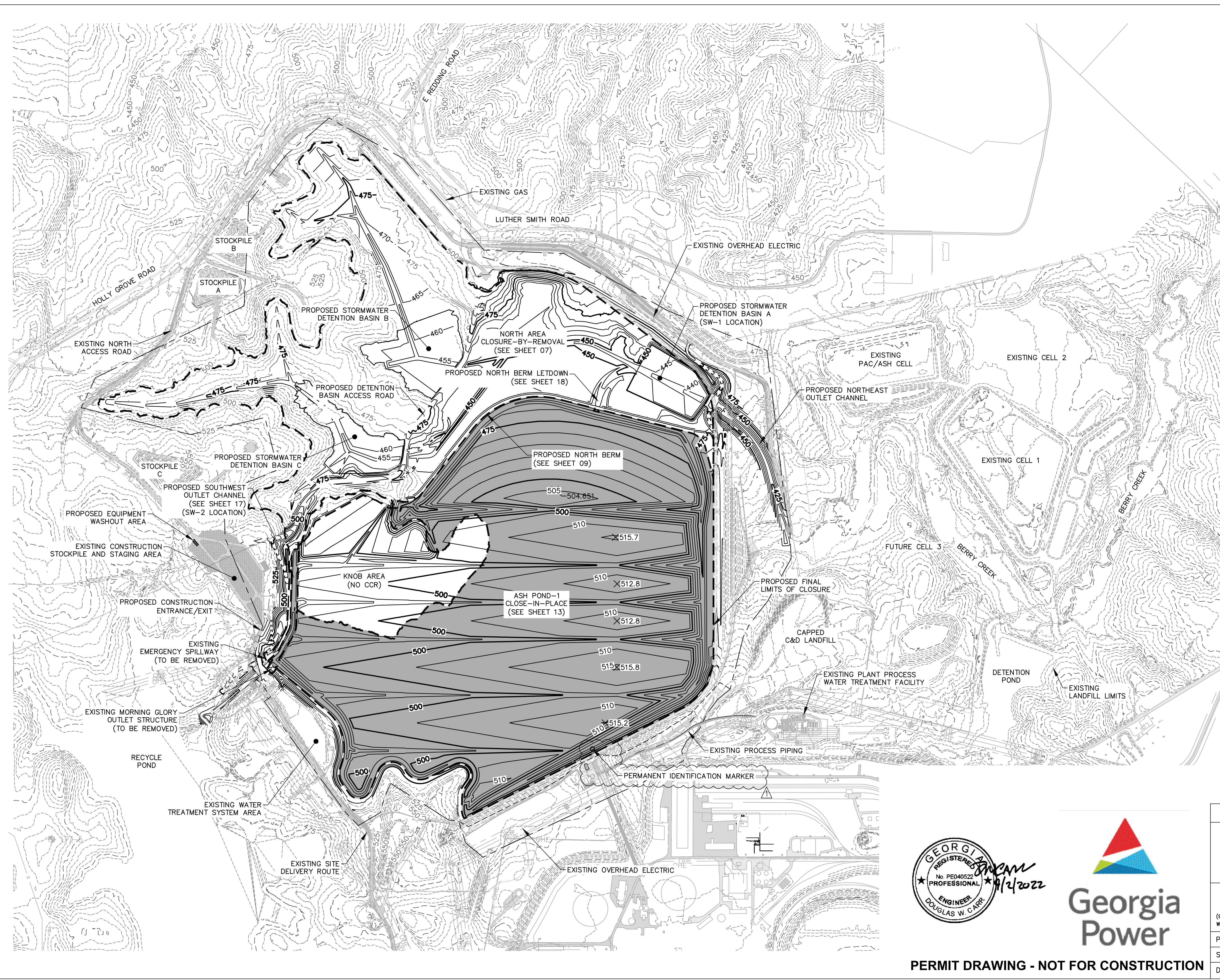
APPROVALS	DR.	TR.	Checked
	HSJ	TR	ROU/HSJ
	SCALE	DATE	
	1" = 300'	09.17.2018	
	DRAWING NUMBER	SHEET NUMBER	
	P469	SHEET 3	
		OF 3	

5/17/2021 Revision to legal description

**JORDAN ENGINEERING**  
 144 N. WARREN ST. MONTICELLO, GA 31064  
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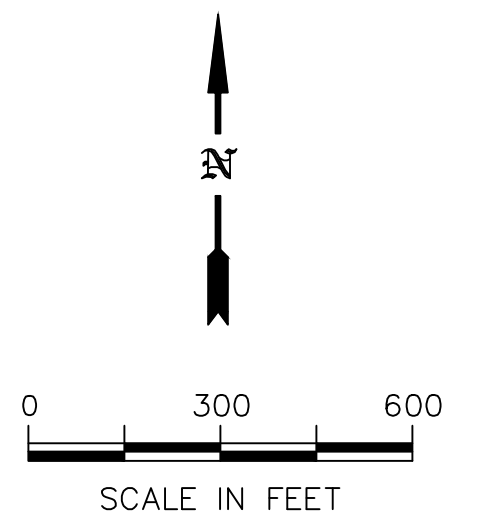
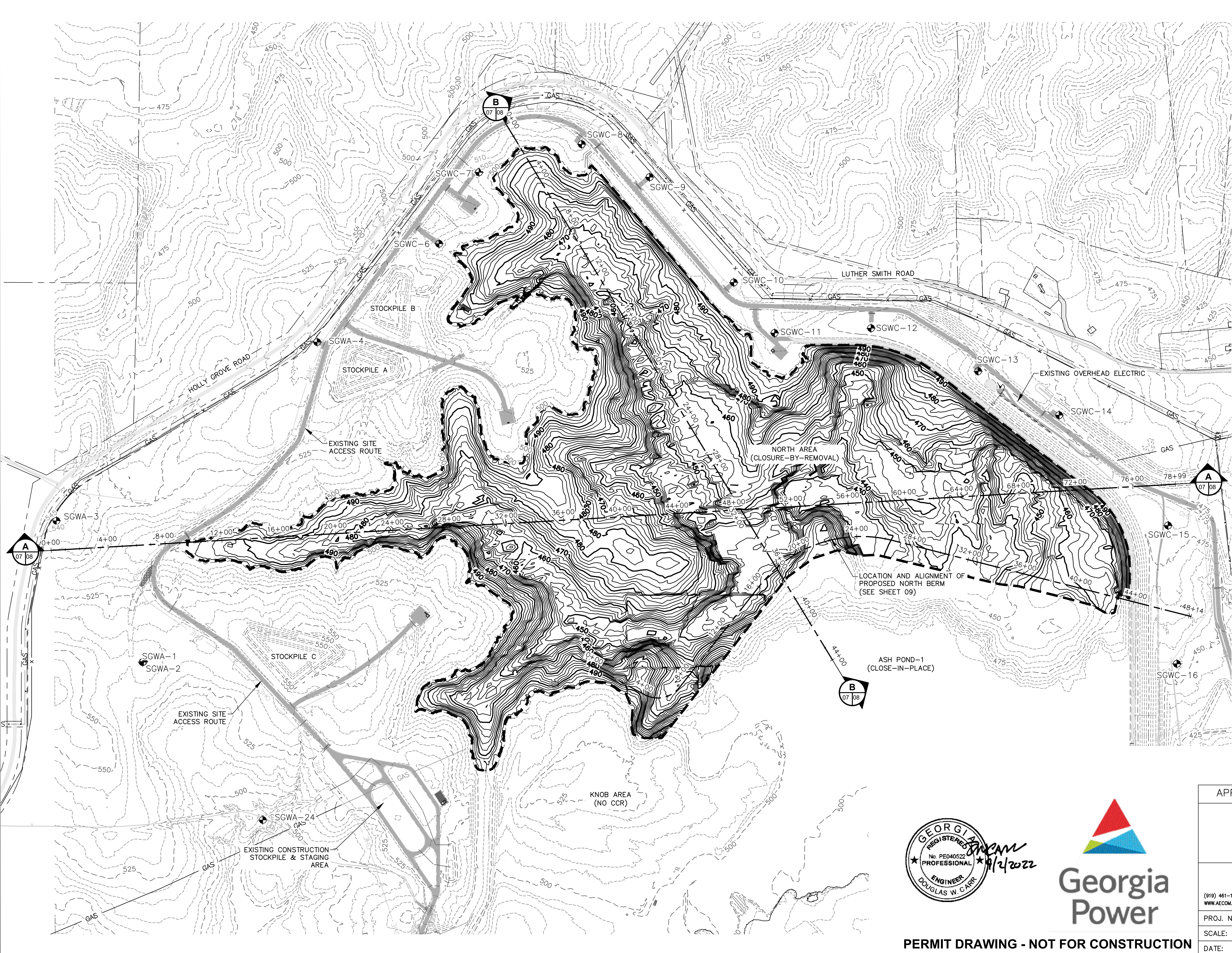
REV. 1 - ADDED LOCATION & LABEL FOR PERMANENT IDENTIFICATION MARKER.



PERMIT DRAWING - NOT FOR CONSTRUCTION

FINAL CLOSURE CONFIGURATION			
CCR CLOSURE FOR GEORGIA POWER PLANT SCHERER ASH POND-1 MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
PROJ. NO.: 60563110		DWG. NA	EDIT
SCALE: 1"=500'		REVISION 1	
DATE: 09/02/2022		SHEET 06 OF 34	

L:\DCS\Projects\ENV\60563110\_socoschere\900\_cad\_dwg\7.0\_cad\_dwg\63110\_07\_Excavation Plan.dwg User:Nathan.Owen Sep 02, 2022 11:17am



**LEGEND**  
 --- CLOSURE-BY-REMOVAL LIMITS

- NOTES**
- GRADES SHOWN ON THIS NORTH AREA EXCAVATION PLAN REPRESENT CONTOURS DEVELOPED USING FREEWATER BORING DATA TAKEN BY AECOM. CONTOURS ON THIS SHEET REPRESENT THE CCR DEPTH PLUS 6" TO ACCOUNT FOR OVER-EXCAVATION. THE FINAL EXCAVATION GRADES MAY CHANGE FROM THOSE SHOWN, DEPENDING ON FIELD CONDITIONS AND ACTUAL CCR DEPTHS ENCOUNTERED ACROSS THE NORTH AREA DURING CONSTRUCTION.
  - THE LIMITS OF THE ASH POND ARE BASED ON HISTORICAL LIMITS AND THE RESULTS OF EXPLORATORY PROGRAMS COMPLETED BY AECOM AND OTHERS. THE NORTH AREA EXCAVATION LIMITS ARE APPROXIMATE AND WILL BE MODIFIED BASED ON ACTUAL REMOVAL LIMITS AS DETERMINED FROM COMPLETE CCR REMOVAL.
  - GRADING DEPICTS BOTTOM OF EXCAVATION SURFACE IN THE NORTH AREA FOR CLOSURE-BY-REMOVAL.
  - THE NORTH AREA FINAL EXCAVATION GRADING SHOWN SHALL BE CONFIRMED IN THE FIELD WITH VISUAL OBSERVATION OF THE SUBGRADE.
  - THE FINAL GRADING PLAN FOR THE NORTH AREA IS SHOWN ON SHEET 12.
  - BATHYMETRIC SURVEY WAS PERFORMED BY LOWE ENGINEERING IN 2015.

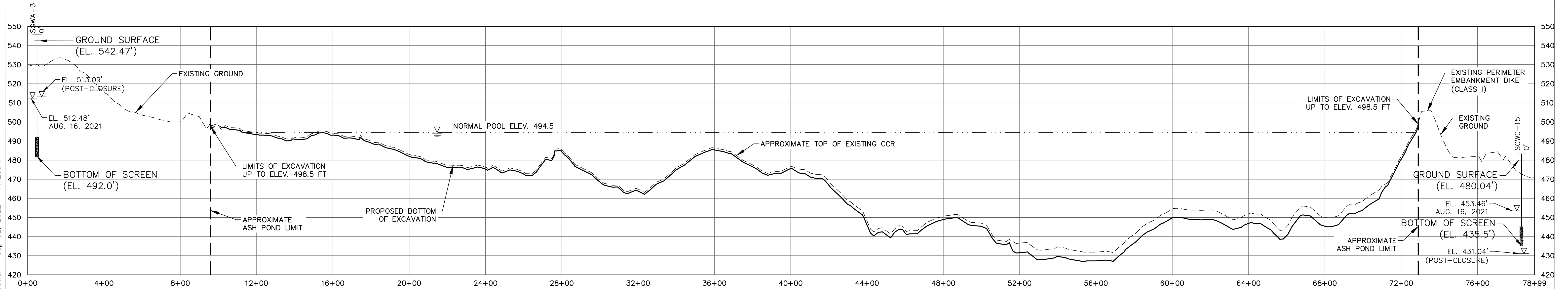


APPROXIMATE NORTH AREA EXCAVATION PLAN  
 CCR CLOSURE  
 FOR  
 GEORGIA POWER  
 PLANT SCHERER ASH POND-1  
 MONROE COUNTY, GEORGIA

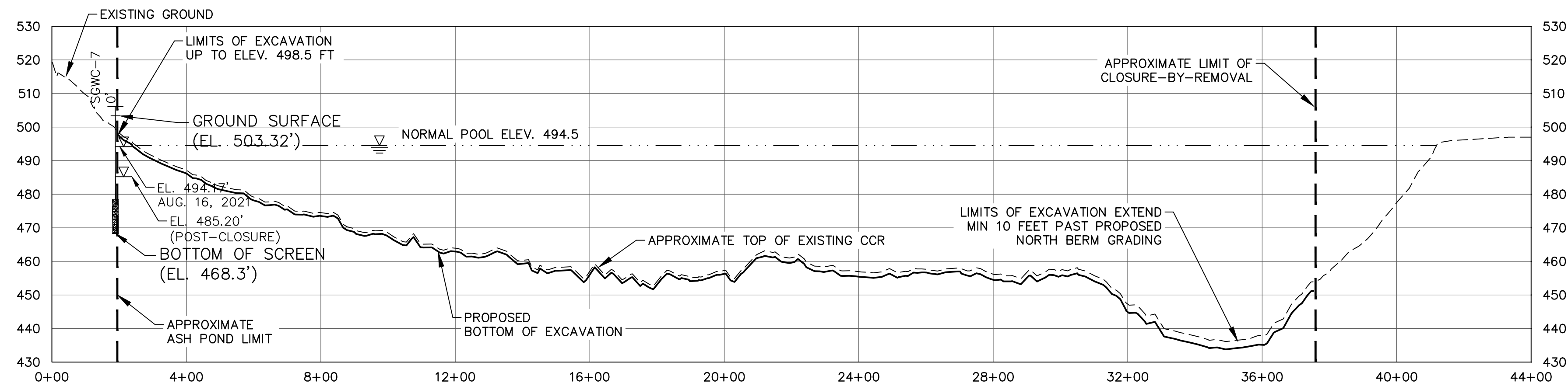
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DATE: 09/02/2022			

PERMIT DRAWING - NOT FOR CONSTRUCTION

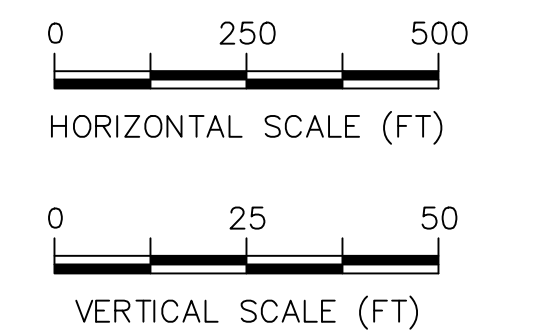
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**A SECTION A-A**  
 HORIZONTAL SCALE: 1"=250'  
 VERTICAL SCALE: 1"=25'



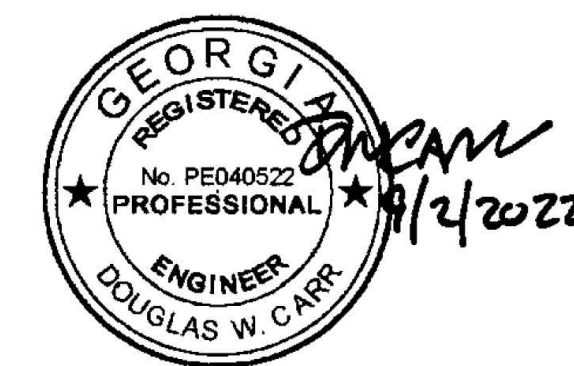
**B SECTION B-B**  
 HORIZONTAL SCALE: 1"=250'  
 VERTICAL SCALE: 1"=25'



**NOTES**

1. THE TOP OF CCR IS REPRESENTED BY THE BATHYMETRIC SURVEY PERFORMED BY LOWE ENGINEERING IN 2015. THESE GRADES SHOULD BE CONSIDERED APPROXIMATE AND WILL BE VERIFIED AND DOCUMENTED DURING ASH POND CLOSURE.
2. ESTIMATED POST-CLOSURE GROUNDWATER POTENTIOMETRIC LEVELS ARE IN ACCORDANCE WITH GROUNDWATER MODELING PROVIDED TO EPD IN APRIL 2020.

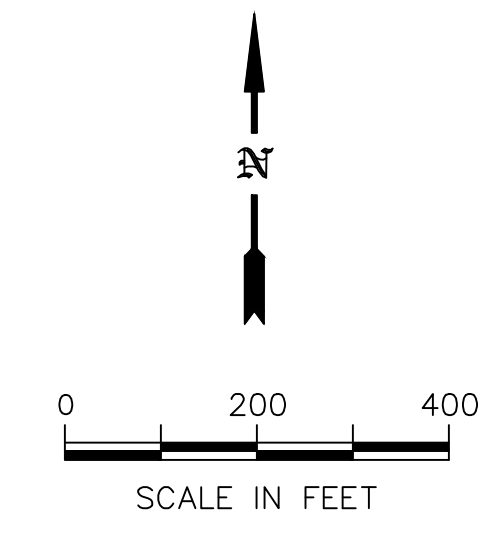
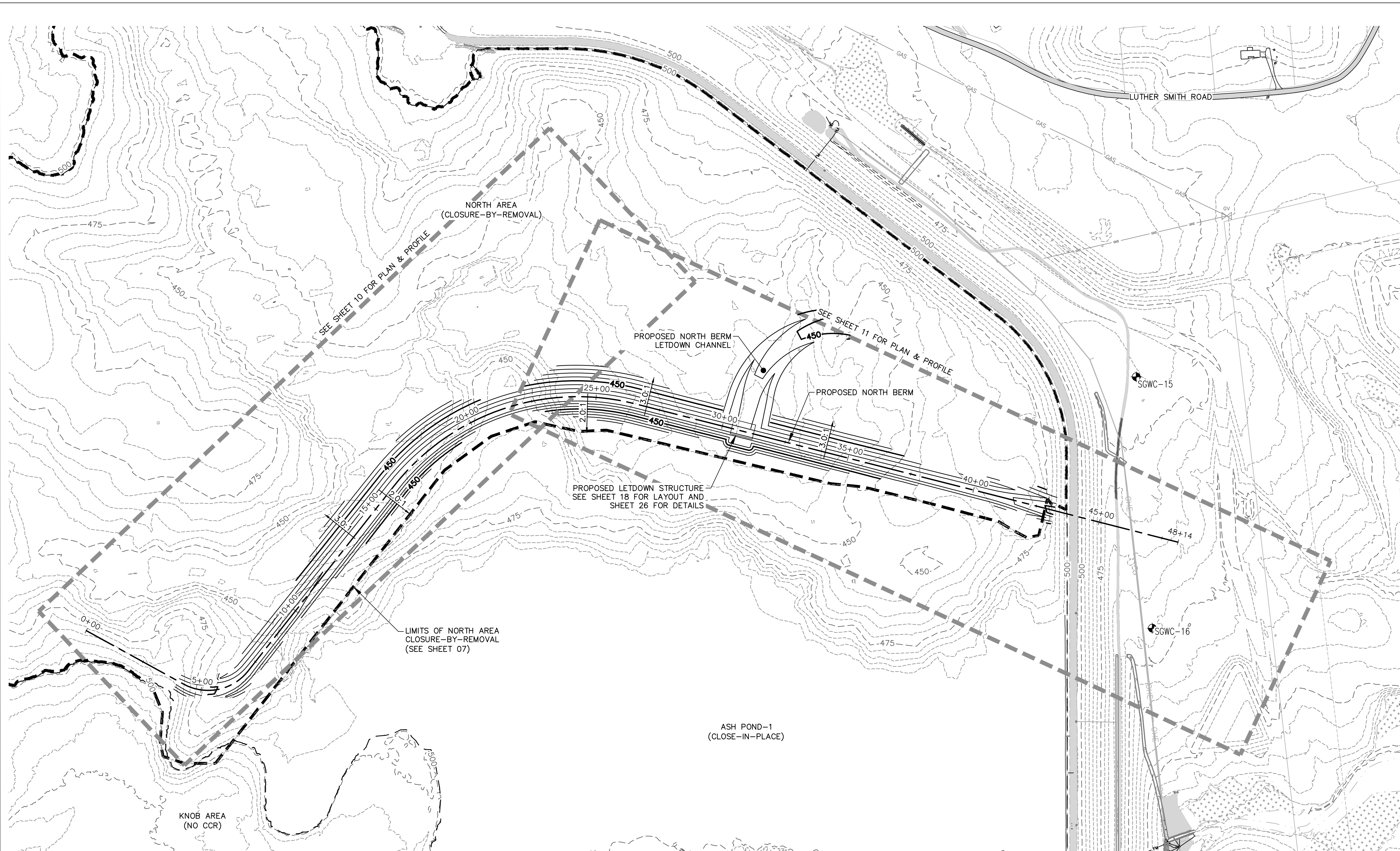
I HEREBY CERTIFY THAT I AM A QUALIFIED GROUNDWATER SCIENTIST, IN ACCORDANCE WITH THE RULES OF SOLID WASTE MANAGEMENT, AND 40 CFR PAR 258.50(G). A QUALIFIED GROUNDWATER SCIENTIST IS A SCIENTIST OR ENGINEER WHO HAS RECEIVED A BACCALAUREATE OR POST-GRADUATE DEGREE IN THE NATURAL SCIENCES OR ENGINEERING AND HAS SUFFICIENT TRAINING AND EXPERIENCE IN GROUNDWATER HYDROLOGY AND RELATED FIELDS AS MAY BE DEMONSTRATED BY STATE REGISTRATION, PROFESSIONAL CERTIFICATIONS, OR COMPLETION OF ACCREDITED UNIVERSITY PROGRAMS THAT ENABLE INDIVIDUALS TO MAKE SOUND PROFESSIONAL JUDGEMENTS REGARDING GROUNDWATER MONITORING, CONTAMINANT FATE AND TRANSPORT, AND CORRECTIVE ACTION. THE POST-CLOSURE WATER LEVELS SHOWN ON THIS SHEET ARE ESTIMATED FROM A NUMERICAL GROUNDWATER MODEL DEVELOPED BY AN AECOM GROUNDWATER SCIENTIST. THE PRE-CLOSURE WATER LEVELS SHOWN ON THIS PLAN ARE FROM THE PLANT SCHERER ASH POND 1 WELL NETWORK DESIGNED BY OTHERS.



NORTH AREA EXCAVATION SECTIONS			
CCR CLOSURE FOR GEORGIA POWER PLANT SCHERER ASH POND-1 MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
PROJ. NO.: 60563110		DWG. NA	REVISION 1
SCALE: AS SHOWN		SHEET 08 OF 34	
DATE: 09/02/2022			

**PERMIT DRAWING - NOT FOR CONSTRUCTION**

L:\DCS\Projects\ENV\60563110\_socoschere\900\_cad\_gis\7.0\_cad\_drawings\Sheets\4 - 100% permit\_package\63110\_09 North Berm\_Overall Grading Plan.dwg User:Nathan.Owen Sep 02, 2022 - 11:35am



**NOTES**

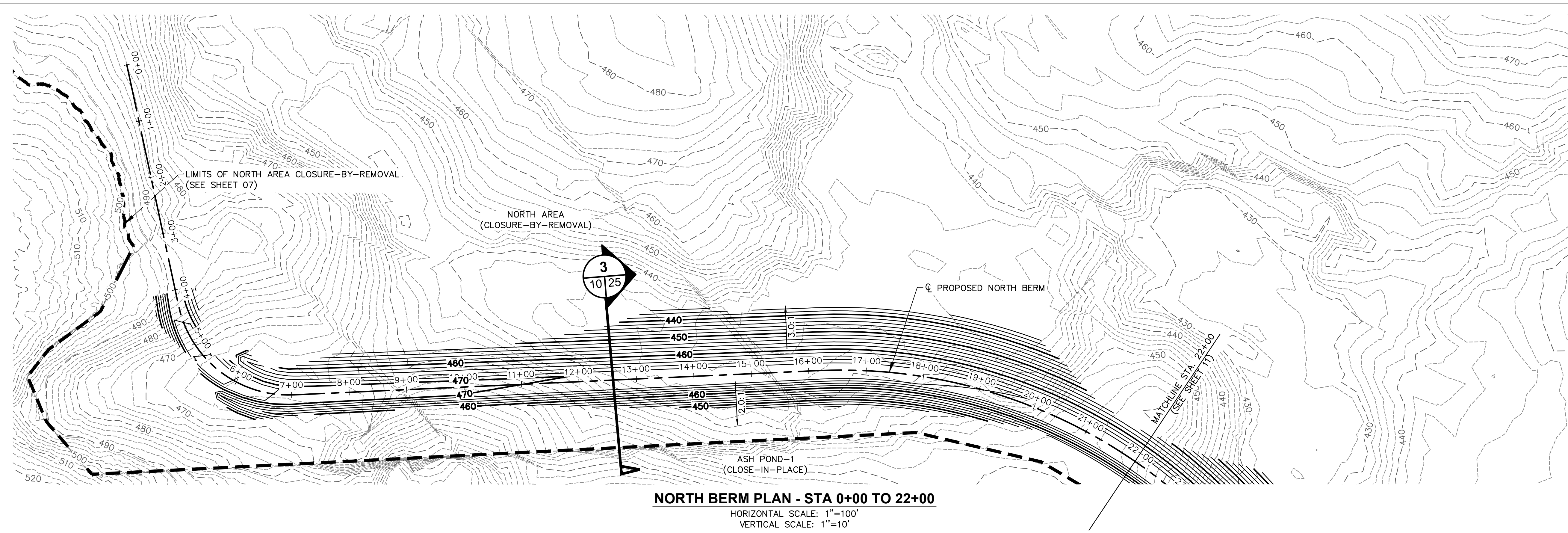
1. THE EXISTING GRADE CONTOURS SHOWN REPRESENT APPROXIMATE SITE CONDITIONS AFTER THE COMPLETION OF THE NORTH AREA EXCAVATION.

PROPOSED NORTH BERM OVERALL GRADING PLAN			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM			
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 1
SCALE: 1" = 200'	<b>SHEET 09 OF 34</b>		
DATE: 09/02/2022			

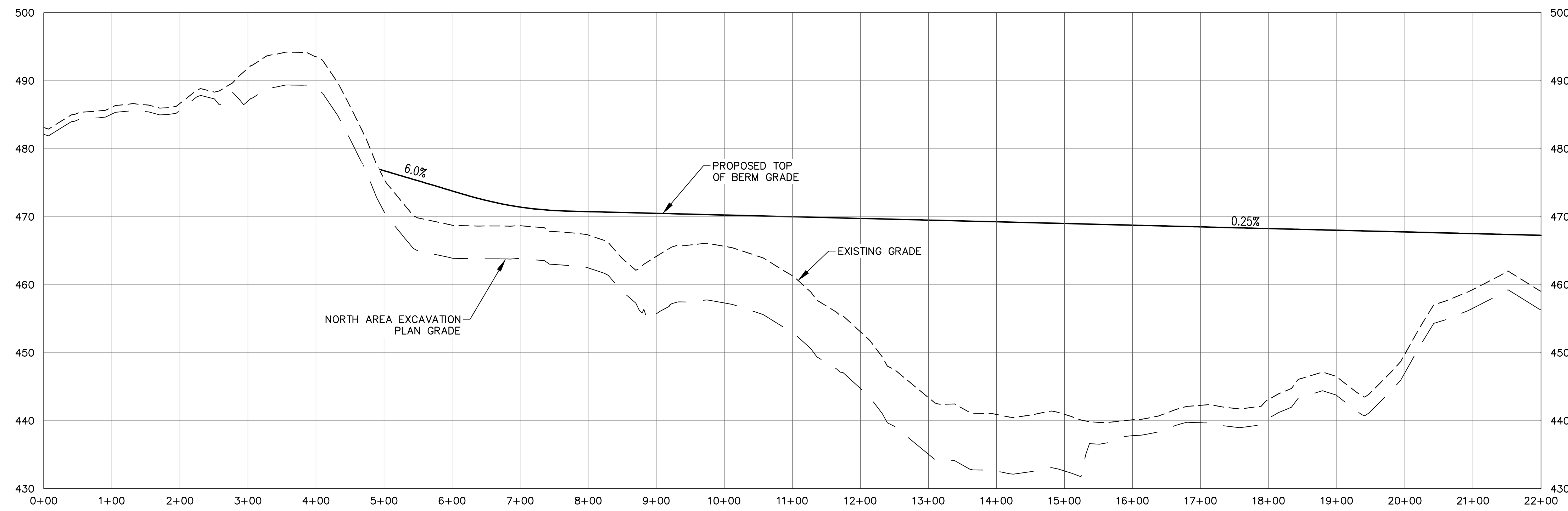


PERMIT DRAWING - NOT FOR CONSTRUCTION

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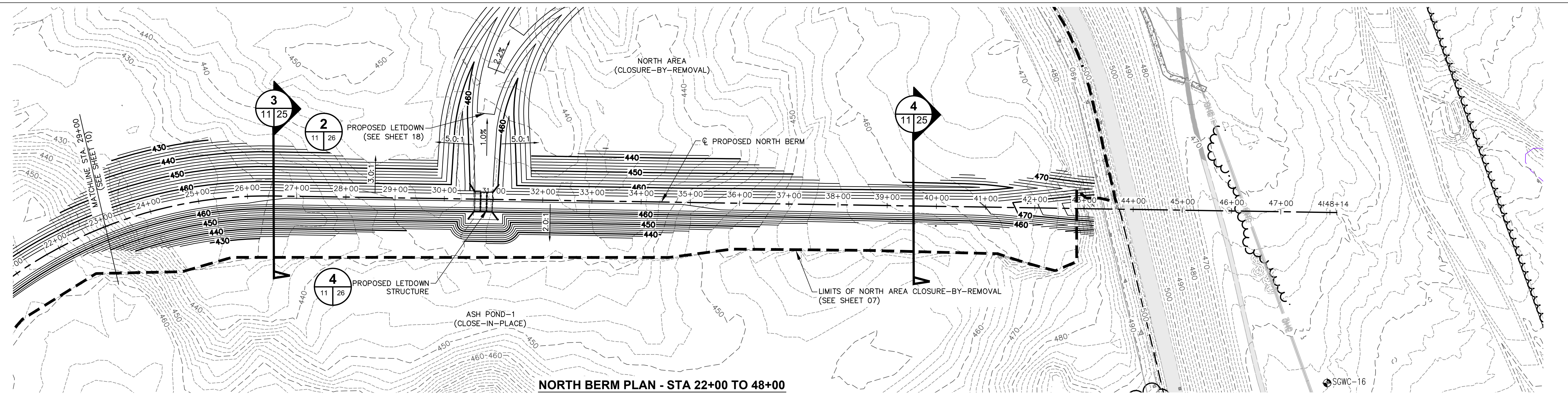
**NOTES**  
 1. THE EXISTING GRADE CONTOURS SHOWN REPRESENT APPROXIMATE SITE CONDITIONS AFTER THE COMPLETION OF THE NORTH AREA EXCAVATION.



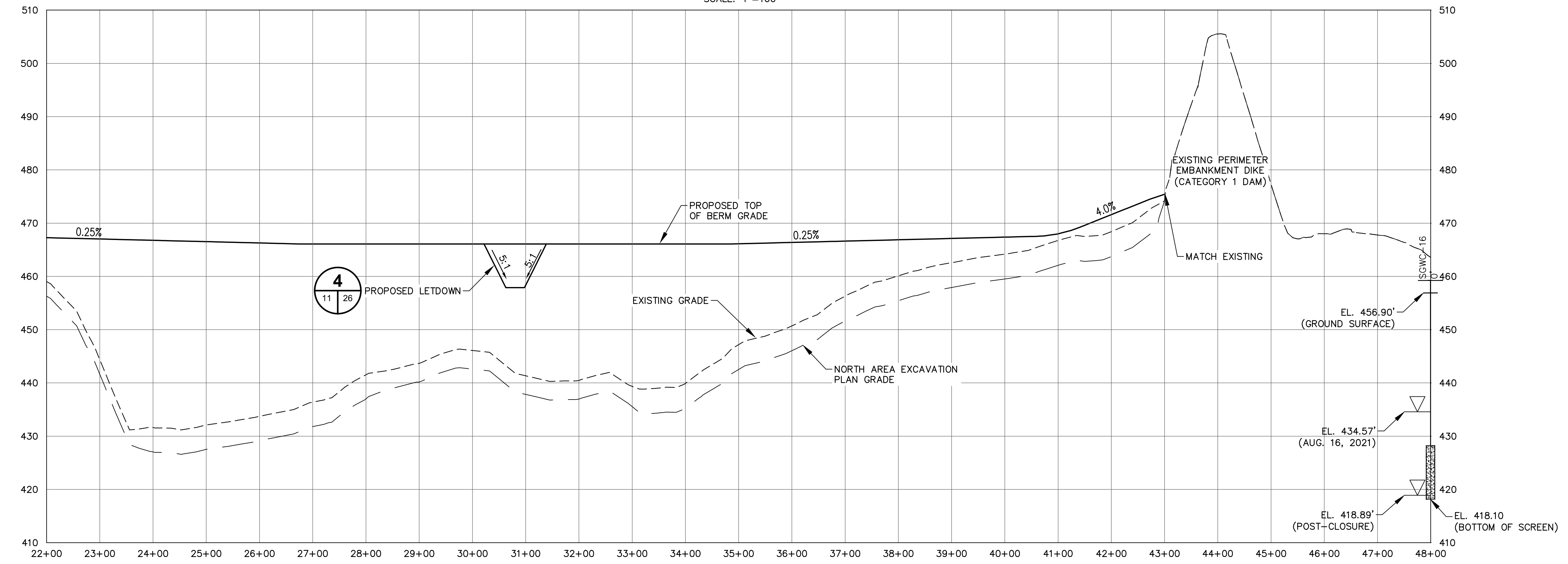
PERMIT DRAWING - NOT FOR CONSTRUCTION

PROPOSED NORTH BERM PLAN & PROFILE I			
CCR CLOSURE FOR GEORGIA POWER PLANT SCHERER ASH POND-1 MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM			
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 1
SCALE: AS SHOWN	<b>SHEET 10 OF 34</b>		
DATE: 09/02/2022			

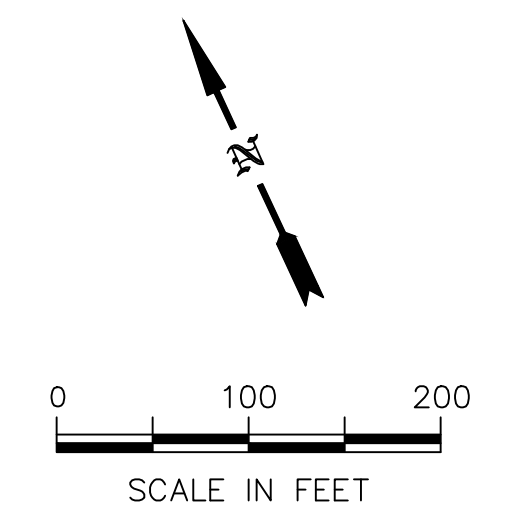
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**NORTH BERM PLAN - STA 22+00 TO 48+00**  
SCALE: 1"=100'

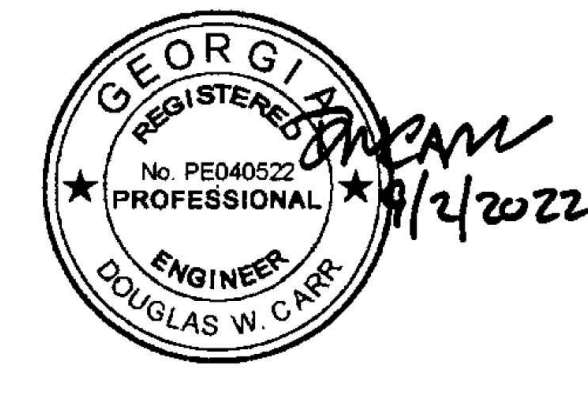


**NORTH BERM PROFILE - STA 22+00 TO 48+00**  
HORIZONTAL SCALE: 1"=100'  
VERTICAL SCALE: 1"=10'



- NOTES**
1. THE EXISTING GRADE CONTOURS SHOWN REPRESENT APPROXIMATE SITE CONDITIONS AFTER THE COMPLETION OF THE NORTH AREA EXCAVATION.
  2. PROPOSED EXCAVATIONS WITHIN 50 FEET OF THE EXISTING EMBANKMENT DIKE SHALL NOT EXCEED FIVE FEET INTO THE EMBANKMENT MATERIALS OF DIKE FOUNDATION SOILS AND SHALL BE NO STEEPER THAN 2H:1V WITHOUT PRIOR APPROVAL FROM THE ENGINEER. CATEGORY 1 DAM INTEGRITY SHALL BE MAINTAINED THROUGHOUT THE ENTIRETY OF THE CLOSURE CONSTRUCTION - REFER TO SAFE DAMS PERMIT PACKAGE.

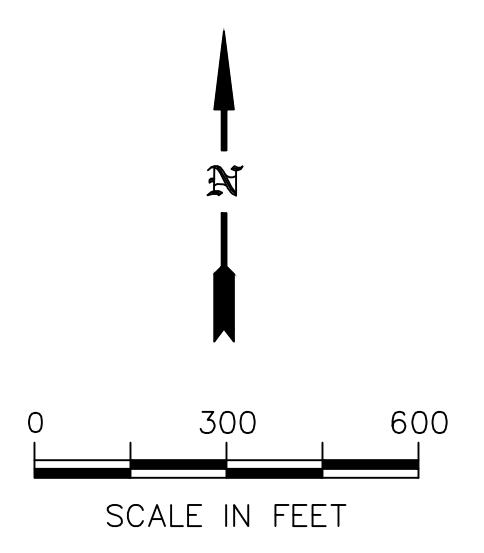
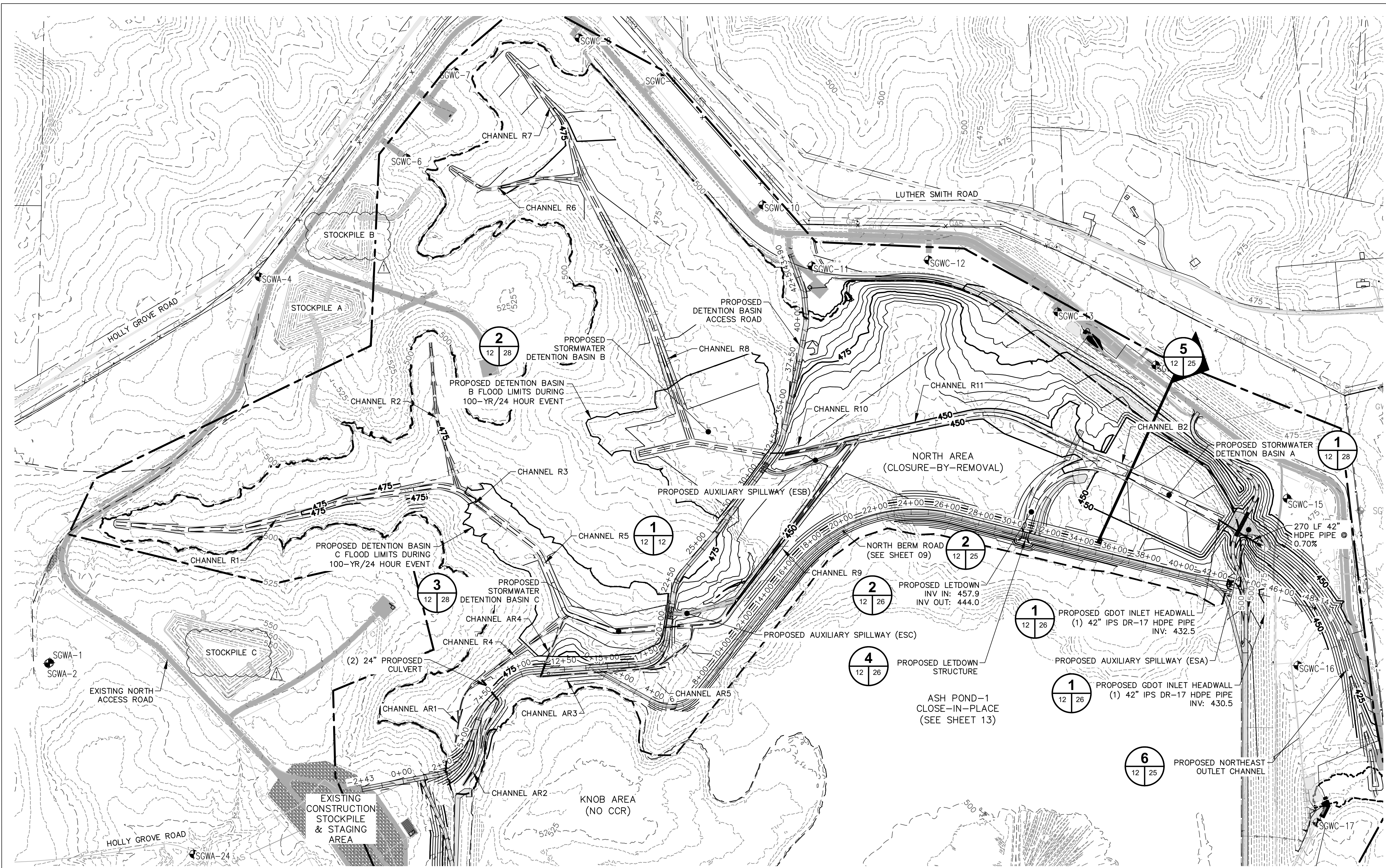
I HEREBY CERTIFY THAT I AM A QUALIFIED GROUNDWATER SCIENTIST, IN ACCORDANCE WITH THE RULES OF SOLID WASTE MANAGEMENT, AND 40 CFR PAR 258.50(G). A QUALIFIED GROUNDWATER SCIENTIST IS A SCIENTIST OR ENGINEER WHO HAS RECEIVED A BACCALAUREATE OR POST-GRADUATE DEGREE IN THE NATURAL SCIENCES OR ENGINEERING AND HAS SUFFICIENT TRAINING AND EXPERIENCE IN GROUNDWATER HYDROLOGY AND RELATED FIELDS AS MAY BE DEMONSTRATED BY STATE REGISTRATION, PROFESSIONAL CERTIFICATIONS, OR COMPLETION OF ACCREDITED UNIVERSITY PROGRAMS THAT ENABLE INDIVIDUALS TO MAKE SOUND PROFESSIONAL JUDGEMENTS REGARDING GROUNDWATER MONITORING, CONTAMINANT FATE AND TRANSPORT, AND CORRECTIVE ACTION. THE POST-CLOSURE WATER LEVELS SHOWN ON THIS SHEET ARE ESTIMATED FROM A NUMERICAL GROUNDWATER MODEL DEVELOPED BY AN AECOM GROUNDWATER SCIENTIST. THE PRE-CLOSURE WATER LEVELS SHOWN ON THIS PLAN ARE FROM THE PLANT SCHERER ASH POND 1 WELL NETWORK DESIGNED BY OTHERS.



