CCR CLOSURE PERMIT DRAWINGS

FOR

GEORGIA POWER
PLANT SCHERER ASH POND-1

MONROE COUNTY, GEORGIA
AUGUST 2024

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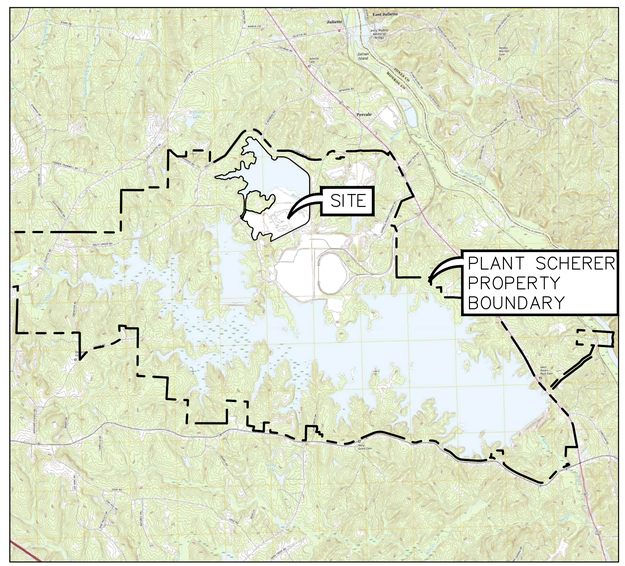
PBS/LD-2 OF 3	PROPERTY BOUNDARY SURVEY (2 OF 3)	0
PBS/LD-3 OF 3	PROPERTY BOUNDARY SURVEY (3 OF 3)	0



PROJECT SITE LOCATION

5,000 0 5,000 10,000
SCALE FEET
N

OWNER/OPERATOR
GEORGIA POWER COMPANY
241 RALPH MCGILL BOULEVARD
ATLANTA, GEORGIA 30308

RESPONSIBLE OFFICIAL
MANAGER
ENVIRONMENTAL AFFAIRS
GEORGIA POWER COMPANY
BIN 10221
241 RALPH MCGILL BOULEVARD
ATLANTA, GEORGIA 30308

ADDRESS
PLANT SCHERER
10986 GEORGIA HIGHWAY 87
JULIETTE, GEORGIA 31046

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

GEORGIA REGISTERED No. 41534 PROFESSIONAL ENGINEER 9-3-2024 CHET ALLEN DICKE

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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
		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
N/A		TREE
		ROADWAY EXTENTS (UNPAVED)
N/A		ROADWAY EXTENTS (PAVED)
	N/A	RIP RAP
N/A		BUILDINGS, STRUCTURES
N/A	OE OE OE / OE OE OE	TRANSMISSION TOWER
N/A		RAIL ROAD TRACKS
N/A		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

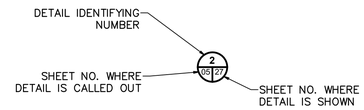
LEGEND (SECTION/PROFILE VIEW)

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

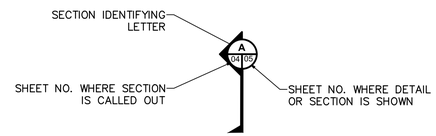
BORING/SURVEY SYMBOLS

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

DETAILING & SECTION IDENTIFICATION NOMENCLATURE



DETAIL REFERENCE ON SHEET WHERE DETAIL IS CALLED OUT



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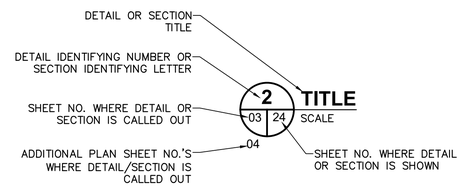

DETAIL OR SECTION, NUMBER OR LETTER & TITLE ON SHEET WHERE DETAIL OR SECTION IS SHOWN

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

NORTH ARROW

NOTES

1. *EXISTING GENERALLY REFERS TO CONDITIONS PRIOR TO INITIATION OF CLOSURE ACTIVITIES UNLESS OTHERWISE STATED.

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

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MASTER LEGEND & ABBREVIATIONS

CCR CLOSURE
FOR
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PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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SCALE: NONE	SHEET 02 OF 28		
DATE: 08/01/2024			

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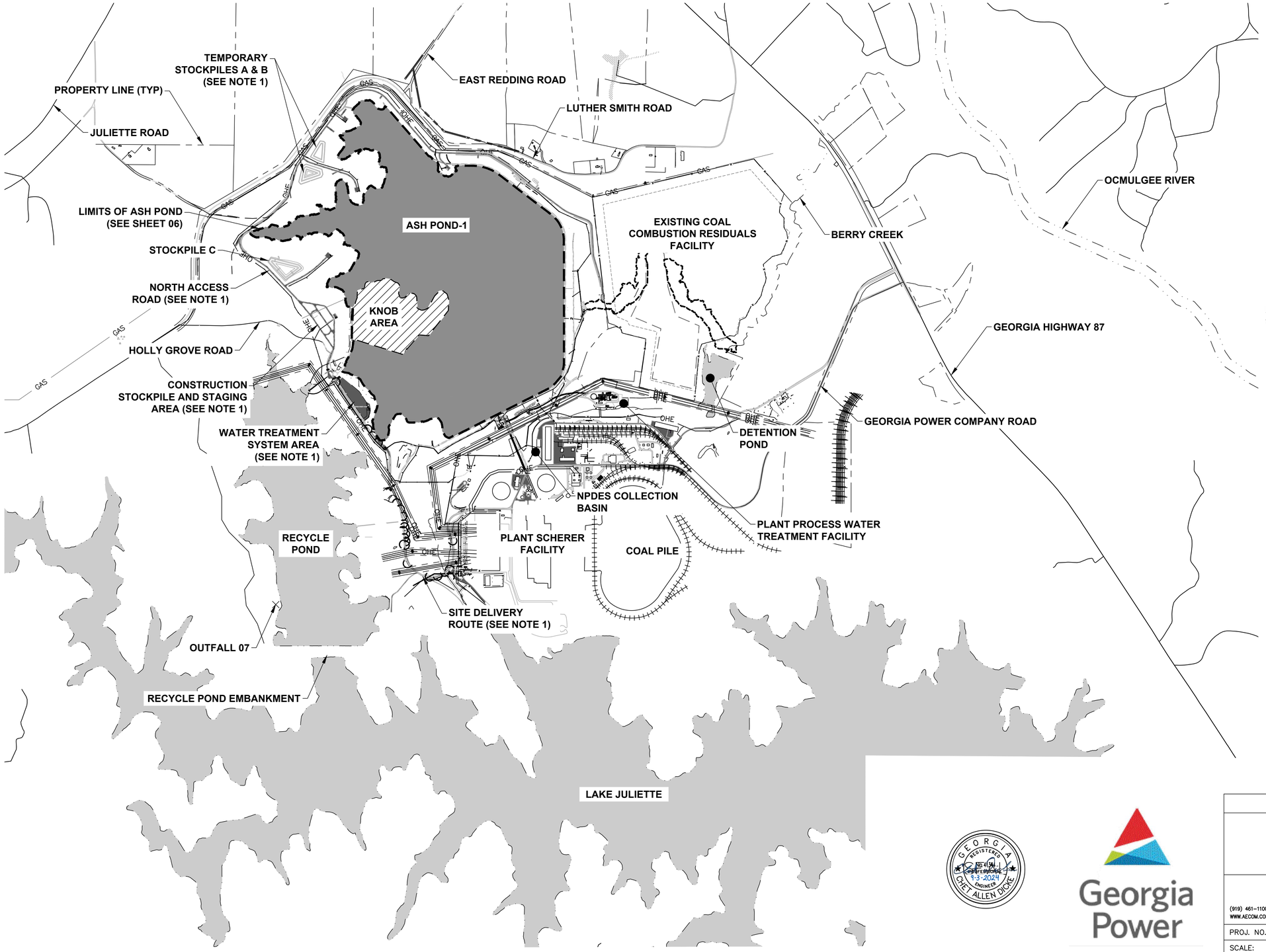

LEGEND

- 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.

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OVERALL SITE PLAN

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DATE: 08/01/2024			

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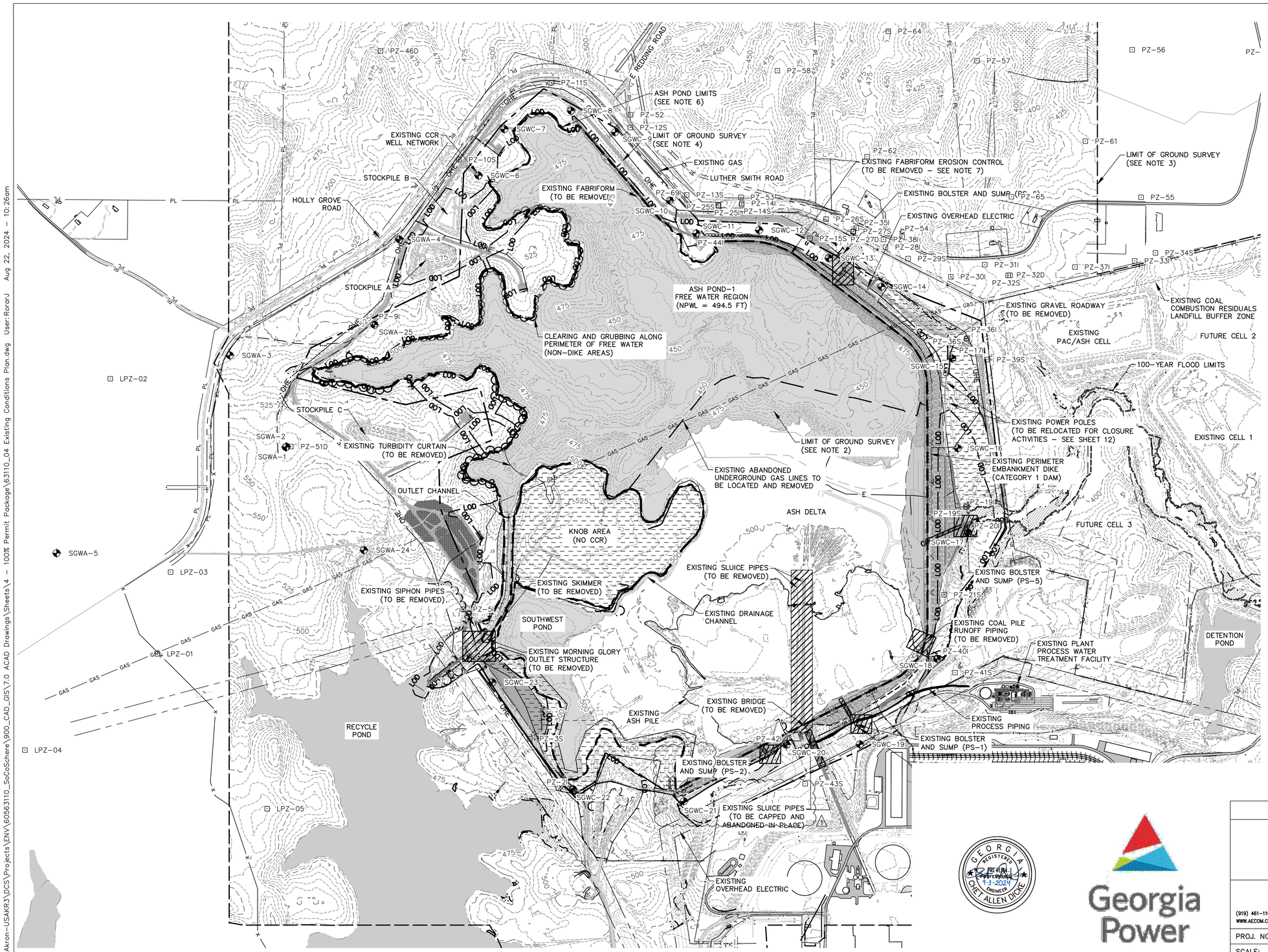