PROPOSED NORTH BERM PLAN & PROFILE II			
CCR CLOSURE FOR GEORGIA POWER PLANT SCHERER ASH POND-1 MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM			
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 1
SCALE: AS SHOWN	<b>SHEET 11 OF 34</b>		
DATE: 09/02/2022			

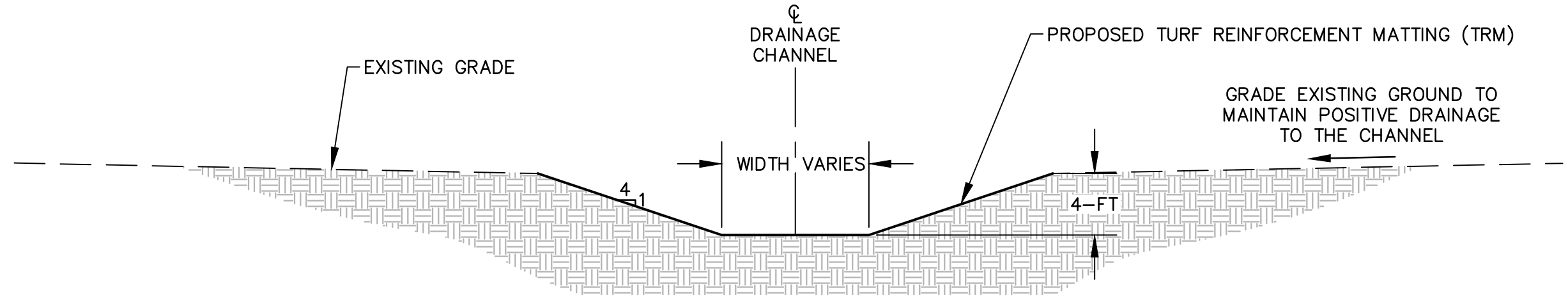
**PERMIT DRAWING - NOT FOR CONSTRUCTION**

L:\DCS\Projects\ENV\60563110\_SoCoSchere\900\_CAD Drawings\Sheets\4 - 100% Permit Package\63110\_12\_North Area Grading Plan.dwg User:matthew.deeds Sep 02, 2022 11:53am



**LEGEND**  
 - - - - - PROPOSED CHANNEL CENTERLINE  
 - - - - - PROPOSED CHANNEL BOTTOM

- NOTES**
- EXISTING CONTOURS WITHIN THE NORTHERN AREA (CLOSURE-BY-REMOVAL AREA) REPRESENT THE BOTTOM OF EXCAVATION GRADES FROM SHEET 07.
  - THIS DRAWING DEPICTS POST-CLOSURE CONTOURS IN THE NORTH AREA.
  - BREACH OF DIKE TO OCCUR ONLY AFTER ASH POND CLOSURE IS COMPLETE. THE TEMPORARY CONTACT WATER MANAGEMENT POND SHALL BE USED FOR TREATMENT UNTIL BREACH OF DIKE OCCURS.
  - SEE SHEET 27 FOR CHANNEL GEOMETRY AND ARMORING SCHEDULE.



**1**  
 12 | 12  
**TYPICAL DRAINAGE CHANNEL**  
 NOT TO SCALE

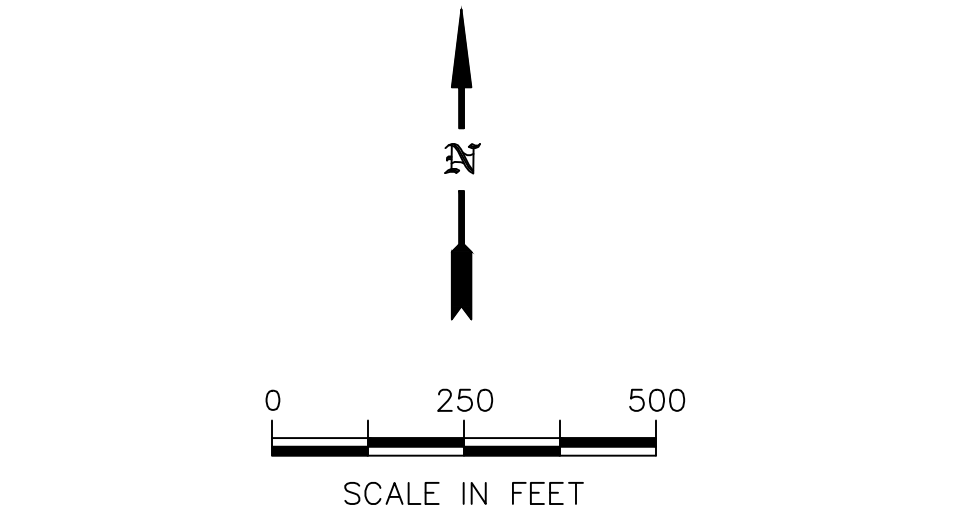
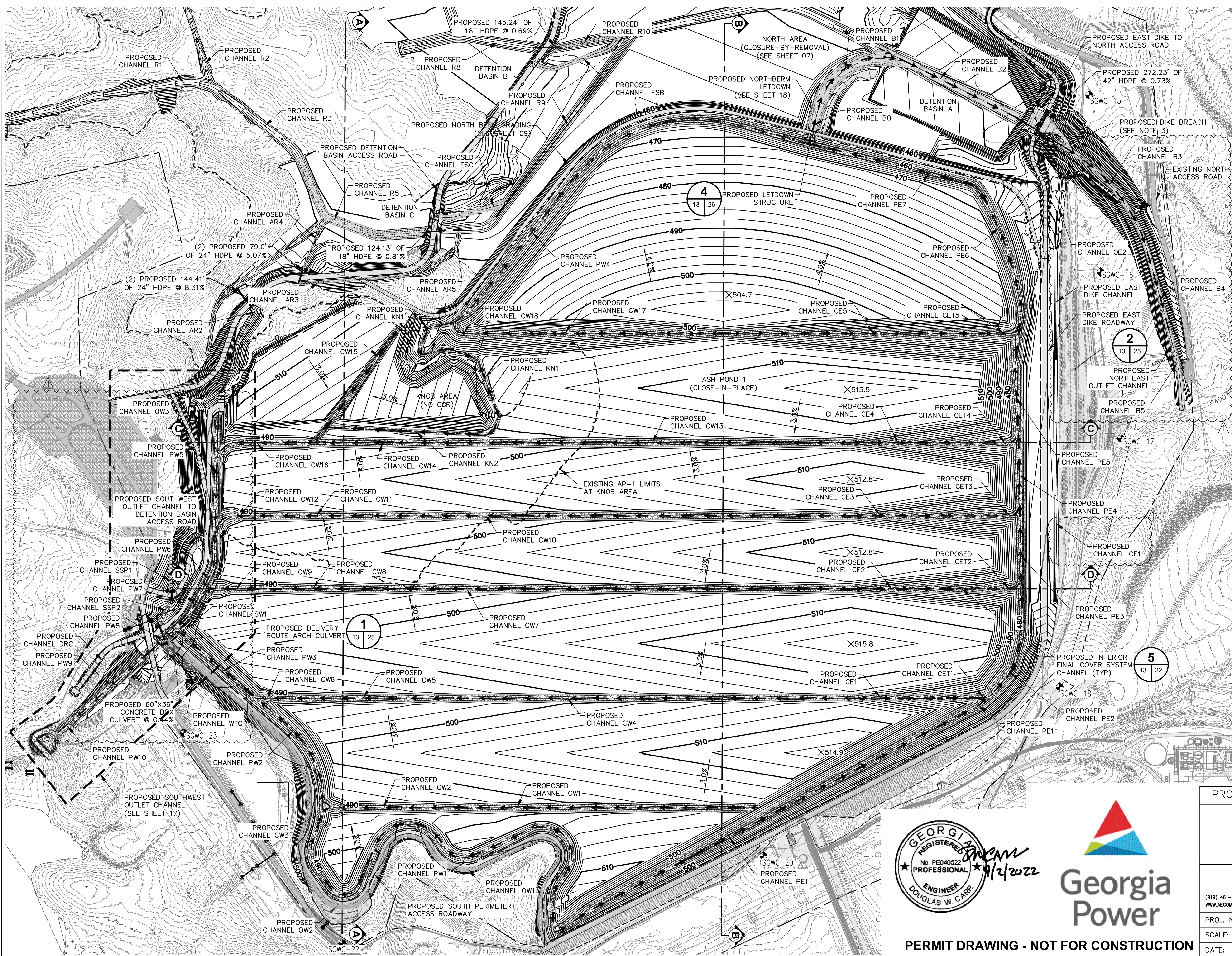
△ REV. 1 - REVISED LABEL FOR STOCKPILE B. ADDED CONTOURS & LABEL FOR STOCKPILE C.



**PERMIT DRAWING - NOT FOR CONSTRUCTION**

NORTH AREA GRADING PLAN			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM	PROJ. NO.: 60563110	DWG. NA	EDIT REVISION 1
SCALE: 1"=300'	SHEET 12 OF 34		
DATE: 09/02/2022			

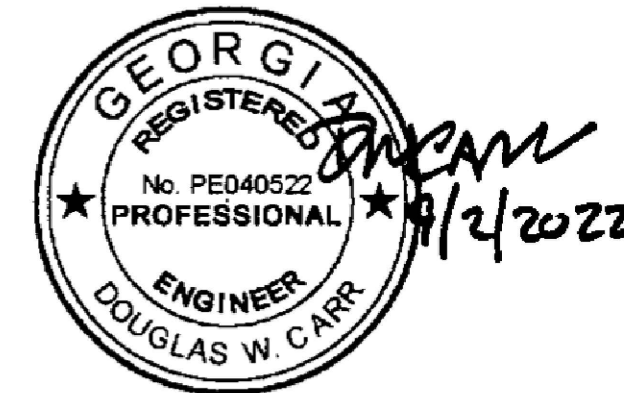
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- LEGEND**
- LIMITS OF FINAL CLOSURE
  - - - LIMITS OF ASH POND
  - CHANNEL CENTERLINE
  - → → CHANNEL FLOW PATH
  - ▨ RIPRAP ARMORING
  - ASH POND 1 DAM - NO CONSTRUCTION ACTIVITIES OR DISTURBANCE ON THE POND DAM
  - PROPOSED LIMITS OF CLOSURE-BY-REMOVAL

- NOTES**
1. GRADING DEPICTS THE TOP OF FINAL SUBGRADE.
  2. SEE SHEET 27 FOR CHANNEL GEOMETRY AND ARMORING SCHEDULE.
  3. PROPOSED AP-1 DAM BREACH TO OCCUR AFTER THE FINAL COVER SYSTEM IS COMPLETELY CONSTRUCTED. NO DISCHARGE OF STORMWATER FROM WITHIN THE EXISTING AP-1 FOOTPRINT WILL BE PERMITTED THROUGHOUT FINAL COVER CONSTRUCTION. SEE CONSTRUCTION SEQUENCING PLANS FOR FURTHER DETAILS.

△ REV. 1 - LABELED CHANNELS OE1, OE2, B3, B4, B5, PW8, PW9, PW10, OW3, DRC, WTC, SW1

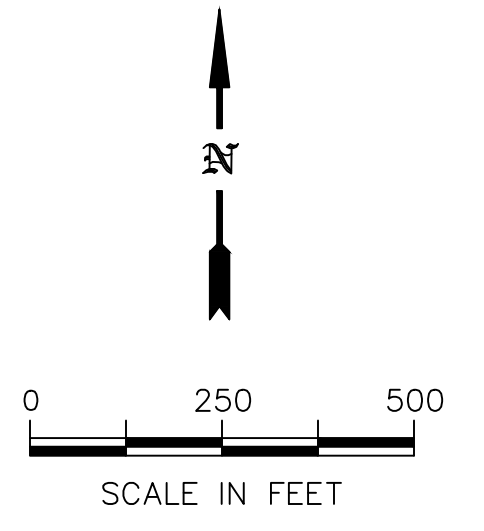
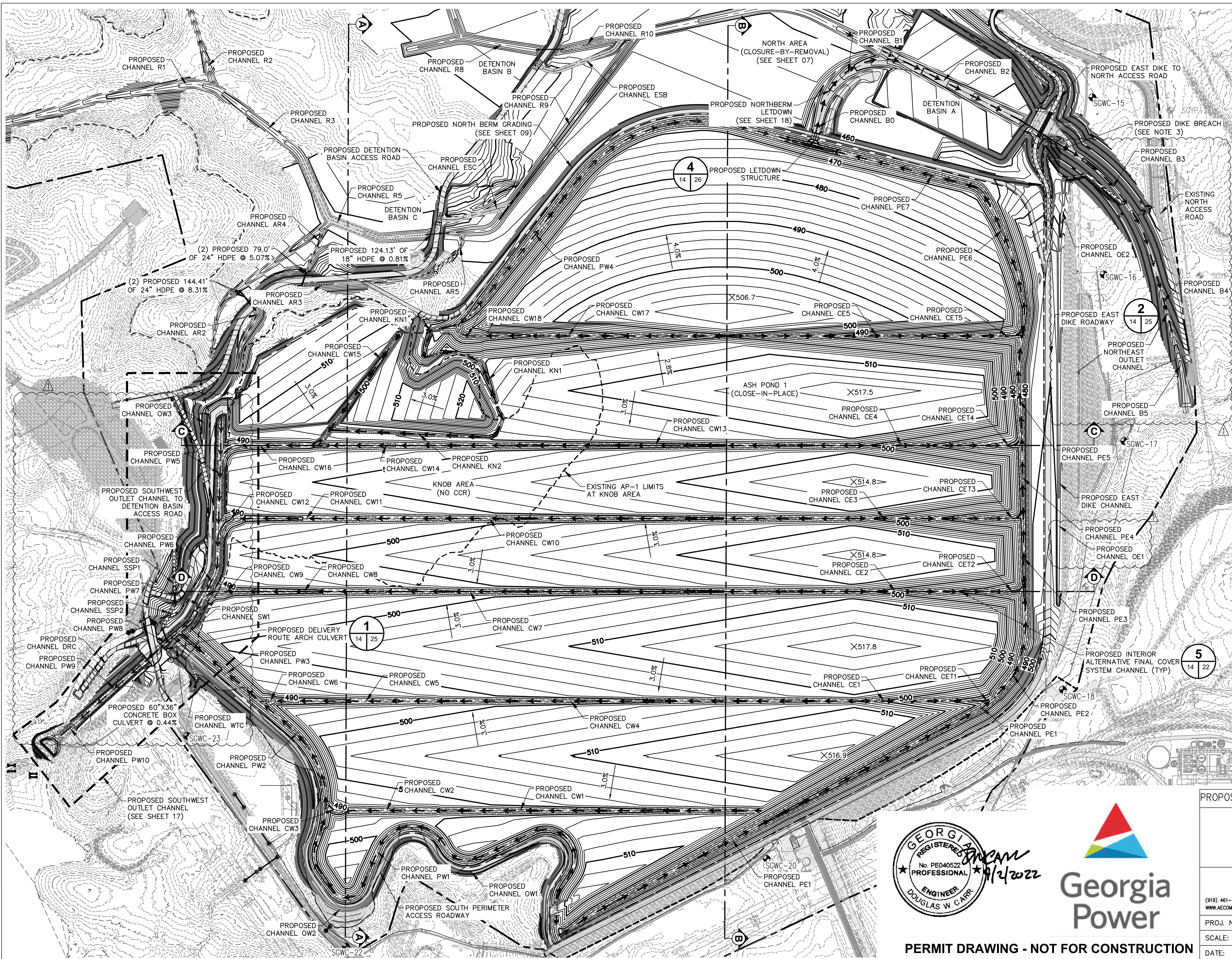


PERMIT DRAWING - NOT FOR CONSTRUCTION

PROPOSED FINAL COVER SYSTEM GRADING PLAN			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM			
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 1
SCALE: 1"=250'	SHEET 13 OF 34		
DATE: 09/02/2022			



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- LEGEND**
- LIMITS OF FINAL CLOSURE
  - - - LIMITS OF ASH POND
  - CHANNEL CENTERLINE
  - → → CHANNEL FLOW PATH
  - ▨ RIPRAP ARMORING
  - ▨ ASH POND 1 DAM - NO CONSTRUCTION ACTIVITIES OR DISTURBANCE ON THE POND DAM
  - ▨ PROPOSED LIMITS OF CLOSURE-BY-REMOVAL

- NOTES**
1. GRADING DEPICTS THE TOP OF FINAL SUBGRADE.
  2. SEE SHEET 27 FOR CHANNEL GEOMETRY AND ARMORING SCHEDULE.
  3. PROPOSED AP-1 DAM BREACH TO OCCUR AFTER THE ALTERNATIVE FINAL COVER SYSTEM IS COMPLETELY CONSTRUCTED. NO DISCHARGE OF STORMWATER FROM WITHIN THE EXISTING AP-1 FOOTPRINT WILL BE PERMITTED THROUGHOUT FINAL COVER CONSTRUCTION. SEE CONSTRUCTION SEQUENCING PLANS FOR FURTHER DETAILS.

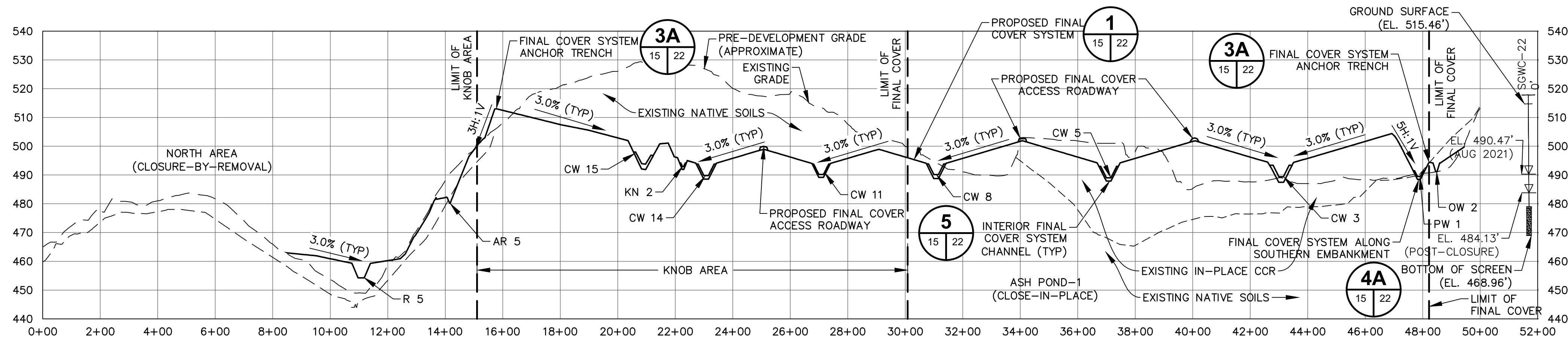
REV. 1 - LABELED CHANNELS OE1, OE2, B3, B4, B5, PW8, PW9, PW10, OW3, DRC, WTC, SW1



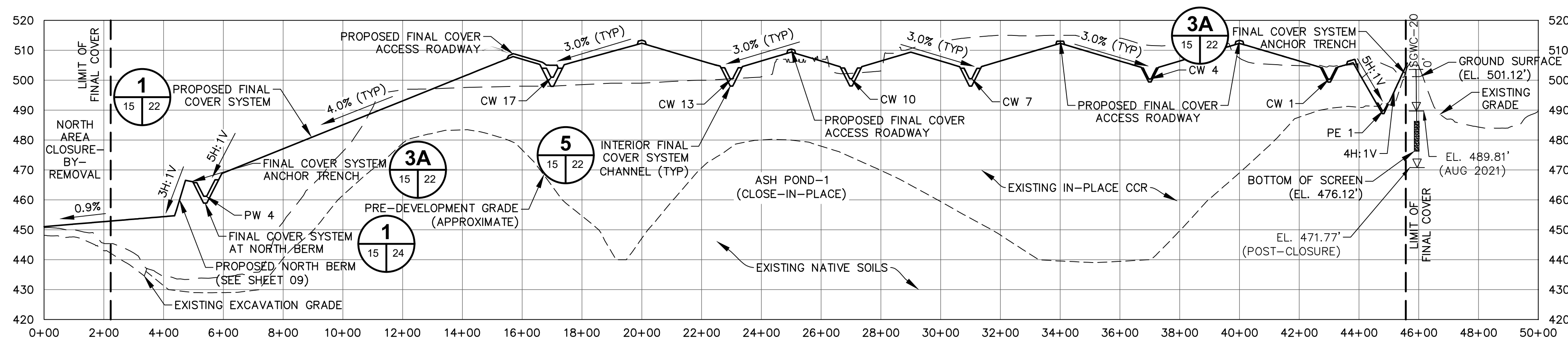
PERMIT DRAWING - NOT FOR CONSTRUCTION

PROPOSED ALTERNATIVE FINAL COVER SYSTEM GRADING PLAN			
CCR CLOSURE FOR GEORGIA POWER PLANT SCHERER ASH POND-1 MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM			
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 1
SCALE: 1"=250'	SHEET 14 OF 34		
DATE: 09/02/2022			

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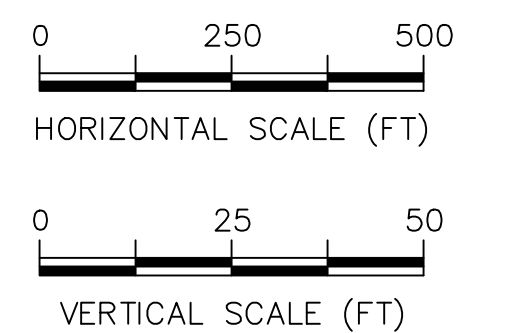
**SECTION A - A**  
HORIZONTAL SCALE: 1"=250'  
VERTICAL SCALE: 1"=25'



**SECTION B - B**  
HORIZONTAL SCALE: 1"=250'  
VERTICAL SCALE: 1"=25'

**NOTES**

1. HISTORICAL USGS TOPOGRAPHY IS REPRESENTED BY THE PRE-DEVELOPMENT GRADES SHOWN.
2. THE ELEVATIONS OF THE PROPOSED SUBGRADE ARE EQUIVALENT TO THE SUBGRADE OF THE ALTERNATIVE FINAL COVER SYSTEM GRADES.
3. SEE DETAILS 2, 3B, AND 4B ON SHEET 22 FOR ALTERNATIVE FINAL COVER SYSTEM AND ANCHOR TRENCH DETAILS.
4. SEE SHEET 27 FOR CHANNEL GEOMETRY AND ARMORING SCHEDULE.



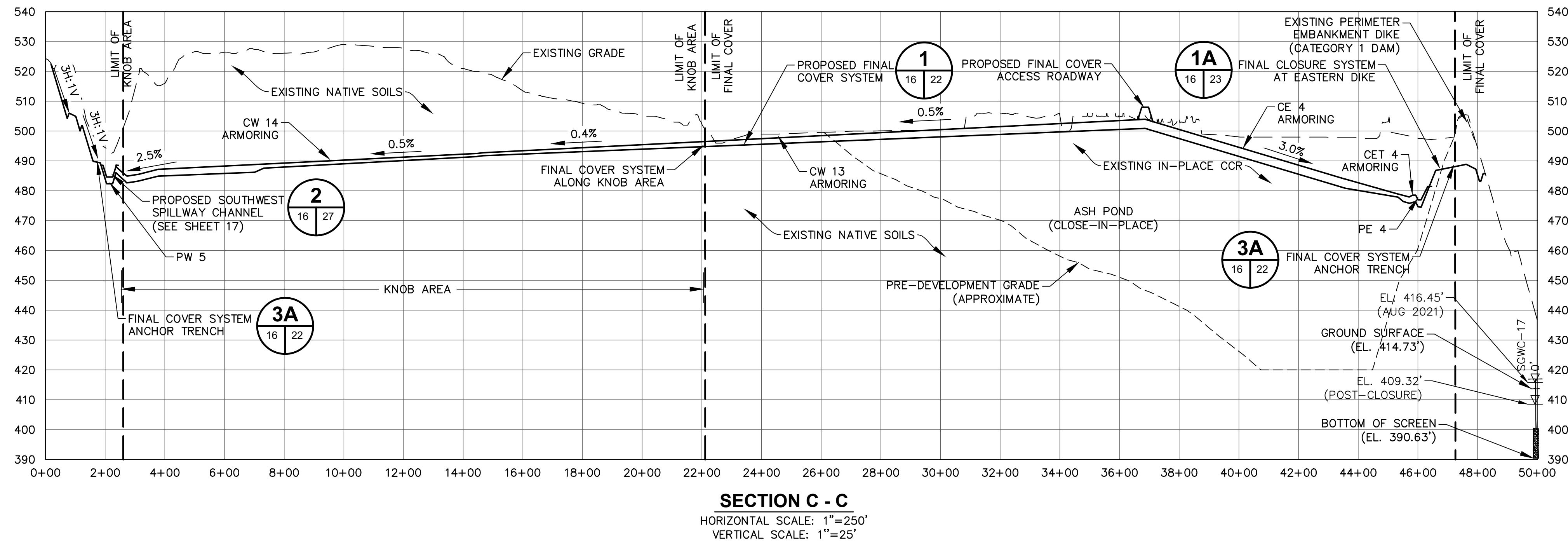
I HEREBY CERTIFY THAT I AM A QUALIFIED GROUNDWATER SCIENTIST, IN ACCORDANCE WITH THE RULES OF SOLID WASTE MANAGEMENT, AND 40 CFR PAR 258.50(G). A QUALIFIED GROUNDWATER SCIENTIST IS A SCIENTIST OR ENGINEER WHO HAS RECEIVED A BACCALAUREATE OR POST-GRADUATE DEGREE IN THE NATURAL SCIENCES OR ENGINEERING AND HAS SUFFICIENT TRAINING AND EXPERIENCE IN GROUNDWATER HYDROLOGY AND RELATED FIELDS AS MAY BE DEMONSTRATED BY STATE REGISTRATION, PROFESSIONAL CERTIFICATIONS, OR COMPLETION OF ACCREDITED UNIVERSITY PROGRAMS THAT ENABLE INDIVIDUALS TO MAKE SOUND PROFESSIONAL JUDGEMENTS REGARDING GROUNDWATER MONITORING, CONTAMINANT FATE AND TRANSPORT, AND CORRECTIVE ACTION. THE POST-CLOSURE WATER LEVELS SHOWN ON THIS SHEET ARE ESTIMATED FROM A NUMERICAL GROUNDWATER MODEL DEVELOPED BY AN AECOM GROUNDWATER SCIENTIST. THE PRE-CLOSURE WATER LEVELS SHOWN ON THIS PLAN ARE FROM THE PLANT SCHERER ASH POND 1 WELL NETWORK DESIGNED BY OTHERS.



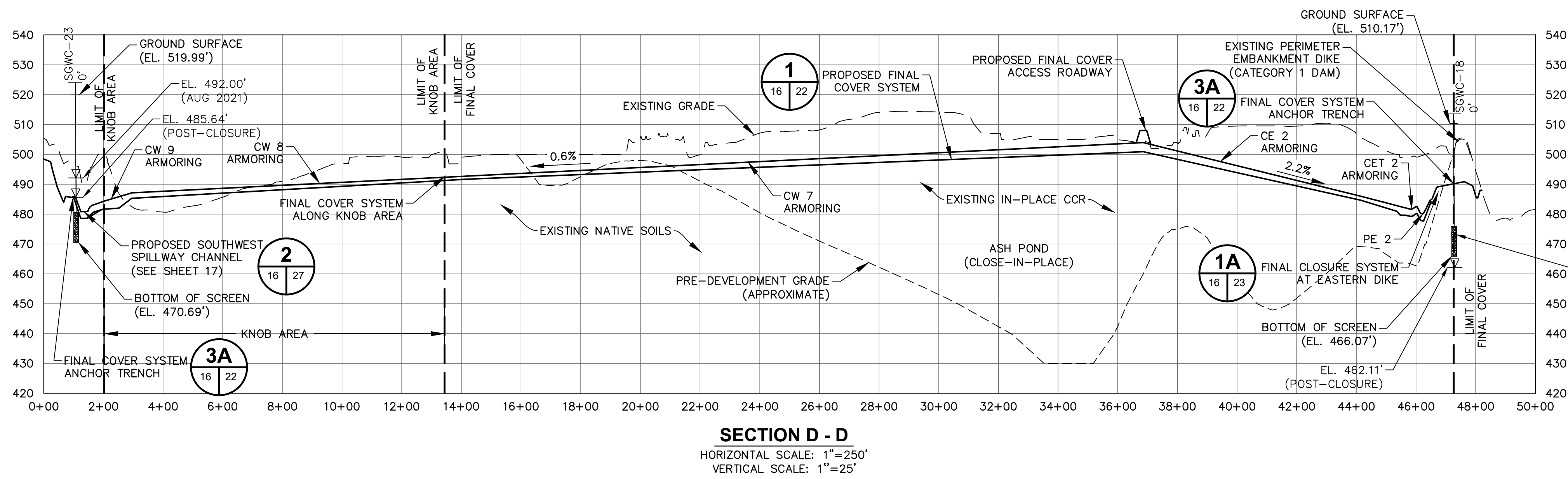
PROPOSED ASH POND CROSS SECTIONS I			
CCR CLOSURE FOR GEORGIA POWER PLANT SCHERER ASH POND-1 MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM	DWG.	NA	REVISION 1
PROJ. NO.: 60563110	SCALE: AS SHOWN	SHEET 15 OF 34	
DATE: 09/02/2022			

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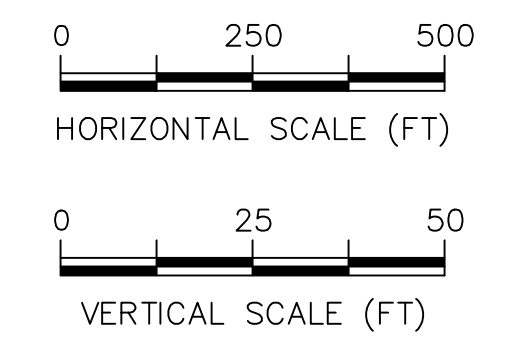
**SECTION C - C**  
HORIZONTAL SCALE: 1"=250'  
VERTICAL SCALE: 1"=25'



**SECTION D - D**  
HORIZONTAL SCALE: 1"=250'  
VERTICAL SCALE: 1"=25'

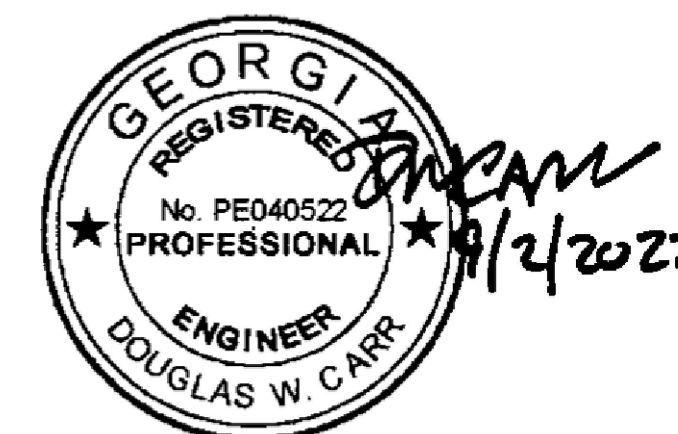
**NOTES**

1. HISTORICAL USGS TOPOGRAPHY IS REPRESENTED BY THE PRE-DEVELOPMENT GRADES SHOWN.
2. THE ELEVATIONS OF THE PROPOSED SUBGRADE ARE EQUIVALENT TO THE SUBGRADE OF THE ALTERNATIVE FINAL COVER SYSTEM GRADES.
3. SEE DETAILS 2 AND 3B ON SHEET 22 FOR ALTERNATIVE FINAL COVER SYSTEM AND ANCHOR TRENCH DETAILS.
4. SEE SHEET 27 FOR CHANNEL GEOMETRY AND ARMORING SCHEDULE.



AUGUST 2021 - WATER LEVEL BELOW TOP OF PUMP

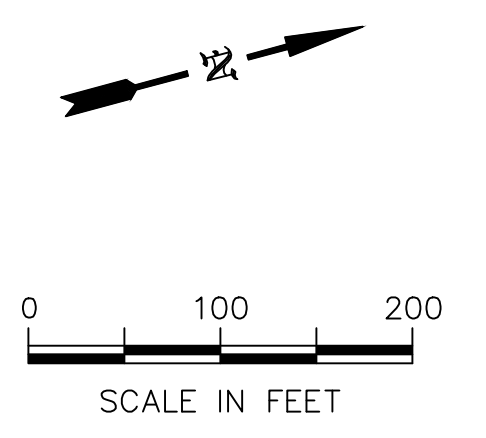
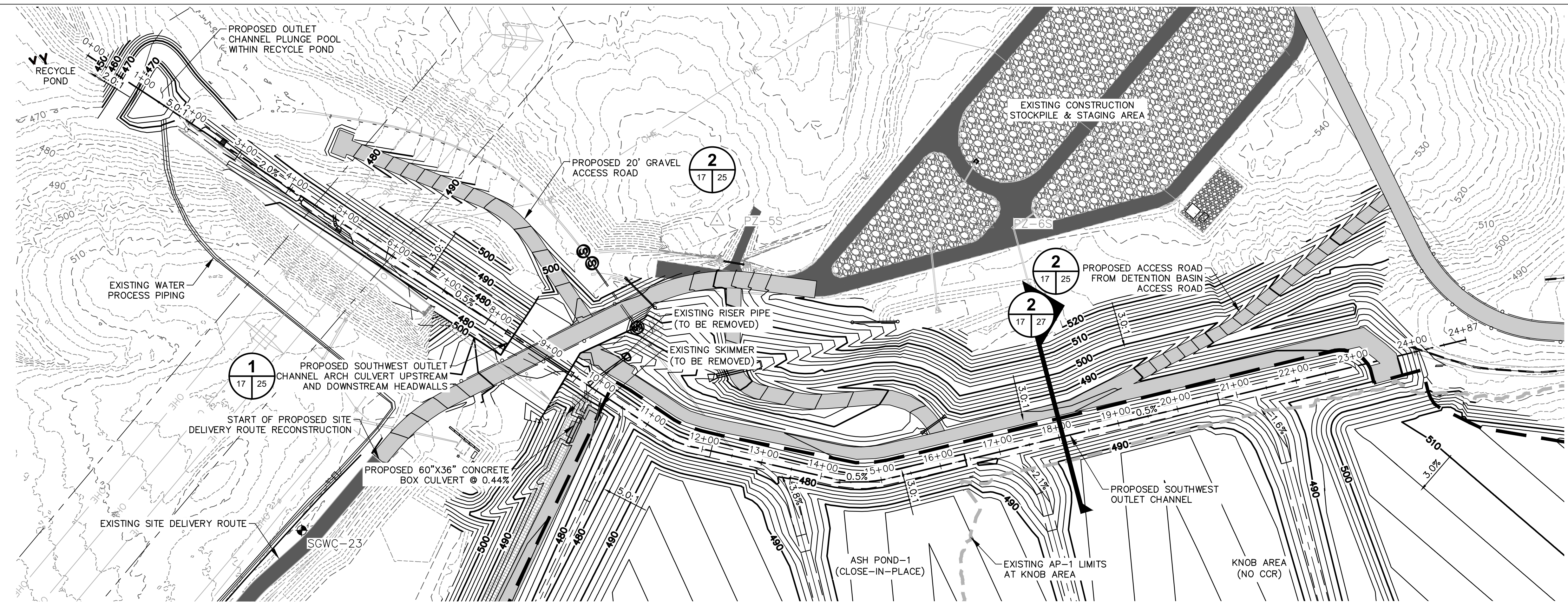
I HEREBY CERTIFY THAT I AM A QUALIFIED GROUNDWATER SCIENTIST, IN ACCORDANCE WITH THE RULES OF SOLID WASTE MANAGEMENT, AND 40 CFR PAR 258.50(G). A QUALIFIED GROUNDWATER SCIENTIST IS A SCIENTIST OR ENGINEER WHO HAS RECEIVED A BACCALAUREATE OR POST-GRADUATE DEGREE IN THE NATURAL SCIENCES OR ENGINEERING AND HAS SUFFICIENT TRAINING AND EXPERIENCE IN GROUNDWATER HYDROLOGY AND RELATED FIELDS AS MAY BE DEMONSTRATED BY STATE REGISTRATION, PROFESSIONAL CERTIFICATIONS, OR COMPLETION OF ACCREDITED UNIVERSITY PROGRAMS THAT ENABLE INDIVIDUALS TO MAKE SOUND PROFESSIONAL JUDGEMENTS REGARDING GROUNDWATER MONITORING, CONTAMINANT FATE AND TRANSPORT, AND CORRECTIVE ACTION. THE POST-CLOSURE WATER LEVELS SHOWN ON THIS SHEET ARE ESTIMATED FROM A NUMERICAL GROUNDWATER MODEL DEVELOPED BY AN AECOM GROUNDWATER SCIENTIST. THE PRE-CLOSURE WATER LEVELS SHOWN ON THIS PLAN ARE FROM THE PLANT SCHERER ASH POND 1 WELL NETWORK DESIGNED BY OTHERS.



PROPOSED ASH POND CROSS SECTIONS II			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM	PROJ. NO.: 60563110	DWG. NA	EDIT REVISION 1
SCALE: AS SHOWN	SHEET 16 OF 34		
DATE: 09/02/2022			

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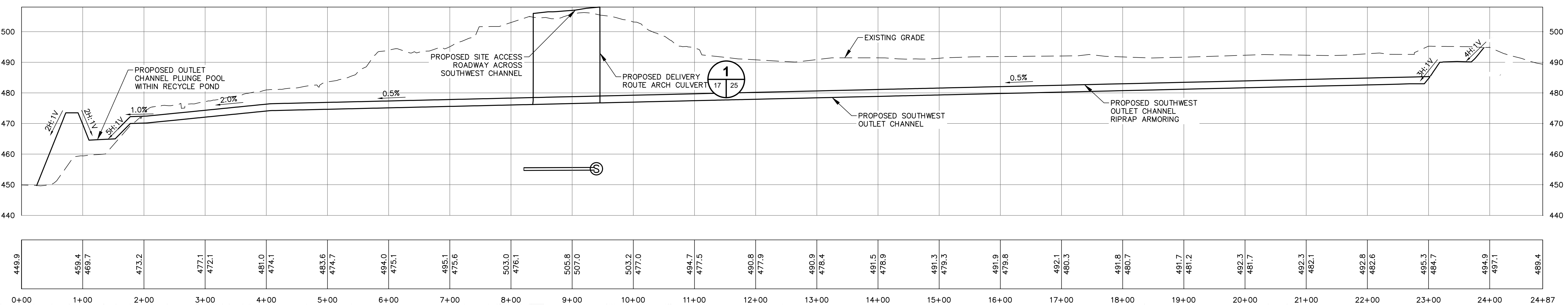
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- LEGEND**
- — — — — LIMITS OF FINAL CLOSURE
  - - - - - CHANNEL BOTTOM
  - — — — — CHANNEL CENTERLINE
  - o - o - o - PROPOSED GUARDRAIL

- NOTES**
1. SOUTHWEST OUTLET CHANNEL TO BE LINED WITH GDOT TYPE 3 RIPRAP AT A DEPTH OF 15-IN.
  2. SEE SHEET 27 FOR CHANNEL GEOMETRY AND ARMORING SCHEDULE.

**SOUTHWEST OUTLET CHANNEL PLAN**  
SCALE: 1"=100'



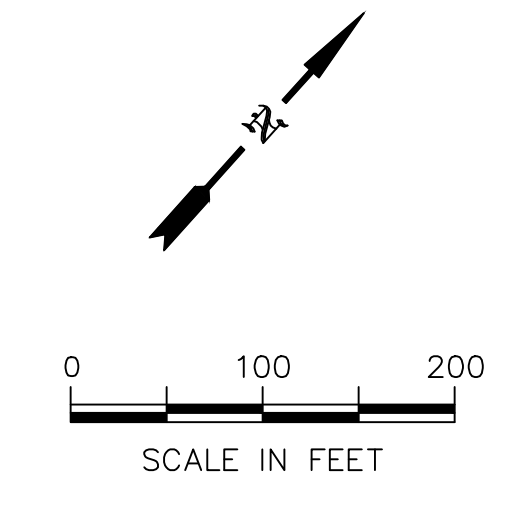
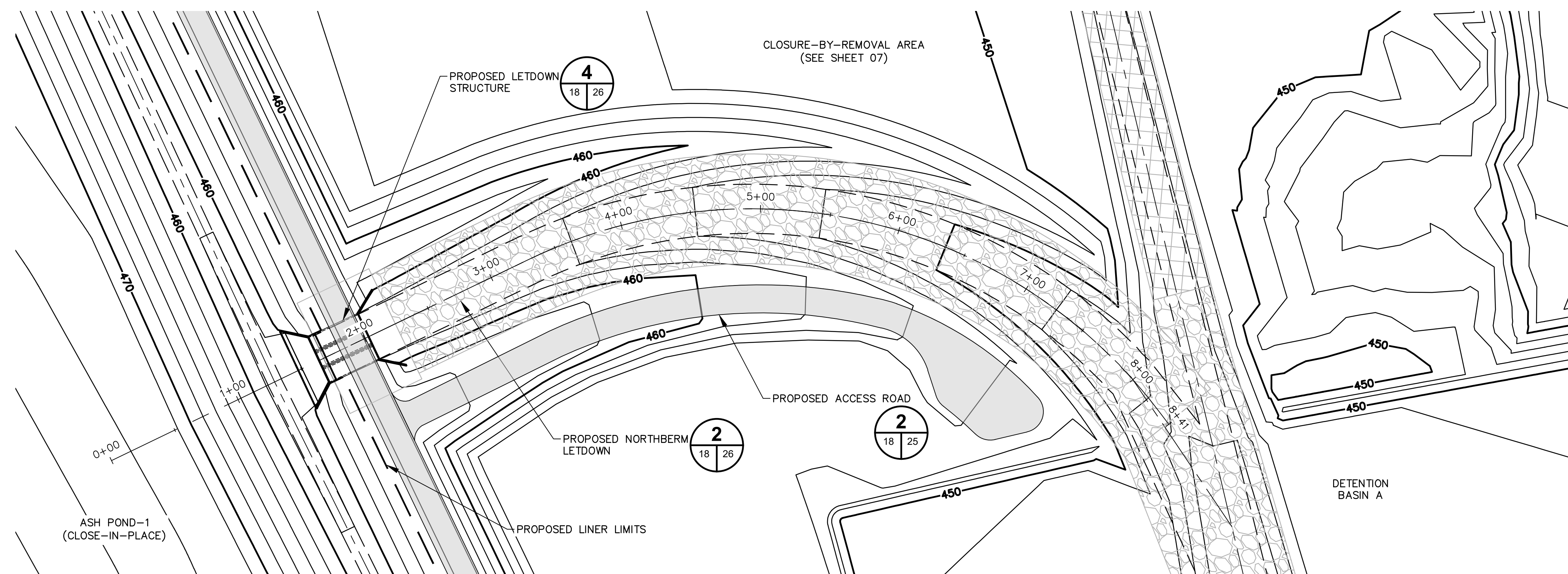
**SOUTHWEST OUTLET CHANNEL PROFILE**  
HORIZONTAL SCALE: 1"=80'  
VERTICAL SCALE: 1"=16'



SOUTHWEST OUTLET CHANNEL PLAN & PROFILE			
CCR CLOSURE FOR GEORGIA POWER PLANT SCHERER ASH POND-1 MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 1
SCALE: AS SHOWN	<b>SHEET 17 OF 34</b>		
DATE: 09/02/2022			

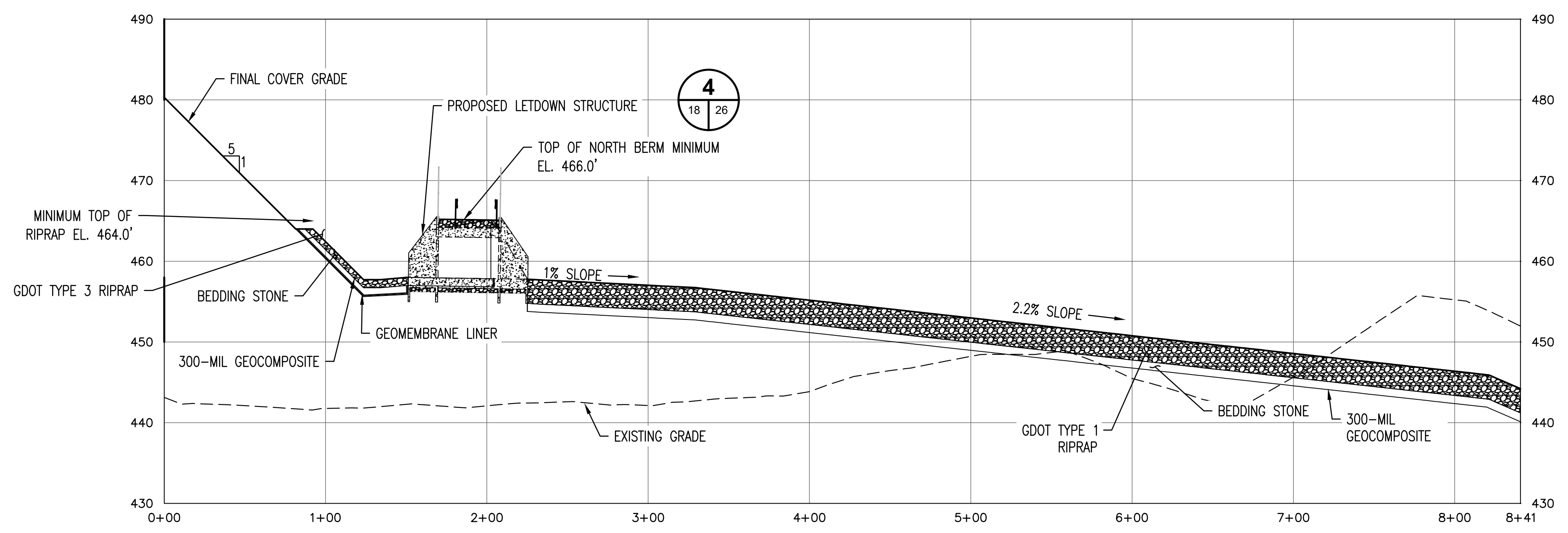
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L:\DCS\Projects\ENV\60563110\_SoCoSchere\900\_CAD\_GIS\7.0\_ACAD Drawings\Sheets\4 - 100% Permit Package\63110\_18\_Letdown PP.dwg User:matthew.deeds Sep 02, 2022 - 10:47am

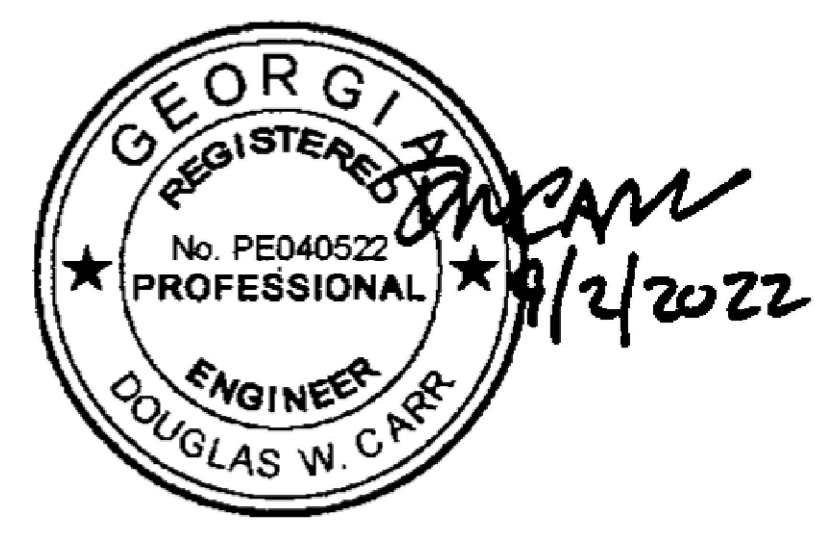


**NOTES**  
 1. THE EXISTING GRADE CONTOURS SHOWN REPRESENT APPROXIMATE SITE CONDITIONS AFTER THE COMPLETION OF THE NORTH AREA EXCAVATION.

**NORTH BERM LETDOWN PLAN**  
 HORIZONTAL SCALE: 1"=50'  
 VERTICAL SCALE: 1"=10'



**NORTH BERM LETDOWN PROFILE**  
 HORIZONTAL SCALE: 1"=50'  
 VERTICAL SCALE: 1"=10'

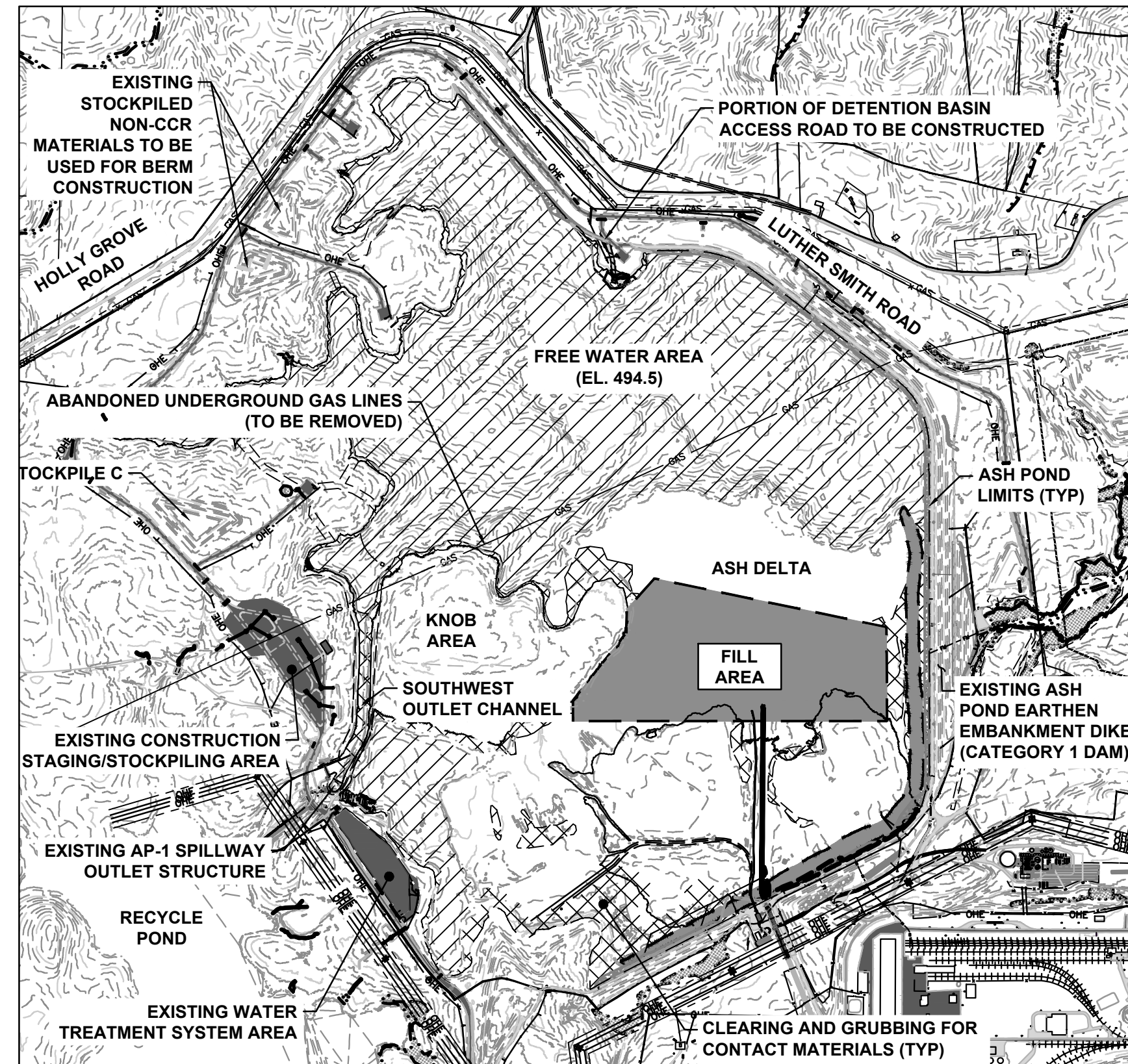


NORTH BERM LETDOWN PLAN & PROFILE			
CCR CLOSURE FOR GEORGIA POWER PLANT SCHERER ASH POND-1 MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM	PROJ. NO.: 60563110	DWG. NA	EDIT REVISION 1
SCALE: AS SHOWN	SHEET 18 OF 34		
DATE: 09/02/2022			

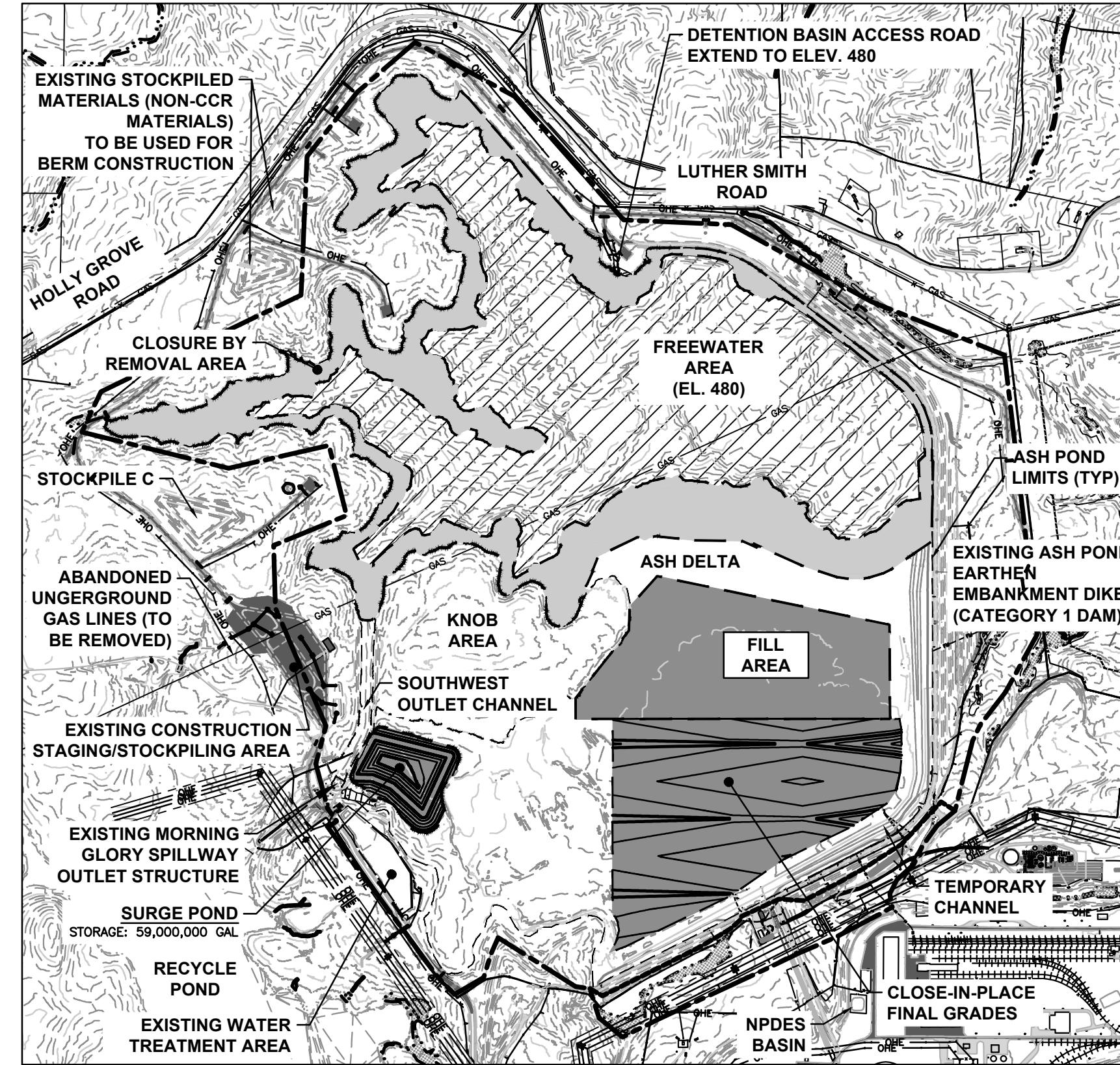
PERMIT DRAWING - NOT FOR CONSTRUCTION

**STAGE 0 ACTIVITIES:**

- CEASE ACTIVE ASH DISPOSAL
- INITIATE CLOSURE ACTIVITIES
- INSTALL EROSION AND SEDIMENT CONTROLS
- CONSTRUCT FREE WATER DECANT FORCEMAIN, INSTALL PLATFORMS FOR PUMPS, AND FREE WATER REMOVAL SYSTEM
- COMMENCE INSTALLATION OF TEMPORARY DEWATERING SYSTEM
- CONSTRUCT TEMPORARY BERMS TO DIVERT AND MANAGE STORMWATER RUN-ON
- COMMENCE REMOVAL OF FREE WATER FROM ASH POND AND REMOVE FREE WATER FROM SOUTHWEST POND AREA
- COMMENCE INITIAL GRADING ACTIVITIES OF CONSOLIDATED CLOSURE-IN-PLACE-IN-PLACE FOOTPRINT INCLUDING EASTERN CHANNEL
- COMMENCE CONSTRUCTION OF DETENTION BASIN ACCESS ROADWAY
- COMMENCE DEMOLITION AND REMOVAL OF SLUICE PIPING, PROCESS PIPING, COAL RUNOFF PIPING, SLUICE PIPE BRIDGE, BORAL SILO FOUNDATIONS, WELLS AND PIEZOMETERS, AND ABANDONED UNDERGROUND GAS LINE
- CLEAR AND GRUB CCR CONTACT MATERIALS ALONG THE ASH POND PERIMETER AND WITHIN THE POND FOOTPRINT
- CLEAR AND GRUB NON-CR CONTACT MATERIALS DENOTED ON THE EXISTING CONDITIONS PLAN



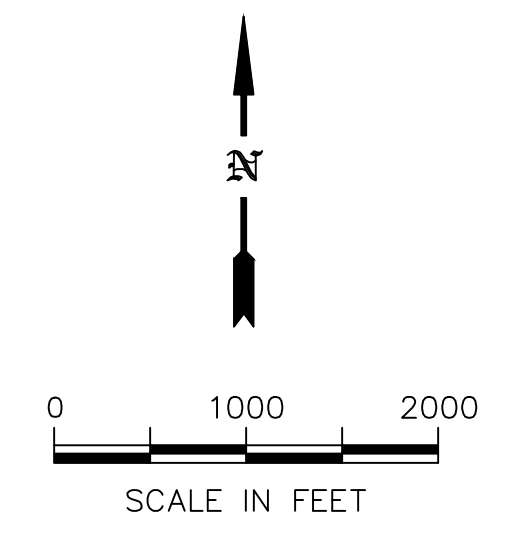
**STAGE 0**  
SCALE: 1"=1000'



**STAGE 1**  
SCALE: 1"=1000'

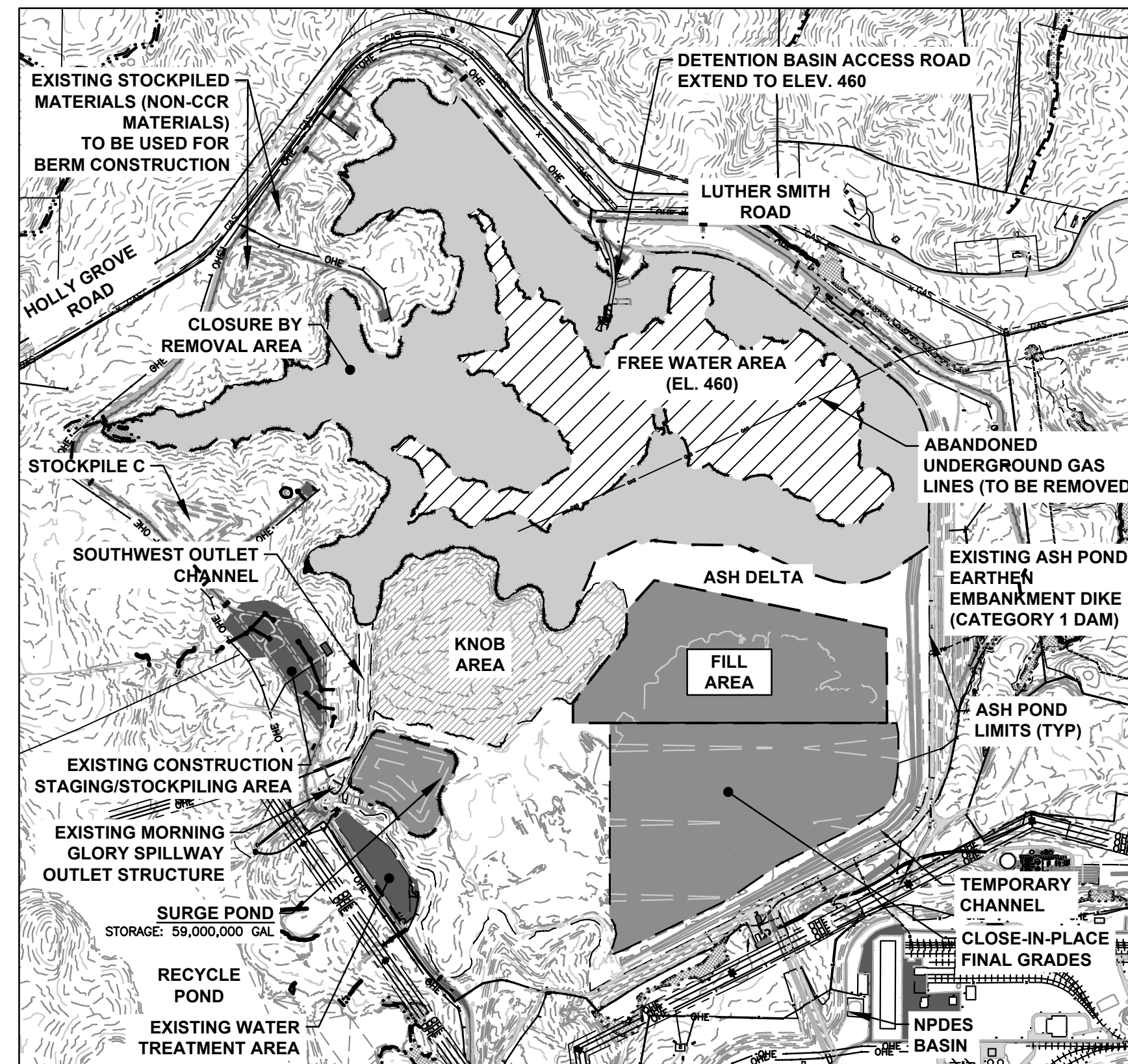
**STAGE 1 ACTIVITIES:**

- CONTINUE TO REMOVE FREEWATER FROM ASH POND TO EL. 480 FEET
- COMMENCE REMOVAL OF CCR WITHIN THE CLOSURE-BY-REMOVAL AREA
- CONTINUE TEMPORARY DEWATERING ACTIVITIES FOR CONSTRUCTION PURPOSES
- CONTINUE CONSTRUCTION OF EARTHEN BERMS AND OTHER TEMPORARY CONSTRUCTION STORMWATER MANAGEMENT ITEMS
- CONTINUE CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT GRADING TO ACHIEVE SUBGRADE FOR FINAL COVER SYSTEM
- COMMENCE AND COMPLETE CONSTRUCTION OF TEMPORARY WATER MANAGEMENT SURGE POND
- CONTINUE TO CONSTRUCT AND MAINTAIN EROSION AND SEDIMENT CONTROLS
- CONTINUE DETENTION BASIN ACCESS ROADWAY CONSTRUCTION AS FREE WATER IS REMOVED AND CLOSURE-BY-REMOVAL ACTIVITIES ARE COMPLETED
- COMMENCE DEMOLITION OF FABRIFORM/WAVE PROTECTION ALONG ASH POND DIKE PERIMETER AS FREE WATER IS REMOVED AND EXCAVATION PROGRESSES TO PROPOSED GRADE. ALTERNATIVELY, FABRIFORM REMOVAL MAY BE DELAYED UNTIL ALL OF THE FREE WATER IS REMOVED IN A LATER STAGE

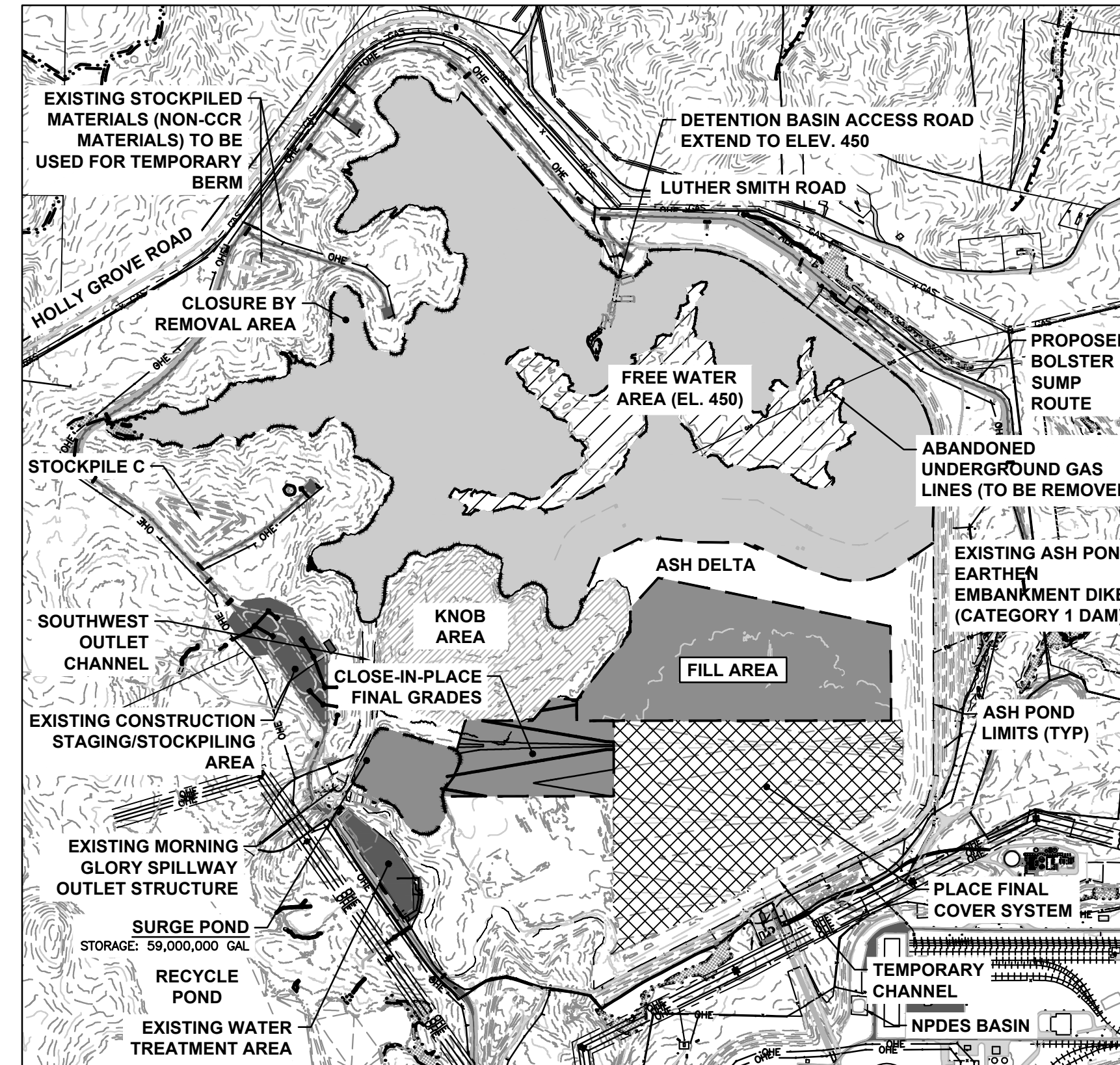


**STAGE 2 ACTIVITIES:**

- CONTINUE TO REMOVE FREE WATER FROM ASH POND TO EL. 460 FEET
- CONTINUE REMOVAL OF CCR WITHIN CLOSURE-BY-REMOVAL AREA AND PLACEMENT WITHIN THE CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT FILL AREA
- CONTINUE TEMPORARY DEWATERING ACTIVITIES FOR CONSTRUCTION PURPOSES
- CONTINUE CONSTRUCTION AND MAINTENANCE OF TEMPORARY CONSTRUCTION STORMWATER MANAGEMENT ITEMS
- CONTINUE CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT GRADING TO ACHIEVE SUBGRADE FOR FINAL COVER SYSTEM
- CONTINUE DETENTION BASIN ACCESS ROADWAY CONSTRUCTION
- CONTINUE DEMOLITION OF FABRIFORM ALONG ASH POND DIKE PERIMETER AS FREE WATER IS REMOVED AND CLOSURE-BY-REMOVAL EXCAVATION PROGRESSES. ALTERNATIVELY, FABRIFORM REMOVAL MAY BE DELAYED UNTIL ALL OF THE FREE WATER IS REMOVED IN A LATER STAGE



**STAGE 2**  
SCALE: 1"=1000'



**STAGE 3**  
SCALE: 1"=1000'

**STAGE 3 ACTIVITIES:**

- CONTINUE TO REMOVE FREE WATER FROM ASH POND TO EL. 450 FEET
- CONTINUE REMOVAL OF CCR WITHIN CLOSURE-BY-REMOVAL AREA AND PLACEMENT WITHIN THE CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT FILL AREA
- CONTINUE TEMPORARY DEWATERING ACTIVITIES FOR CONSTRUCTION PURPOSES
- CONTINUE CONSTRUCTION AND MAINTENANCE OF TEMPORARY CONSTRUCTION STORMWATER MANAGEMENT ITEMS
- CONTINUE CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT GRADING TO ACHIEVE SUBGRADE FOR FINAL COVER SYSTEM
- CONTINUE DETENTION BASIN ACCESS ROADWAY CONSTRUCTION
- COMMENCE PLACEMENT OF FINAL COVER SYSTEM WITHIN COMPLETED SUBGRADE AREAS OF CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT AND INSTALLATION OF NON-CR CONTACT STORMWATER MANAGEMENT FEATURES IN COMPLETED FINAL COVER SYSTEM AREAS
- CONTINUE DEMOLITION OF FABRIFORM ALONG ASH POND DIKE PERIMETER AS FREE WATER IS REMOVED AND CLOSURE-BY-REMOVAL EXCAVATION PROGRESSES. ALTERNATIVELY, FABRIFORM REMOVAL MAY BE DELAYED UNTIL ALL OF THE FREE WATER IS REMOVED IN A LATER STAGE
- COMMENCE CONSTRUCTION OF BOLSTER SUMP REROUTE

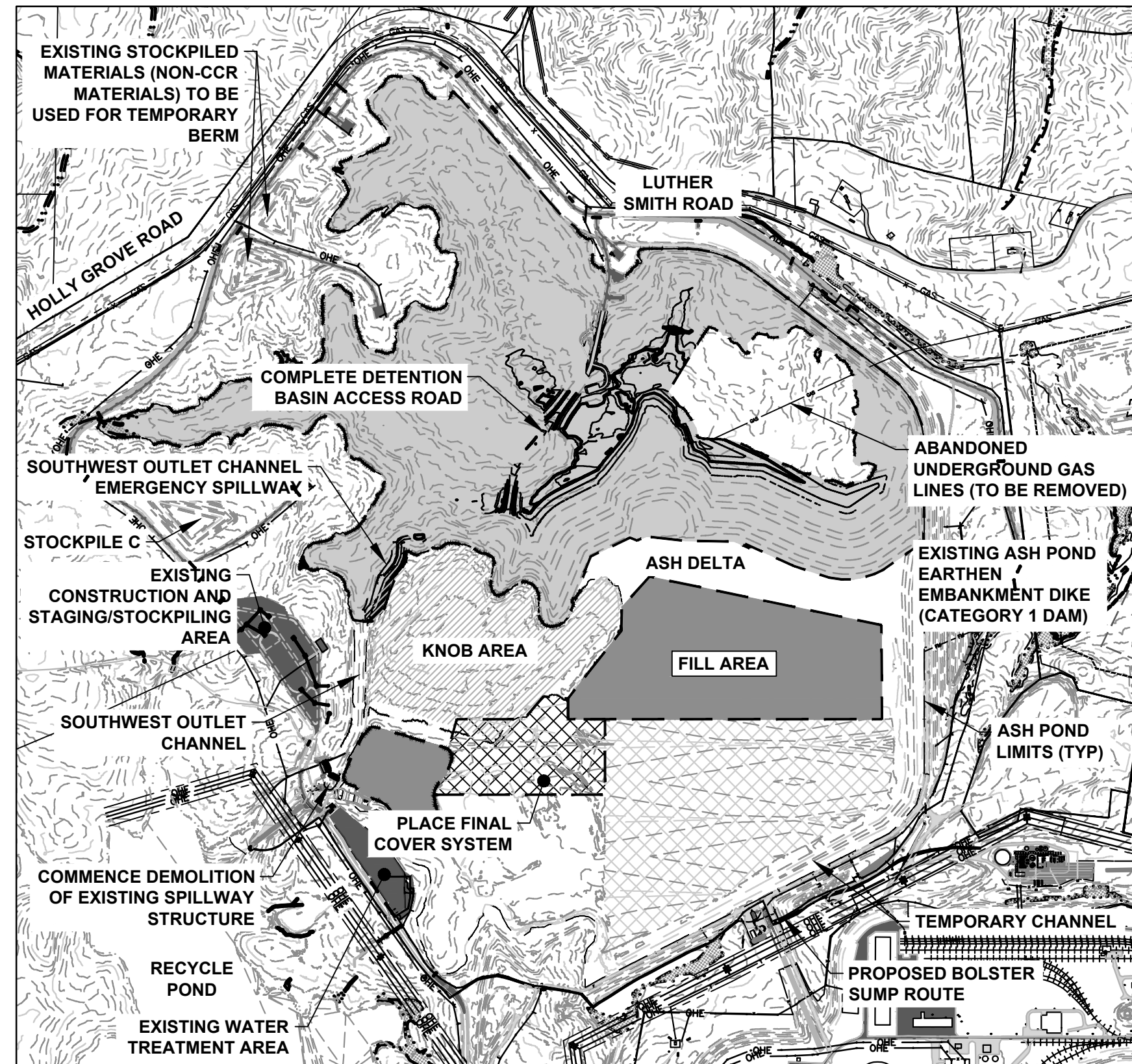


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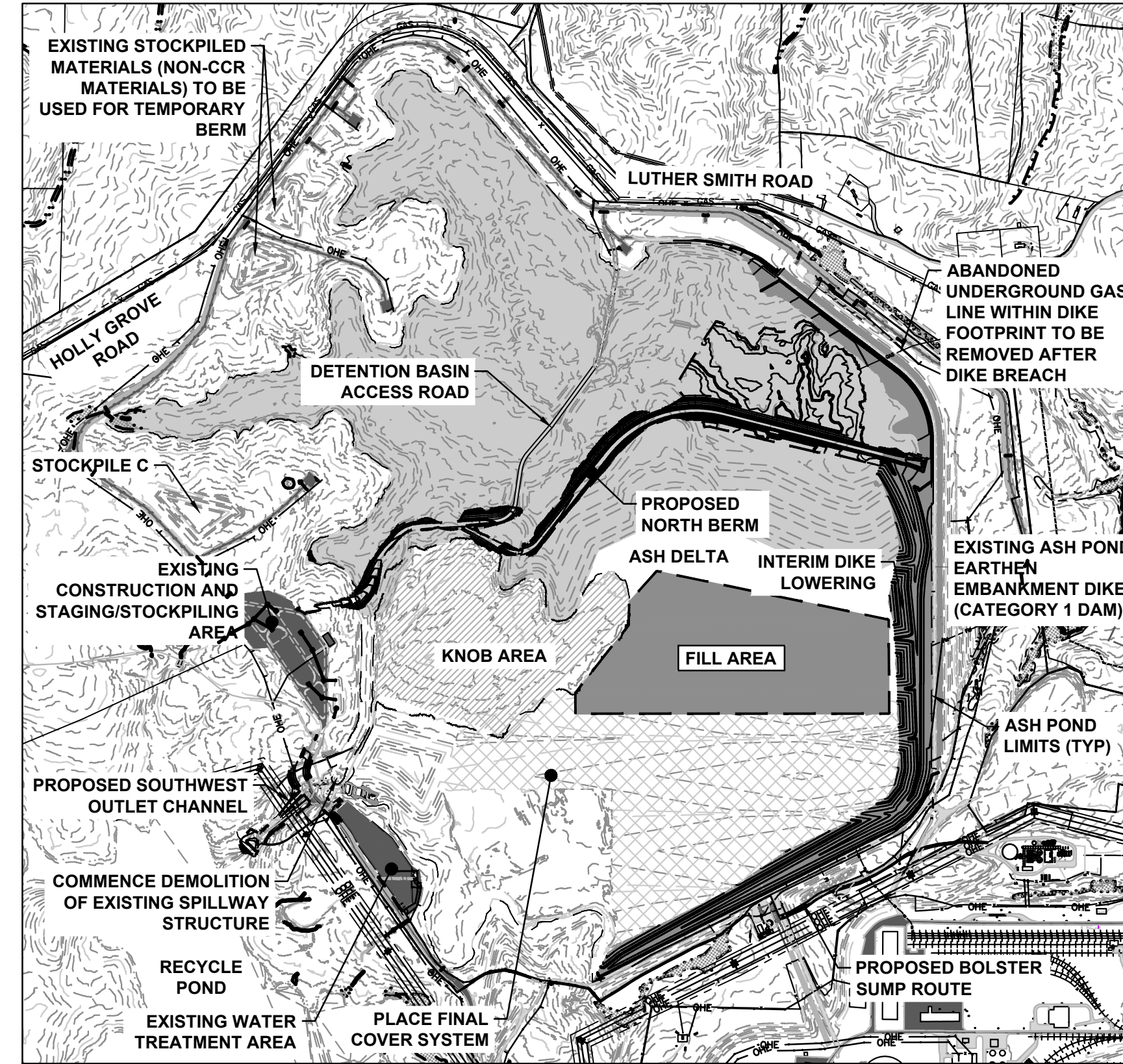
CONSTRUCTION SEQUENCING PLAN I			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM	PROJ. NO.: 60563110	DWG. NA	REVISION 1
SCALE: 1" = 1000'	SHEET 19 OF 34		
DATE: 09/02/2022			

**STAGE 4 ACTIVITIES:**

- COMPLETE FREE WATER REMOVAL WITHIN CLOSURE-BY-REMOVAL AREA AND COMMENCE CONTACT WATER MANAGEMENT IN THE CLOSURE-BY-REMOVAL AREA.
- CONTINUE CLOSURE-BY-REMOVAL EXCAVATION AND COMMENCE CLOSURE-BY-REMOVAL ACTIVITIES WITHIN NORTH BERM FOOTPRINT AREA.
- CONTINUE TEMPORARY DEWATERING ACTIVITIES FOR CONSTRUCTION PURPOSES
- CONTINUE CONSTRUCTION AND MAINTENANCE OF TEMPORARY CONSTRUCTION STORMWATER MANAGEMENT ITEMS
- CONTINUE CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT GRADING TO ACHIEVE SUBGRADE FOR FINAL COVER SYSTEM
- CONTINUE DETENTION BASIN ACCESS ROADWAY CONSTRUCTION
- CONTINUE FINAL COVER SYSTEM CONSTRUCTION WITHIN COMPLETED SUBGRADE AREAS OF CONSOLIDATED FOOTPRINT AND INSTALLATION AND MAINTENANCE OF NON-CONTACT STORMWATER MANAGEMENT FEATURES IN COMPLETED FINAL COVER SYSTEM AREAS
- COMPLETE DEMOLITION OF FABRIFORM ALONG ASH POND DIKE PERIMETER
- CONTINUE AND COMPLETE THE CONSTRUCTION OF THE BOLSTER SUMP ROUTE. EXISTING BOLSTER SUMP STRUCTURES OR FORCEMAINS TO BE DEMOLISHED AFTER CONSTRUCTION OF REROUTE IS COMPLETE.



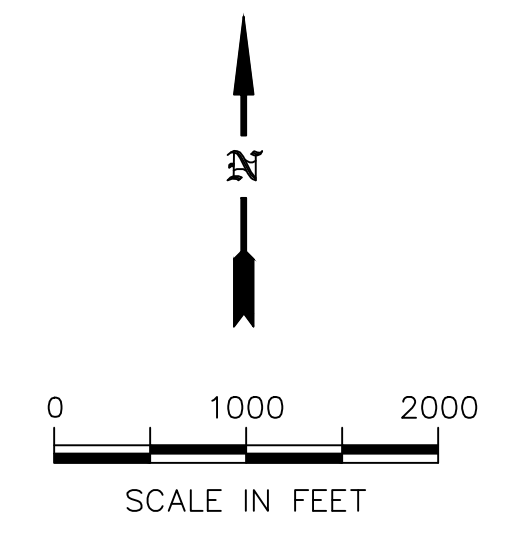
**STAGE 4**  
SCALE: 1"=1000'



**STAGE 5**  
SCALE: 1"=1000'

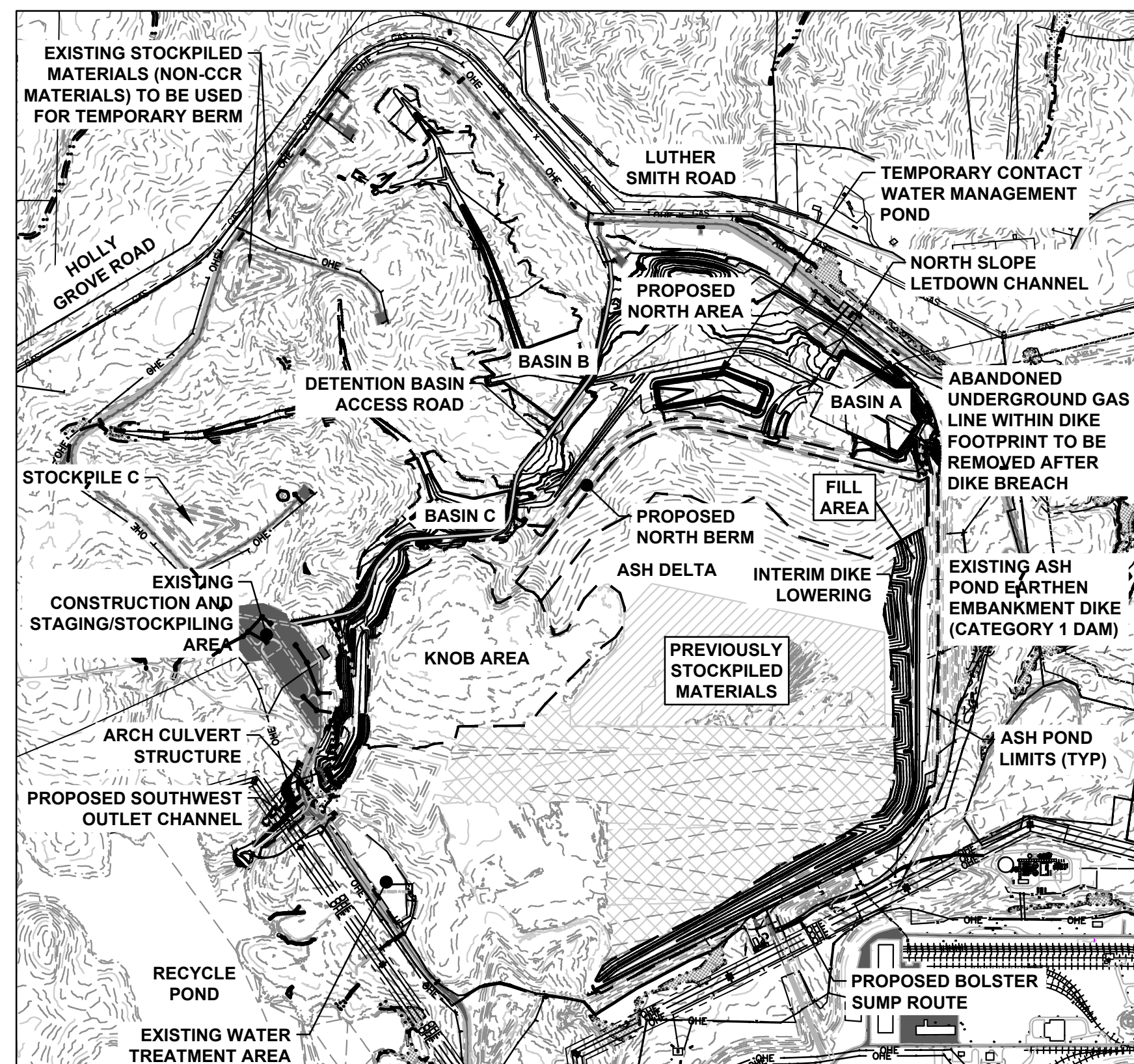
**STAGE 5 ACTIVITIES:**

- CONTINUE STORMWATER MANAGEMENT IN CLOSURE-BY-REMOVAL AND CONTINUE MANAGING CONTACT WATER
- CONTINUE CLOSURE-BY-REMOVAL EXCAVATION AND PLACEMENT WITHIN THE CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT FILL AREA
- CONTINUE TO MANAGE AND OPERATE TEMPORARY DEWATERING SYSTEM FOR CONSTRUCTION PURPOSES
- COMPLETE THE CONSTRUCTION OF THE DETENTION BASIN ACCESS ROAD
- COMMENCE AND COMPLETE CONSTRUCTION OF THE NORTH BERM
- COMMENCE CONSTRUCTION FOR THE SOUTHWEST OUTLET CHANNEL
- CONTINUE FINAL COVER SYSTEM CONSTRUCTION WITHIN COMPLETED SUBGRADE AREAS OF CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT AND INSTALLATION AND MAINTENANCE OF NON-CONTACT STORMWATER MANAGEMENT FEATURES IN COMPLETED FINAL COVER SYSTEM AREAS
- COMMENCE DEMOLITION OF THE EXISTING PRIMARY AND EMERGENCY SPILLWAY

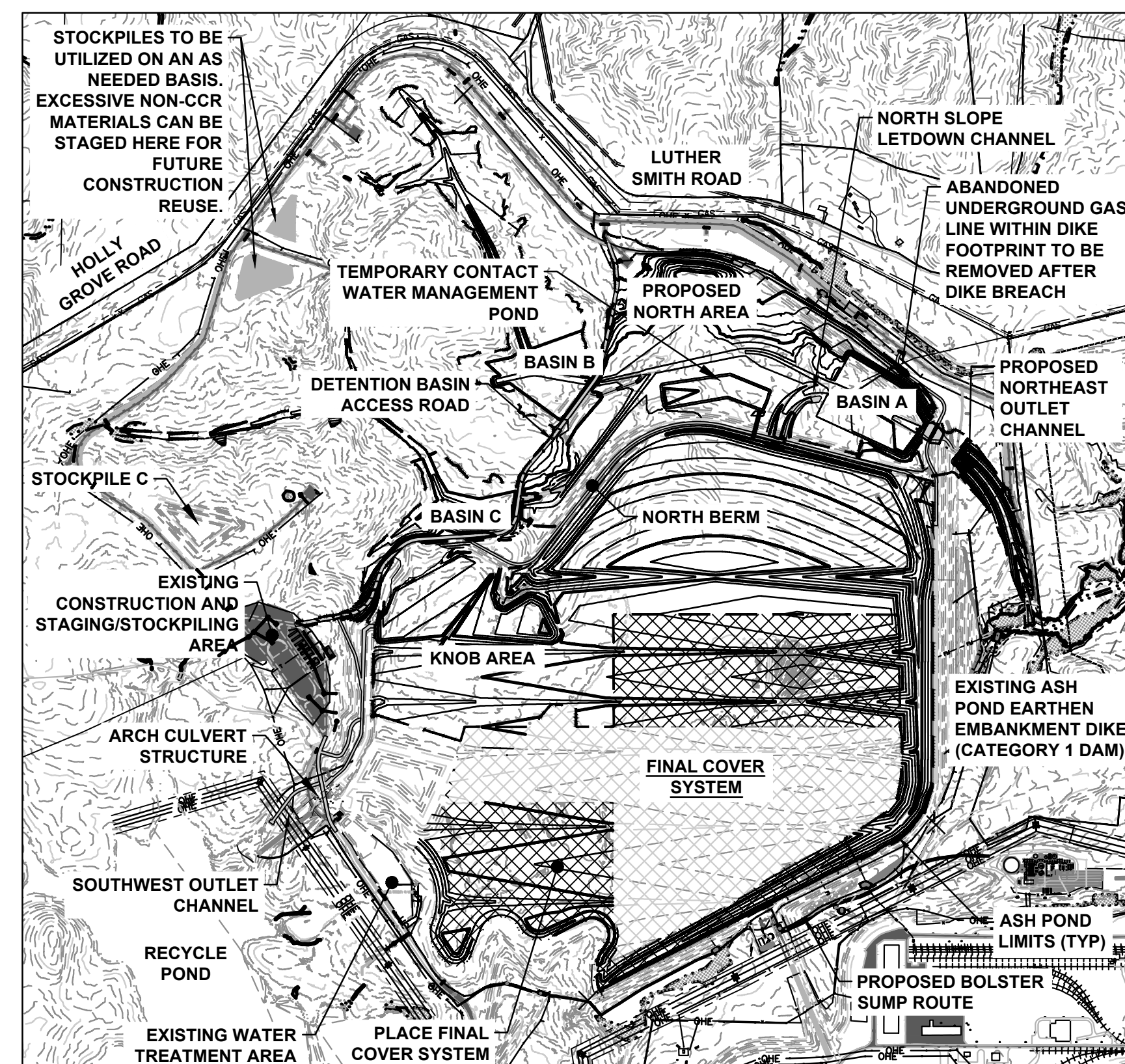


**STAGE 6 ACTIVITIES:**

- CONTINUE STORMWATER MANAGEMENT IN CLOSURE-BY-REMOVAL AND CONTINUE MANAGING CONTACT WATER
- CONTINUE TO MANAGE AND OPERATE TEMPORARY DEWATERING SYSTEM FOR CONSTRUCTION PURPOSES
- COMMENCE GRADING THE NORTH AREA TO FINAL POST-CLOSURE GRADES
- CONSTRUCT LETDOWN CHANNEL AND DETENTION BASIN A
- COMMENCE CONSTRUCTION OF DETENTION BASINS B AND C
- COMPLETE CONSTRUCTION OF THE DELIVERY ROUTE ROADWAY AND ARCH CULVERT STRUCTURE OVER THE SOUTHWEST OUTLET CHANNEL
- CONTINUE GRADING ACTIVITIES FOR THE EASTERN CHANNEL OF THE CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT
- COMPLETE DEMOLITION OF THE PRIMARY AND EMERGENCY SPILLWAY
- REMOVE PORTIONS OF THE WELLPOINT SYSTEM AS FILL PLACEMENT OCCURS WITHIN THE CLOSURE-IN-PLACE FOOTPRINT