LEGEND

- DEMOLITION AREA
- ROADWAY REMOVAL AREA
- CLEARING AND GRUBBING AREA

NOTES

1. BATHYMETRIC SURVEY PERFORMED BY LOWE ENGINEERING IN 2015.
2. SURVEY PERFORMED BY METRO ENGINEERING & SURVEYING CO., INC. DATED DECEMBER 7, 2015. AERIAL SURVEY DATE OF PHOTOGRAPHY OCTOBER 31, 2015.
3. 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.
4. SURVEY PERFORMED BY GEORGIA POWER COMPANY LAND DEPARTMENT, DATED JULY AND AUGUST 2019.
5. 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.
6. 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.
7. FABRIFORM TO BE DEMOLISHED TO 1 FOOT BELOW PROPOSED CLOSURE SYSTEM SUBGRADE.
8. FABRIFORM REMOVAL SHALL NOT BEGIN UNTIL AFTER DEWATERING ACTIVITIES ARE COMPLETE.
9. PIPING REMOVED TO BE SALVAGED AND STORED PER PLANT DIRECTION.
10. MORNING GLORY SPILLWAY OUTLET DEMOLITION SHALL NOT BEGIN UNTIL AFTER DEWATERING IS COMPLETE. SEE SHEET 17.
11. 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.

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EXISTING CONDITIONS PLAN

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PLANT SCHERER ASH POND-1
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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: 1"=500'	SHEET 04 OF 28		
DATE: 08/01/2024			

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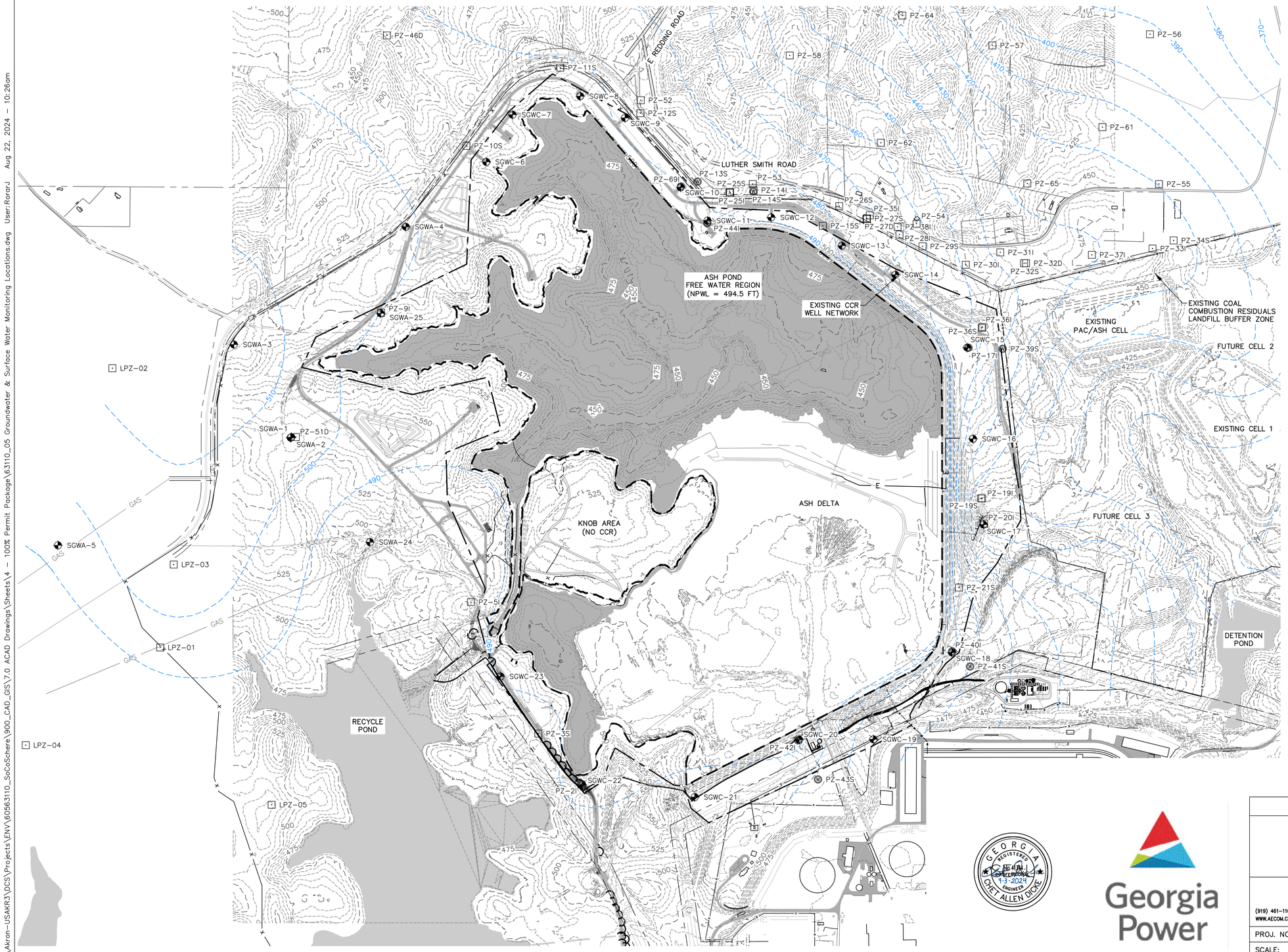

N

0 500 1000

SCALE IN FEET

LEGEND

- EXISTING CCR MONITORING WELL
- EXISTING PIEZOMETER
- EXISTING ASSESSMENT WELL
- 400 POTENTIOMETRIC CONTOURS

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GROUNDWATER MONITORING NETWORK

CCR CLOSURE

FOR

GEORGIA POWER

PLANT SCHERER ASH POND-1

MONROE COUNTY, GEORGIA

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SCALE: 1"=500'	SHEET 05 OF 28		
DATE: 08/01/2024			

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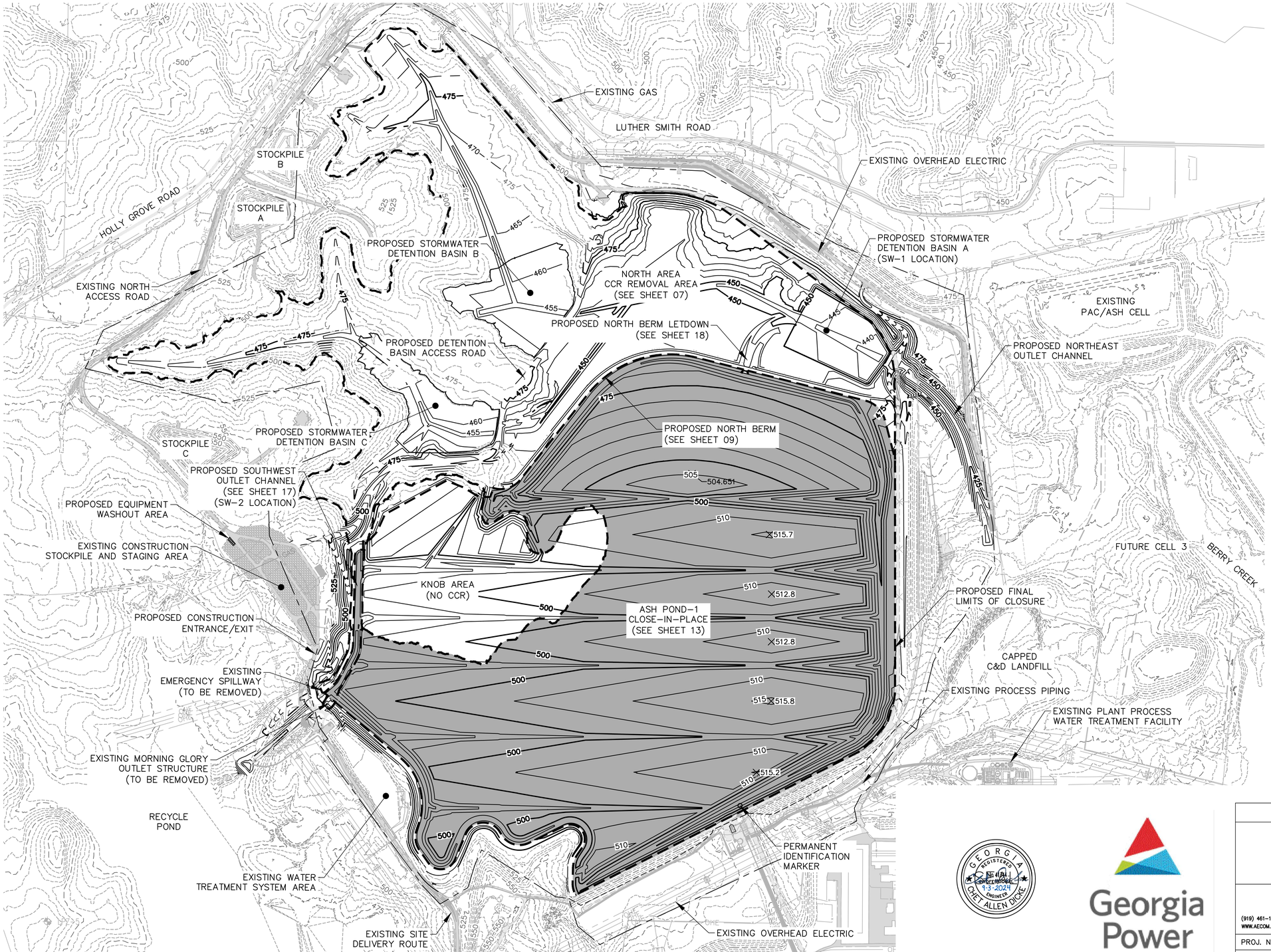