**STAGE 6**  
SCALE: 1"=1000'



**STAGE 7**  
SCALE: 1"=1000'

**STAGE 7 ACTIVITIES:**

- CONTINUE STORMWATER MANAGEMENT IN CLOSURE-BY-REMOVAL AND CONTINUE MANAGING CONTACT WATER
- CONTINUE TO MANAGE AND OPERATE TEMPORARY DEWATERING SYSTEM FOR CONSTRUCTION PURPOSES
- COMPLETE GRADING IN THE NORTH AREA TO FINAL POST-CLOSURE GRADES
- COMPLETE CONSTRUCTION OF DETENTION BASINS B AND C
- COMMENCE AND COMPLETE THE NORTHEAST OUTLET CHANNEL TO WITHIN 100 FEET OF THE DIKE FOOTPRINT, DO NOT BREACH DIKE
- CONTINUE CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT GRADING TO ACHIEVE SUBGRADE FOR FINAL COVER SYSTEM
- CONTINUE PLACEMENT OF FINAL COVER SYSTEM WITHIN COMPLETED SUBGRADE AREAS OF CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT
- CONTINUE TO REMOVE PORTIONS OF TEMPORARY DEWATERING SYSTEM AS FINAL COVER SYSTEM SUBGRADES ARE ACHIEVED
- COMMENCE CONSTRUCTION OF COVER ACCESS ROADWAYS IN COMPLETED FINAL COVER AREAS

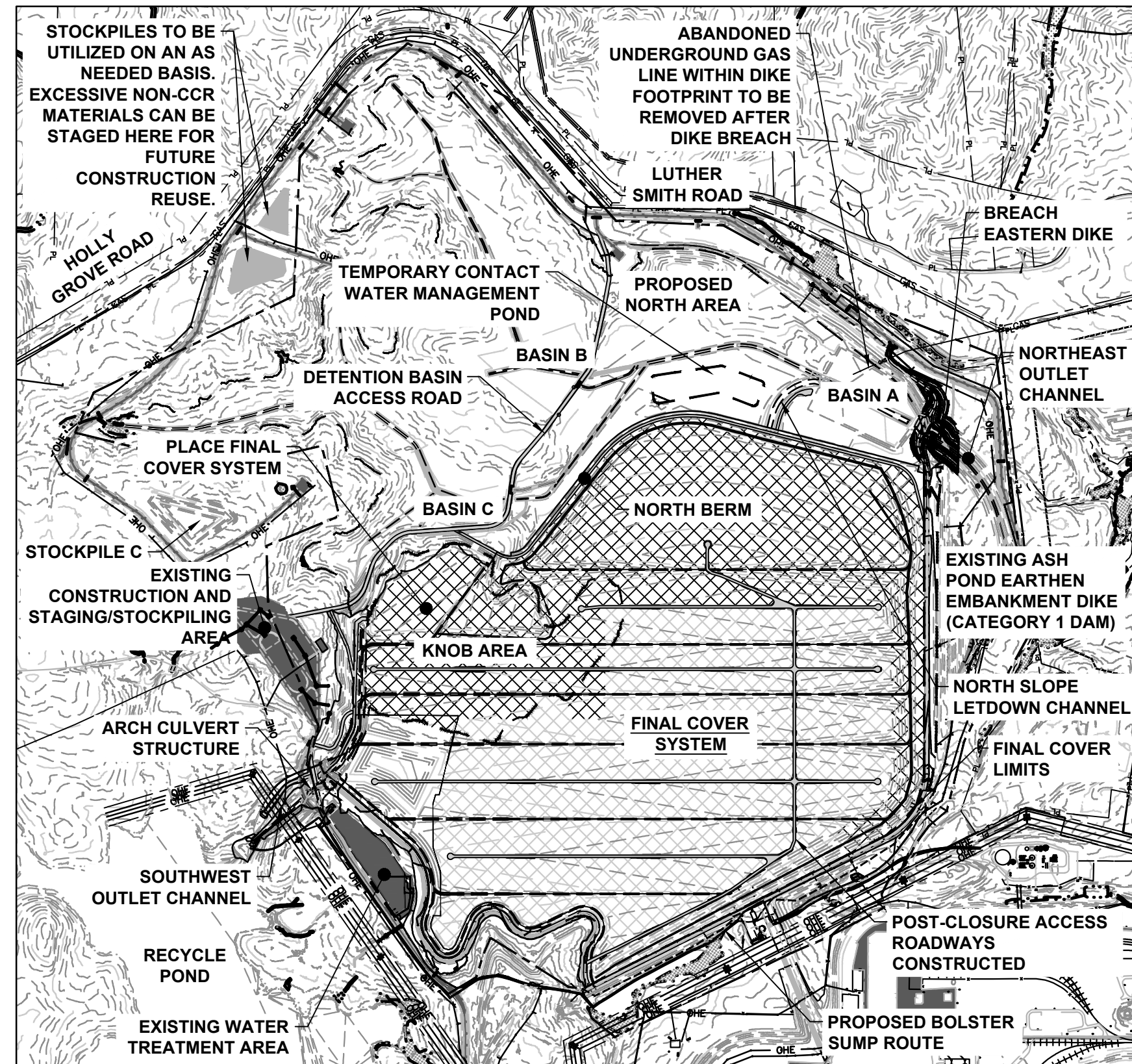


CONSTRUCTION SEQUENCING PLAN II			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 1
SCALE: NONE	<b>SHEET 20 OF 34</b>		
DATE: 09/02/2022			

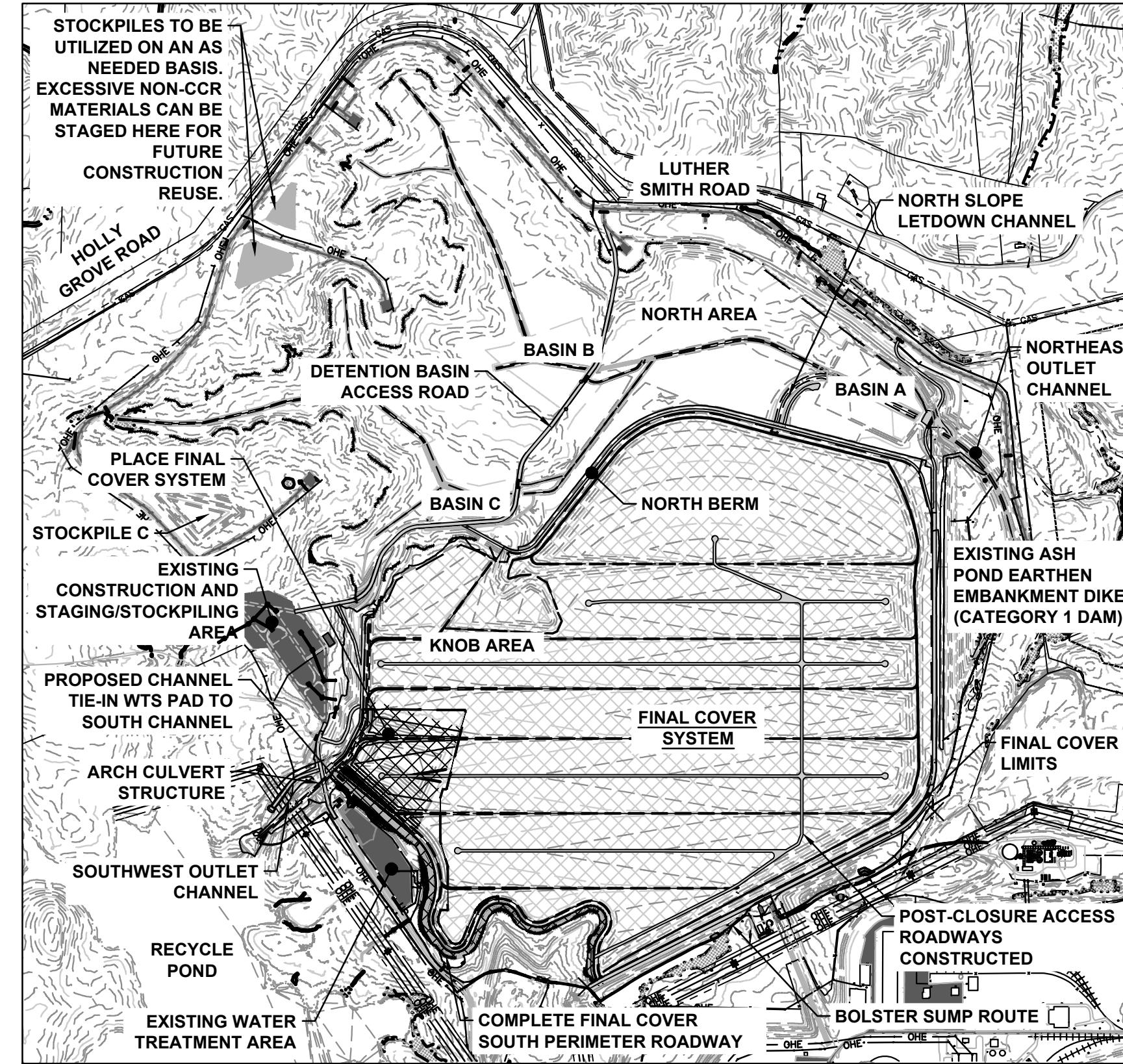
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**STAGE 8 ACTIVITIES:**

- CONTINUE STORMWATER MANAGEMENT IN CLOSURE-BY-REMOVAL PRIOR TO DIKE BREACH AND FOLLOWING DIKE BREACH ALLOW STABILIZED AREAS TO DISCHARGE TO BERRY CREEK
- CONTINUE MANAGING CONTACT WATER WITHIN THE CLOSURE-IN-PLACE FOOTPRINT
- CONTINUE CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT GRADING TO ACHIEVE SUBGRADE FOR FINAL COVER SYSTEM
- CONTINUE PLACEMENT OF FINAL COVER SYSTEM WITHIN COMPLETED SUBGRADE AREAS OF CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT
- CONTINUE TO REMOVE PORTIONS OF TEMPORARY DEWATERING SYSTEM AS FINAL COVER SYSTEM SUBGRADES ARE ACHIEVED
- BREACH EASTERN DIKE AT NORTHEAST OUTLET CHANNEL AFTER UPSTREAM AREAS OF FINAL COVER ARE COMPLETED
- COMMENCE CONSTRUCTION ON POST-CLOSURE ACCESS ROADWAYS ALONG NORTH, EASTERN AND SOUTH ASH POND PERIMETER
- COMMENCE PLACEMENT OF CHANNEL BEDDING AND ARMORING MATERIALS WITHIN THE CLOSURE-IN-PLACE FOOTPRINT
- CONTINUE CONSTRUCTION OF COVER ACCESS ROADWAYS IN COMPLETED FINAL COVER AREAS



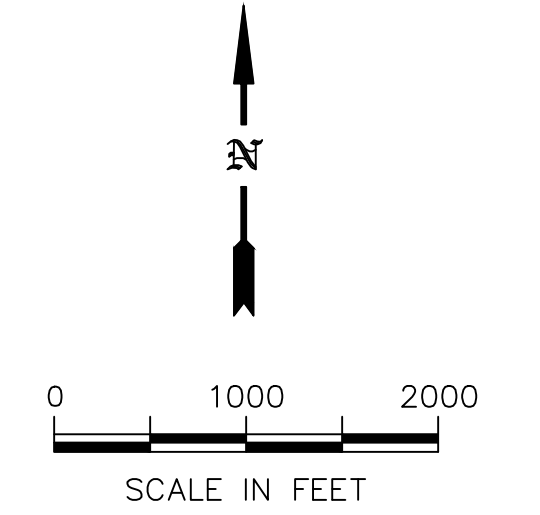
**STAGE 8**  
SCALE: 1"=1000'



**STAGE 9**  
SCALE: 1"=1000'

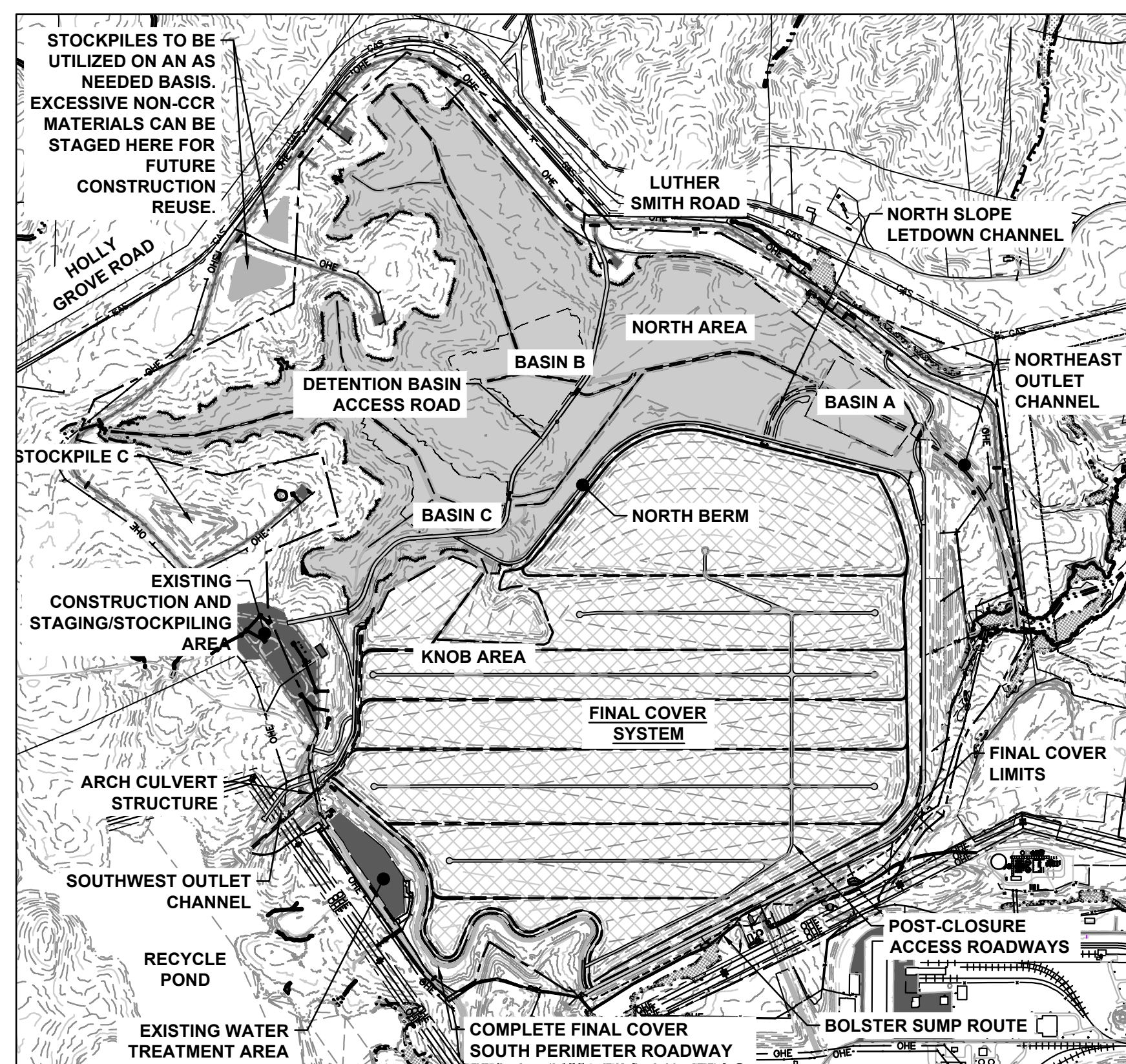
**STAGE 9 ACTIVITIES:**

- DEMOLISH AND REMOVE TEMPORARY WATER MANAGEMENT SURGE POND IN CLOSURE-BY-REMOVAL AREA
- PERFORM FINAL GRADING WITHIN THE CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT TO ACHIEVE SUBGRADE FOR FINAL COVER SYSTEM IN REMAINING REGION DENOTED ON PLANS
- CONTINUE TO REMOVE PORTIONS OF TEMPORARY DEWATERING SYSTEM AS FINAL COVER SYSTEM SUBGRADES ARE ACHIEVED
- COMPLETE PLACEMENT OF FINAL COVER SYSTEM WITHIN THE FINAL REGION DENOTED ON THE PLANS
- COMPLETE PLACEMENT OF CHANNEL BEDDING AND ARMORING MATERIALS WITHIN THE CLOSURE-IN-PLACE FOOTPRINT
- CONTINUE TO MANAGE NON-CONTACT WATER SYSTEMS UNTIL FINAL COVER IS COMPLETED
- COMPLETE FINAL COVER POST-CLOSURE ACCESS ROADS
- COMPLETE PLACEMENT OF CHANNEL BEDDING AND ARMORING MATERIALS
- PERFORM RESEEDING AS NEEDED TO STABILIZE ANY LOW VEGETATION AREAS



**STAGE 10 ACTIVITIES:**

- ASH POND 1 CLOSURE ACTIVITIES ARE COMPLETE
- TEMPORARY CONSTRUCTION FACILITIES ARE REMOVED
- EROSION AND SEDIMENT CONTROLS ARE REMOVED ONCE ALL DISTURBED AREAS ARE STABILIZED



**STAGE 10**  
SCALE: 1"=1000'



**Georgia Power**

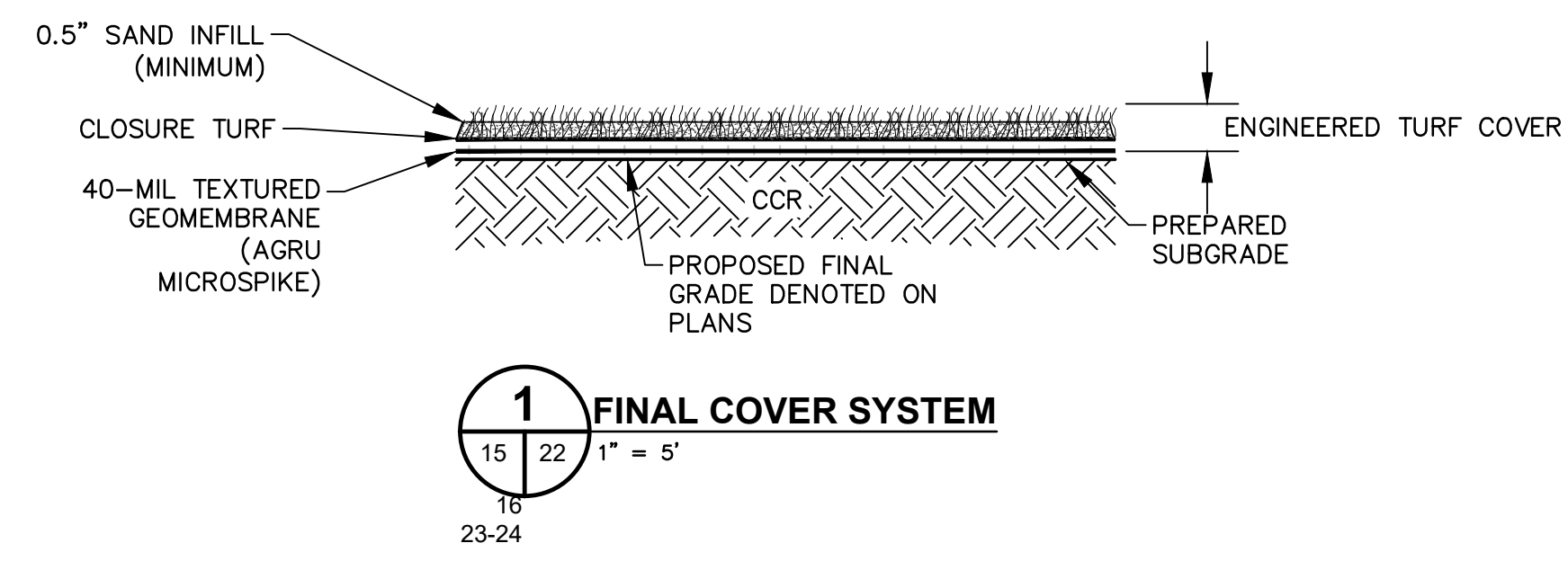


CONSTRUCTION SEQUENCING PLAN III			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM	PROJ. NO.: 60563110	DWG. NA	EDIT REVISION 1
SCALE: NONE	SHEET 21 OF 34		
DATE: 09/02/2022			

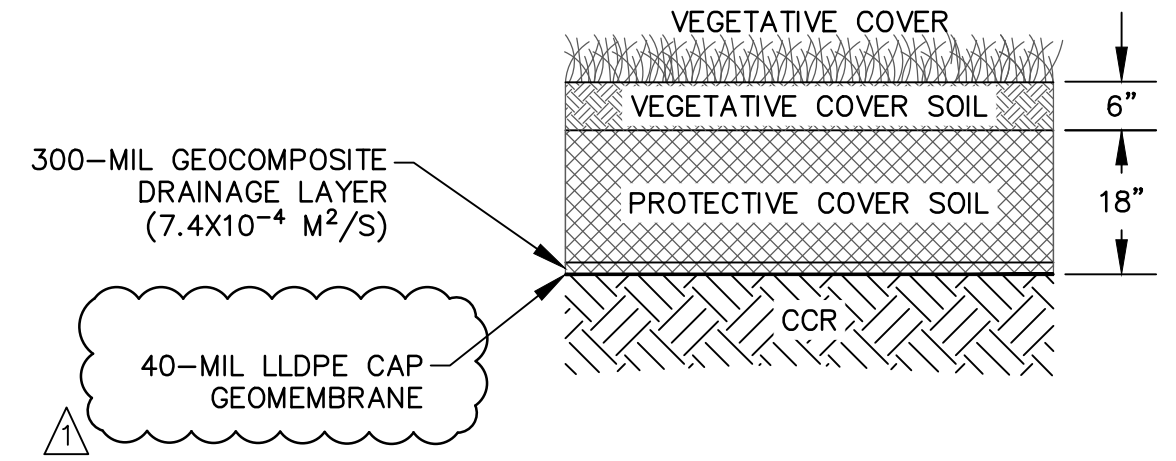
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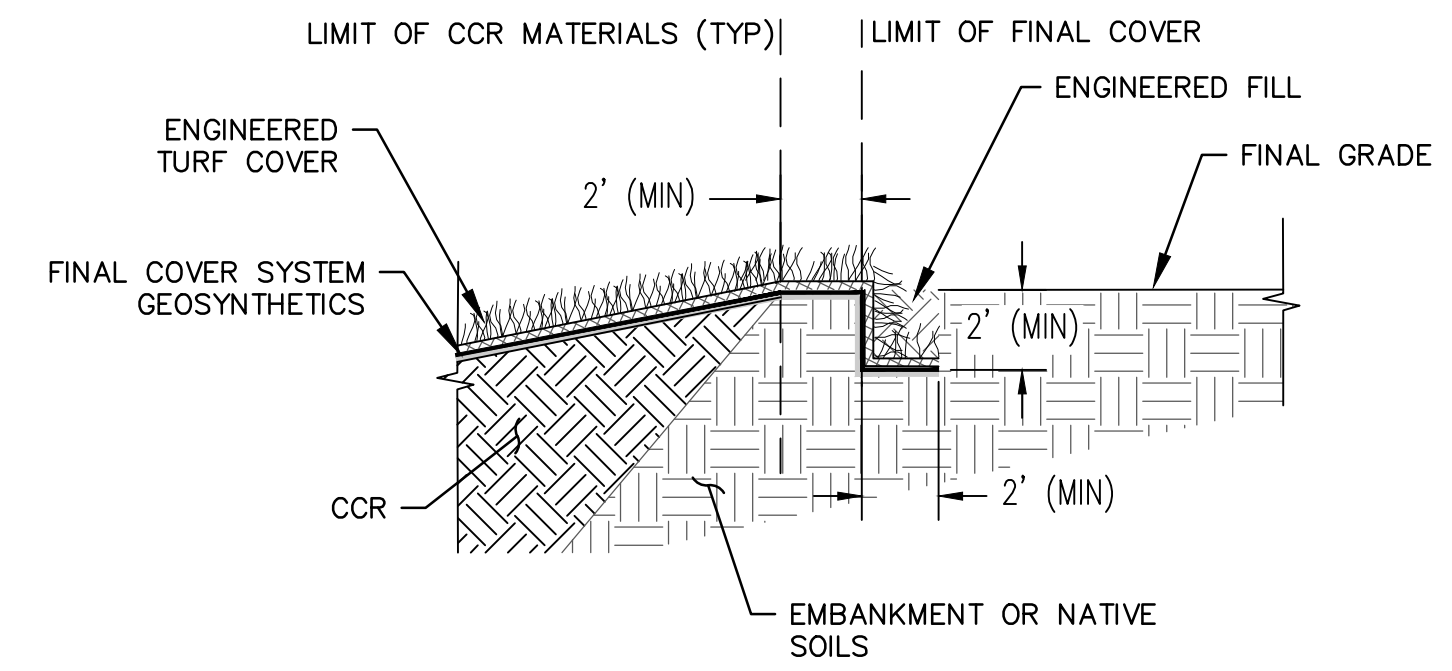
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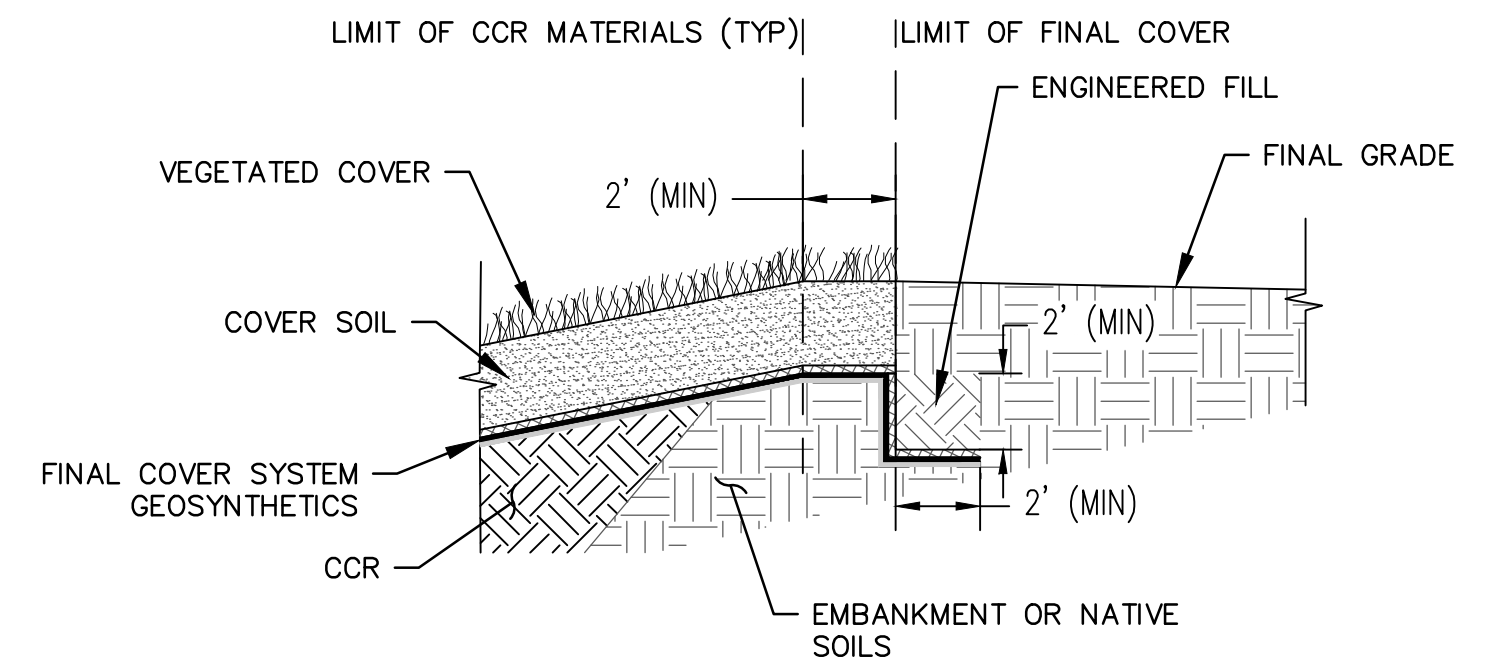
**1 FINAL COVER SYSTEM**  
15 22 1" = 5'  
16 23-24



**2 ALTERNATE FINAL COVER SYSTEM**  
15 22 1" = 2'  
16 23-24

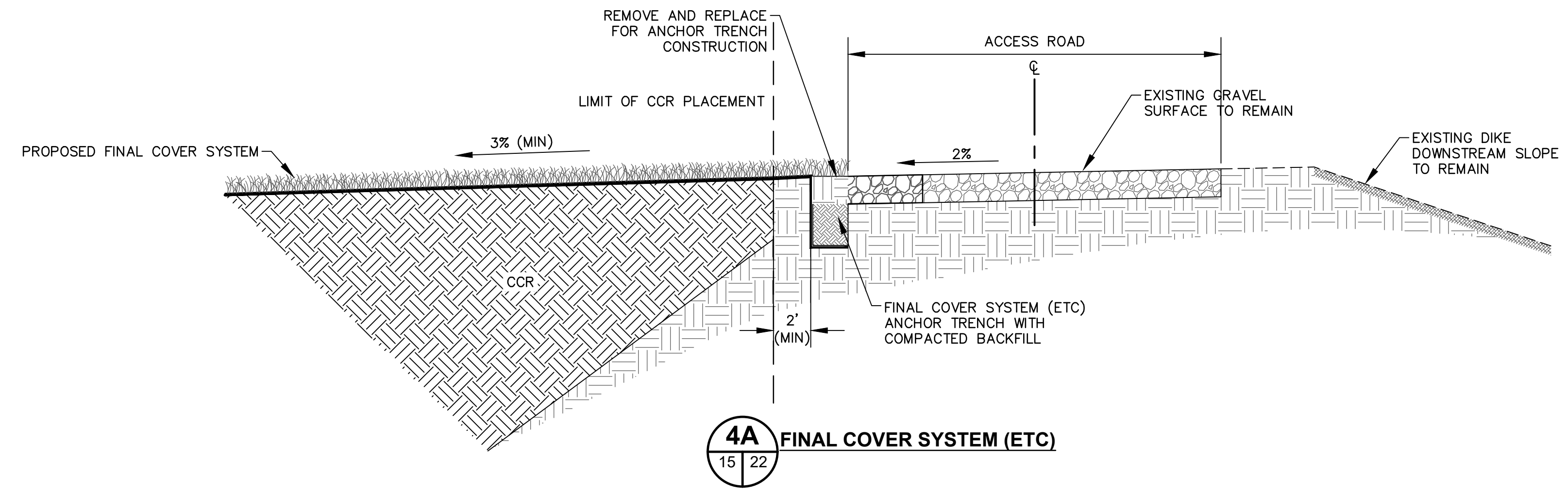


**3A FINAL COVER SYSTEM (ETC) ANCHOR TRENCH**  
15 22 1" = 5'  
16 23-24

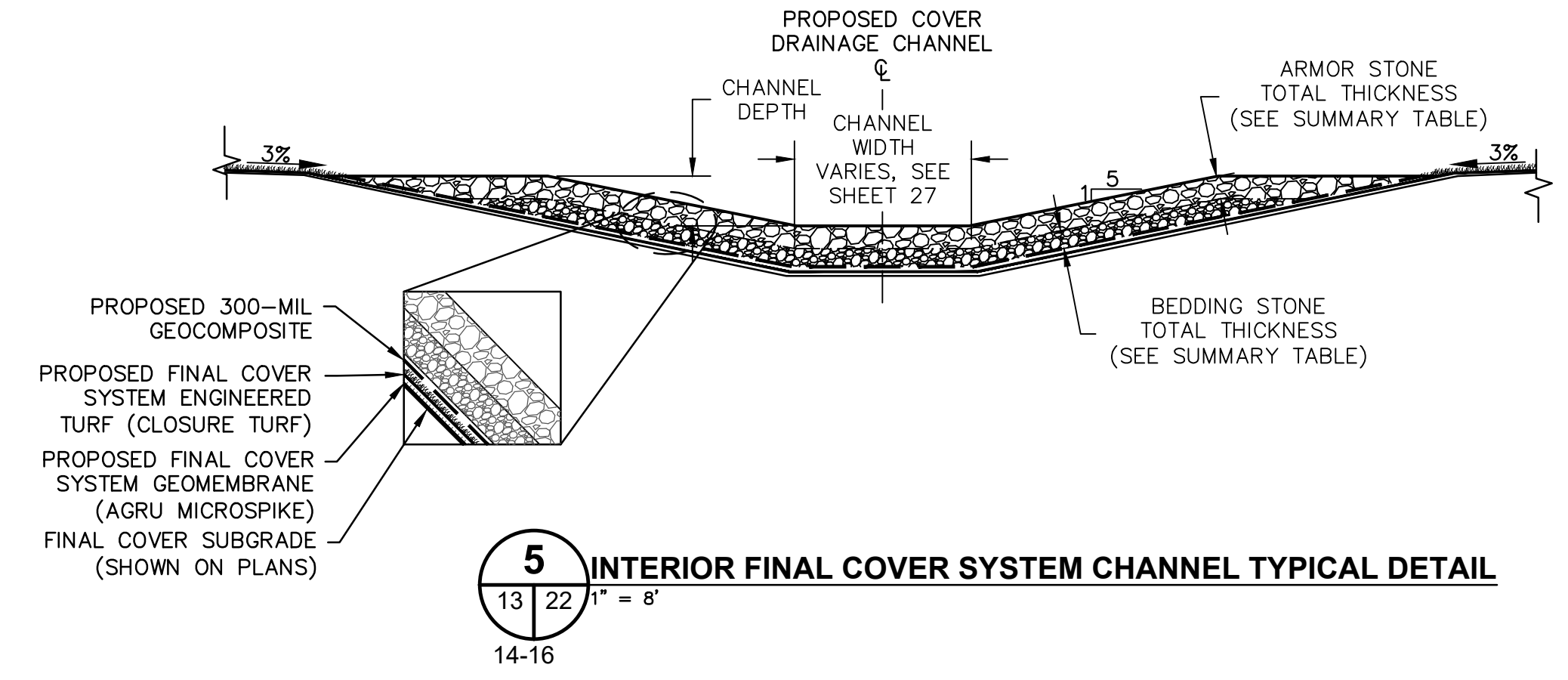


**3B ALTERNATIVE FINAL COVER SYSTEM (TRADITIONAL) ANCHOR TRENCH**  
15 22 1" = 5'  
16 23-24

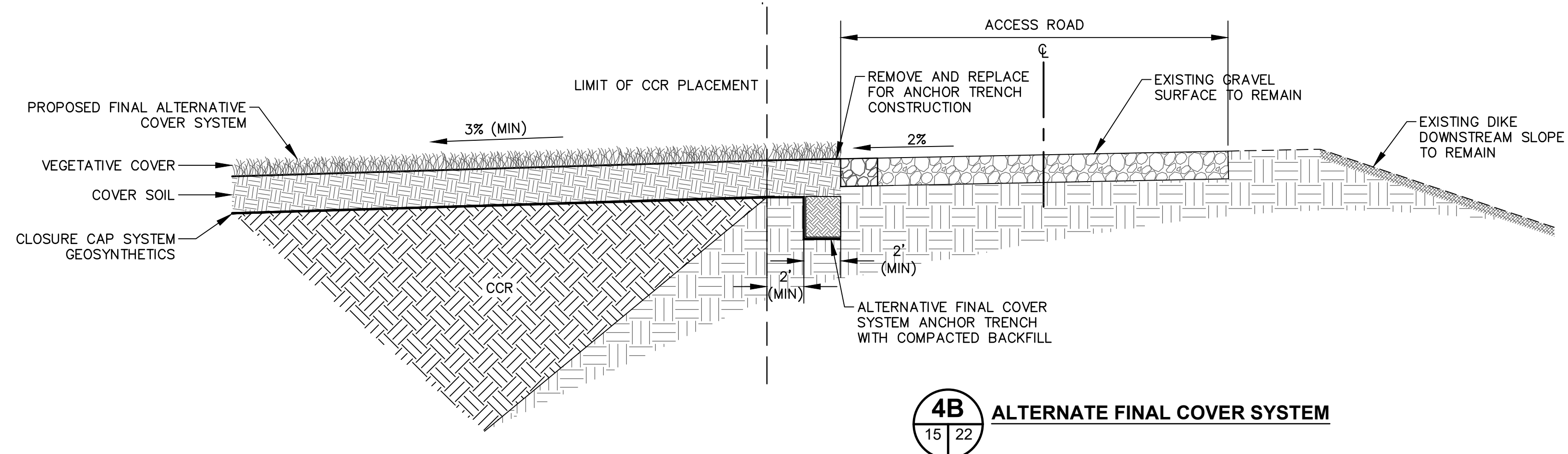
**3 FINAL COVER SYSTEM ANCHOR TRENCH**  
15 22 1" = 5'  
16 23-24



**4A FINAL COVER SYSTEM (ETC)**  
15 22



**5 INTERIOR FINAL COVER SYSTEM CHANNEL TYPICAL DETAIL**  
13 22 1" = 8'  
14-16



**4B ALTERNATE FINAL COVER SYSTEM**  
15 22

**4 FINAL COVER SYSTEM ALONG SOUTHERN EMBANKMENT**  
15 22 1" = 5'

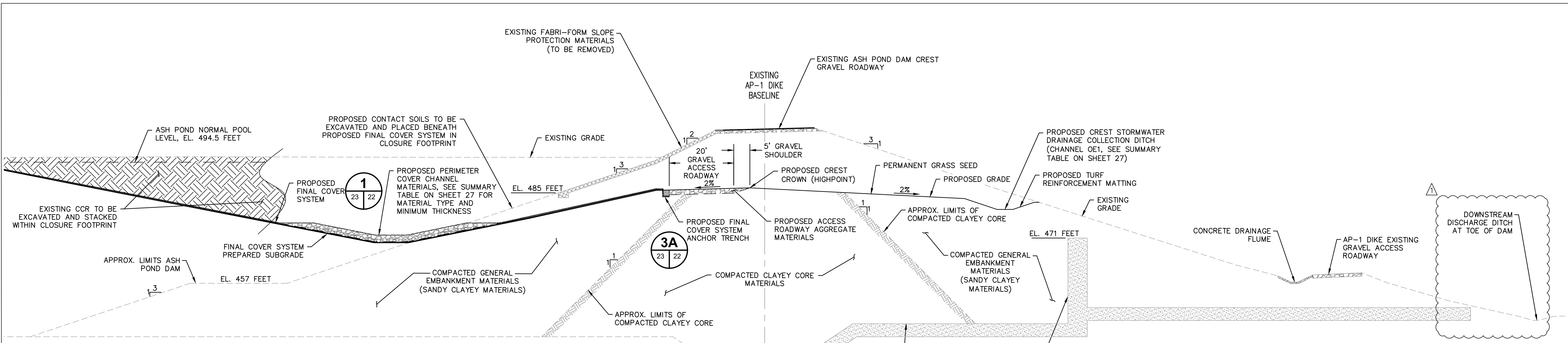
REV. 1 - PROVIDED THICKNESS & TYPE OF CAP GEOMEMBRANE FOR DETAIL 2.



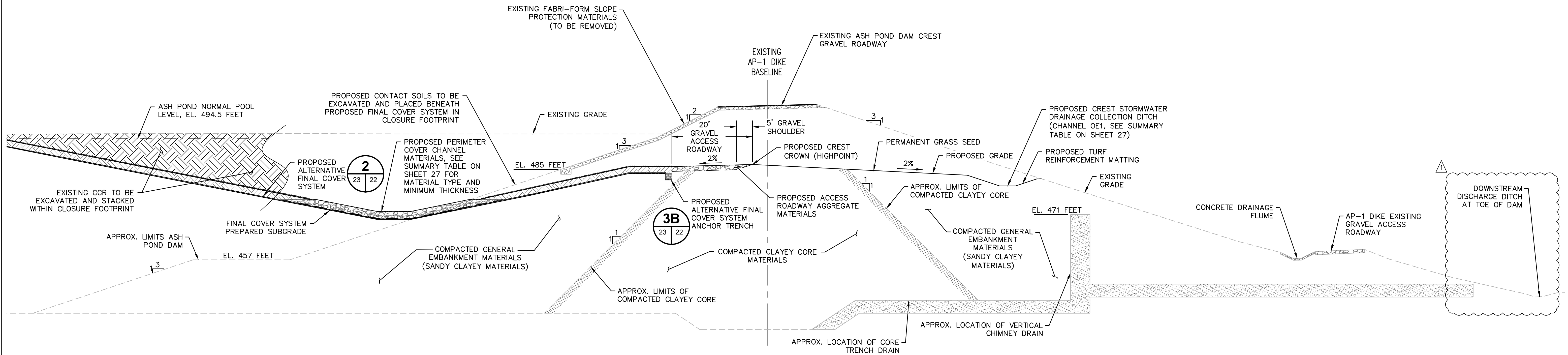
CLOSURE SYSTEM DETAILS I			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 1
SCALE: NOT TO SCALE	SHEET 22 OF 34		
DATE: 09/02/2022			

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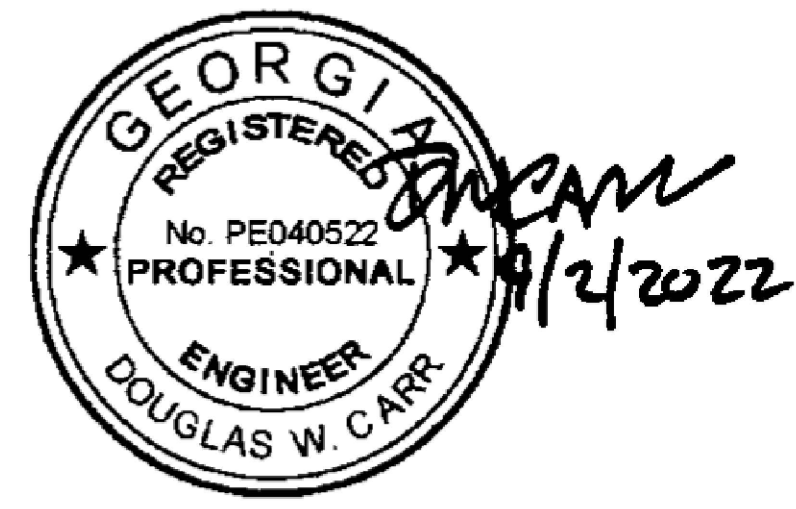
**1A FINAL CLOSURE SYSTEM AT EASTERN DIKE**



**1B ALTERNATIVE FINAL CLOSURE SYSTEM AT EASTERN DIKE**

**1 FINAL CLOSURE SYSTEM AND PERIMETER DRAINAGE CHANNEL ALONG EASTERN DIKE**  
1" = 10'

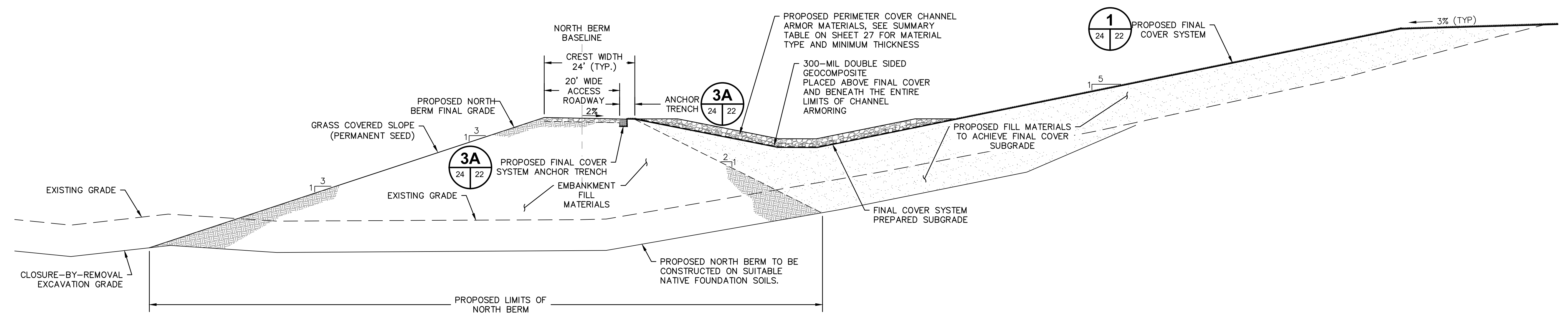
REV. 1 - EXPANDED CROSS SECTION TO INCLUDE DOWNSTREAM DISCHARGE DITCH.