GEORGIA REGISTERED PROFESSIONAL ENGINEER CHET ALLEN DICKE 1-3-2024

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FINAL CLOSURE CONFIGURATION

CCR CLOSURE
FOR
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PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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SCALE: 1"=400'	SHEET 06 OF 28		
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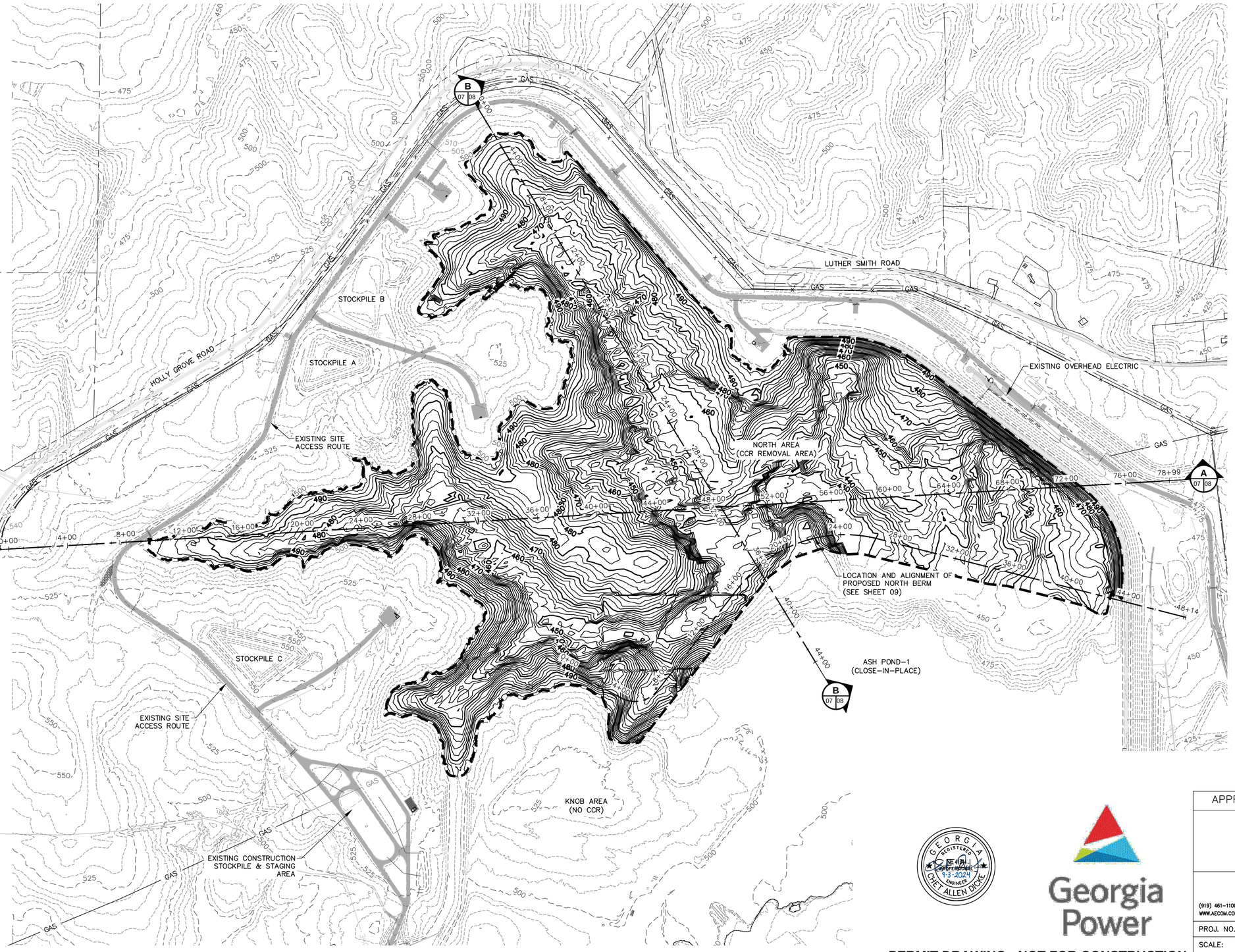

N

0 300 600

SCALE IN FEET

LEGEND

CCR REMOVAL LIMITS

NOTES

1. 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.
2. 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.
3. GRADING DEPICTS BOTTOM OF EXCAVATION SURFACE IN THE NORTH AREA FOR THE CCR REMOVAL AREA.
4. THE NORTH AREA FINAL EXCAVATION GRADING SHOWN SHALL BE CONFIRMED IN THE FIELD WITH VISUAL OBSERVATION OF THE SUBGRADE.
5. THE FINAL GRADING PLAN FOR THE NORTH AREA IS SHOWN ON SHEET 12.
6. BATHYMETRIC SURVEY WAS PERFORMED BY LOWE ENGINEERING IN 2015.

GEORGIA REGISTERED PROFESSIONAL ENGINEER CHET ALLEN DICKE 9-3-2024

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APPROXIMATE NORTH AREA EXCAVATION PLAN

CCR CLOSURE
FOR
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PLANT SCHERER ASH POND-1
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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: 1"=320'	SHEET 07 OF 28		
DATE: 08/01/2024			

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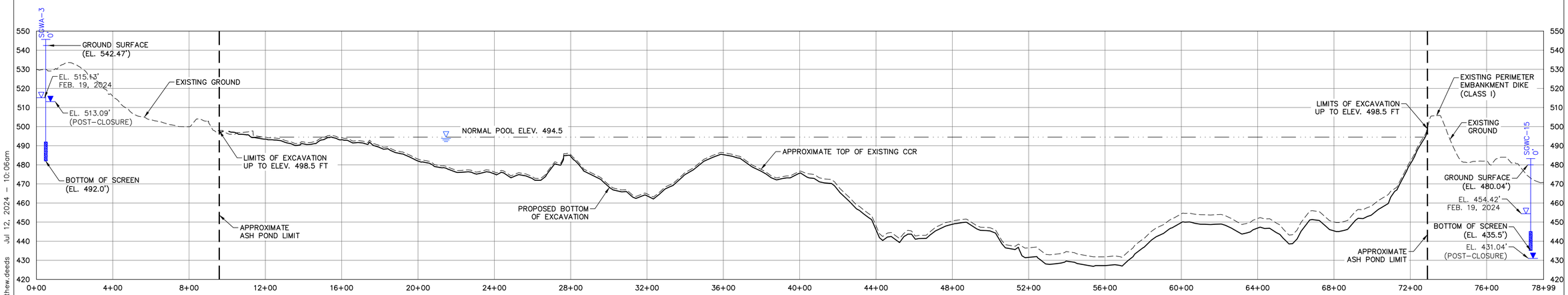
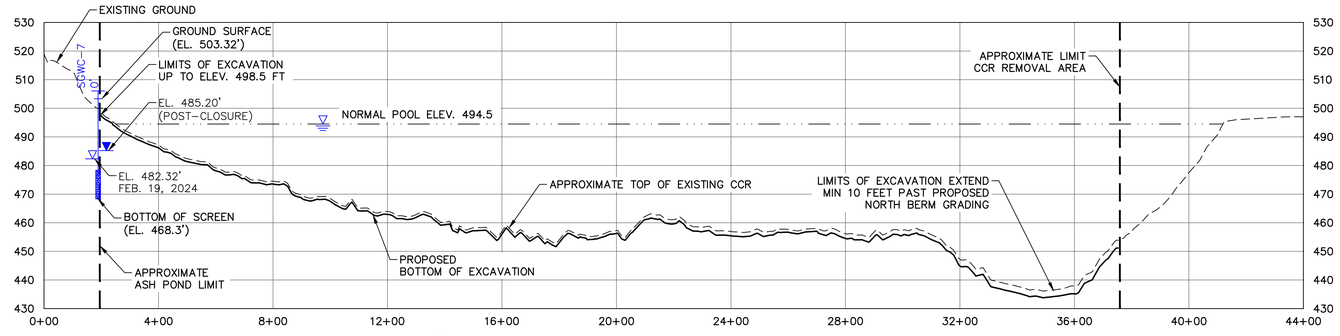


A — SECTION A-A

07 08

HORIZONTAL SCALE: 1"=250'
VERTICAL SCALE: 1"=25'



B — SECTION B-B

07 08

HORIZONTAL SCALE: 1"=250'
VERTICAL SCALE: 1"=25'

0 250 500
HORIZONTAL SCALE (FT)

0 25 50
VERTICAL SCALE (FT)

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.

SIGNATURE:

DATE:

GEORGIA REGISTERED PROFESSIONAL ENGINEER 9-3-2024 CHET ALLEN DICKE

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NORTH AREA EXCAVATION SECTIONS

CCR CLOSURE
FOR
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PLANT SCHERER ASH POND-1
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SCALE: AS SHOWN	SHEET 08 OF 28		
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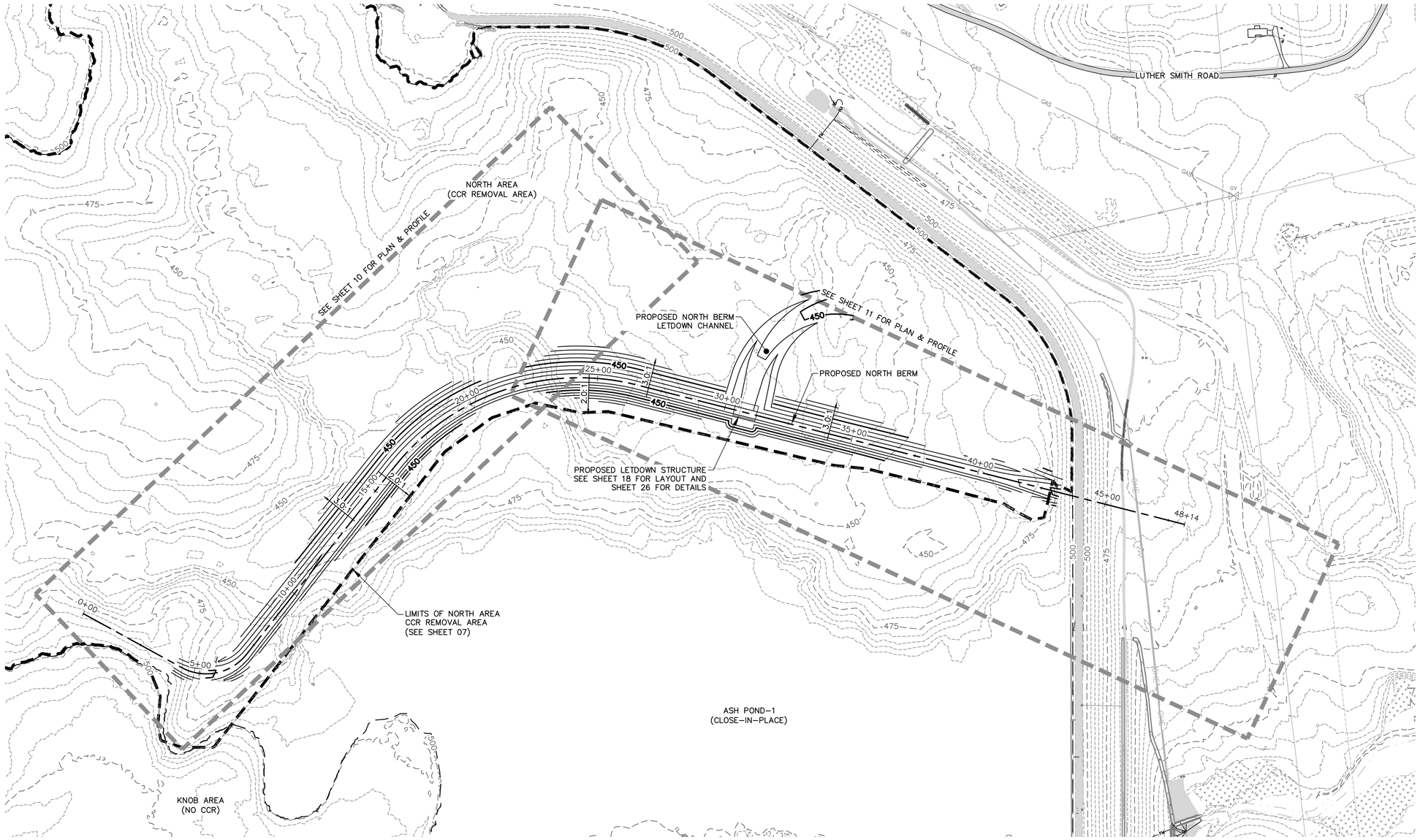

N

0 200 400

SCALE IN FEET

NOTES

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

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PROPOSED NORTH BERM OVERALL GRADING PLAN

CCR CLOSURE
FOR
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PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: 1" = 200'	SHEET 09 OF 28		
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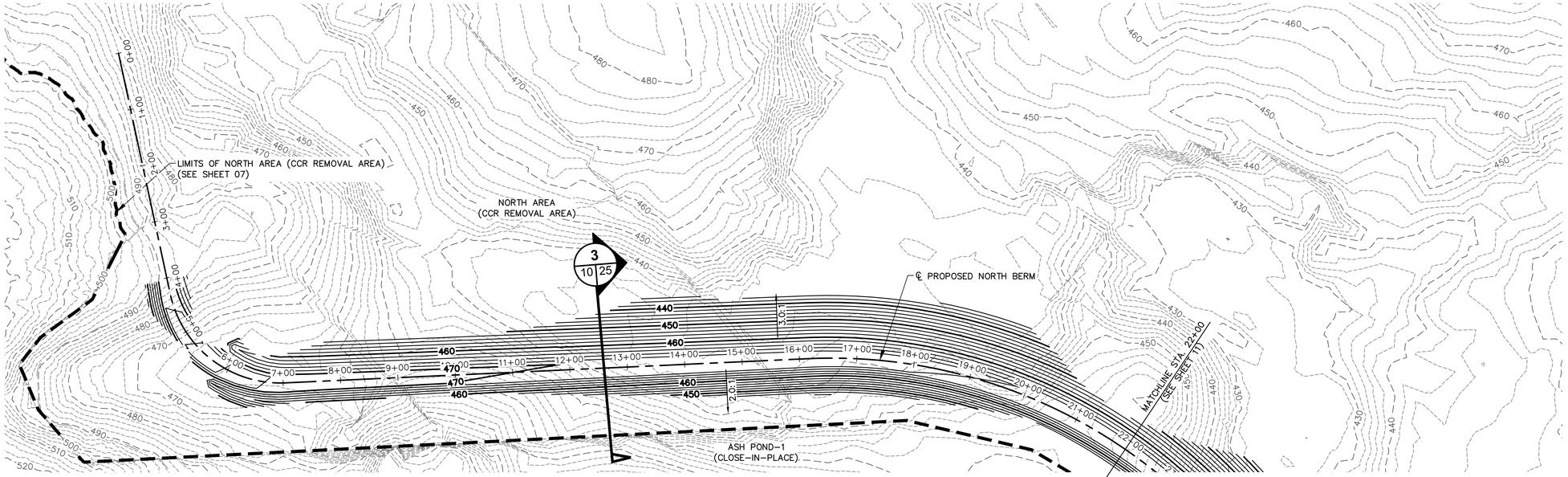
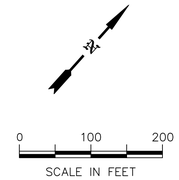


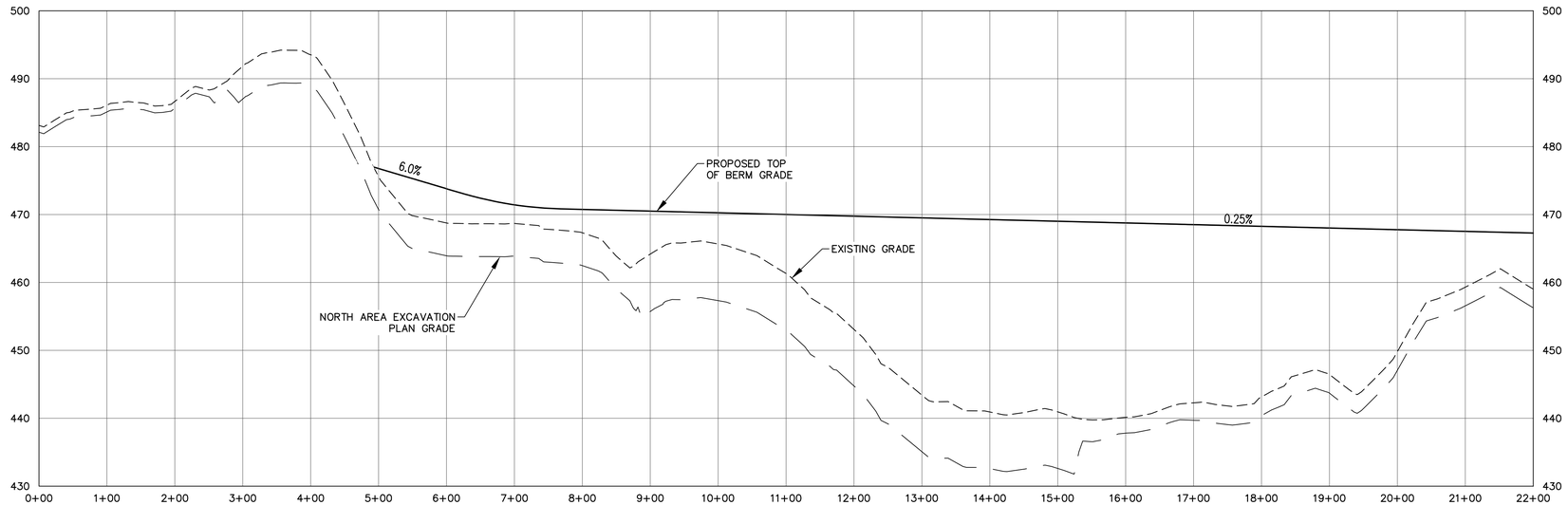
NORTH BERM PLAN - STA 0+00 TO 22+00

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.



NORTH BERM PROFILE - STA 0+00 TO 22+00

HORIZONTAL SCALE: 1"=100'
VERTICAL SCALE: 1"=10'

GEORGIA REGISTERED PROFESSIONAL ENGINEER CHET ALLEN DICKE 9-3-2024

Georgia Power

PERMIT DRAWING - NOT FOR CONSTRUCTION

PROPOSED NORTH BERM PLAN & PROFILE I

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

AECOM
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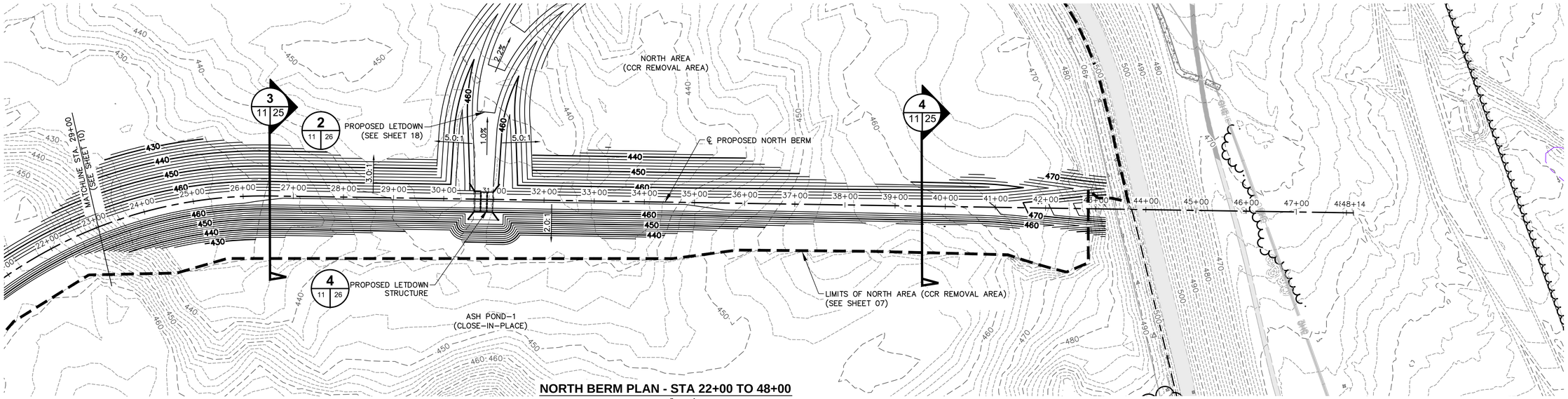
5438 WADE PARK BOULEVARD
SUITE 200
RALEIGH, NC 27607

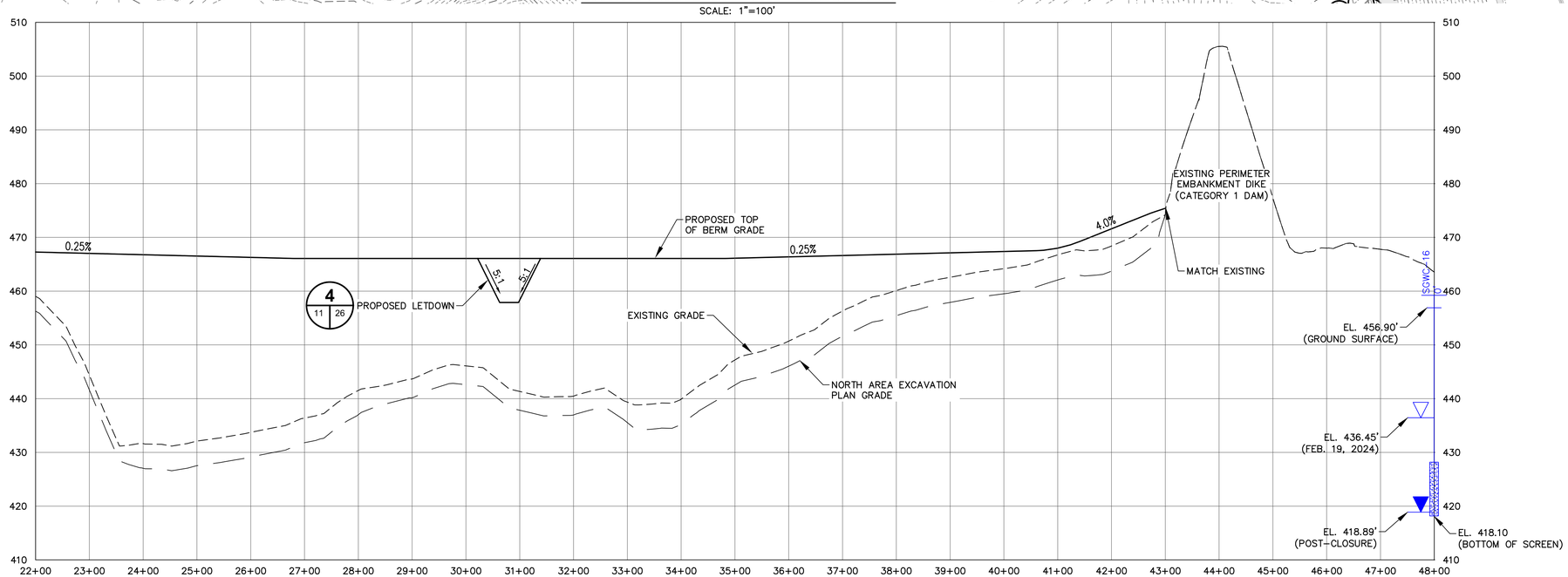
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: AS SHOWN	SHEET 10 OF 28		
DATE: 08/01/2024			

L:\DCS\Projects\ENV\60563110_SoCoSchere\900_CAD_GIS\7.0 ACAD Drawings\Sheets\4 - 100% Permit Package\63110_10 North Berm_PP I.dwg User:matthew.deeds Jul 12, 2024 - 10:25am



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'

0 100 200
SCALE IN FEET

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.