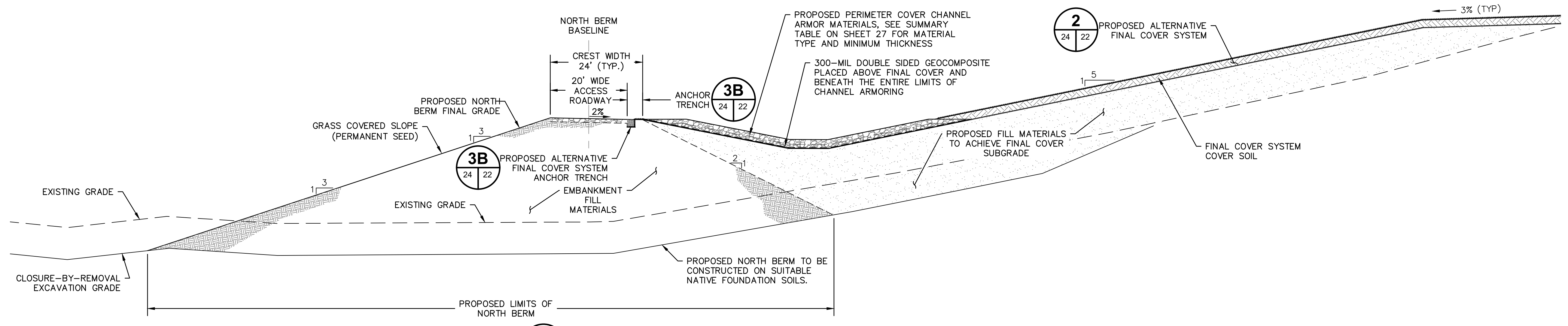
CLOSURE SYSTEM DETAILS II			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM	PROJ. NO.: 60563110	DWG. NA	EDIT REVISION 1
SCALE: NOT TO SCALE	SHEET 23 OF 34		
DATE: 09/02/2022			

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**1 FINAL COVER SYSTEM AT NORTH BERM TYPICAL DETAIL**  
SCALE: 1" = 15'



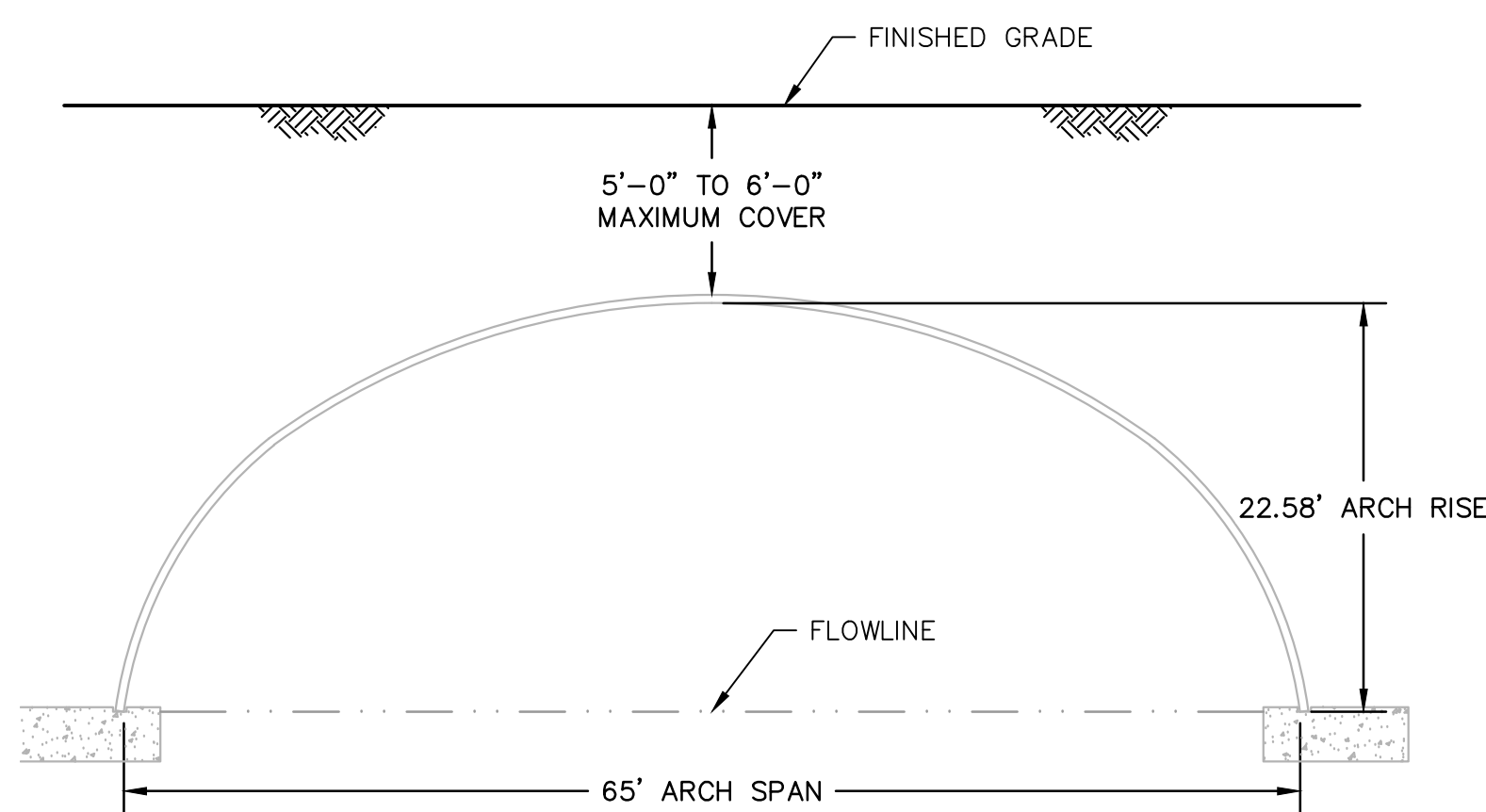
**2 FINAL COVER SYSTEM AT NORTH BERM TYPICAL DETAIL-ALTERNATIVE DESIGN**  
SCALE: 1" = 15'



CLOSURE SYSTEM DETAILS III			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM			
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 1
SCALE: NOT TO SCALE	SHEET 24 OF 34		
DATE: 09/02/2022			

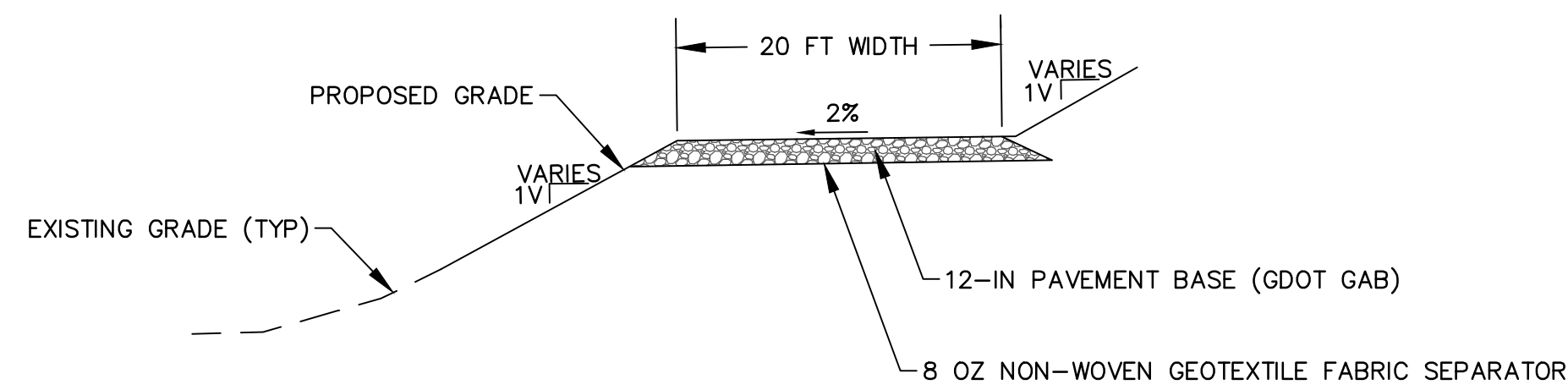
PERMIT DRAWING - NOT FOR CONSTRUCTION

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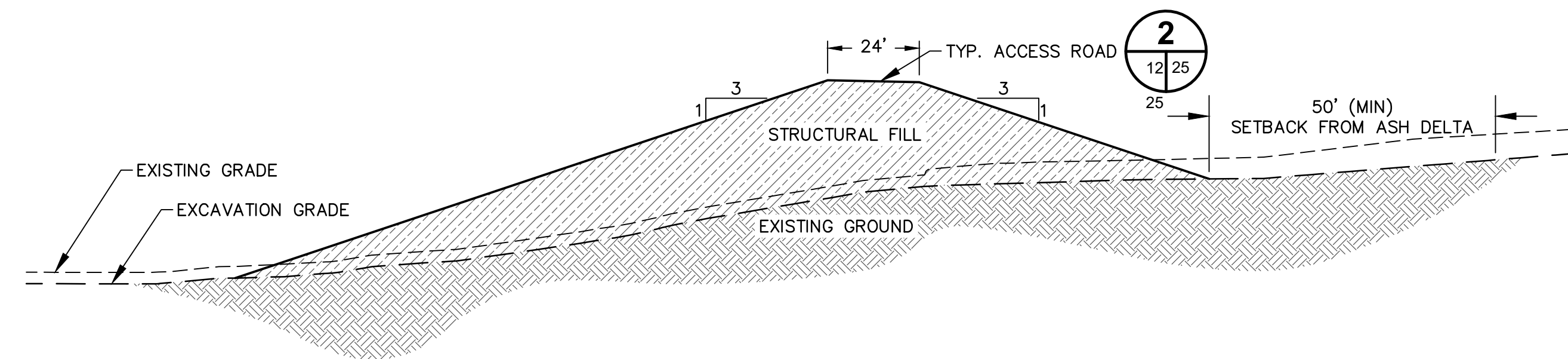


**NOTES:**  
 1) MEASUREMENTS ARE TO THE INSIDE CRESTS OF THE CORRUGATIONS.  
 2) DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.

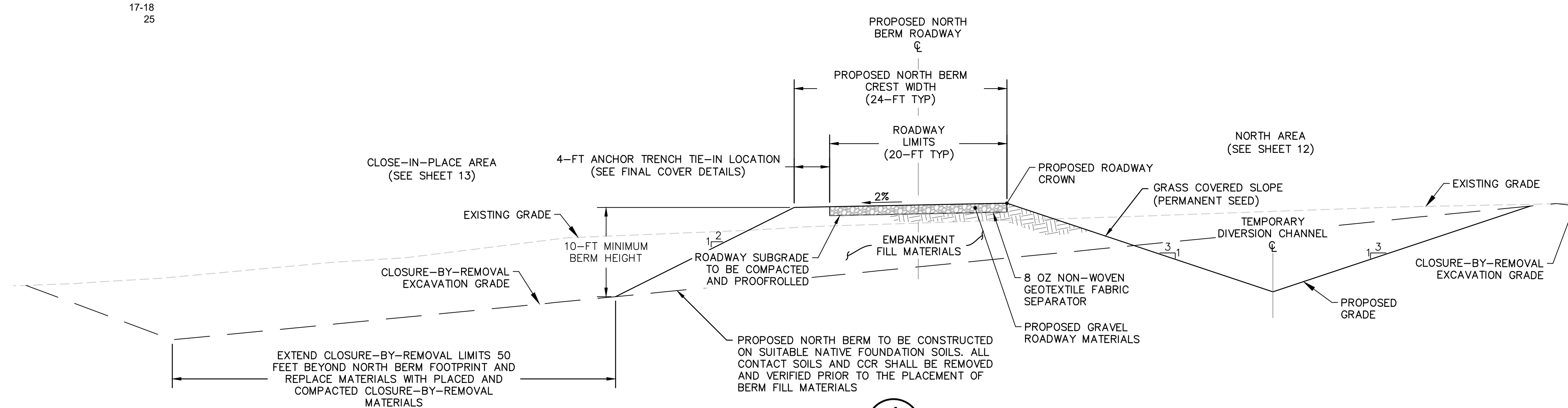
**1 DELIVERY ROUTE ARCH CULVERT**  
 13 25 1" = 10'  
 14 17



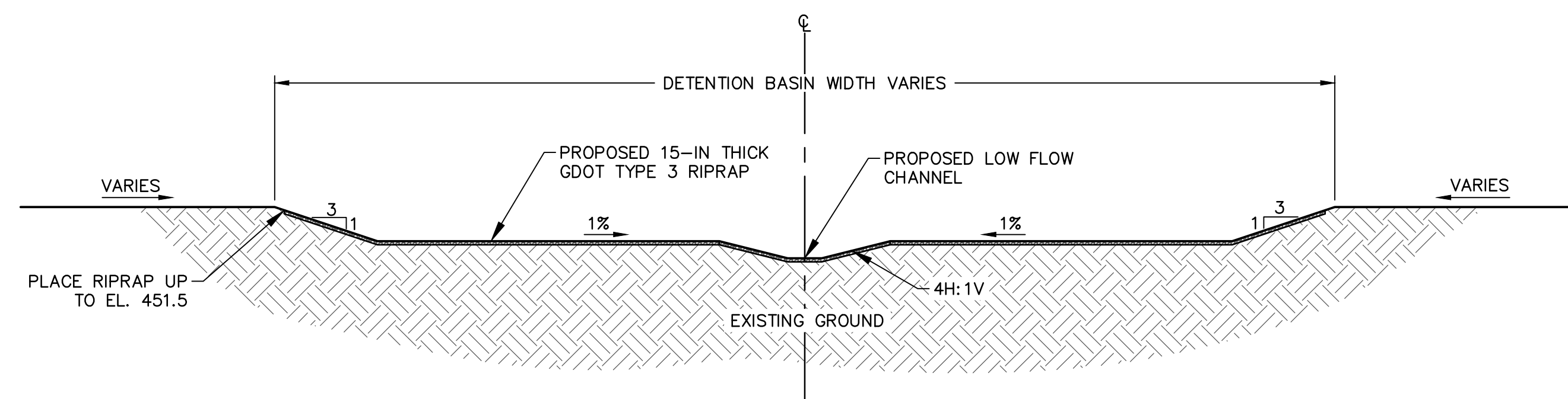
**2 TYPICAL ROADWAY SECTION**  
 12 25 1" = 10'  
 13-14 17-18 25



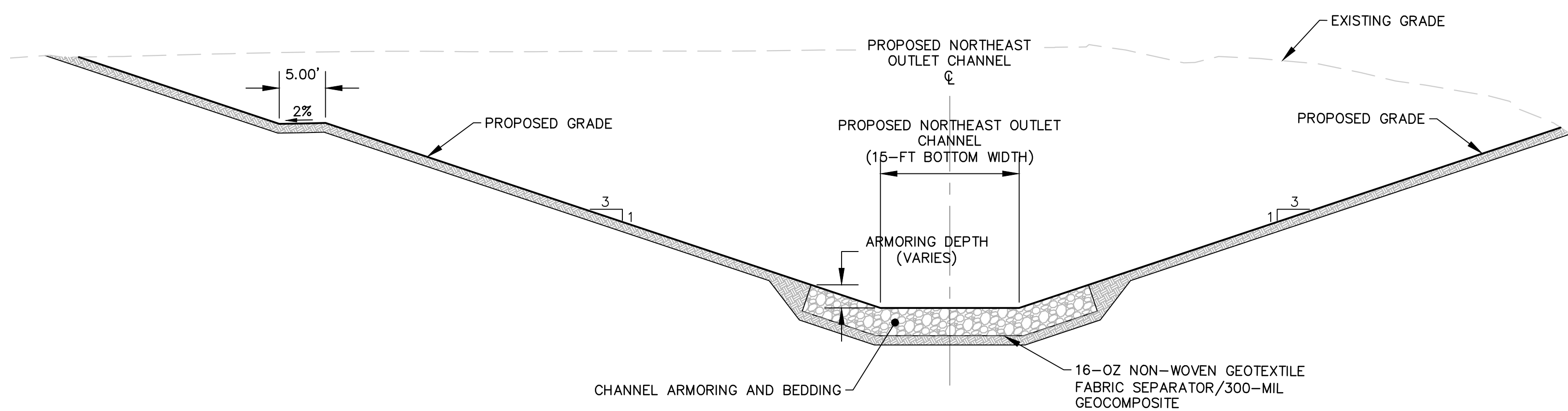
**3 NORTH BERM TYPICAL FILL SECTION**  
 10 25 1" = 20'  
 11



**4 NORTH BERM TYPICAL CUT SECTION**  
 10 25 1" = 8'  
 11



**5 DETENTION BASIN TYPICAL SECTION**  
 12 25 1" = 40'



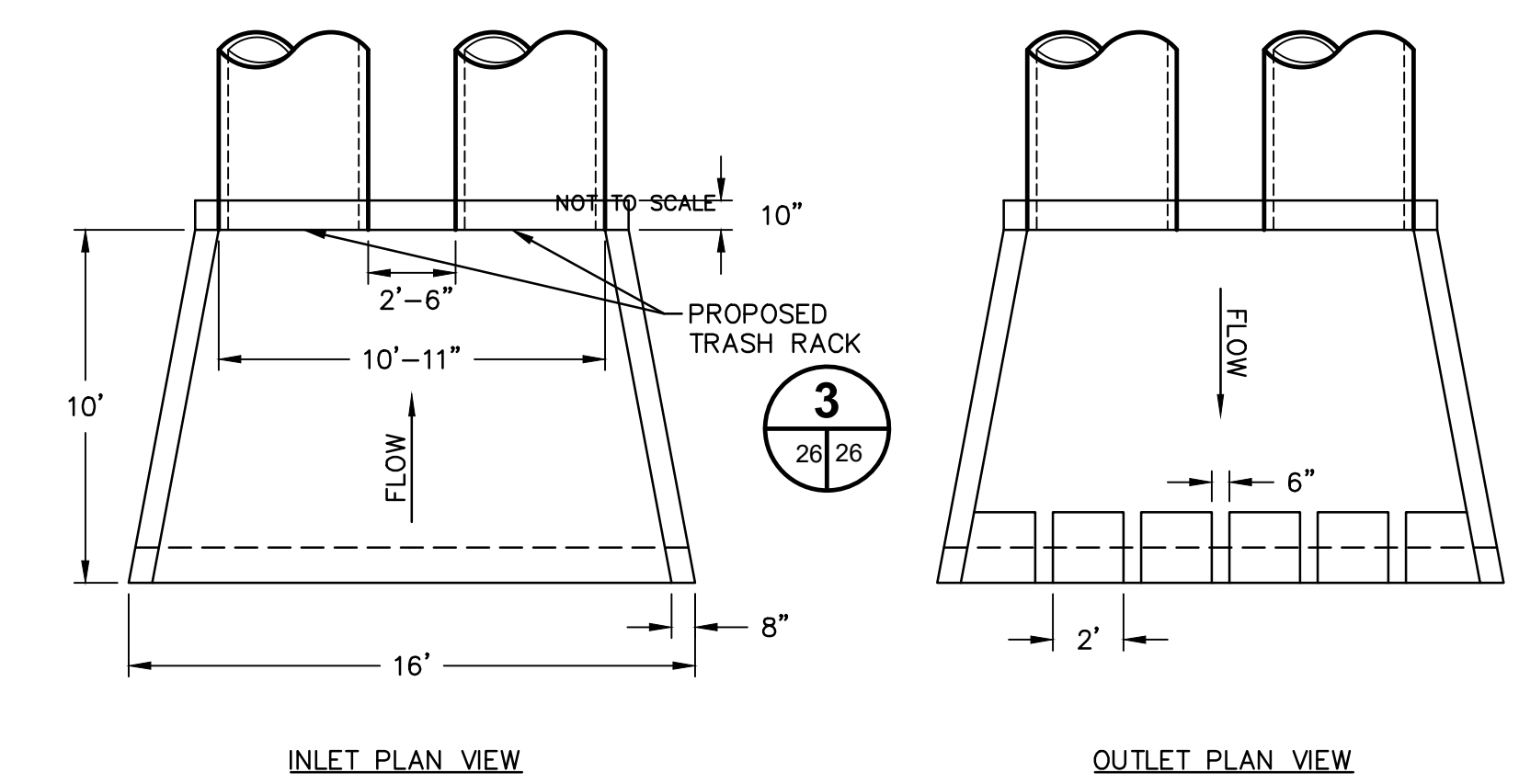
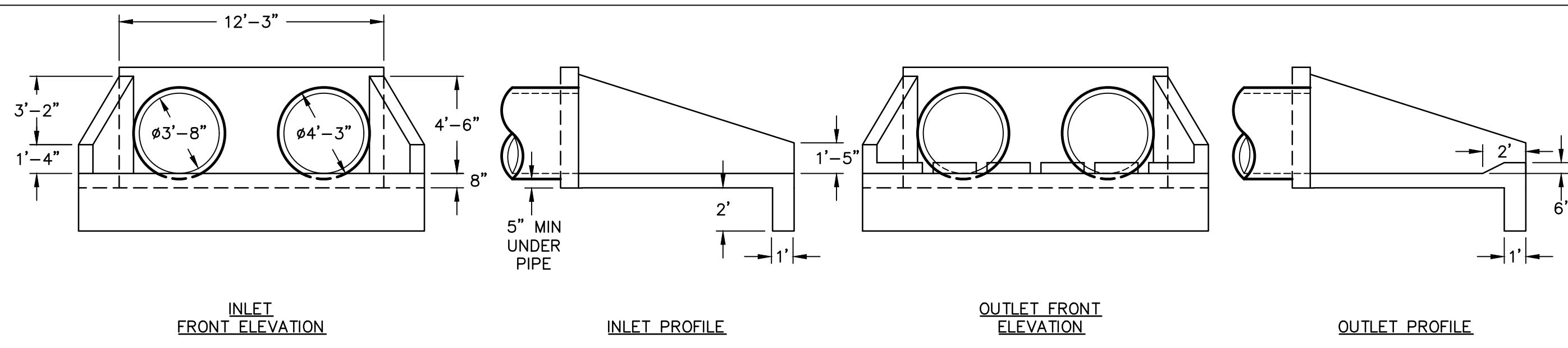
**6 NORTHEAST OUTLET CHANNEL TYPICAL SECTION**  
 12 25 1" = 40'



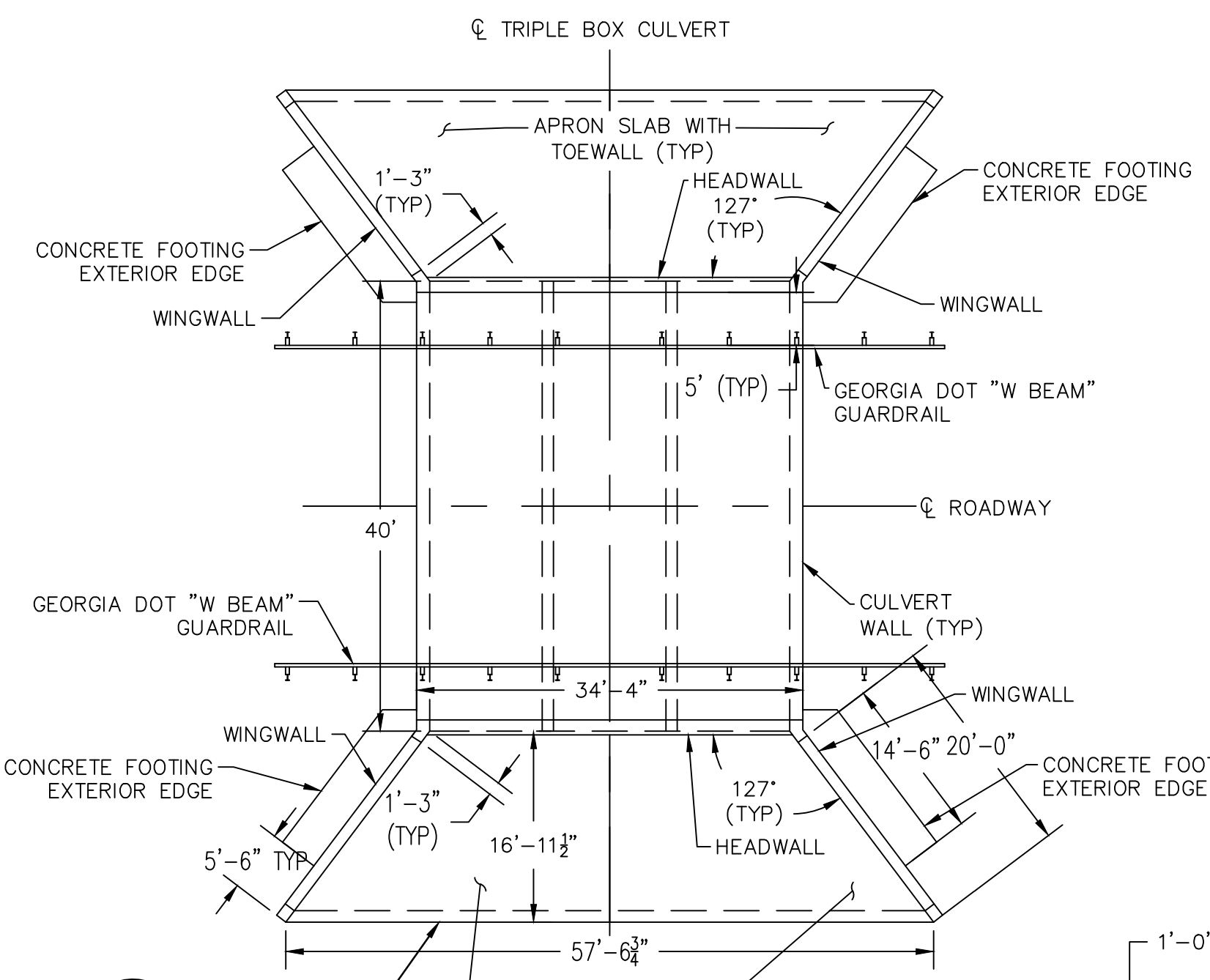
MISCELLANEOUS DETAILS I			
CCR CLOSURE FOR GEORGIA POWER PLANT SCHERER ASH POND-1 MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM	PROJ. NO.: 60563110	DWG. NA	EDIT REVISION 1
SCALE: AS SHOWN	SHEET 25 OF 34		
DATE: 09/02/2022			

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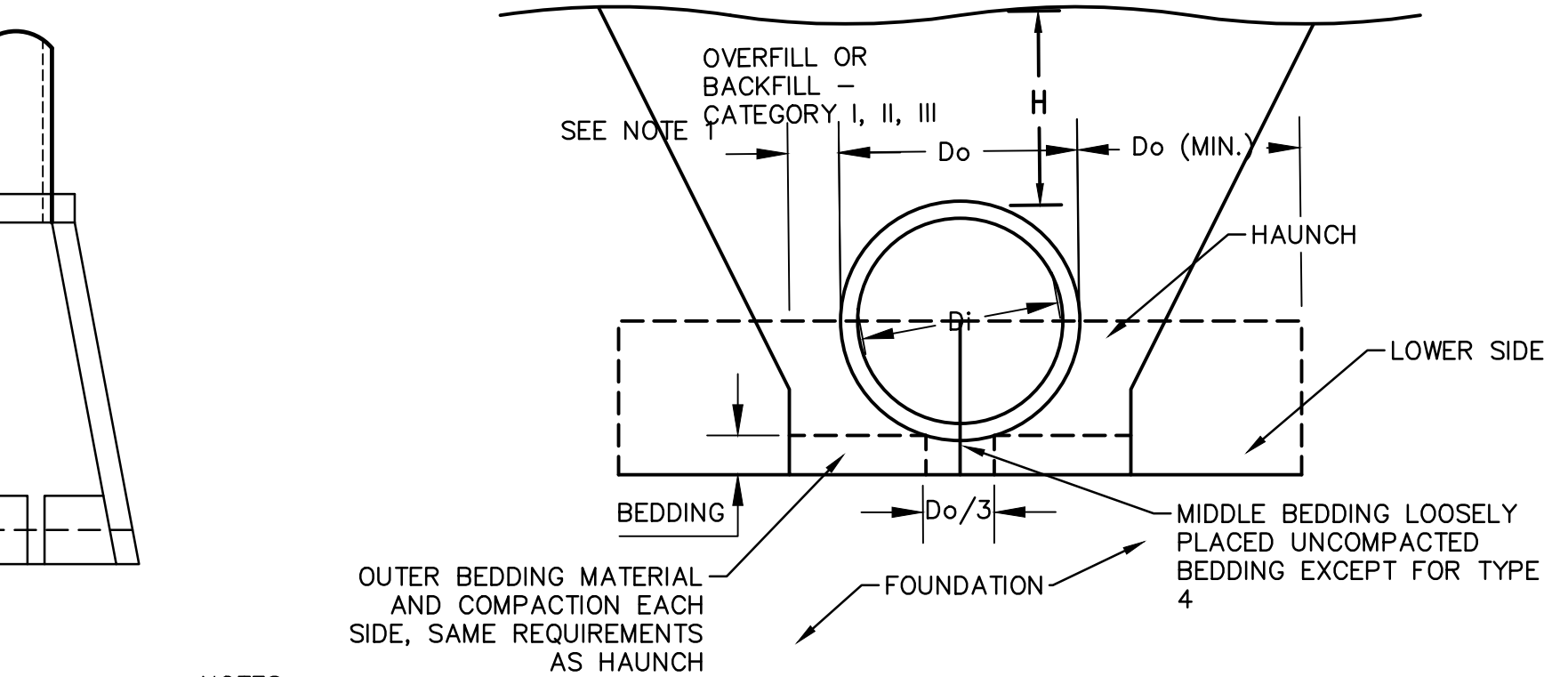


**1 PROPOSED DETENTION BASIN OUTLET STRUCTURE**  
12 26 1" = 5'

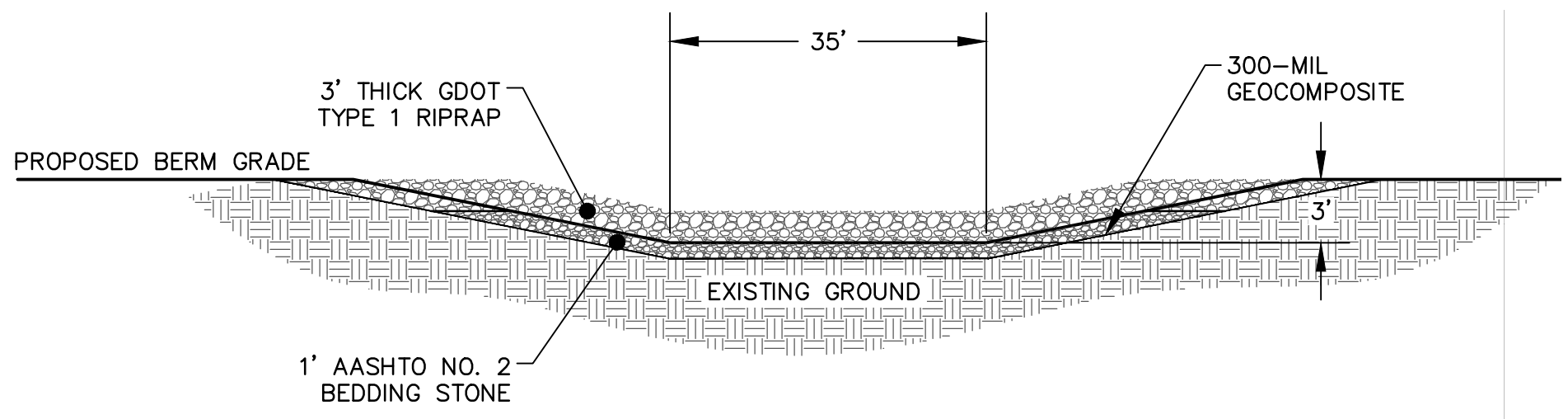


**5 COVER SYSTEM ATTACHMENT**  
26 26

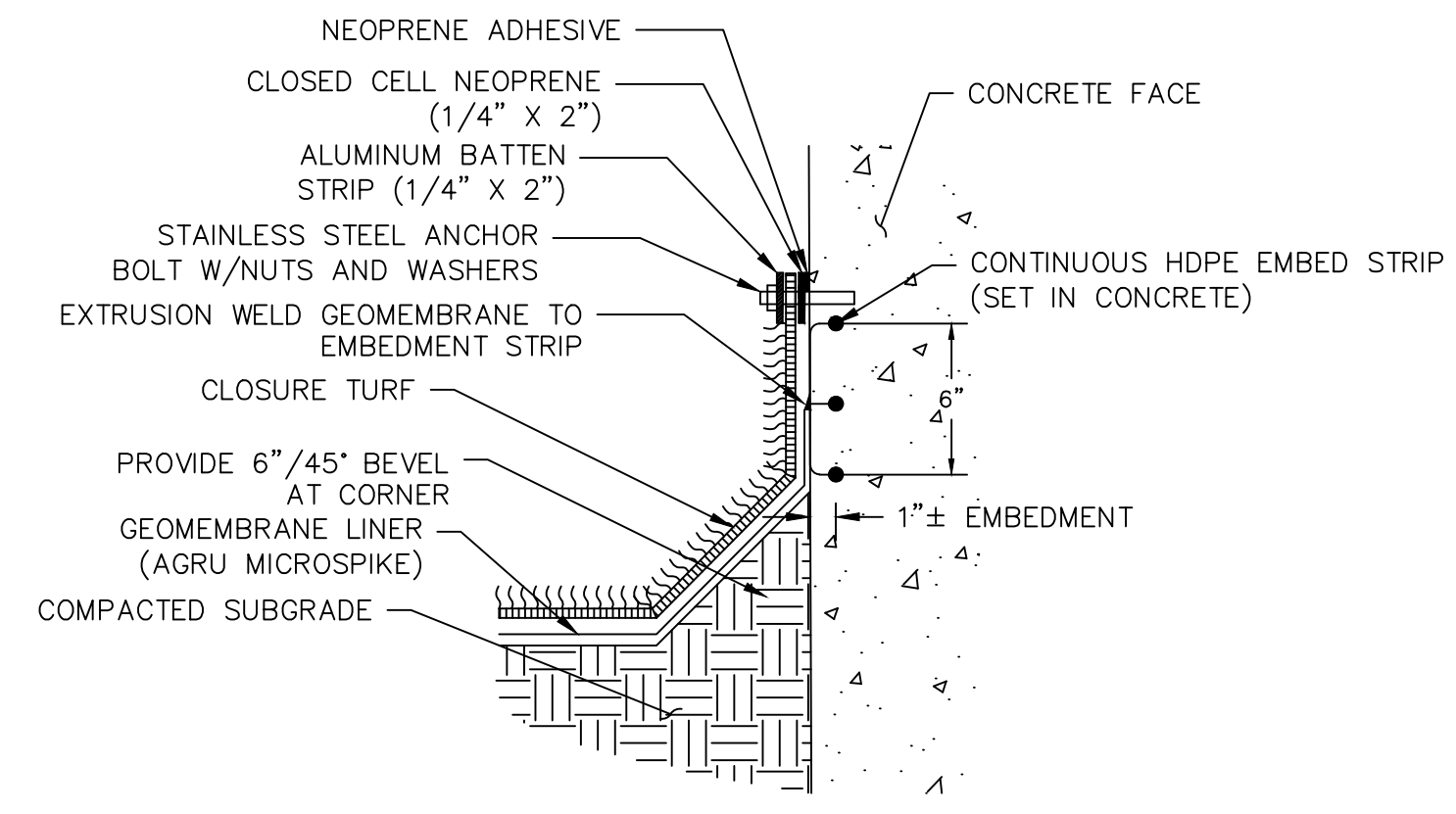
**4 TRIPLE BOX CULVERT**  
11 26 NOT TO SCALE  
12-14 18



NOTES:  
1. CLEARANCE BETWEEN PIPE AND TRENCH WALL SHALL BE ADEQUATE TO ENABLE SPECIFIC COMPACTION, BUT NOT LESS THAN  $D_o/6$

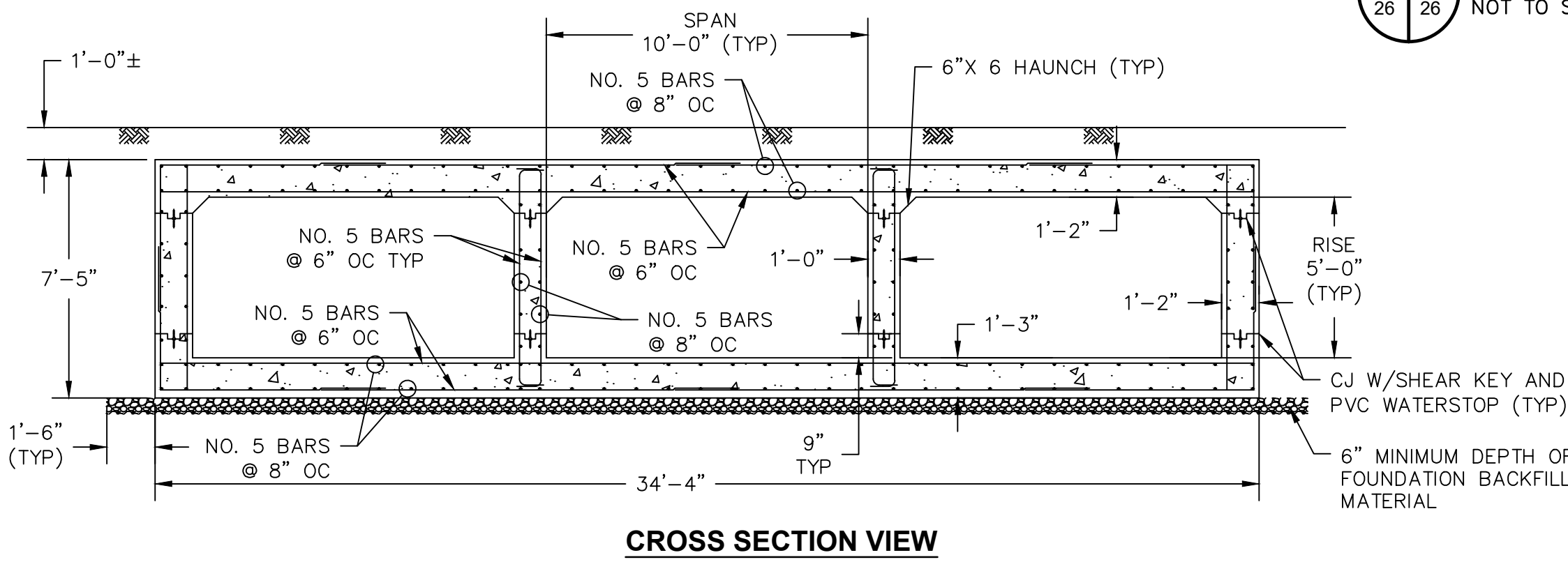


**2 LETDOWN SECTION**  
11 26 1" = 10'  
12 18

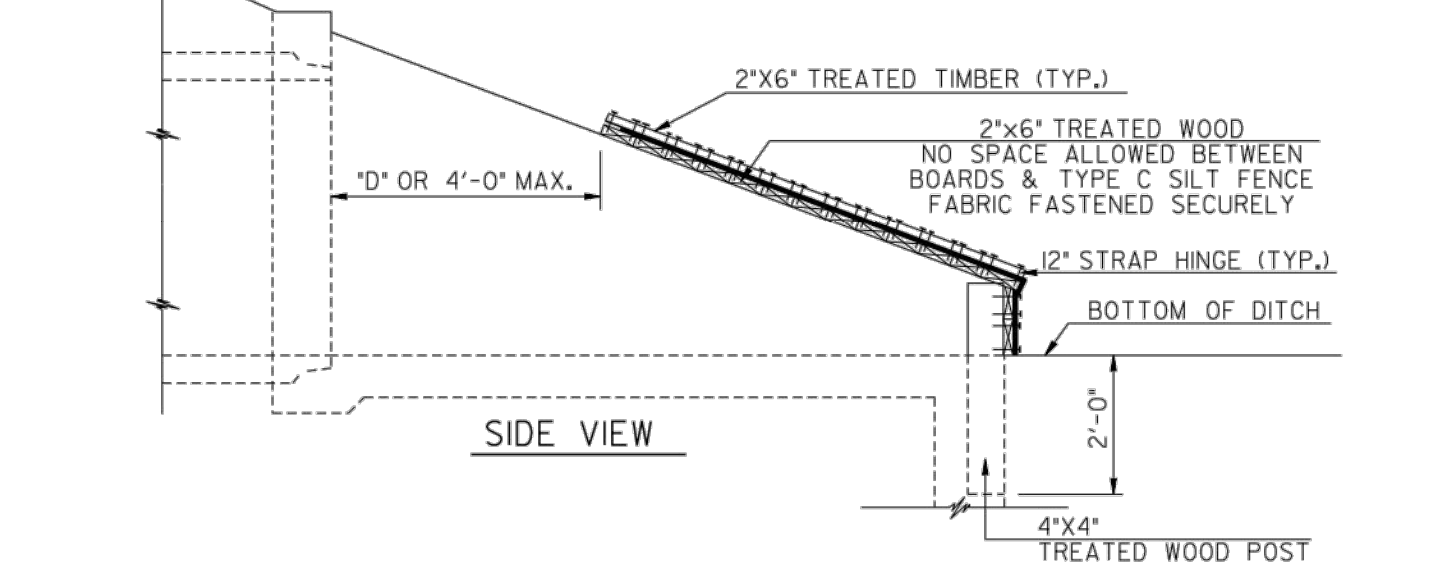
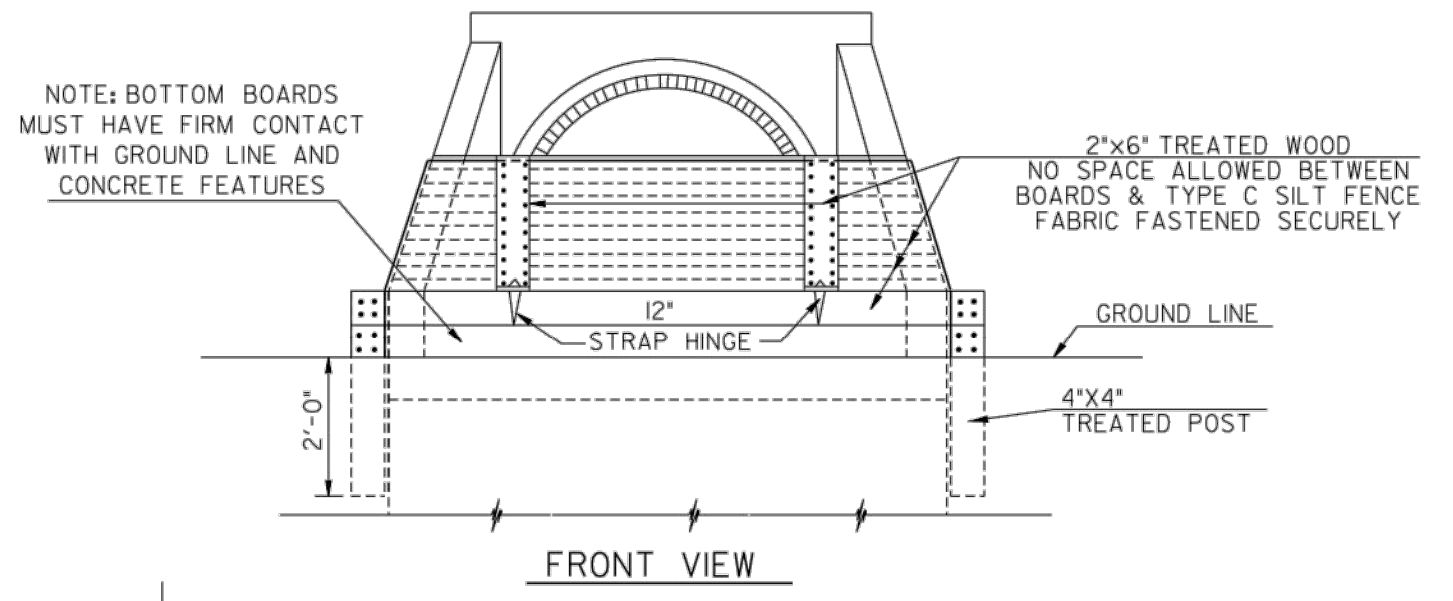
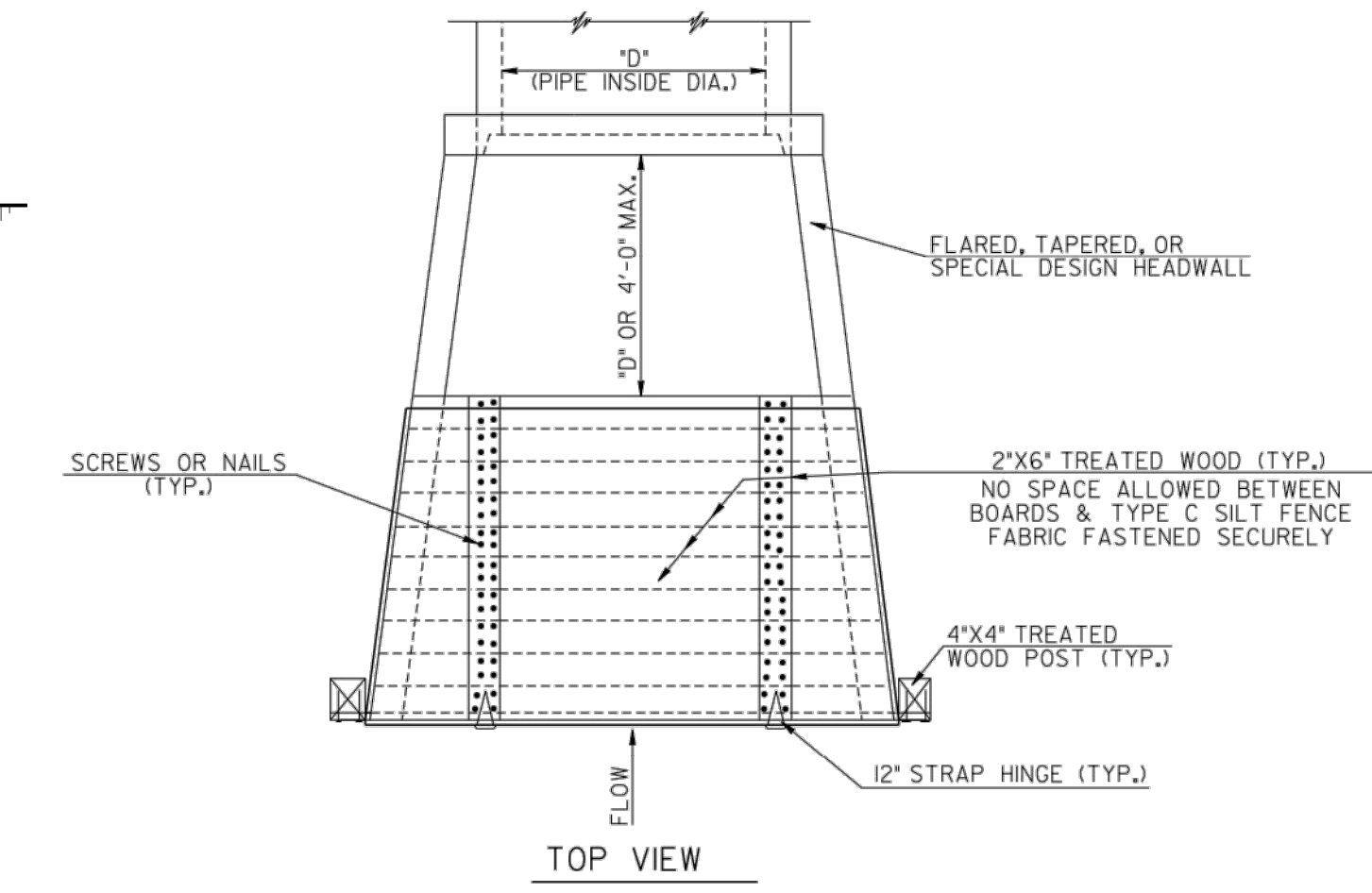


CLOSURE TURF AND GEOMEMBRANE CONNECTION NOTES:  
1. CLOSURE TURF CONNECTION WITH CONCRETE EMBEDMENT STRIP DETAIL IS REPRESENTATIVE AND SHALL BE UPDATED BASED ON THE MANUFACTURER'S CURRENT RECOMMENDATIONS.  
2. COORDINATE LOCATION OF EMBEDMENT STRIPS WITH FINAL COVER SYSTEM INSTALLATION PER CIVIL DRAWINGS. EMBED STRIP SHALL BE LOCATED AT TOE EDGE OF CONCRETE APRON AND ALONG BACK FACE (RETAINED SIDE) OF WING WALLS, AND BACKSIDE OF HEADWALL TO MATCH CIVIL GRADING. LOCATE EMBED STRIP MIN. 6" ABOVE RIPRAP.  
3. USE HDPE EMBEDMENT STRIP MANUFACTURED BY GSE POLYLOCK ATTACHMENT OR APPROVED EQUIVALENT. CORNERS AND "T" CONNECTIONS SHALL BE SUPPLIED PREFABRICATED.  
4. PROVIDE 3" MINIMUM CLEARANCE BETWEEN WELD STRIP AND EDGE OF CONCRETE.  
5. RIPRAP NOT SHOWN FOR CLARITY.

**5 COVER SYSTEM ATTACHMENT TYPICAL DETAIL**  
26 26 NOT TO SCALE



**CROSS SECTION VIEW**



**3 TRASH RACK**  
26 26 NOT TO SCALE



MISCELLANEOUS DETAILS II			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM	PROJ. NO.: 60563110	DWG. NA	REVISION 1
SCALE: AS SHOWN	SHEET 26 OF 34		
DATE: 09/02/2022			

PERMIT DRAWING - NOT FOR CONSTRUCTION

CLOSE-IN-PLACE AREA

Channel	Min. Channel Depth (ft)	Channel Bottom Width (ft)	Channel Side Slopes	Channel Slope (ft/ft)	Approx. Length (ft)	Min. Turn Radius into Downstream Channel (ft)	Armoring	Armoring Thickness (in)	Bedding	Design Storm	Peak Inflow (ft <sup>3</sup> /s)	Max Velocity (ft/s)	Max Shear (lb/ft <sup>2</sup> )	Peak Flow Depth (ft)	Freeboard (ft)
CE1	3.0	8	5H:1V	0.026	750	N/A	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	89	3.1	2.8	1.7	1.3
CET1	3.0	8	5H:1V	0.026	50	50	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	89	2.8	6.1	1.9	1.1
CE2	3.0	8	5H:1V	0.025	850	N/A	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	112	3.3	3.0	1.9	1.1
CET2	3.0	8	5H:1V	0.025	100	50	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	112	3.0	6.5	2.1	0.9
CE3	3.0	8	5H:1V	0.027	850	N/A	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	90	3.1	2.9	1.7	1.3
CET3	3.0	8	5H:1V	0.027	100	50	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	90	2.8	6.3	1.9	1.1
CE4	3.0	8	5H:1V	0.028	850	N/A	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	108	3.4	3.2	1.8	1.2
CET4	3.0	8	5H:1V	0.028	100	50	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	108	3.1	6.9	2.0	1.0
CE5	3.0	8	5H:1V	0.019	1500	N/A	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	146	3.4	2.7	2.3	0.7
CET5	3.0	8	5H:1V	0.019	100	50	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	146	2.9	5.9	2.5	0.5
CW1	4.0	8	5H:1V	0.005	1700	N/A	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	160	3.3	0.8	2.4	1.6
CW2	4.0	16	5H:1V	0.005	560	N/A	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	210	3.5	0.7	2.2	1.8
CW3	3.5	16	5H:1V	0.028	100	100	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	210	3.7	7.0	2.1	1.4
CW4	4.0	8	5H:1V	0.005	2200	N/A	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	245	3.7	0.9	2.9	1.1
CW5	4.0	16	5H:1V	0.005	1050	N/A	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	344	4.0	0.9	2.8	1.2
CW6	3.5	16	5H:1V	0.028	100	100	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	344	4.1	9.5	2.8	0.7
CW7	4.0	8	5H:1V	0.005	2200	N/A	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	204	3.6	0.8	2.7	1.3
CW8	4.0	16	5H:1V	0.005	1050	N/A	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	321	4.0	0.9	2.7	1.3
CW9	3.5	16	5H:1V	0.030	100	100	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	321	4.6	8.8	2.5	1.0
CW10	4.0	8	5H:1V	0.005	2200	N/A	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	157	3.3	0.8	2.4	1.6
CW11	4.0	16	5H:1V	0.005	1100	N/A	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	238	3.6	0.7	2.4	1.6
CW12	3.5	16	5H:1V	0.030	150	100	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	238	4.0	7.7	2.2	1.3
CW13	4.0	8	5H:1V	0.005	2200	N/A	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	177	3.4	0.8	2.5	1.5
CW14	4.0	16	5H:1V	0.005	700	N/A	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	212	3.5	0.7	2.3	1.7
CW15	3.0	8	5H:1V	0.010	730	50	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	117	2.6	2.9	2.3	0.7
CW16	3.5	16	5H:1V	0.030	500	100	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	353	4.3	10.0	2.8	0.7
CW17	3.0	8	5H:1V	0.026	960	N/A	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	148	3.8	3.4	2.1	0.9
CW18	3.0	8	5H:1V	0.030	200	50	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	148	3.6	8.1	2.2	0.8
KN1	1.5	5	4H:1V	0.030	1130	50	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	19	2.1	3.2	1.0	0.5
KN2	1.5	5	4H:1V	0.005	N/A	N/A	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	9	1.4	0.3	0.9	0.6
PE1	2.5	5	5H:1V	0.005	2460	N/A	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	86	2.8	0.6	2.0	0.5
PE2	3.5	10	5H:1V	0.004	610	100	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	166	2.2	1.6	3.0	0.5
PE3	4.5	10	5H:1V	0.004	390	N/A	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	275	2.6	1.0	3.7	0.8
PE4	5.0	10	5H:1V	0.004	400	N/A	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	360	2.8	1.1	4.1	0.9
PE5	4.5	10	5H:1V	0.008	580	N/A	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	460	3.9	2.1	4.0	0.5
PE6	6.0	10	5H:1V	0.011	860	100	GDOT Type 1 Riprap	24	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	800	4.3	7.1	5.2	0.8
PE7	6.0	10	5H:1V	0.004	900	N/A	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	770	3.7	1.5	5.5	0.5
PW1	2.0	10	5H:1V	0.005	2750	200	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	53	2.3	0.5	1.4	0.6
PW2	4.0	10	5H:1V	0.005	750	400	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	254	2.7	1.2	3.5	0.5
PW3	5.5	10	5H:1V	0.005	500	100	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	587	3.5	3.0	4.9	0.6
PW4	5.5	10	5H:1V	0.004	2500	400	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	327	1.9	1.9	5.0	0.5
PW5	4.0	20	3H:1V	0.005	700	N/A	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	355	2.9	1.0	3.3	0.7
PW6	5.0	20	3H:1V	0.005	350	400	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	590	3.5	1.8	4.2	0.8
PW7	5.5	20	3H:1V	0.005	300	400	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	905	4.0	2.3	5.0	0.5
PW8	6.5	20	3H:1V	0.006	200	400	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	1508	5.0	3.5	6.0	0.5
PW9	7.0	20	3H:1V	0.005	200	N/A	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 16-oz geotextile	100-year	1545	4.7	2.0	6.3	0.7
PW10	6.0	20	3H:1V	0.020	300	N/A	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 16-oz geotextile	100-year	1543	6.5	6.5	5.2	0.8
OW1	2.5	5	5H:1V	0.005	1630	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	26	4.4	0.7	2.0	0.5
OW2	3.0	5	5H:1V	0.005	2275	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	50	5.2	0.8	2.5	0.5
OW3	2.5	5	5H:1V	0.010	1500	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	24	5.5	1.0	1.7	0.8
DRC	1.5	5	3H:1V	0.120	200	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	11	10.4	4.8	0.7	0.8
WTC	1.5	5	3H:1V	0.130	180	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	8	9.7	4.8	0.6	0.9
SW1	2.0	5	5H:1V	0.03	40	100	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	60	3.3	4.2	1.5	0.5
SSP1	2.0	10	3H:1V	0.096	240	N/A	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 16-oz geotextile	100-year	66	5.8	4.8	0.8	1.2
SSP2	2.0	10	3H:1V	0.087	160	N/A	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 16-oz geotextile	100-year	66	5.4	4.6	0.9	1.1

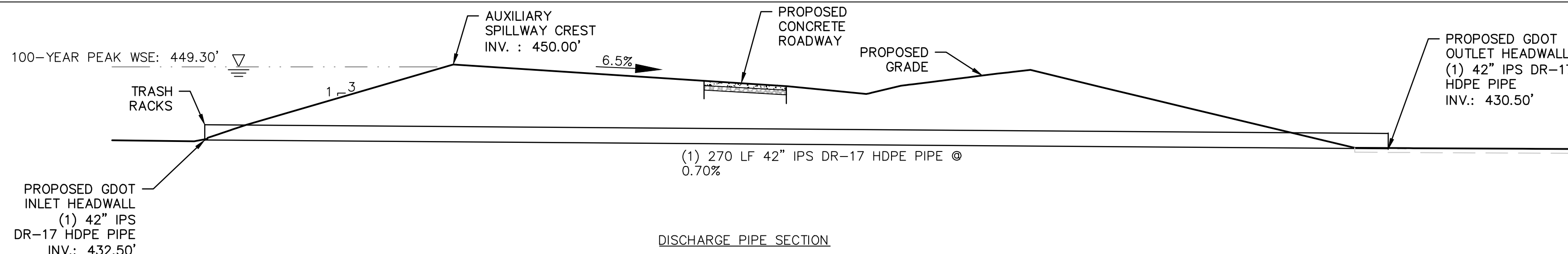
**1** CHANNEL GEOMETRY AND ARMORING SUMMARY TABLE

NOTE:  
1. INCLUDES CLOSE-IN-PLACE AND CLOSURE-BY-REMOVAL AREAS.

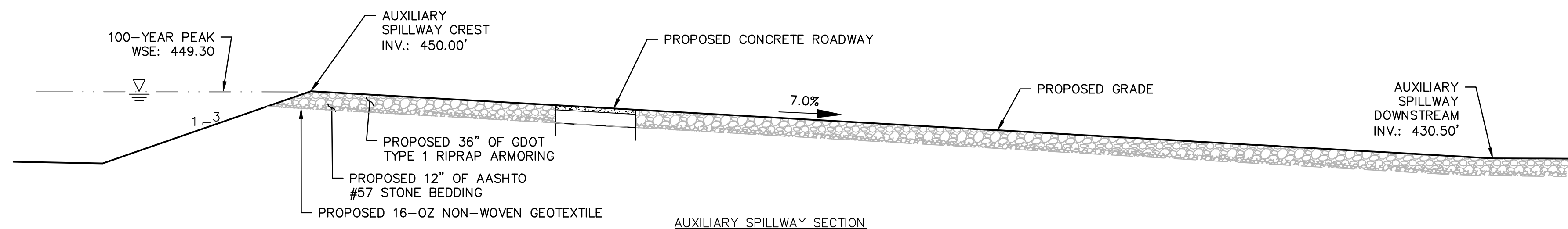
CLOSURE-BY-REMOVAL AREA

Channel	Min. Channel Depth (ft)	Channel Bottom Width (ft)	Channel Side Slopes	Channel Slope (ft/ft)	Approx. Length (ft)	Min. Turn Radius into Downstream Channel (ft)	Armoring	Armoring Thickness (in)	Bedding	Design Storm	Peak Inflow (ft <sup>3</sup> /s)	Max Velocity (ft/s)	Max Shear (lb/ft <sup>2</sup> )	Peak Flow Depth (ft)	Freeboard (ft)
R1	2.5	20	4H:1V	0.016	2000	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	209	10.3	2.0	2.1	0.4
R2	2.0	10	4H:1V	0.039	850	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	68	11.1	3.3	1.3	0.7
R3	3.0	20	4H:1V	0.017	750	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	304	11.9	2.5	2.4	0.6
R4	2.5	10	4H:1V	0.025	900	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	124	11.7	3.0	1.9	0.6
R5	4.5	20	4H:1V	0.003	875	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	311	6.7	0.7	3.9	0.6
R6	2.0	10	4H:1V	0.038	950	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	83	11.9	3.5	1.5	0.5
R7	2.0	12	4H:1V	0.046	850	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	88	12.3	3.8	1.3	0.7
R8	5.0	12	4H:1V	0.006	2000	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	455	10.0	1.6	4.2	0.8
R9	4.0	5	4H:1V	0.003	1500	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	89	5.3	0.7	3.5	0.5
R10	3.0	5	4H:1V	0.004	400	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	32	4.6	0.6	2.4	0.6
R11	3.0	20	4H:1V	0.003	1500	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	372	7.0	0.5	2.5	0.5
AR1	1.5	2	4H:1V	0.065	310	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	12	9.9	4.1	1.0	0.5
AR2	2.5	2	4H:1V	0.022	465	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	27	8.4	2.3	1.7	0.8
AR3	2.0	2	4H:1V	0.046	260	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	18	9.8	3.6	1.3	0.7
AR4	2.0	2	4H:1V	0.056	250	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	18	10.5	4.1	1.2	0.8
AR5	2.0	2	4H:1V	0.050	590	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	22	11.4	4.6	1.2	0.8
OE1	2.5	5	3H:1V	0.012	2100	N/A	NA Green Vmax P550 TRM	N/A	N/A	100-year	25	6.4	1.3	1.7	0.8
OE2	1.5	5	3H:1V	0.062	550	100	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	25	4.0	3.4	0.8	0.7
B0	6.0	35	5H:1V	0.010	50	N/A	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	1000-year	1575	5.0	3.2	5.2	0.8
B1	5.0	35	5H:1V	0.022	600	400	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	1000-year	1575	6.4	9.0	4.3	0.7
B2	5.0	35	5H:1V	0.013	770	N/A	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 300-mil geocomposite	100-year	1545	6.3	3.5	4.3	0.7
B3	2.5	15	3H:1V	0.005	800	650	AASHTO No. 1 Stone	12	16-oz geotextile	100-year	150	3.5	0.7	2.0	0.5
B4	2.5	15	3H:1V	0.045	600	N/A	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 16-oz geotextile	100-year	178	5.1	4.8	1.7	0.8
B5	3.0	15	3H:1V	0.010	250	N/A	GDOT Type 3 Riprap	15	12" AASHTO No. 2 Stone, 16-oz geotextile	100-year	178				

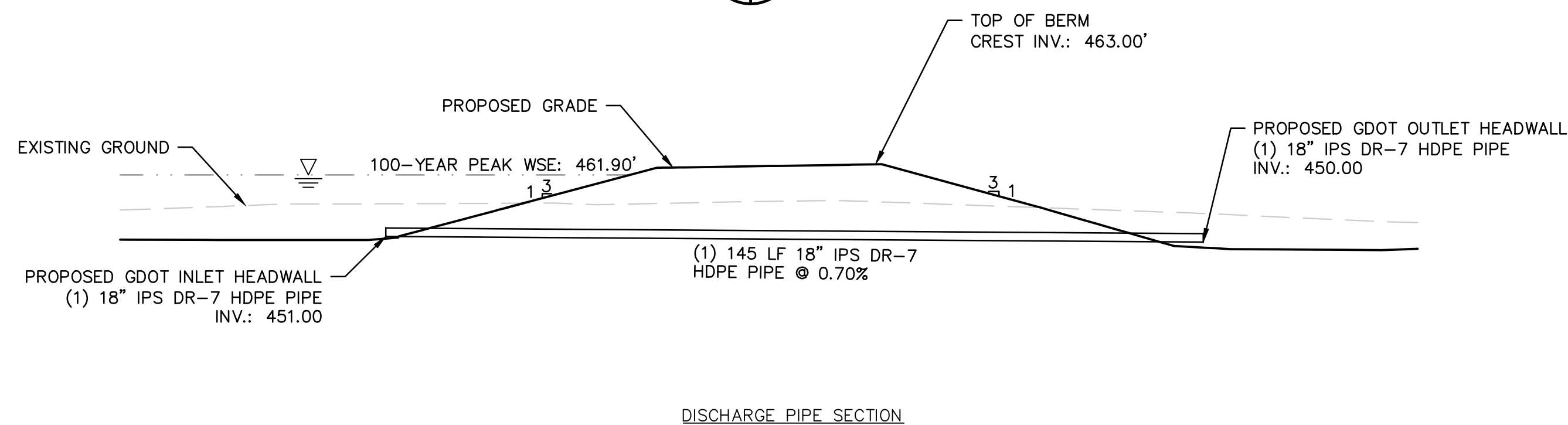
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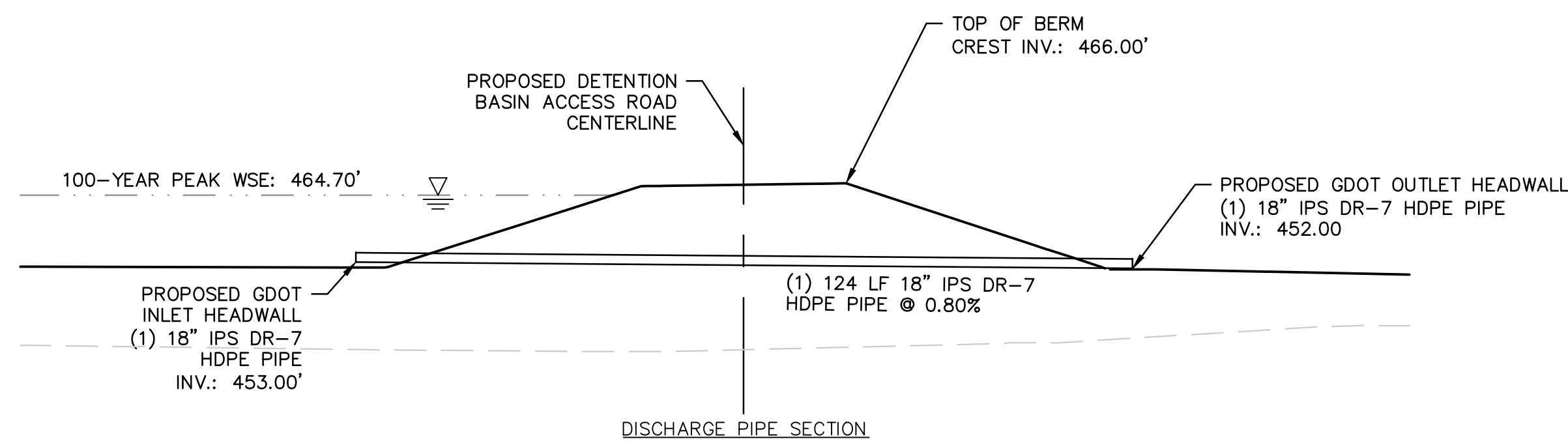
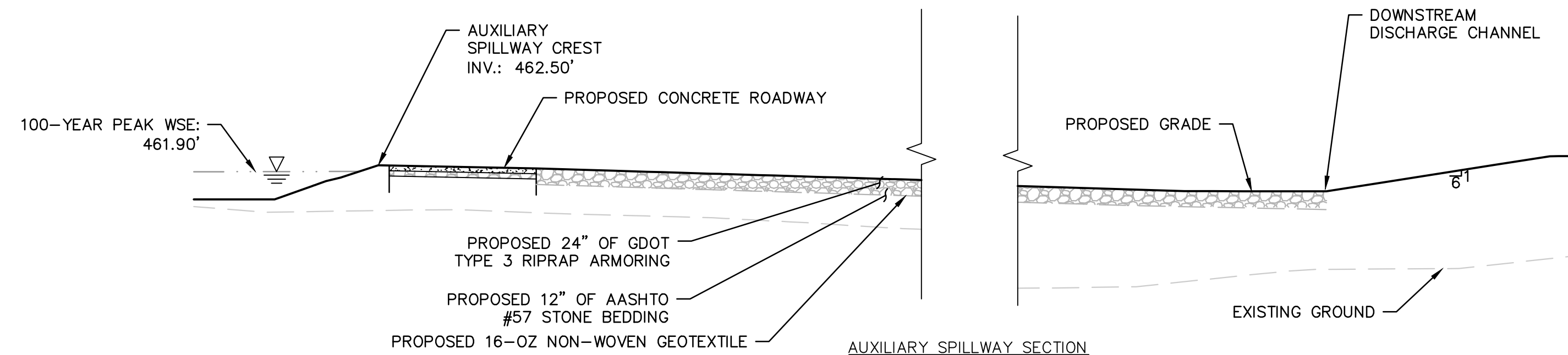
Basin	Outlet Structure	Peak WSE (ft)		Top of Basin Berm (ft)	Freeboard (ft)	
		100-year	500-year		100-year	500-year
Basin A	DR 17 IPS 42-in	449.2	450.6	451.0	1.8	0.4
Basin B	DR 7 IPS 18-in	461.9	462.9	463.0	1.1	0.1
Basin C	DR 7 IPS 18-in	464.7	465.6	466.0	1.3	0.4



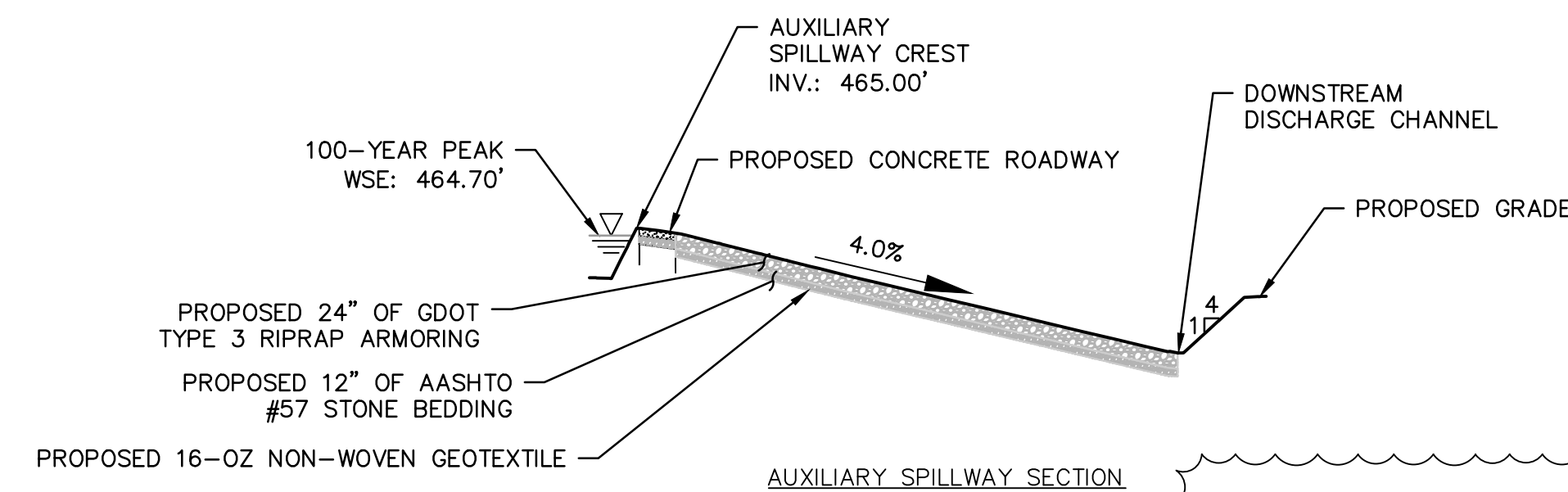
**1** DETENTION BASIN A OUTLET AND SPILLWAY  
12 28 1" = 20'



**2** DETENTION BASIN B OUTLET AND SPILLWAY  
12 28 1" = 20'



**3** DETENTION BASIN C OUTLET AND SPILLWAY  
12 28 1" = 20'



REV. 1 - UPDATED BASIN CROSS SECTIONS. REVISED WATER SURFACE ELEVATION.



MISCELLANEOUS DETAILS IV			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
(919) 461-1100 WWW.AECOM.COM	PROJ. NO.: 60563110	DWG. NA	EDIT REVISION 1
SCALE: AS SHOWN	SHEET 28 OF 34		
DATE: 09/02/2022			

PERMIT DRAWING - NOT FOR CONSTRUCTION

MATERIAL	RATE	DEPTH
STRAW OR HAY	-	2" TO 4"
WOOD WASTE, CHIPS, SAWDUST, BARK	-	2" TO 3"
CUTBACK ASPHALT	1,200 GAL/AC, 1/3 GAL/SY OR SEE MANUFACTURER'S RECOMMENDATIONS	-
POLYETHYLENE FILM	SECURE WITH SOIL, ANCHORS, WEIGHTS	-
GEOTEXTILES, JUTE MATTING, NETTING, ETC.	SEE MANUFACTURER'S RECOMMENDATIONS	-

- APPLY STRAW OR HAY UNIFORMLY, AS SHOWN IN TABLE, BY HAND OR MECHANICAL EQUIPMENT, AND ANCHOR BY PRESSING INTO SOIL OR USING NETTING.
- MULCH ON SLOPES GREATER THAN 3% SHOULD BE ANCHORED WITH EMULSIFIED ASPHALT (GRADE AE-5 OR SS-1) OR OTHER SUITABLE TACKIFIER.
- MULCH SHALL BE USED DURING THE MONTHS THAT GRASSING SHOULD NOT BE APPLIED BASED ON THE SCHEDULE BELOW.

**Ds1** MULCHING RATES

SPECIES	RATE PER ACRE		PLANTING DATES
	ALONE	IN MIXTURES	
BAHIA, WILMINGTON	60 LBS	30 LBS	3/1 - 5/31
BERMUDA, COMMON (HULLED SEED)	10 LBS	6 LBS	4/1 - 5/31
FESCUE, TALL	50 LBS	30 LBS	9/1 - 10/15
LESPEDEZA, SERICEA (LESPEDEZA CUNEATA)	60 LBS (SCARIFIED)	-	3/15 - 5/31
	75 LBS (UNSCARIFIED)	-	9/1 - 2/28
LESPEDEZA, AMBRO (VIRGATA OR APPALOW)	60 LBS (SCARIFIED)	-	3/15 - 5/31
	75 LBS (UNSCARIFIED)	-	9/1 - 2/28
LOVEGRASS, WEEPING	4 LBS	2 LBS	3/15 - 5/31

PERMANENT GRASSING SHALL CONSIST OF GROUND PREPARATION, LIMING, FERTILIZATION, MULCHING, AND SEEDING. THE GROUND SHALL BE PREPARED BY PLOWING AND DISKING TO A DEPTH NOT LESS THAN 4". FERTILIZER AND LIME SHALL BE UNIFORMLY MIXED INTO THE GROUND, WITH FERTILIZER AT THE RATE OF 1500 LBS PER ACRE AND LIME AT THE RATE OF 2000 LBS PER ACRE. THE GROUND SHALL BE FINISHED OFF AS SMOOTH AND UNIFORM AND BE FREE OF ROCKS, CLODS, ROOTS, AND WEEDS. FERTILIZER SHALL BE APPLIED PER THE TABLE BELOW. WEATHER PERMITTING, SEEDING SHALL BE DONE WITHIN 24 HOURS OF FERTILIZER APPLICATION. SEED SHALL BE UNIFORMLY SPREAD AT THE RATES SHOWN BELOW. MULCHING IS REQUIRED AND SHALL BE DONE IMMEDIATELY AFTER SEEDING. MULCH SHALL BE UNIFORMLY APPLIED OVER THE AREA LEAVING APPROXIMATELY 25% OF THE GROUND SURFACE EXPOSED. THE RATE OF APPLICATION SHALL BE DOUBLED ON SLOPES STEEPER THAN 4:1.

**Ds3** PERMANENT GRASSING

SPECIES	RATE PER ACRE		PLANTING DATES
	ALONE	IN MIXTURES	
LESPEDEZA, ANNUAL (LESPEDEZA STRIATA)	40 LBS	10 LBS	3/1 - 3/31
LOVEGRASS, WEEPING (ERAGROSTIS CURVULA)	4 LBS	2 LBS	4/1 - 5/31
MILLET, PEARL (PENNESETUM GLAUCUM)	50 LBS	DO NOT MIX	5/1 - 7/31
RYEGRASS (LOLIUM TEMULENTUM)	40 LBS	DO NOT MIX	9/1 - 12/15
RYE (SECALE CEREALE)	168 LBS	28 LBS	9/15 - 11/30
WHEAT	3 BU	0.5 BU	10/1 - 12/15

TEMPORARY GRASSES SHALL CONSIST OF SOWING A QUICK GRASS SUCH AS RYE, BROWN TOP MILLET, OR GRASS SUITABLE TO THE AREA AND SEASON. LIME AND FERTILIZER WILL BE OMITTED. MULCH IS NOT REQUIRED BUT SHOULD BE USED AS DICTATED BY SITE CONDITIONS. TEMPORARY GRASSING IS REQUIRED WHEN DISTURBED AREA IS LEFT EXPOSED FOR MORE THAN 14 DAYS.

**Ds2** TEMPORARY GRASSING

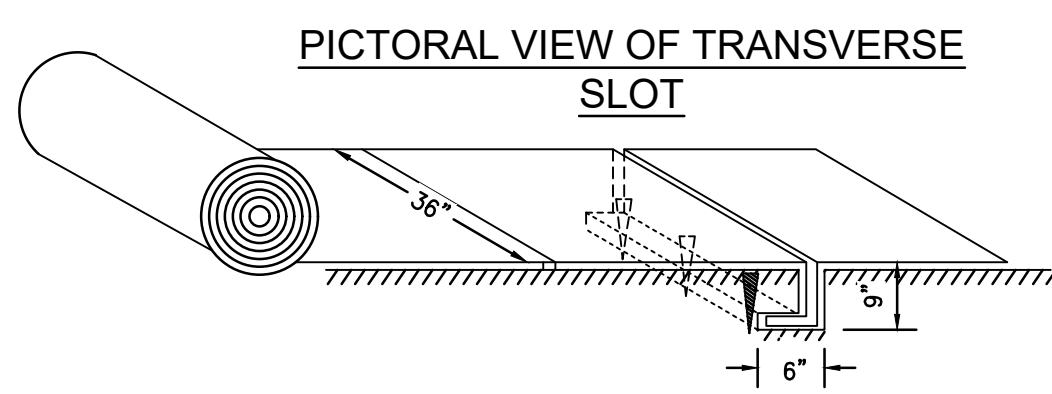
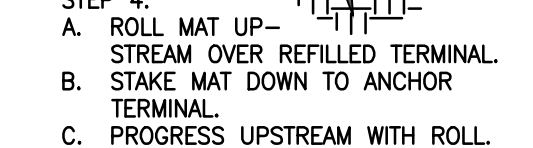
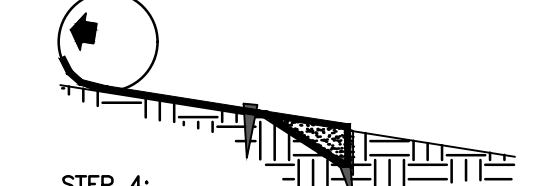
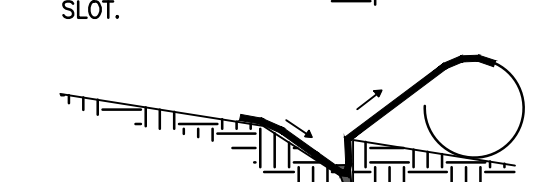
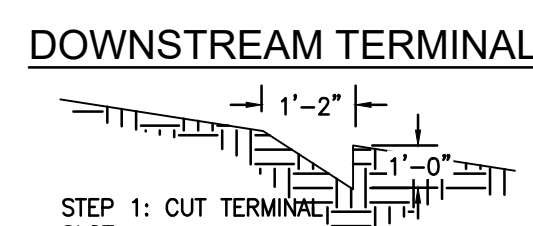
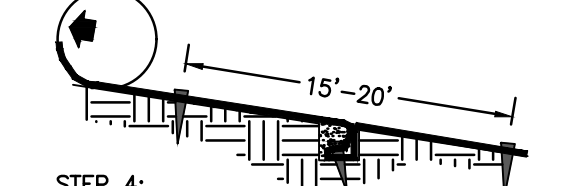
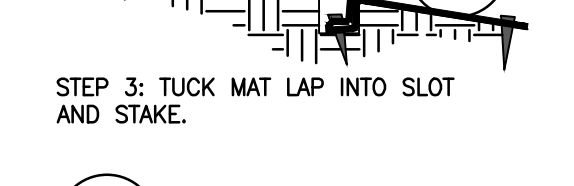
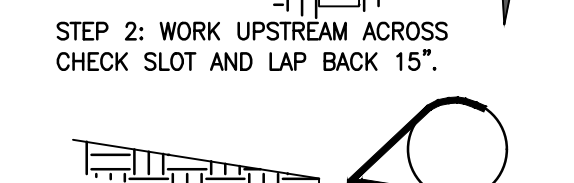
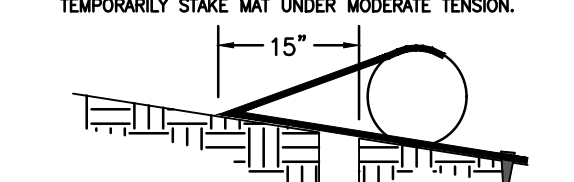
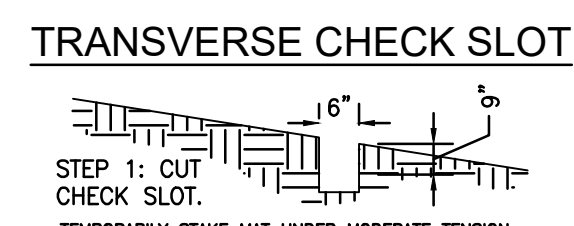
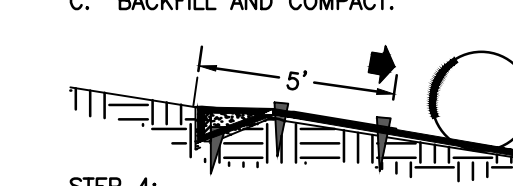
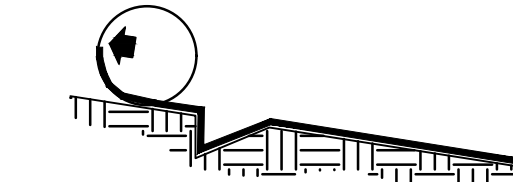
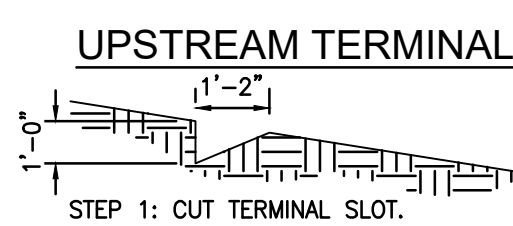
TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE (LBS/AC)		N TOP DRESSING RATE (LBS/AC)
			ALONE	IN MIXTURES	
1. COOL SEASON GRASSES	FIRST	6-12-12	1500	50-100	-
	SECOND	6-12-12	1000	-	-
	MAINTENANCE	10-10-10	400	30	-
2. COOL SEASON GRASSES AND LEGUMES	FIRST	6-12-12	500	0-50	-
	SECOND	0-10-10	1000	-	-
	MAINTENANCE	0-10-10	400	-	-
3. GROUND COVERS	FIRST	10-10-10	1300	-	-
	SECOND	10-10-10	1300	-	-
	MAINTENANCE	10-10-10	1100	-	-
4. SHRUB LESPEDEZA	FIRST	0-10-10	700	-	-
	MAINTENANCE	0-10-10	700	-	-
5. WARM SEASON GRASSES	FIRST	6-12-12	1500	50-100	-
	SECOND	6-12-12	800	50-100	-
	MAINTENANCE	10-10-10	400	30	-
6. WARM SEASON GRASSES AND LEGUMES	FIRST	6-12-12	1500	50	-
	SECOND	0-10-10	1000	-	-
	MAINTENANCE	0-10-10	400	-	-

**LIMING RATES**

AGRICULTURAL LIME IS REQUIRED AT THE RATE OF ONE TO TWO TONS PER ACRE UNLESS SOIL TESTS INDICATE OTHERWISE. GRADED AREAS REQUIRE LIME APPLICATION. IF LIME IS APPLIED WITHIN SIX MONTHS OF PLANTING PERMANENT PERENNIAL VEGETATION, ADDITIONAL LIME IS NOT REQUIRED. AGRICULTURAL LIME SHALL BE WITHIN THE SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF AGRICULTURE.

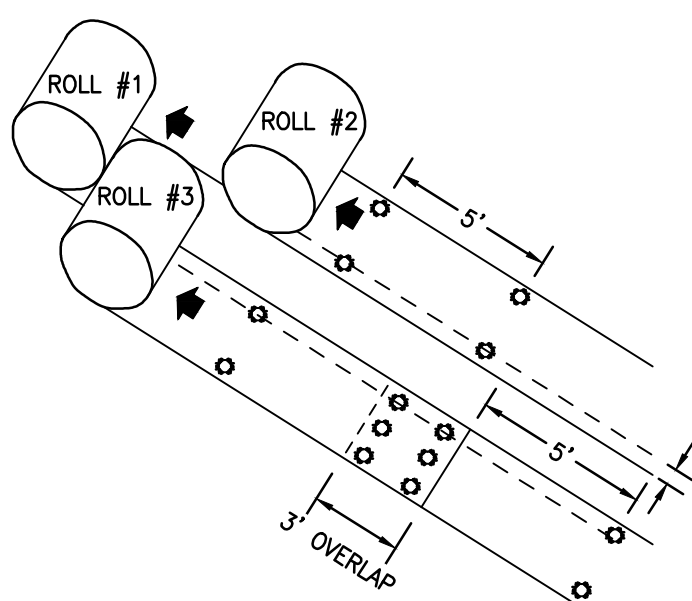
**NOTES:**

- THE ABOVE APPLICATION RATES ARE FOR EROSION CONTROL PURPOSES ONLY.
- RESOURCE AREA "p" REPRESENTS SOUTHERN PIEDMONT MAJOR LAND RESOURCE AREA (MLRA). SEE LANDSCAPE PLAN FOR PERMANENT VEGETATION.



- NOTES:**
- START AT DOWNSTREAM TERMINAL AND PROGRESS UPSTREAM.
  - FIRST ROLL IS CENTERED LONGITUDINALLY IN MID-CHANNEL AND PINNED WITH TEMPORARY STAKES TO MAINTAIN ALIGNMENT.
  - SUBSEQUENT ROLLS FOLLOW IN STAGGERED SEQUENCE BEHIND THE FIRST ROLL. USE THE CENTER ROLL FOR ALIGNMENT TO THE CHANNEL CENTER.
  - WORK OUTWARDS FROM THE CHANNEL CENTER TO THE EDGE.
  - USE 3" OVERLAPS AND STAKE AT 5' INTERVALS ALONG THE SEAMS.
  - USE 3" OVERLAPS AND SHINGLE DOWNSTREAM TO CONNECT THE LINING AT THE ROLL ENDS.

**SEQUENTIAL ROLL RUN OUT IN CHANNELS**



**1** DISTURBED AREA STABILIZATION

SCALE: N.T.S.

Ds1 Ds2 Ds3

**2** SLOPE STABILIZATION

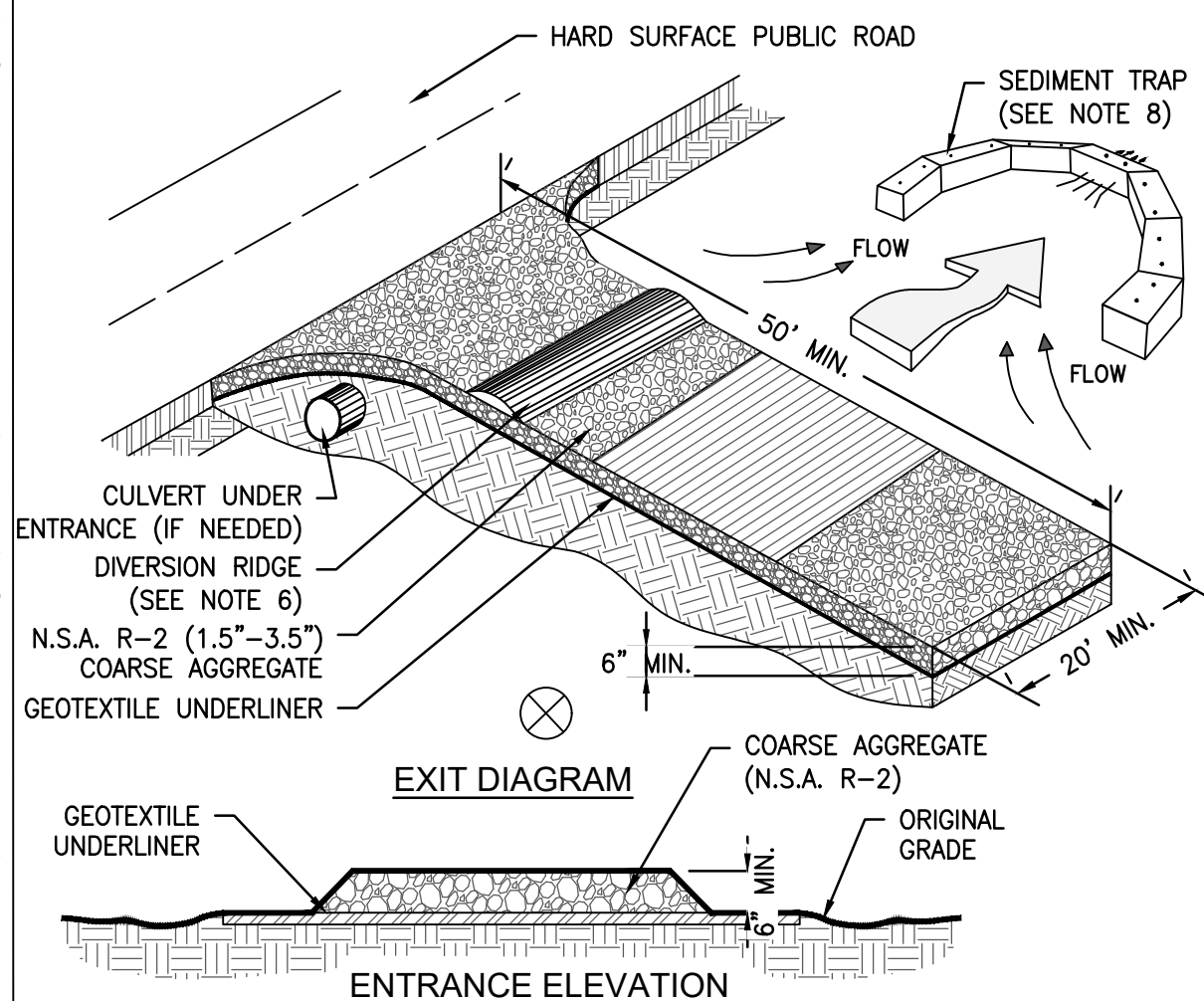
SCALE: N.T.S.

Ss

**3** DUST CONTROL

SCALE: N.T.S.