SIGNATURE:

DATE:

GEORGIA REGISTERED PROFESSIONAL ENGINEER 9-3-2024 CHET ALLEN DICKE

Georgia Power

PERMIT DRAWING - NOT FOR CONSTRUCTION

PROPOSED NORTH BERM PLAN & PROFILE II

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: AS SHOWN	SHEET 11 OF 28		
DATE: 08/01/2024			

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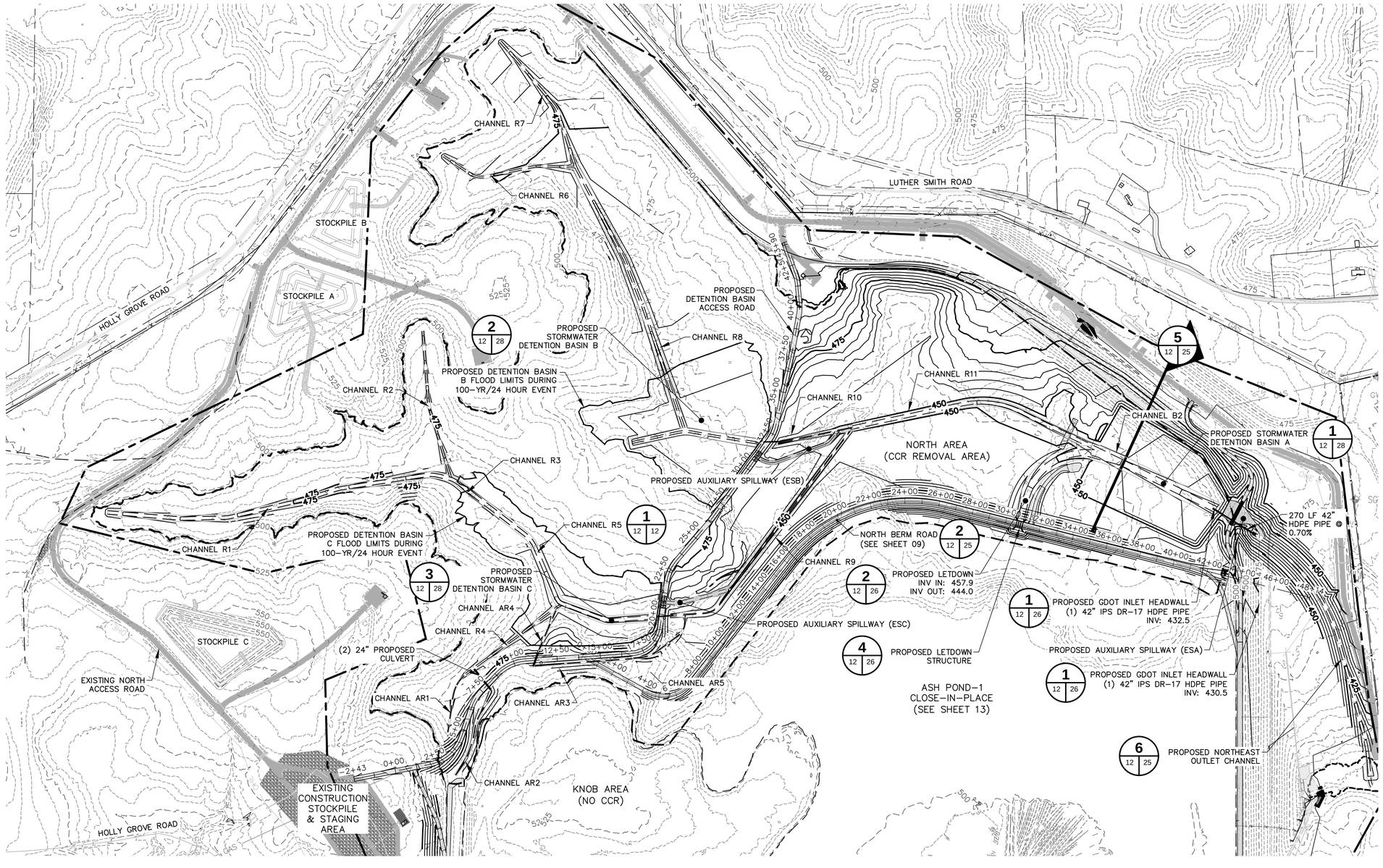


N

0 300 600

SCALE IN FEET

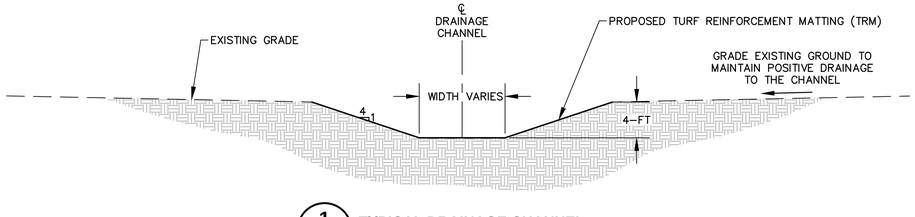
LEGEND

PROPOSED CHANNEL CENTERLINE

PROPOSED CHANNEL BOTTOM

NOTES

1. EXISTING CONTOURS WITHIN THE NORTHERN AREA (CCR REMOVAL AREA) REPRESENT THE BOTTOM OF EXCAVATION GRADES FROM SHEET 07.
2. THIS DRAWING DEPICTS POST-CLOSURE CONTOURS IN THE NORTH AREA.
3. 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.
4. SEE SHEET 27 FOR CHANNEL GEOMETRY AND ARMORING SCHEDULE.



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

GEORGIA REGISTERED PROFESSIONAL ENGINEER CHET ALLEN DICKE 9-3-2024

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PERMIT DRAWING - NOT FOR CONSTRUCTION

NORTH AREA GRADING PLAN

CCR CLOSURE
FOR
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PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: 1"=300'	SHEET 12 OF 28		
DATE: 08/01/2024			

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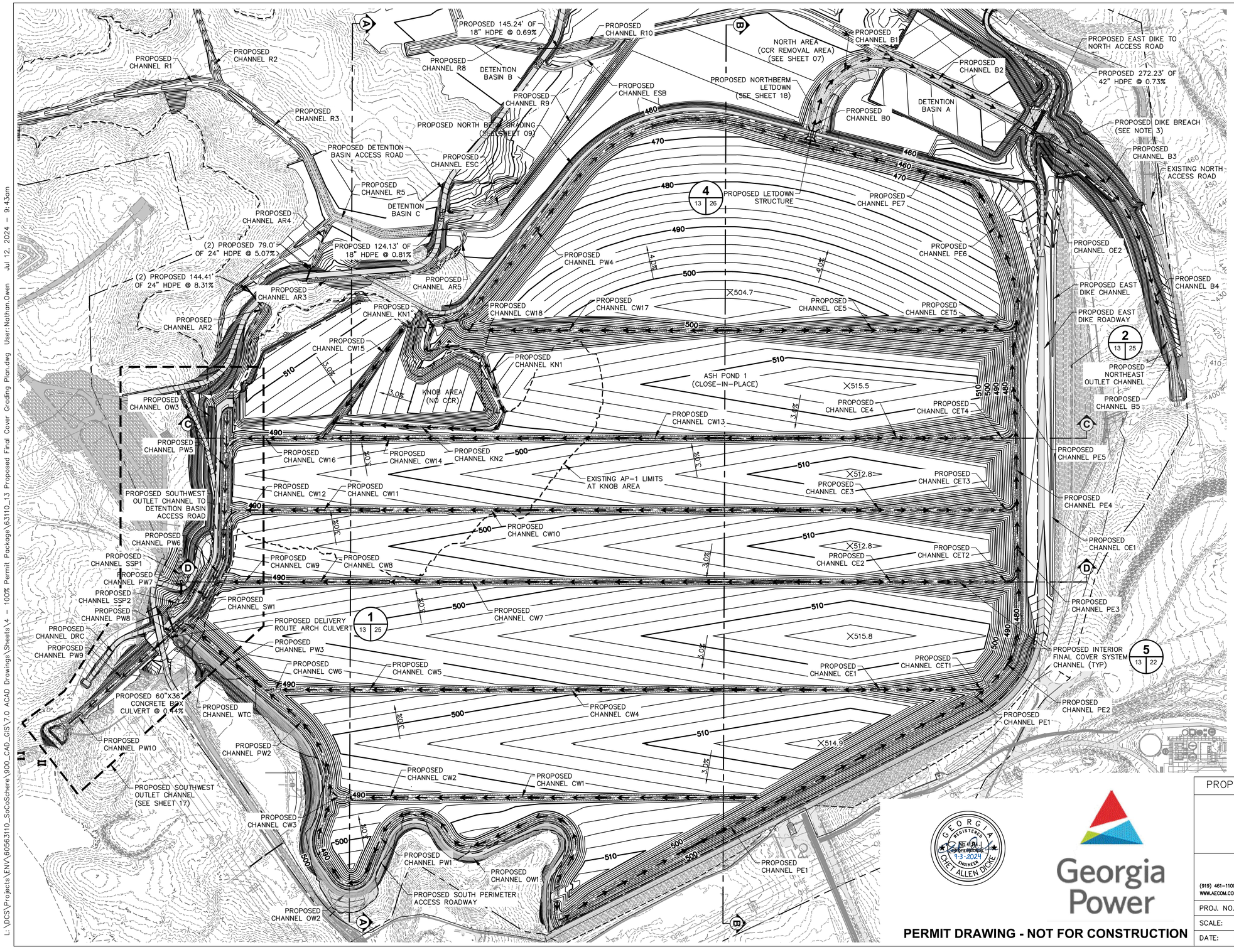

N

0 250 500

SCALE IN FEET

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 WITHOUT PROPER APPROVAL FROM GAEPD PERMITTING
- PROPOSED LIMITS OF CCR REMOVAL AREA

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.