Du

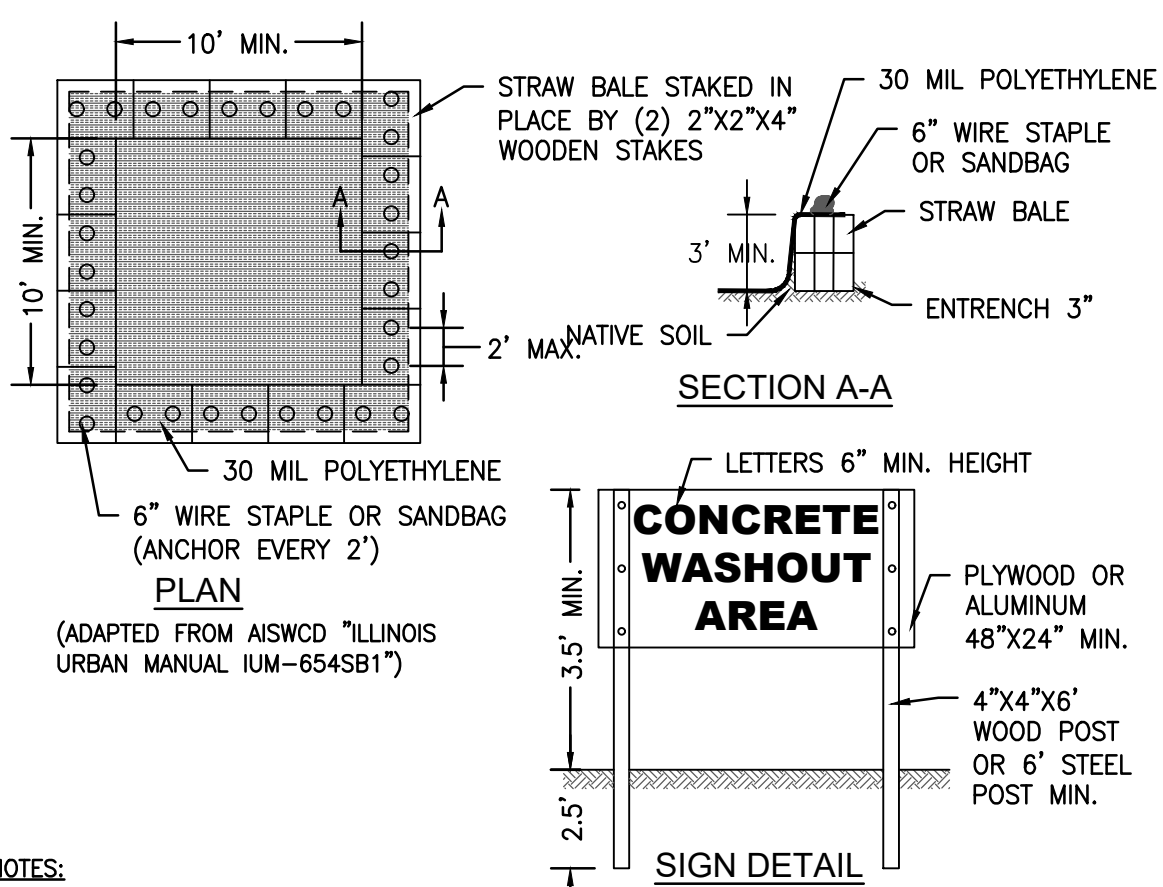


- NOTES:**
- AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
  - WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
  - 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.
  - 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.

**4** CONSTRUCTION EXIT

SCALE: N.T.S.

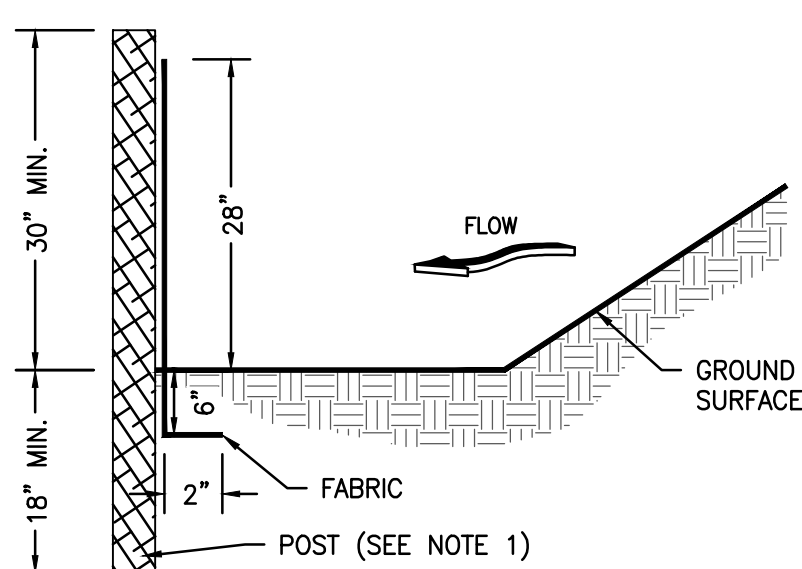
Co



- NOTES:**
- WASHOUT OF THE CONCRETE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.
  - PREFABRICATED CONCRETE WASHOUT FACILITIES MAY BE USED. PREFABRICATED FACILITIES SHALL BE WATER-TIGHT AND OF SUFFICIENT VOLUME AND QUANTITY TO CONTAIN ALL THE LIQUIDS AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
  - PERFORM WASHOUT OF CONCRETE MIXER TRUCKS IN DESIGNATED AREAS ONLY.
  - EACH FACILITY SHALL HAVE APPROPRIATE SIGNAGE TO INFORM CONCRETE EQUIPMENT OPERATORS OF THE PROPER WASHOUT LOCATION(S).
  - EACH FACILITY SHALL BE LOCATED IN AN AREA PROTECTED FROM POSSIBLE DAMAGE FROM CONSTRUCTION TRAFFIC AND HAVE A STABILIZED ACCESS TO PREVENT TRACKING ONTO STREETS.
  - WASHOUT FACILITIES SHALL BE LOCATED ON LEVEL GROUND WITH A MINIMUM OF 50FT FROM STORM DRAIN INLETS AND ALL OPEN DRAINAGE FACILITIES.
  - THE WASHOUT FACILITY SHALL BE INSPECTED DAILY AND REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN THE CAPACITY OF CONCRETE WASTE. ACCUMULATED MATERIALS SHALL BE REMOVED ONCE THE FACILITY IS TWO-THIRDS FULL.
  - WASHOUT WATER SHALL NOT BE DISCHARGED INTO THE ENVIRONMENT.
  - SOLIDIFIED CONCRETE WASTE FROM WASHOUT FACILITIES SHALL BE DISPOSED OF IN ACCORDANCE WITH STATE LAWS.

**5** CONCRETE WASHOUT

SCALE: N.T.S.



**SIDE VIEW**

Table 6-27.4

TYPE FENCE	C
Tensile Strength (Lbs. Min.) (1) (ASTM D-4632)	Warp-260 Fill-180
Elongation (% Max.) (ASTM D-4632)	40
AOS (Apparent Opening Size) (Max. Sieve Size) (ASTM D-4751)	#30
Flow Rate (Gal/Min/Sq.Ft.) (GDT-87)	70
UV Stability (2) (ASTM D-4632 after 300 hours weathering in accordance with ASTM D-4355)	80
Bursting Strength (Psi Min.) (ASTM D-3786 Diaphragm Bursting Strength Tester)	175
Minimum Fabric Width (inches)	36

- (1) Minimum roll average of five specimens.  
(2) Percent of required initial minimum tensile strength.

**6** SEDIMENT BARRIER (SENSITIVE)  
TYPE C SILT FENCE

SCALE: N.T.S.

Sd1-S

Table 6-27.2 POST SIZE

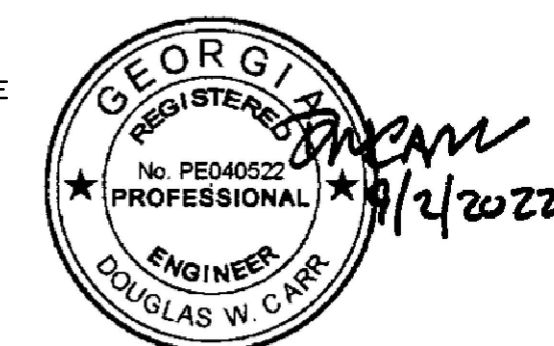
Type S	Minimum Length	Type of Post	Size of Post
	4'	Steel	1.15-1.25lb./ft. min. 2"x2"
		Oak	

- NOTES:**
- USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
  - ALONG ALL STATE WATERS AND OTHER SENSITIVE AREAS, TWO ROWS OF TYPE SENSITIVE SEDIMENT BARRIERS SHALL BE USED AND PLACED A MINIMUM 36 INCHES APART.
  - THE FABRIC AND WIRE SHOULD BE SECURELY FASTENED TO POSTS AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER.

Table 6-27.3 FASTENERS FOR WOOD POSTS

	Gauge	Crown	Legs	Staples/Post
Wire Staples	17 min.	3/4" wide	1/2" long	5 min.
	Gauge	Length	Button Heads	Nail/Post
Nails	14 min.	1"	3/4"	4 min.

Note: Filter fabric may also be attached to the post by wire, cord, and pockets.



PERMIT DRAWING - NOT FOR CONSTRUCTION

EROSION CONTROL DETAILS I

CCR CLOSURE

FOR

GEORGIA POWER

PLANT SCHERER ASH POND-1

MONROE COUNTY, GEORGIA

**AECOM**

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5438 WADE PARK BOULEVARD  
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SCALE: NOT TO SCALE

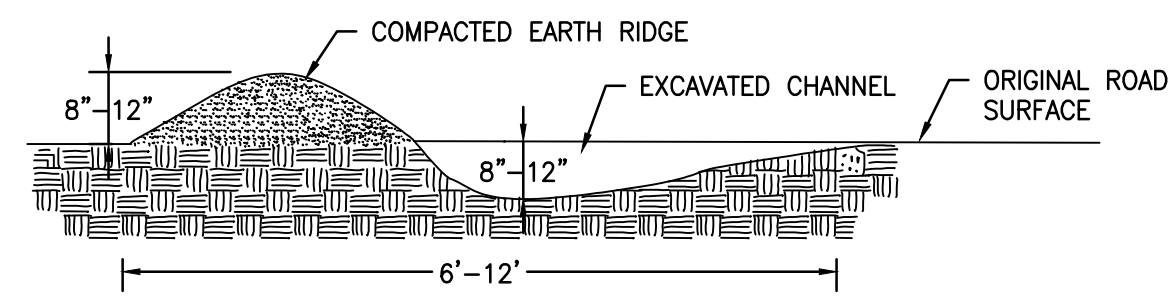
DATE: 09/02/2022

DWG. NA EDIT REVISION 1

SHEET 29 OF 34

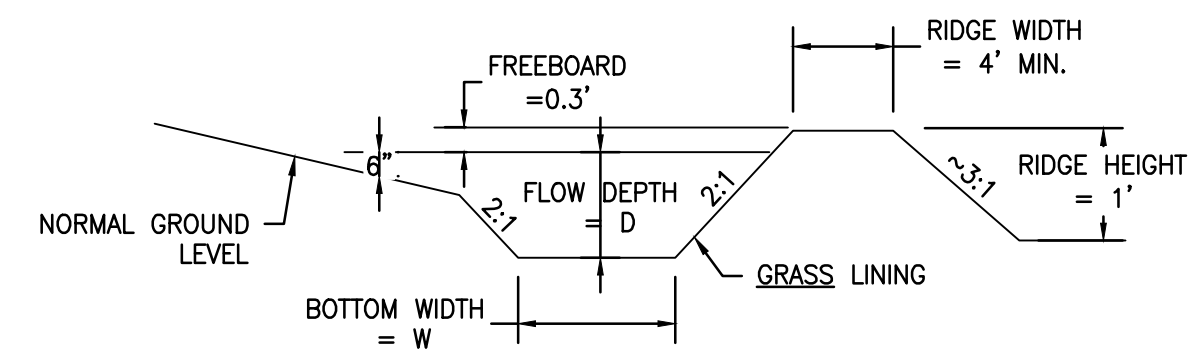


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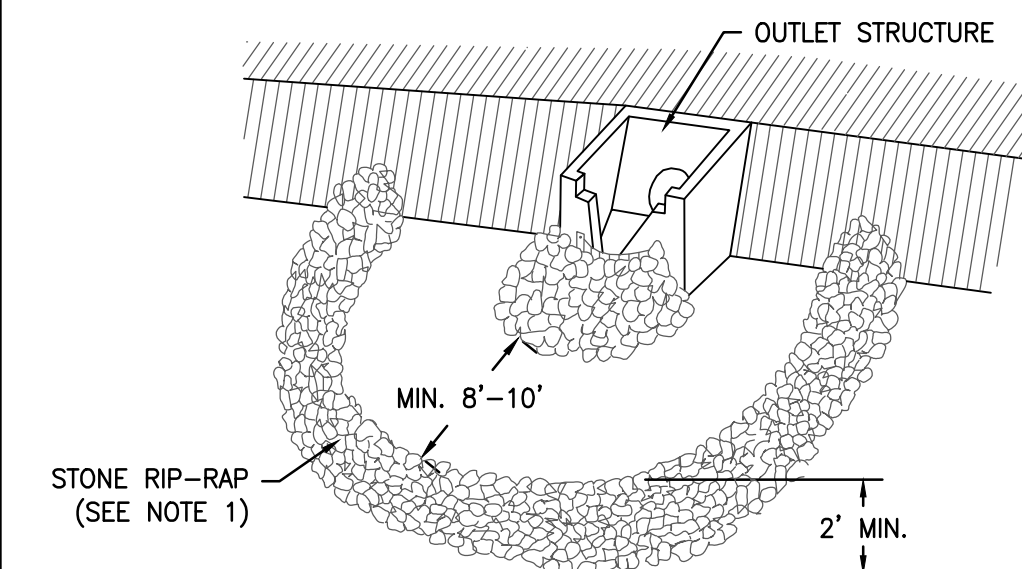
DIVERSIONS INSTALLED TO DIVERT WATER OFF A ROAD OR RIGHT-OF-WAY SHALL CONSIST OF A SERIES OF COMPACTED RIDGES OF SOIL RUNNING DIAGONALLY ACROSS THE ROAD AT A 30° ANGLE.

**TYPICAL DIVERSION ACROSS ROAD**

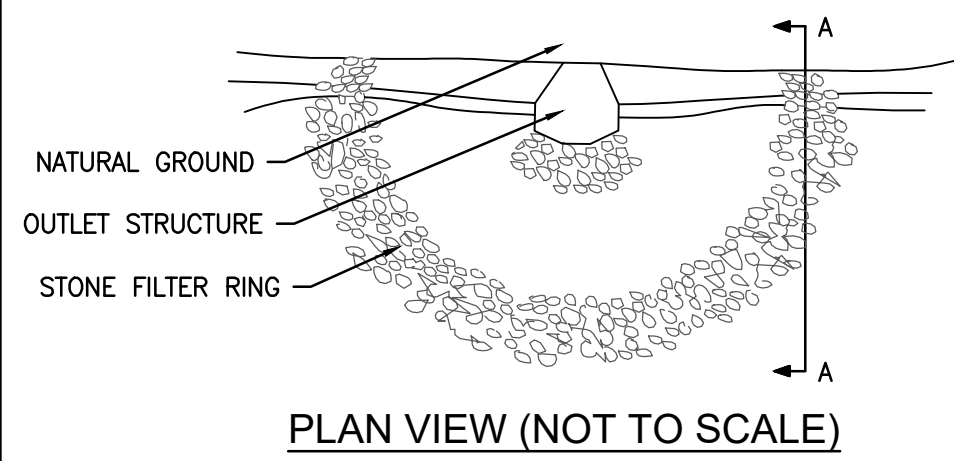


#	DA (AC)	Q10 (CFS)	SLOPE (%)	W (FT)	D10 (FT)	V10 (FT/S)
1A						
1D						
1E						
1H						
1J						
2D						
2E						
2H						
2J						

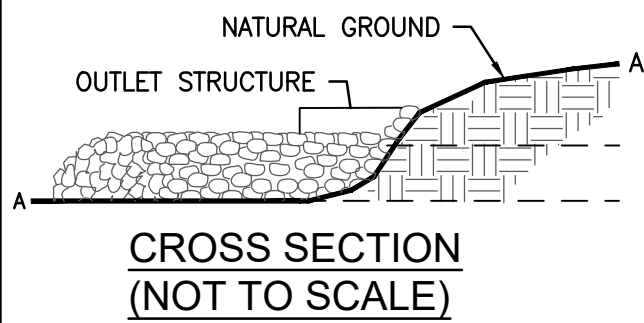
**1** DIVERSION DI  
SCALE: N.T.S.



**PERSPECTIVE VIEW**



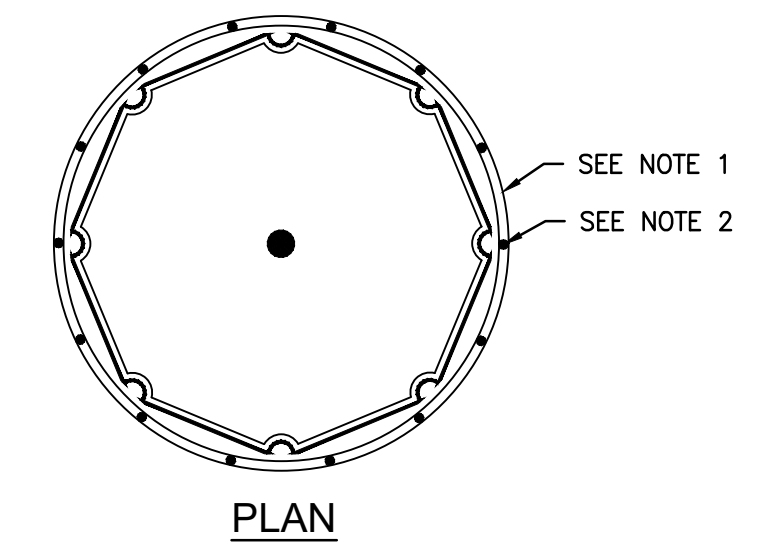
**PLAN VIEW (NOT TO SCALE)**



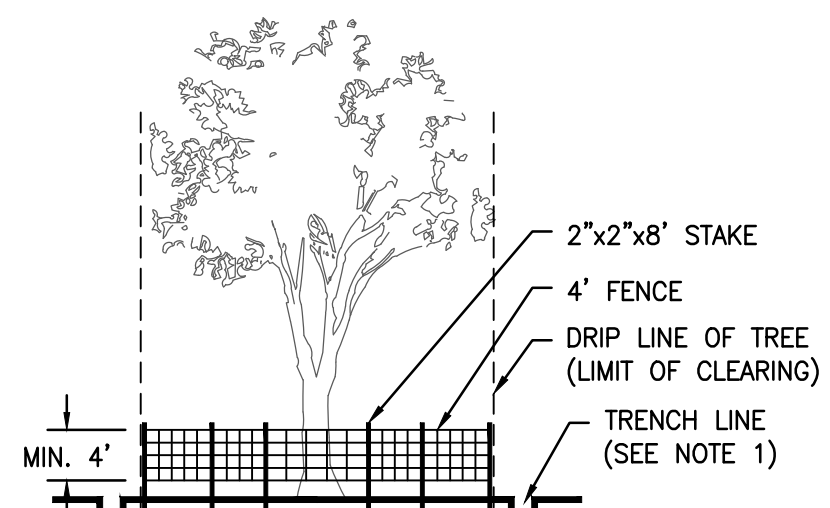
**CROSS SECTION (NOT TO SCALE)**

- NOTES:**
- WHEN UTILIZED AT INLETS WITH DIAMETERS LESS THAN 12 INCHES, THE FILTER RING SHALL BE CONSTRUCTED OF STONE NO SMALLER THAN 3-5 INCHES (15-30 LBS). WHEN UTILIZED AT PIPES WITH DIAMETERS GREATER THAN 12 INCHES, THE FILTER RING SHALL BE CONSTRUCTED OF STONE NO SMALLER THAN 10-15 INCHES (50-100 LBS).
  - THE LARGER STONE CAN BE FACED WITH SMALLER FILTER STONE ON THE UPSTREAM SIDE FOR ADDED SEDIMENT FILTERING CAPABILITIES. HOWEVER, THE SMALLER FILTER STONE IS MORE PRONE TO CLOGGING, REQUIRING HIGHER MAINTENANCE.
  - THE FILTER RING MUST BE KEPT CLEAR OF TRASH AND DEBRIS. CONTRACTOR SHALL REMOVE SEDIMENT WHEN ACCUMULATION REACHES 1/2 HEIGHT OF FILTER RING.
  - STRUCTURES ARE TEMPORARY AND SHALL BE REMOVED WHEN THE LAND DISTURBING PROJECT HAS BEEN STABILIZED.

**2** STONE FILTER RING Fr  
SCALE: N.T.S.



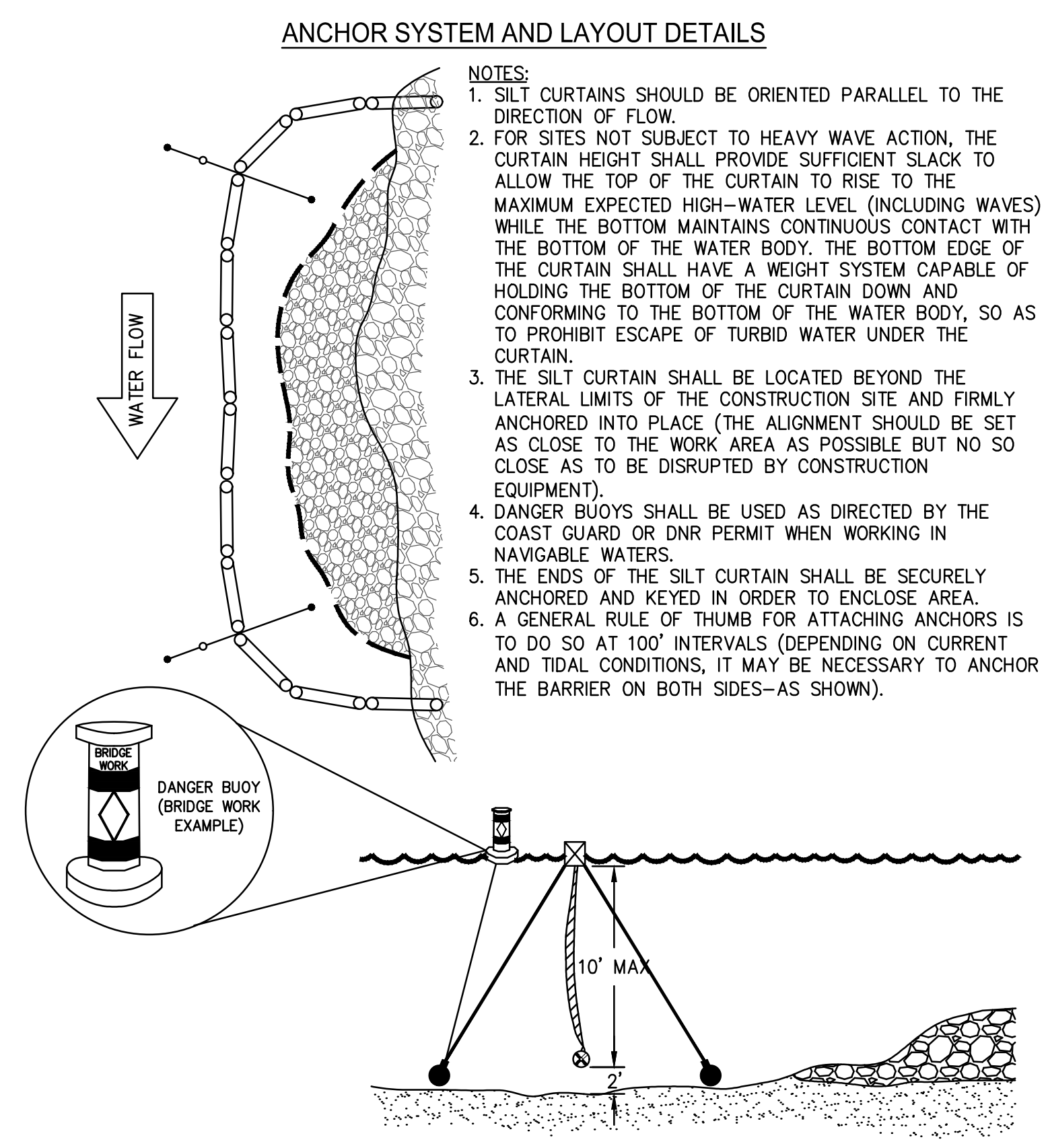
**PLAN**



**CROSS-SECTION**

- NOTES:**
- USE TRENCHER (I.E. DITCH WHICH) TO CUT A 4"-5" W X 18" D TRENCH ALONG DRIP LINE (LIMIT OF CLEARING) AND BACKFILL WITH SAND AND LIGHTLY COMPACT.
  - SPACE STAKES AT INTERVALS SUFFICIENT TO MAINTAIN ALL FENCING OUT OF DRIP LINE OR AS SHOWN BY ENGINEER (SET STAKES NO GREATER THAN 6 FEET ON CENTER-REBAR IS NOT TO BE USED FOR STAKES).
  - MAINTAIN FENCE BY REPAIRING AND/OR REPLACING DAMAGED FENCE. DO NOT REMOVE FENCING PRIOR TO LANDSCAPING OPERATIONS.
  - DO NOT STORE OR STACK MATERIALS, EQUIPMENT, OR VEHICLES WITHIN FENCED AREA.
  - FENCE SHALL BE ORANGE VINYL "SNOW FENCE" 4' HIGH MINIMUM.

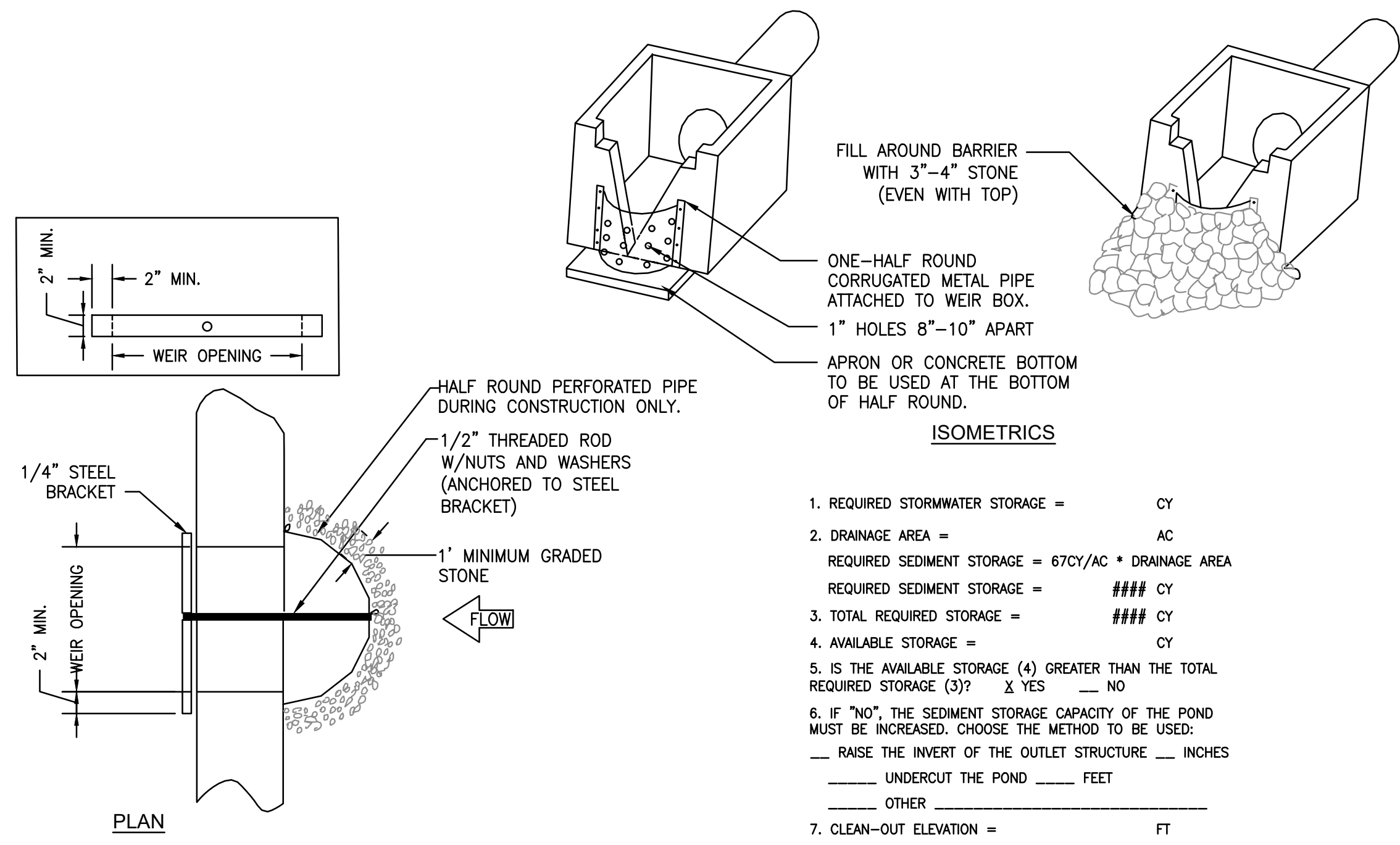
**3** TREE PROTECTION FENCE Tr  
SCALE: N.T.S.



**ANCHOR SYSTEM AND LAYOUT DETAILS**

- NOTES:**
- SILT CURTAINS SHOULD BE ORIENTED PARALLEL TO THE DIRECTION OF FLOW.
  - FOR SITES NOT SUBJECT TO HEAVY WAVE ACTION, THE CURTAIN HEIGHT SHALL PROVIDE SUFFICIENT SLACK TO ALLOW THE TOP OF THE CURTAIN TO RISE TO THE MAXIMUM EXPECTED HIGH-WATER LEVEL (INCLUDING WAVES) WHILE THE BOTTOM MAINTAINS CONTINUOUS CONTACT WITH THE BOTTOM OF THE WATER BODY. THE BOTTOM EDGE OF THE CURTAIN SHALL HAVE A WEIGHT SYSTEM CAPABLE OF HOLDING THE BOTTOM OF THE CURTAIN DOWN AND CONFORMING TO THE BOTTOM OF THE WATER BODY, SO AS TO PROHIBIT ESCAPE OF TURBID WATER UNDER THE CURTAIN.
  - THE SILT CURTAIN SHALL BE LOCATED BEYOND THE LATERAL LIMITS OF THE CONSTRUCTION SITE AND FIRMLY ANCHORED INTO PLACE (THE ALIGNMENT SHOULD BE SET AS CLOSE TO THE WORK AREA AS POSSIBLE BUT NO SO CLOSE AS TO BE DISRUPTED BY CONSTRUCTION EQUIPMENT).
  - DANGER BUOYS SHALL BE USED AS DIRECTED BY THE COAST GUARD OR DNR PERMIT WHEN WORKING IN NAVIGABLE WATERS.
  - THE ENDS OF THE SILT CURTAIN SHALL BE SECURELY ANCHORED AND KEYS IN ORDER TO ENCLOSE AREA.
  - A GENERAL RULE OF THUMB FOR ATTACHING ANCHORS IS TO DO SO AT 10' INTERVALS (DEPENDING ON CURRENT AND TIDAL CONDITIONS, IT MAY BE NECESSARY TO ANCHOR THE BARRIER ON BOTH SIDES-AS SHOWN).

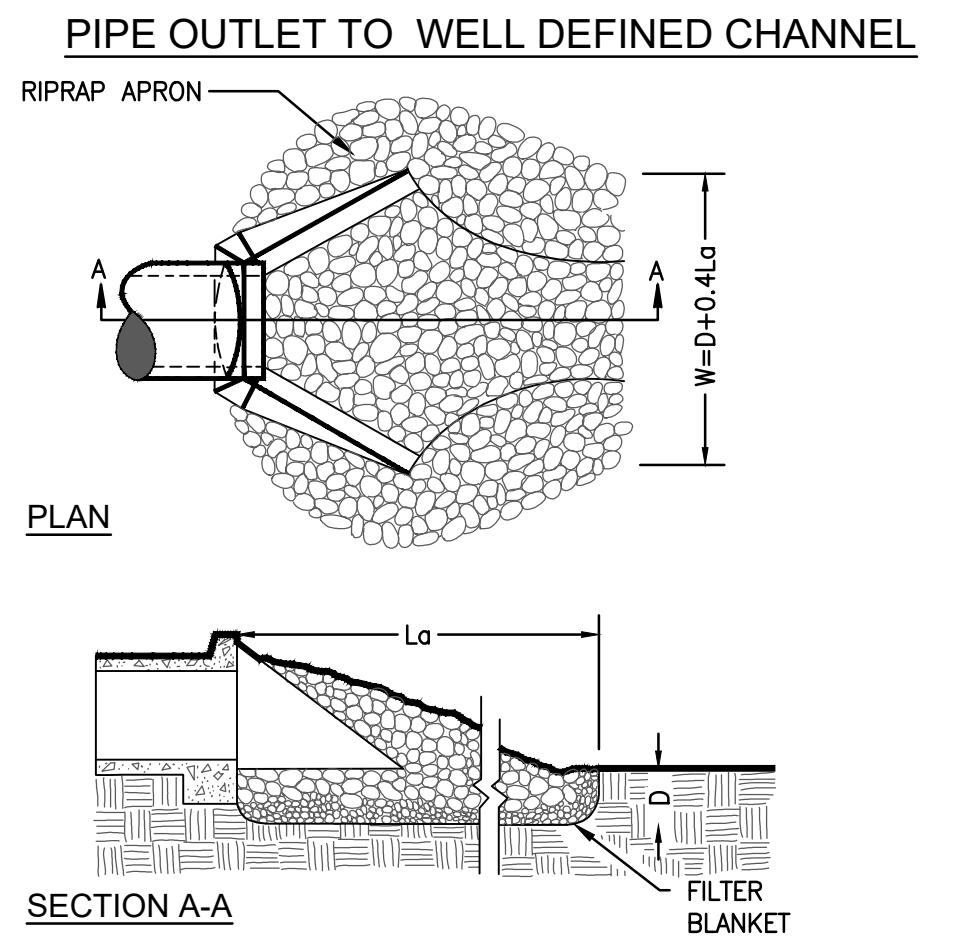
**4** TURBIDITY CURTAIN Tc  
SCALE: N.T.S.



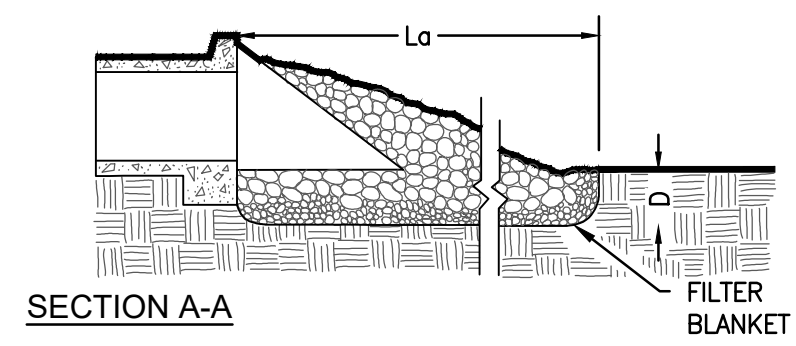
**ISOMETRICS**

- REQUIRED STORMWATER STORAGE = \_\_\_\_\_ CY
- DRAINAGE AREA = \_\_\_\_\_ AC  
REQUIRED SEDIMENT STORAGE = 67CY/AC \* DRAINAGE AREA  
REQUIRED SEDIMENT STORAGE = #### CY
- TOTAL REQUIRED STORAGE = #### CY
- AVAILABLE STORAGE = \_\_\_\_\_ CY
- IS THE AVAILABLE STORAGE (4) GREATER THAN THE TOTAL REQUIRED STORAGE (3)?  YES  NO
- IF "NO", THE SEDIMENT STORAGE CAPACITY OF THE POND MUST BE INCREASED. CHOOSE THE METHOD TO BE USED:  
\_\_\_ RAISE THE INVERT OF THE OUTLET STRUCTURE \_\_\_ INCHES  
\_\_\_ UNDERCUT THE POND \_\_\_ FEET  
\_\_\_ OTHER \_\_\_\_\_
- CLEAN-OUT ELEVATION = \_\_\_\_\_ FT  
(ELEVATION CORRESPONDING TO 22CY/AC \* DRAINAGE AREA)
- IS THE LENGTH-WIDTH RATIO 2:1 OR GREATER?  
\_\_\_ YES \_\_\_ NO
- IF "NO", THE LENGTH OF FLOW MUST BE INCREASED. CHOOSE THE METHOD TO BE USED:  
\_\_\_ BAFFLES (TYPE OF BAFFLE: \_\_\_\_\_)  
\_\_\_ OTHER \_\_\_\_\_
- IF HALF-ROUND CMP RETROFIT IS TO BE USED:  
DIAMETER = \_\_\_\_\_ INCHES HEIGHT = \_\_\_\_\_ FEET

**5** RETROFIT - PERFORATED HALF ROUND PIPE Rt-P  
SCALE: N.T.S.



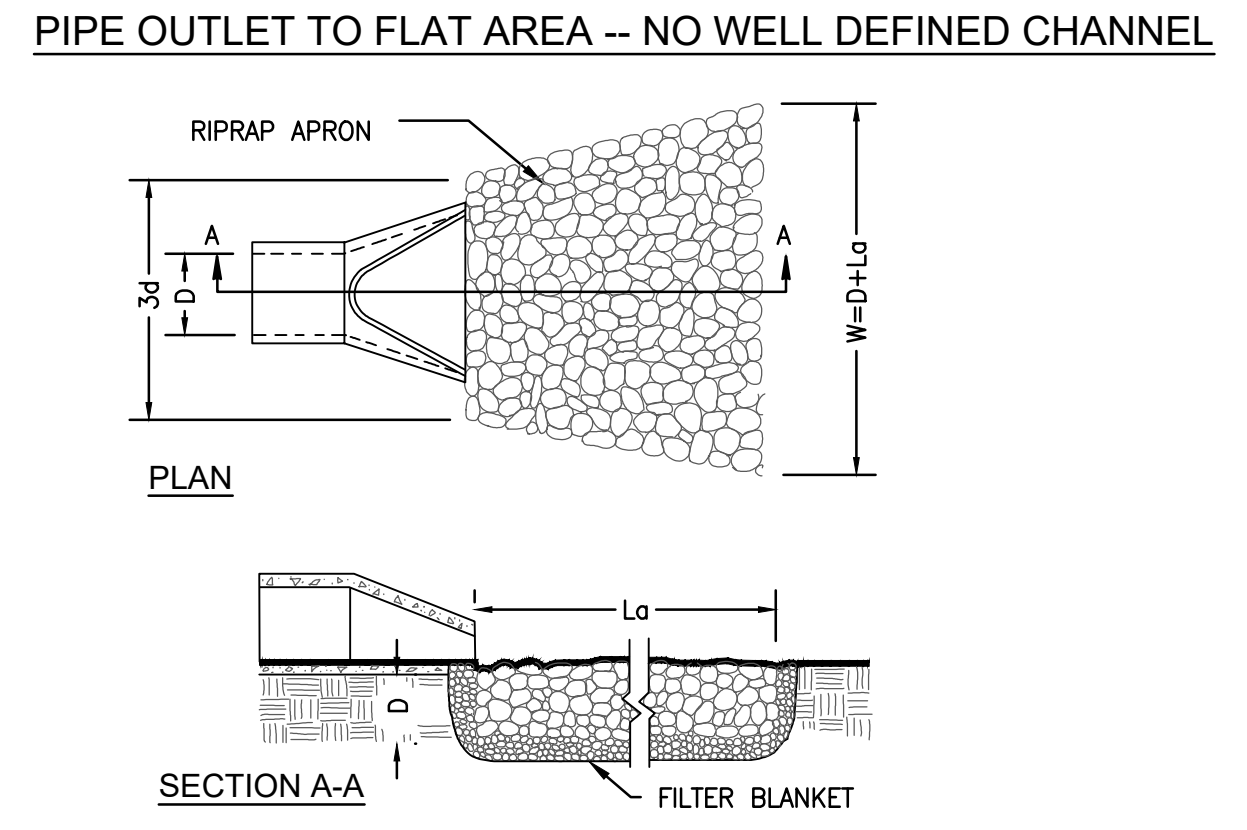
**PLAN**



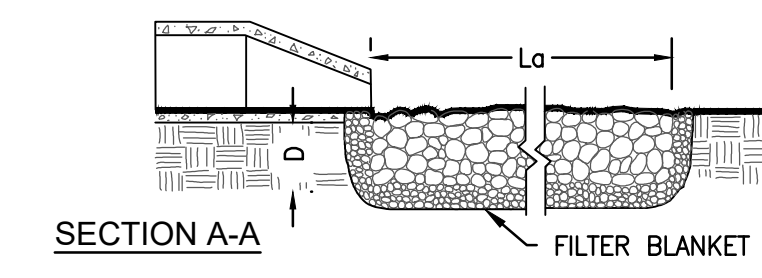
**SECTION A-A**

STRUCTURE ID	25-YR FLOW RATE (CFS)	25-YR FLOW VELOCITY (FT/S)	LENGTH OF RIPRAP APRON	OUTLET PIPE DIAMETER (FT)	UPSTREAM APRON WIDTH (FT)	DOWNSTREAM APRON WIDTH (FT)	APRON THICKNESS (IN)	AVERAGE STONE DIAMETER (IN)	MAXIMUM STONE DIAMETER (IN)
Q25									
V25									
La									
d									
3d									
W									
D									
d50									
dmax									

**6** RIPRAP OUTLET PROTECTION St  
SCALE: N.T.S.



**PLAN**

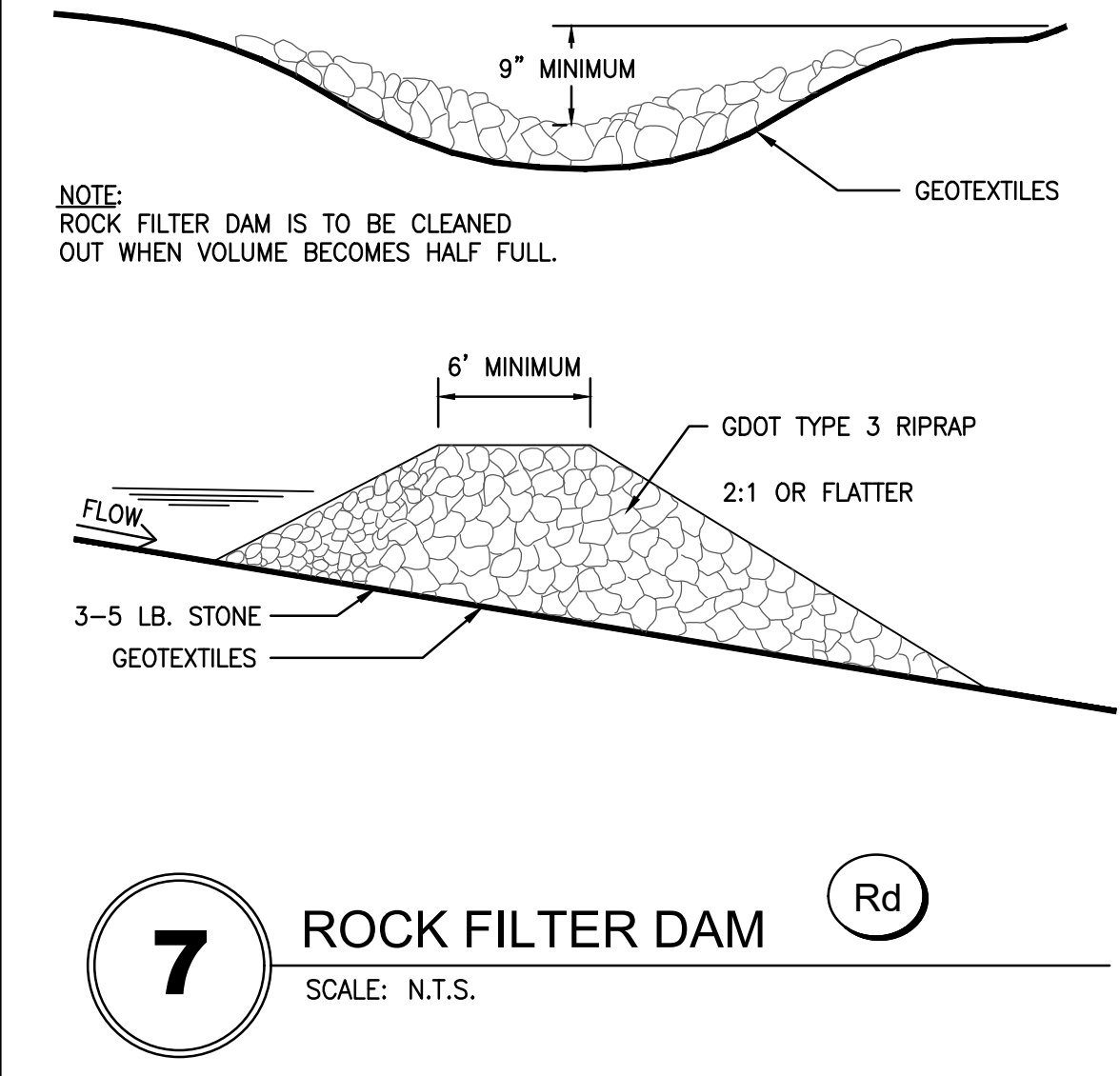


**SECTION A-A**

- NOTES:**
- La IS THE LENGTH OF THE RIPRAP APRON.
  - D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
  - IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
  - A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.



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**NOTE:**  
ROCK FILTER DAM IS TO BE CLEANED OUT WHEN VOLUME BECOMES HALF FULL.

**7** ROCK FILTER DAM Rd  
SCALE: N.T.S.

**EROSION CONTROL DETAILS II**  
**CCR CLOSURE**  
FOR  
GEORGIA POWER  
PLANT SCHERER ASH POND-1  
MONROE COUNTY, GEORGIA

**AECOM** 5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607

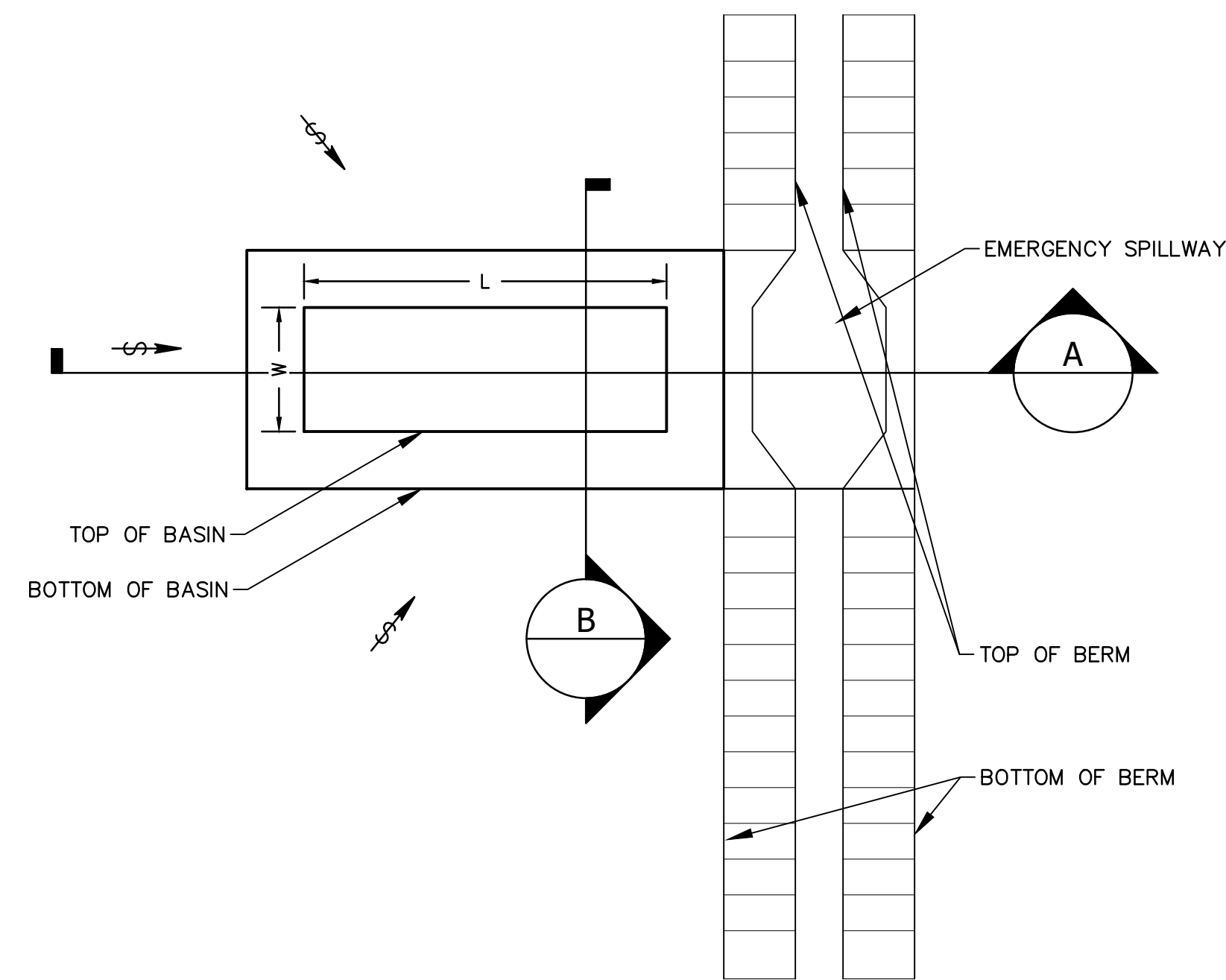
(919) 461-1100 WWW.AECOM.COM

PROJ. NO.: 60563110 DWG. NA EDIT REVISION 1

SCALE: NOT TO SCALE SHEET 30 OF 34

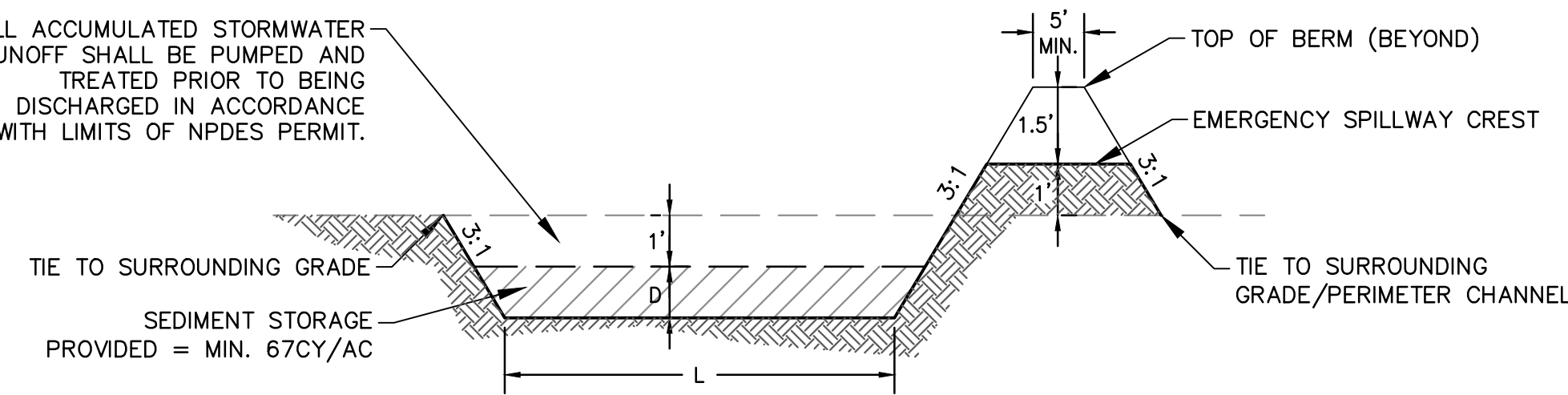
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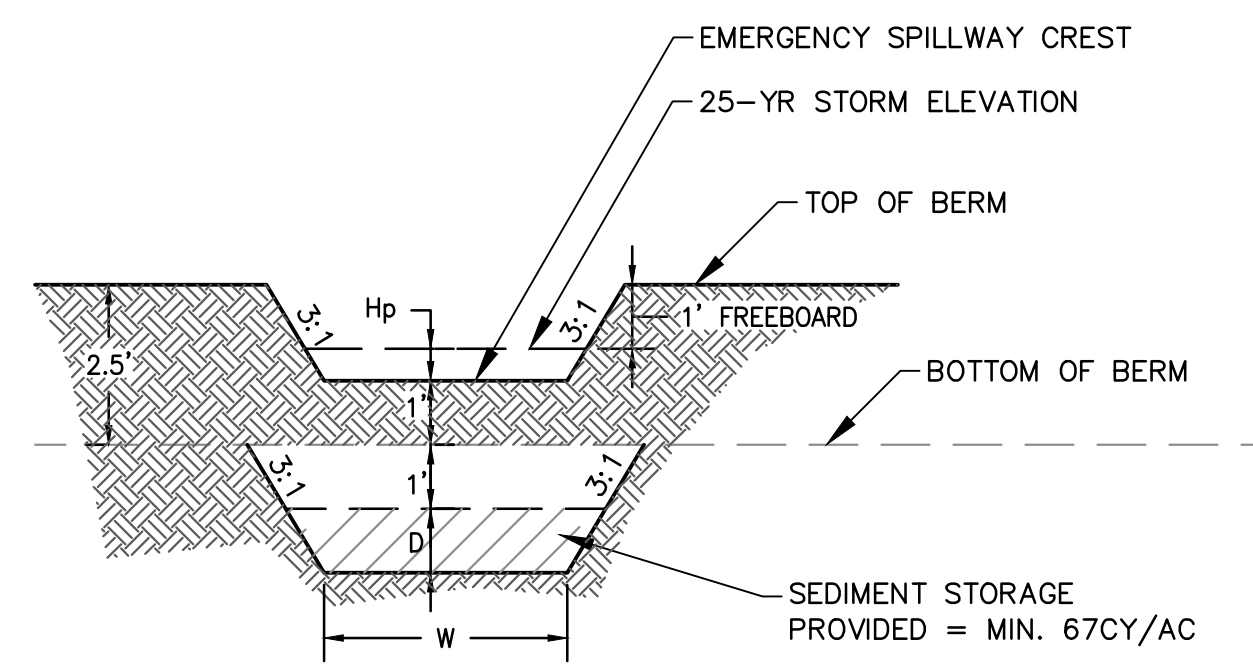


**PLAN**

ALL ACCUMULATED STORMWATER RUNOFF SHALL BE PUMPED AND TREATED PRIOR TO BEING DISCHARGED IN ACCORDANCE WITH LIMITS OF NPDES PERMIT.

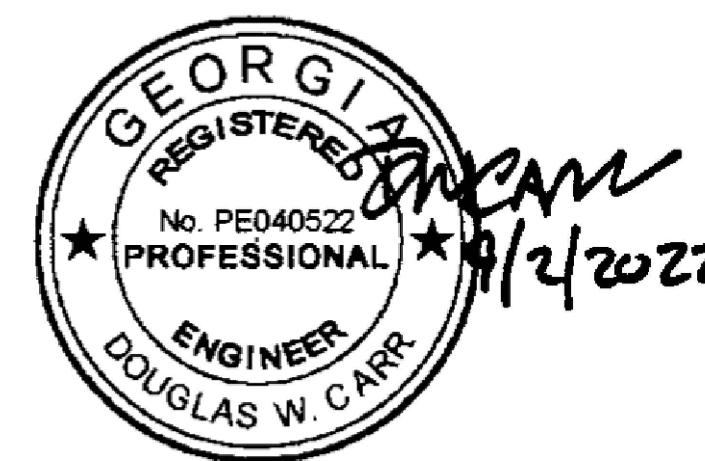


**SECTION A-A**



**SECTION B-B**

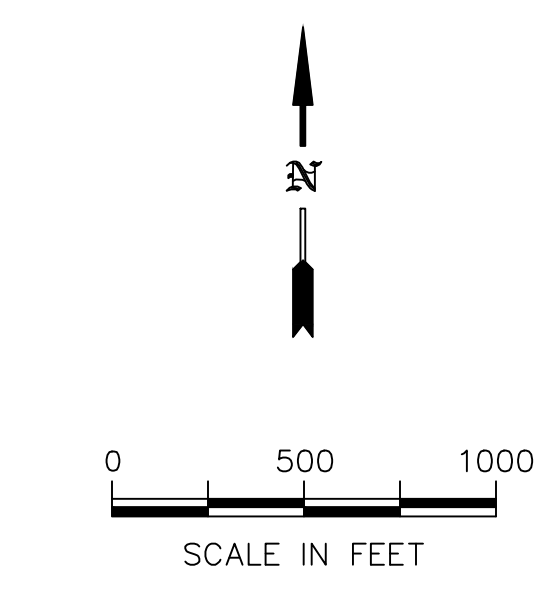
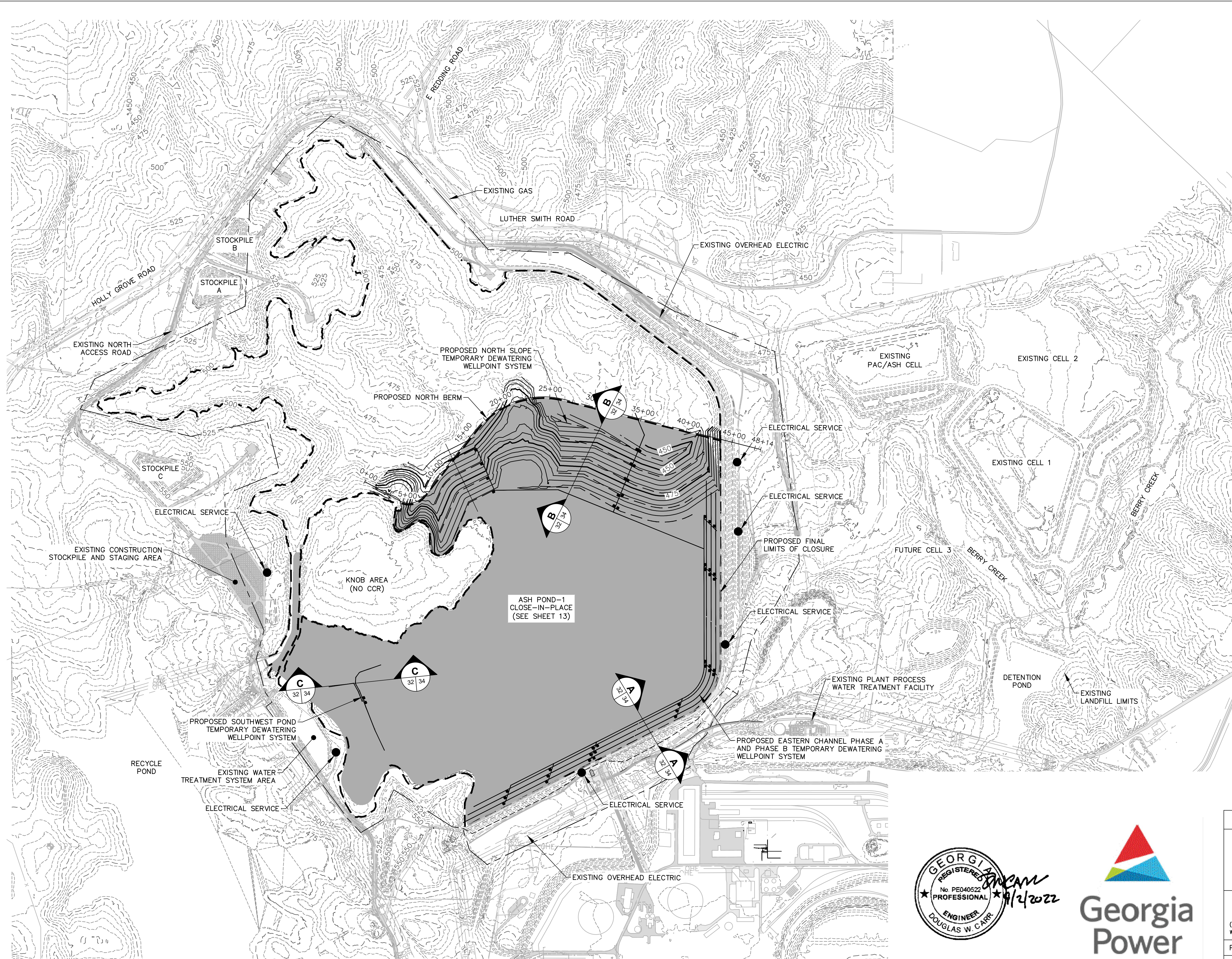
**1** TEMPORARY SEDIMENT BASIN **Sd3**  
SCALE: N.T.S.



EROSION CONTROL DETAILS III			
CCR CLOSURE FOR GEORGIA POWER PLANT SCHERER ASH POND-1 MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
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SCALE: NOT TO SCALE	SHEET 31 OF 34		
DATE: 09/02/2022			

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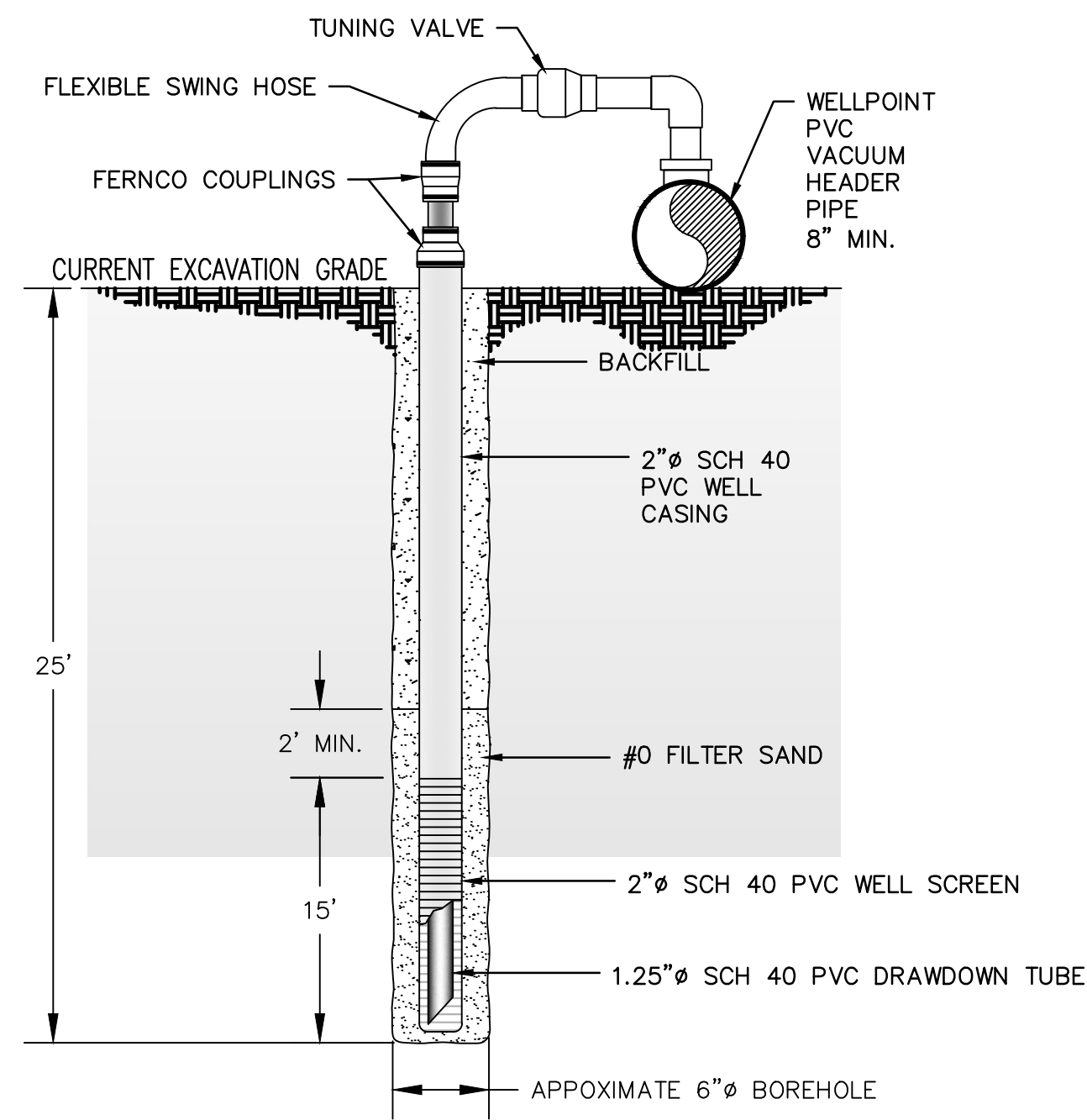
- LEGEND**
- PHASE A DEWATERING WELLPOINT LINE
  - PHASE B DEWATERING WELLPOINT LINE
  - DEWATERING DISCHARGE LINE
  - WELLPOINT DEWATERING PUMP



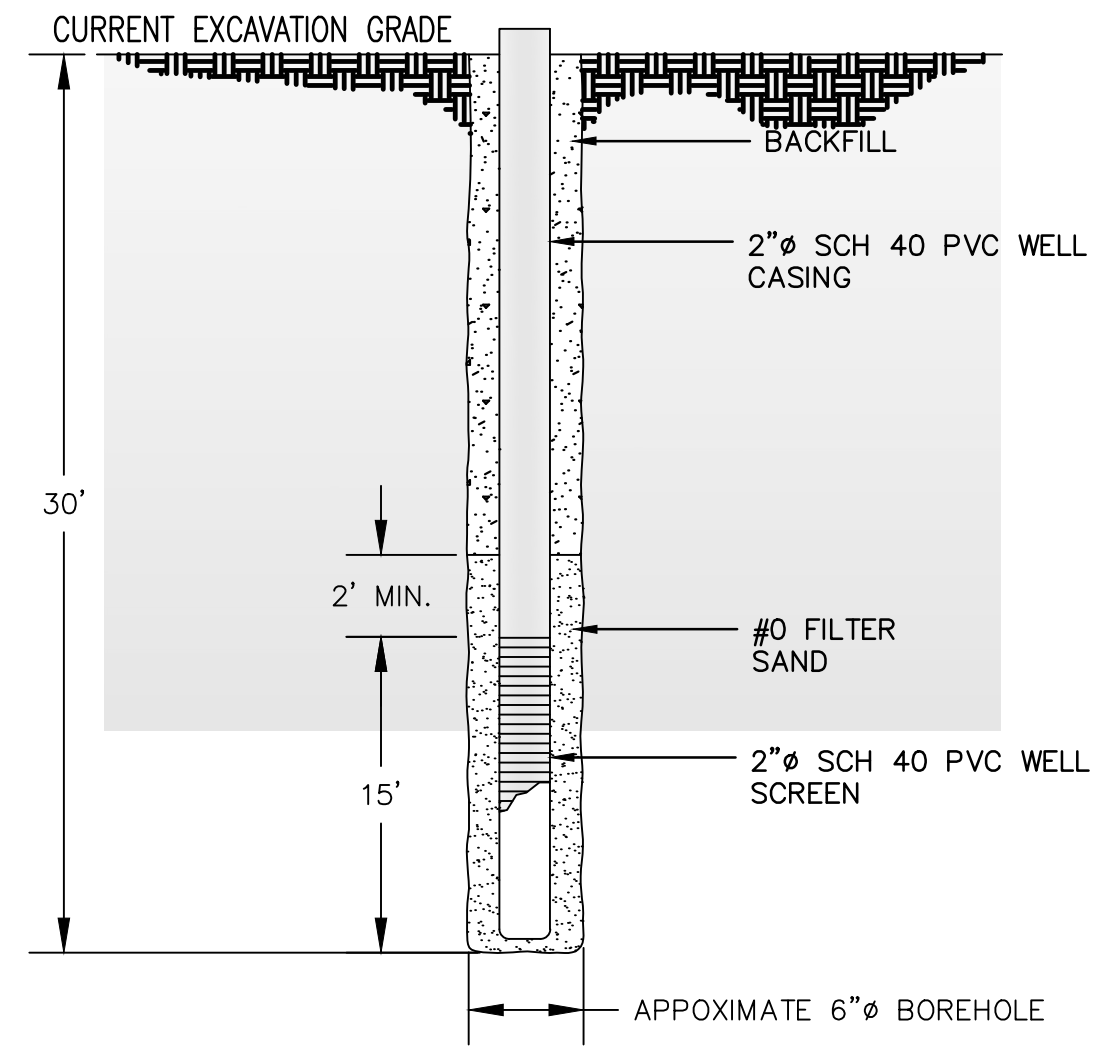
DEWATERING SITE PLAN			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
<b>AECOM</b>		5438 WADE PARK BOULEVARD SUITE 200 RALEIGH, NC 27607	
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 1
SCALE: 1"=500'	SHEET 32 OF 34		
DATE: 09/02/2022			

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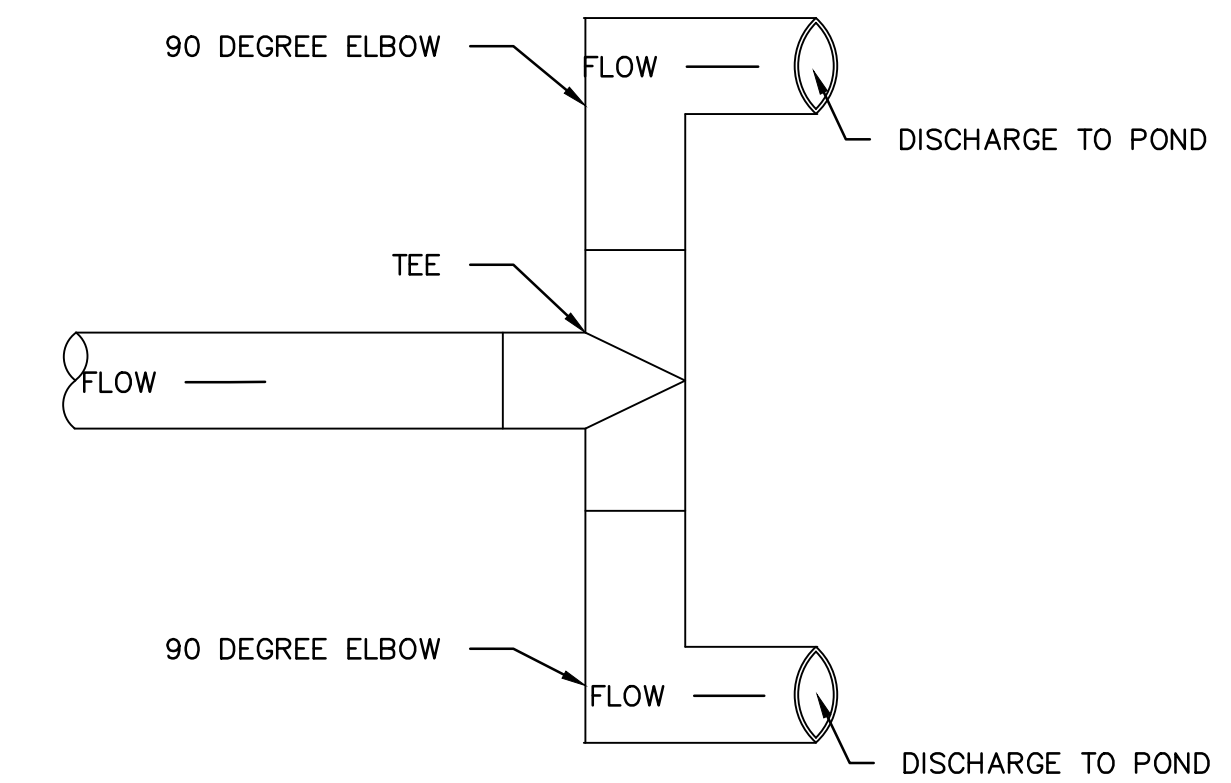
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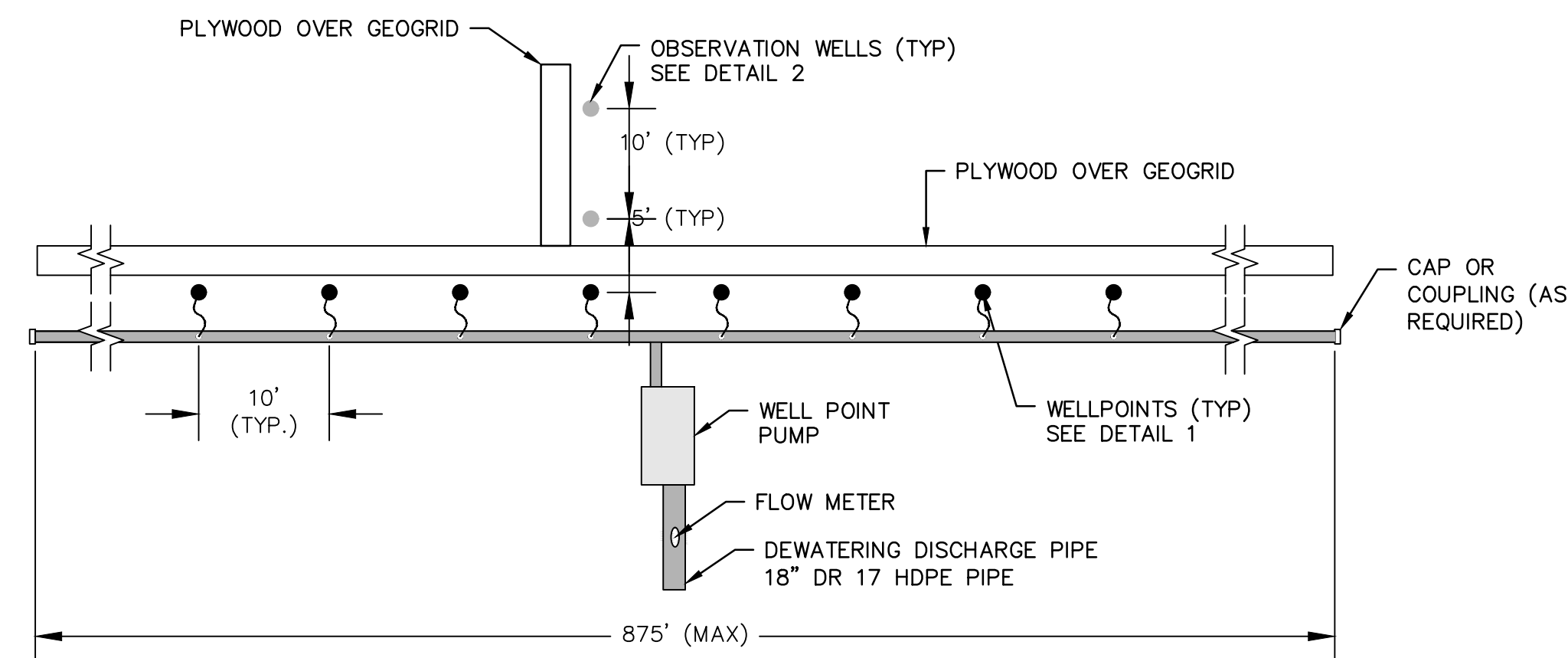
**1 WELLPOINT DETAIL**  
32 33 N.T.S.



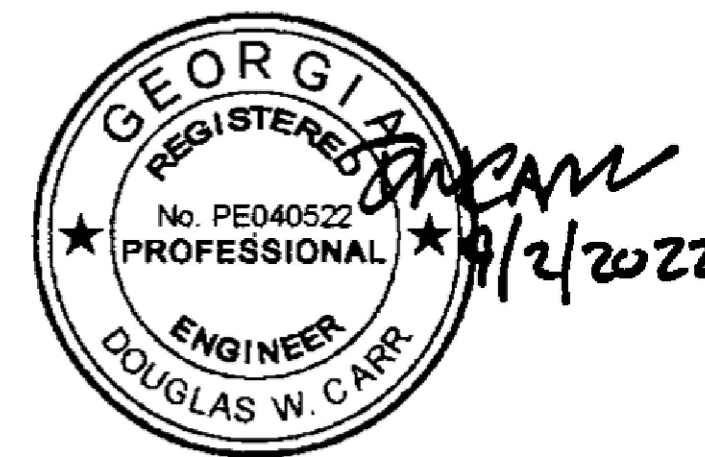
**2 WELLPOINT AS OBSERVATION WELL DETAIL**  
33 N.T.S.



**4 TYPICAL PIPE TERMINATION**  
34 33 N.T.S.



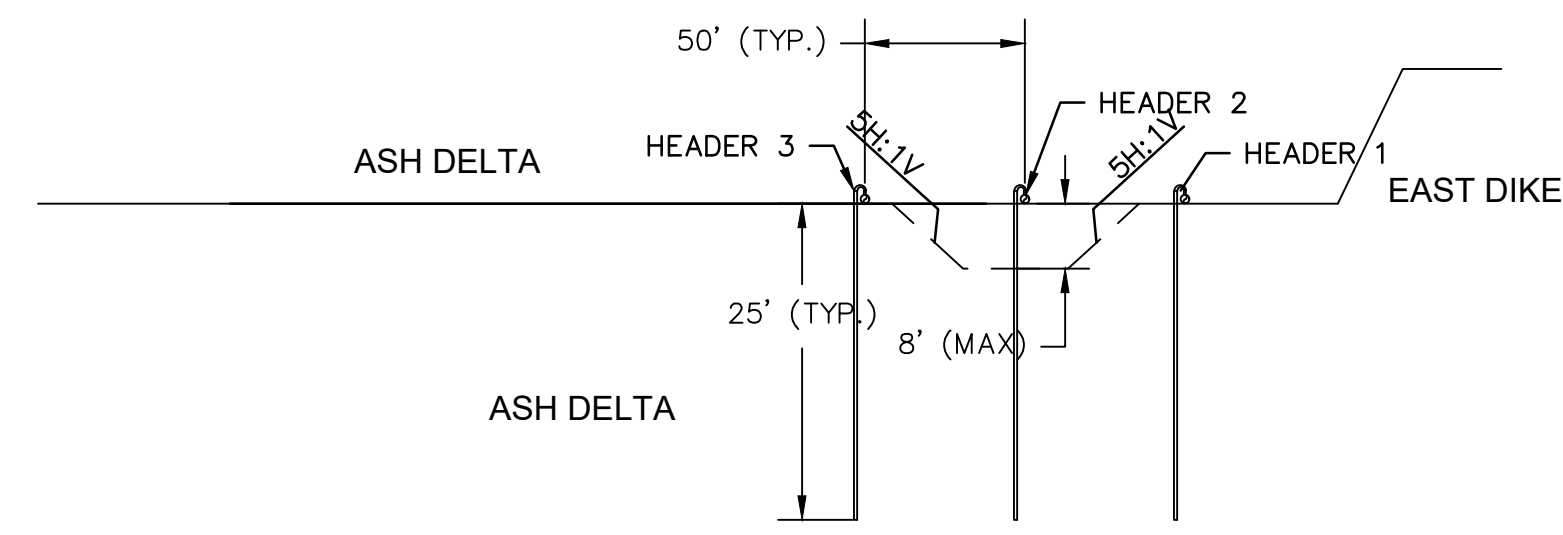
**3 VACUUM WELLPOINT LAYOUT PLAN**  
34 33 N.T.S.



DEWATERING DETAILS I			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
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SCALE: NOT TO SCALE	SHEET 33 OF 34		
DATE: 09/02/2022			

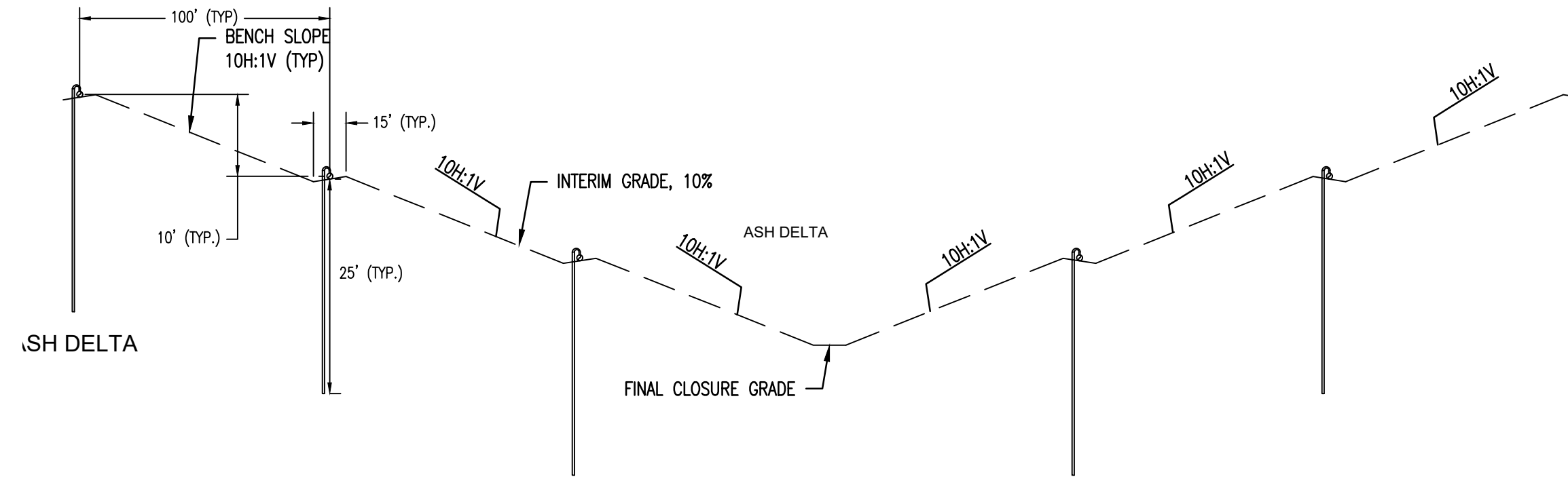
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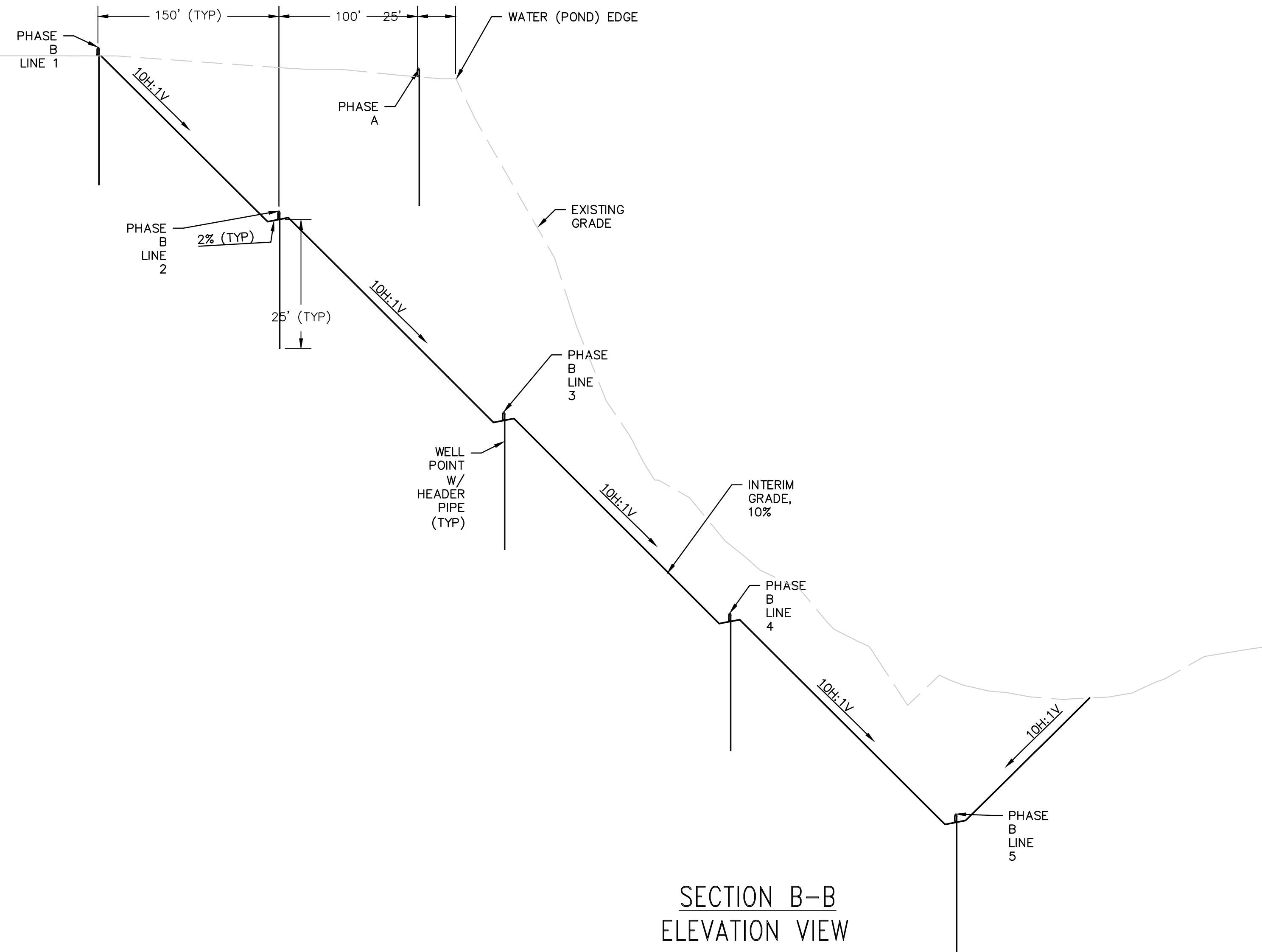
SECTION A-A  
ELEVATION VIEW

**A-A** TYPICAL PHASE A WELLPOINT INSTALLATION  
DETAIL AT EASTERN STORMWATER CHANNEL  
32 34 N.T.S.



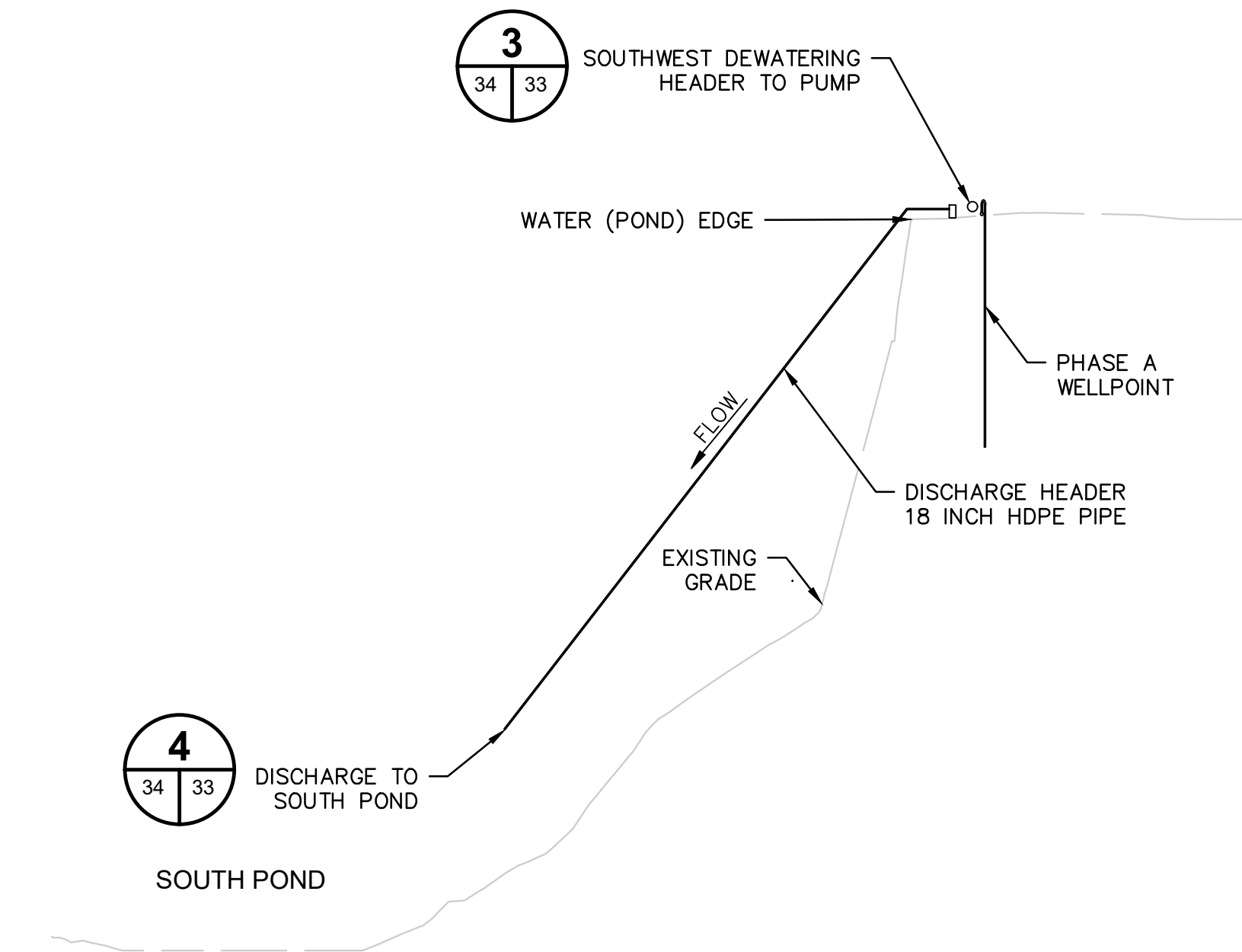
SECTION A-A  
ELEVATION VIEW

**A-A** TYPICAL PHASE B WELLPOINT INSTALLATION  
DETAIL AT EASTERN STORMWATER CHANNEL  
32 34 N.T.S.



SECTION B-B  
ELEVATION VIEW

**B-B** TYPICAL WELLPOINT INSTALLATION DETAIL AT NORTH DELTA  
32 34 N.T.S.



SECTION C-C  
ELEVATION VIEW

**C-C** TYPICAL WELLPOINT INSTALLATION DETAIL AT SOUTH POND  
32 34 N.T.S.



DEWATERING DETAILS II			
CCR CLOSURE			
FOR			
GEORGIA POWER			
PLANT SCHERER ASH POND-1			
MONROE COUNTY, GEORGIA			
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DATE: 09/02/2022			

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