GEORGIA REGISTERED PROFESSIONAL ENGINEER 55471 9-3-2024 CHET ALLEN DICKE

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PROPOSED FINAL COVER SYSTEM GRADING PLAN

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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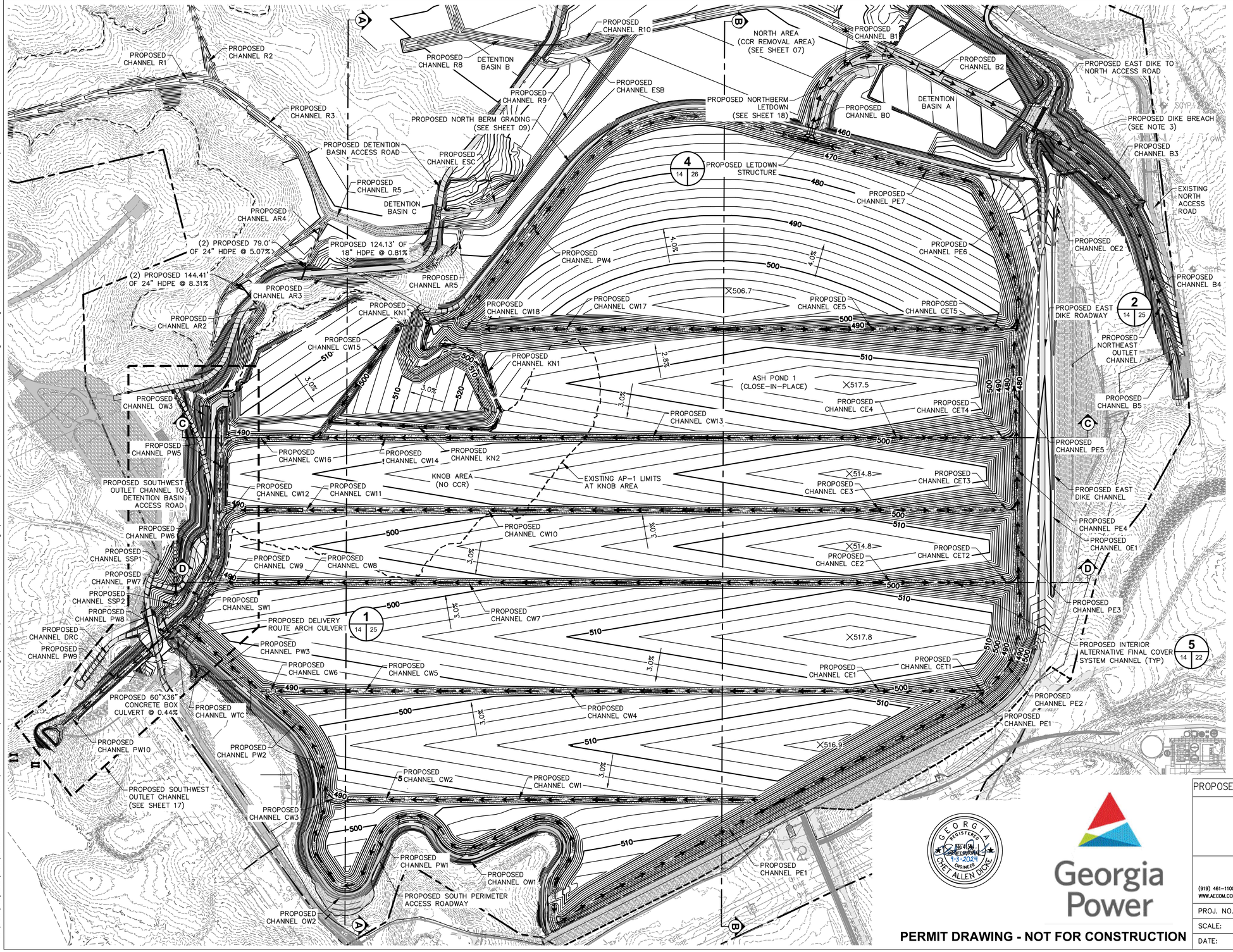
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: 1"=250'	SHEET 13 OF 28		
DATE: 08/01/2024			

L:\DCS\Projects\ENV\60563110_SoCoScherer\900_CAD_GIS\7.0 ACAD Drawings\Sheets\4 – 100% Permit Package\63110_13 Proposed Final Cover Grading Plan.dwg User:Nathan.Owen Jul 12, 2024 – 9:43am



N

0 250 500

SCALE IN FEET

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 WITHOUT PROPER APPROVAL FROM GAEPD PERMITTING
- PROPOSED LIMITS OF CCR REMOVAL AREA

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.

GEORGIA REGISTERED PROFESSIONAL ENGINEER 1-3-2024 CHET ALLEN DICKE

Georgia Power

PERMIT DRAWING - NOT FOR CONSTRUCTION

PROPOSED ALTERNATIVE FINAL COVER SYSTEM GRADING PLAN

CCR CLOSURE
FOR
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PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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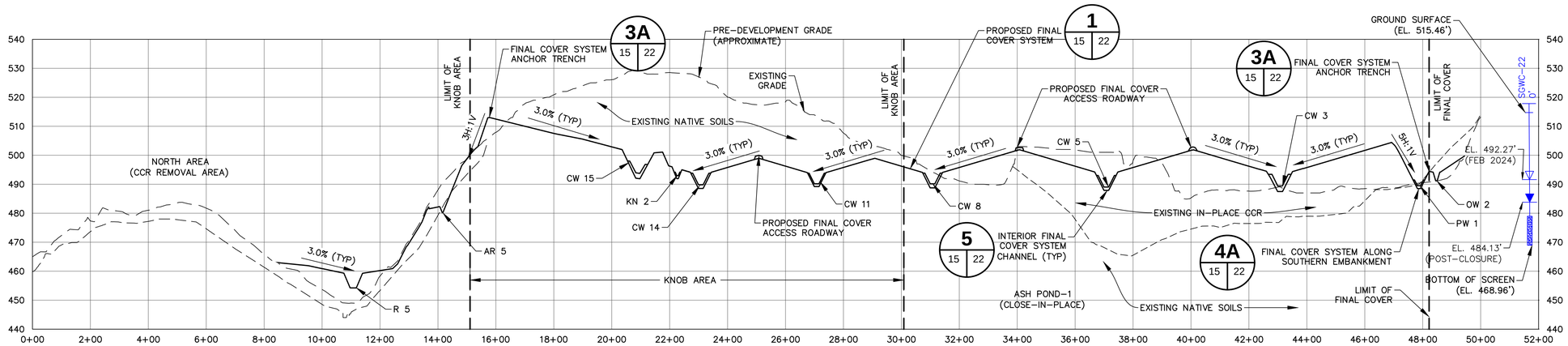
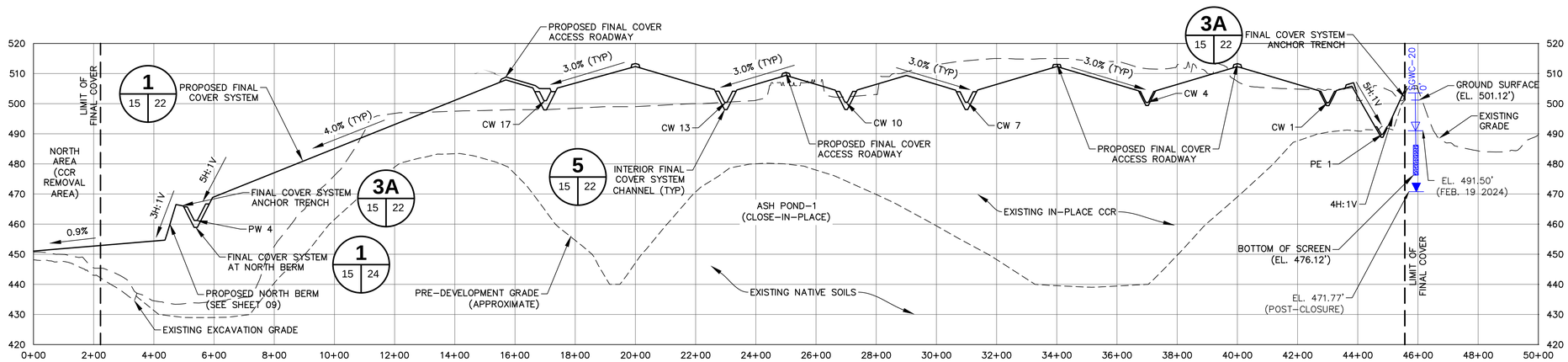
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: 1"=250'	SHEET 14 OF 28		
DATE: 08/01/2024			

L:\DCS\Projects\ENV\60563110_SoCoScherer\900_CAD_GIS\7.0 ACAD Drawings\Sheets\4 – 100% Permit Package\63110_14 Proposed Alternative Final Cover Grading Plan.dwg User:Nathan.Owen Jul 12, 2024 – 3:52pm



SECTION A - A

HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=20'



SECTION B - B

HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=20'

0 200 400
HORIZONTAL SCALE (FT)

0 20 40
VERTICAL SCALE (FT)

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.

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 ALTERATIVE 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.

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 41 9-3-2024 CHET ALLEN DICKE

Georgia Power

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PROPOSED ASH POND CROSS SECTIONS I

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: AS SHOWN	SHEET 15 OF 28		
DATE: 08/01/2024			

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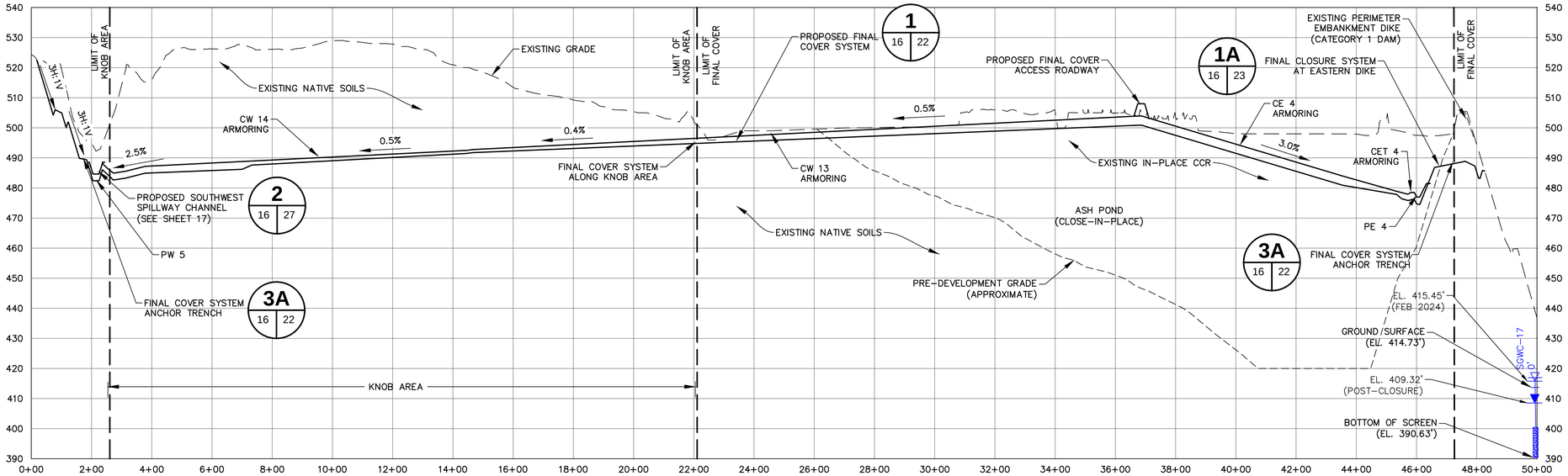
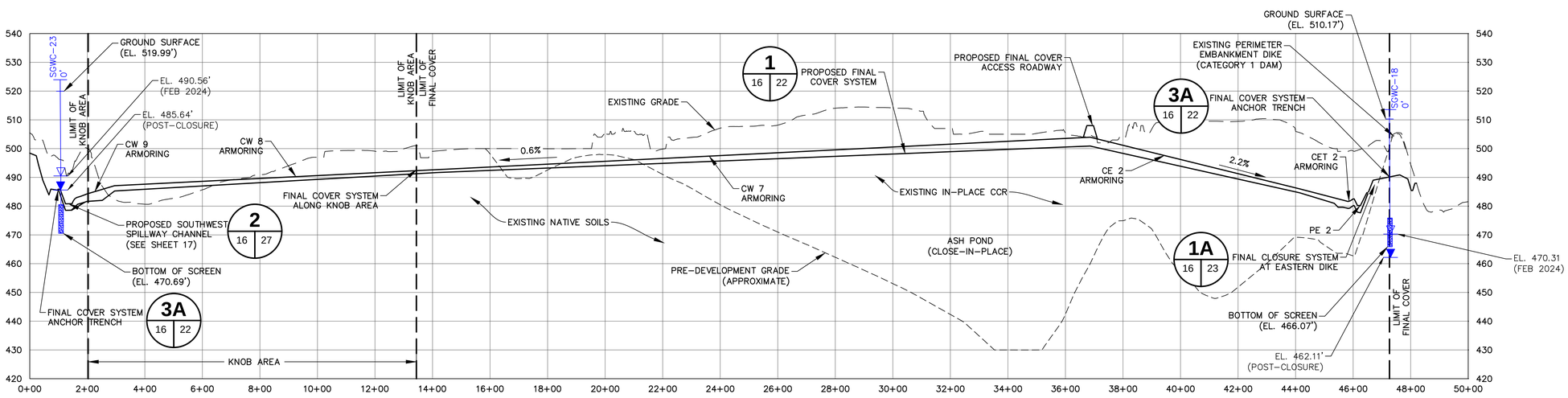


SECTION C - C

HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=20'



SECTION D - D

HORIZONTAL SCALE: 1"=200'
VERTICAL SCALE: 1"=20'

0 200 400
HORIZONTAL SCALE (FT)

0 20 40
VERTICAL SCALE (FT)

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.

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 ALTERATIVE 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.

GEORGIA REGISTERED PROFESSIONAL ENGINEER 1-3-2024 CHET ALLEN DICKE

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PROPOSED ASH POND CROSS SECTIONS II

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: AS SHOWN	SHEET 16 OF 28		
DATE: 08/01/2024			

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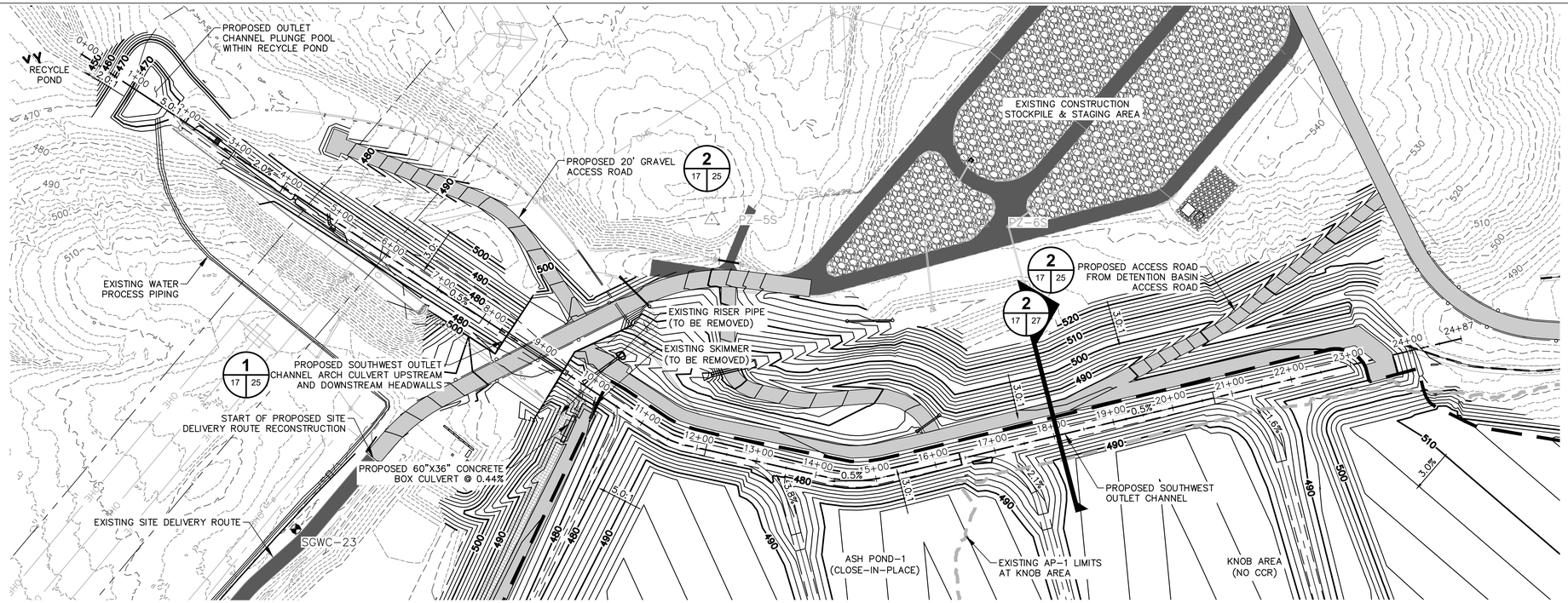
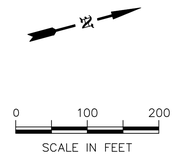


SOUTHWEST OUTLET CHANNEL PLAN

SCALE: 1"=100'

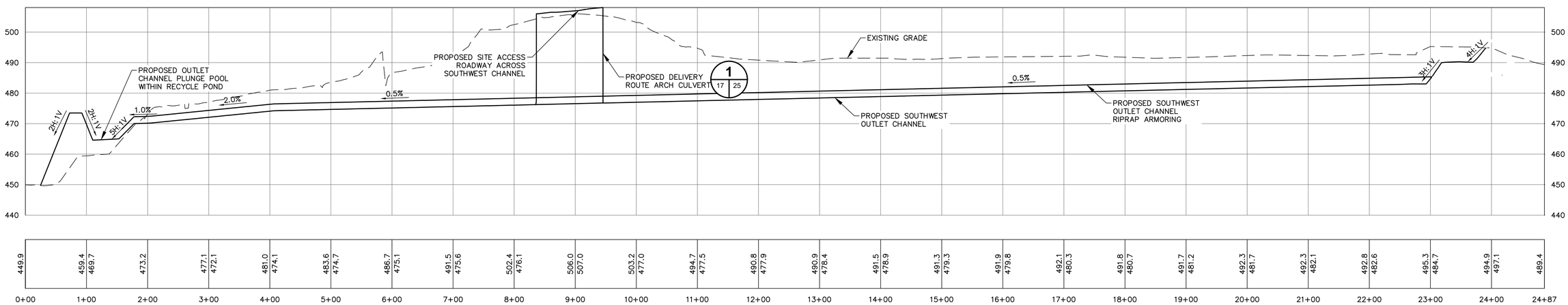


LEGEND

- LIMITS OF FINAL CLOSURE
- CHANNEL BOTTOM
- CHANNEL CENTERLINE
- 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 PROFILE

HORIZONTAL SCALE: 1"=80'
VERTICAL SCALE: 1"=16'

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SOUTHWEST OUTLET CHANNEL PLAN & PROFILE

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: AS SHOWN	SHEET 17 OF 28		
DATE: 08/01/2024			

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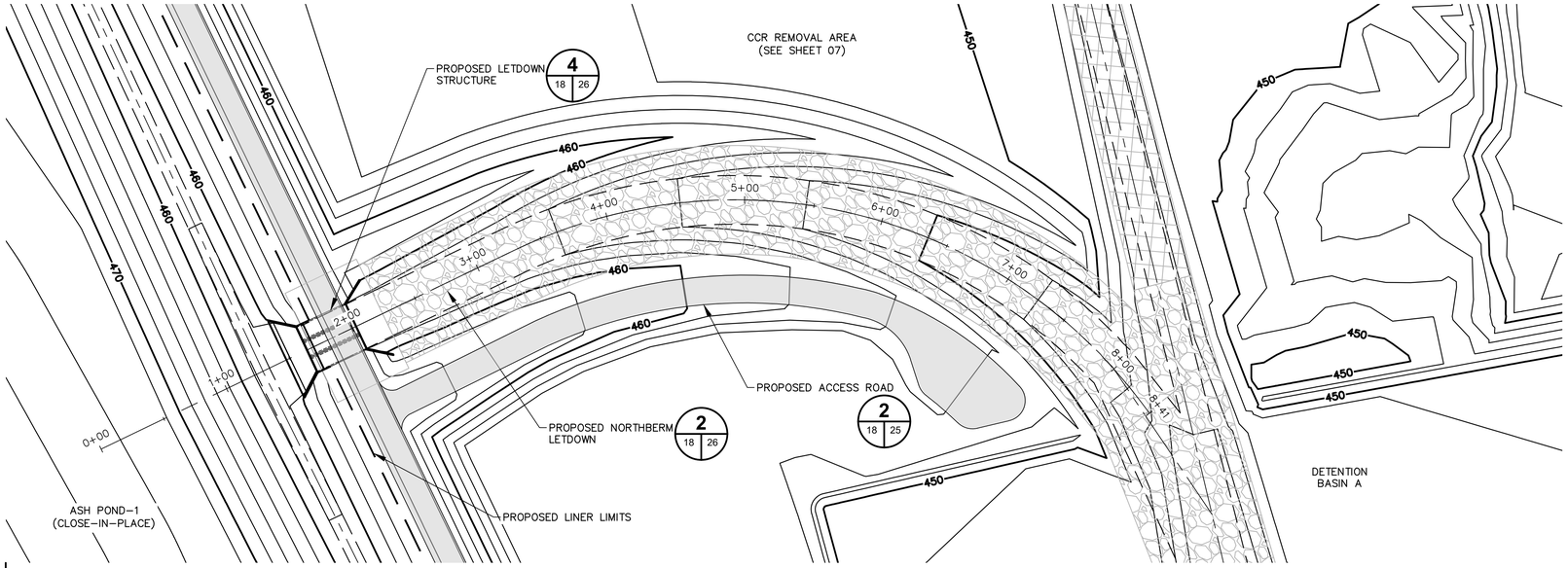
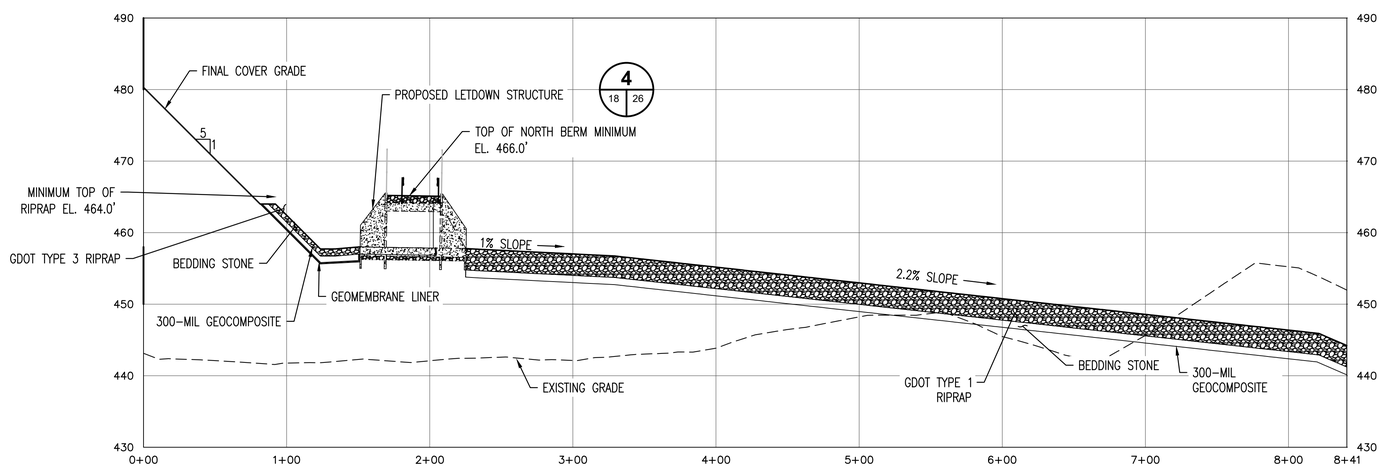


NORTH BERM LETDOWN PLAN

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'



NORTH BERM LETDOWN PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

0 100 200
SCALE IN FEET

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

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NORTH BERM LETDOWN PLAN & PROFILE

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: AS SHOWN	SHEET 18 OF 28		
DATE: 08/01/2024			

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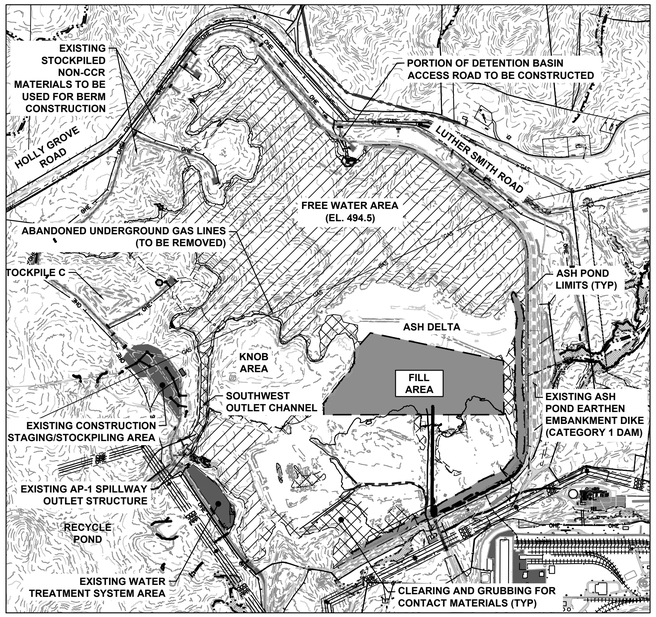
STAGE 0 ACTIVITIES:

- 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-CONTACT MATERIALS DENOTED ON THE EXISTING CONDITIONS PLAN



STAGE 0
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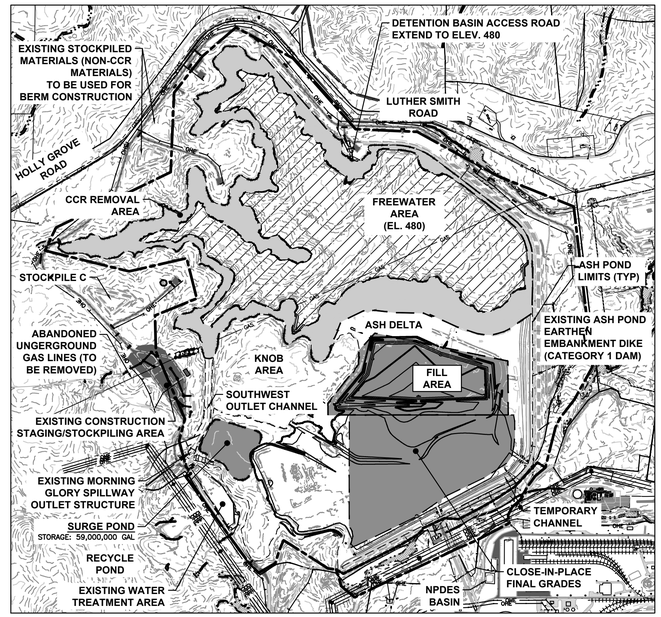

STAGE 1
SCALE: 1"=1000'

STAGE 1 ACTIVITIES:

- CONTINUE TO REMOVE FREEWATER FROM ASH POND TO EL. 480 FEET
- COMMENCE REMOVAL OF CCR WITHIN THE CCR 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 CCR 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, FABRIFROM REMOVAL MAY BE DELAYED UNTIL ALL OF THE FREE WATER IS REMOVED IN A LATER STAGE

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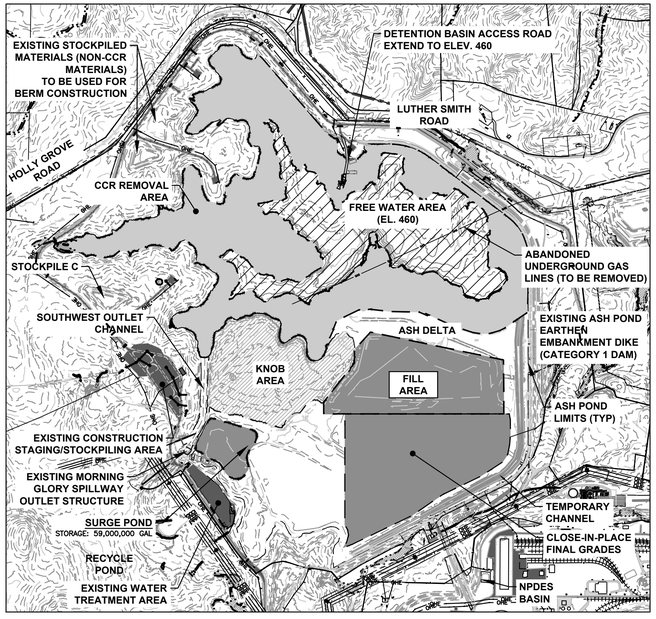
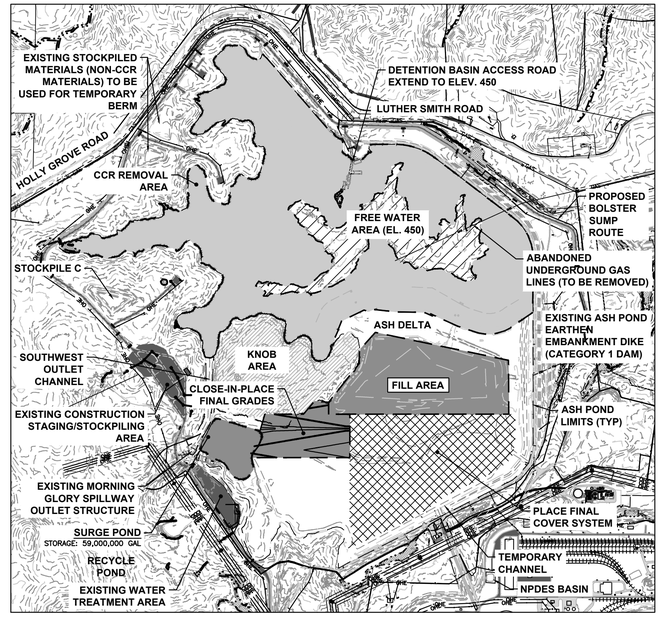
SCALE IN FEET

STAGE 2 ACTIVITIES:

- CONTINUE TO REMOVE FREE WATER FROM ASH POND TO EL. 460 FEET
- CONTINUE REMOVAL OF CCR WITHIN CCR 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 CCR REMOVAL EXCAVATION PROGRESSES. ALTERNATIVELY, FABRIFROM 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 CCR 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-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 CCR REMOVAL EXCAVATION PROGRESSES. ALTERNATIVELY, FABRIFROM REMOVAL MAY BE DELAYED UNTIL ALL OF THE FREE WATER IS REMOVED IN A LATER STAGE
- COMMENCE CONSTRUCTION OF BOLSTER SUMP REROUTE

GEORGIA REGISTERED No 41604 8-3-2024 ENGINEER CHET ALLEN DICKE

Georgia Power

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CONSTRUCTION SEQUENCING PLAN I

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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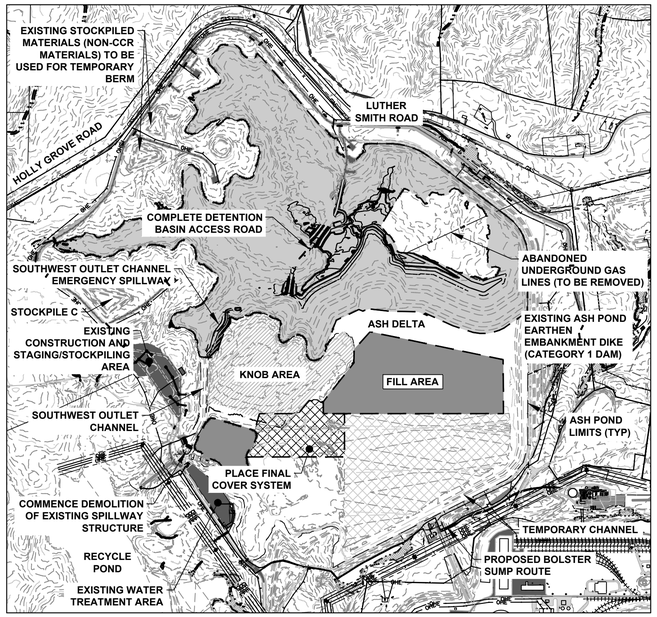
5438 WADE PARK BOULEVARD
SUITE 200
RALEIGH, NC 27607

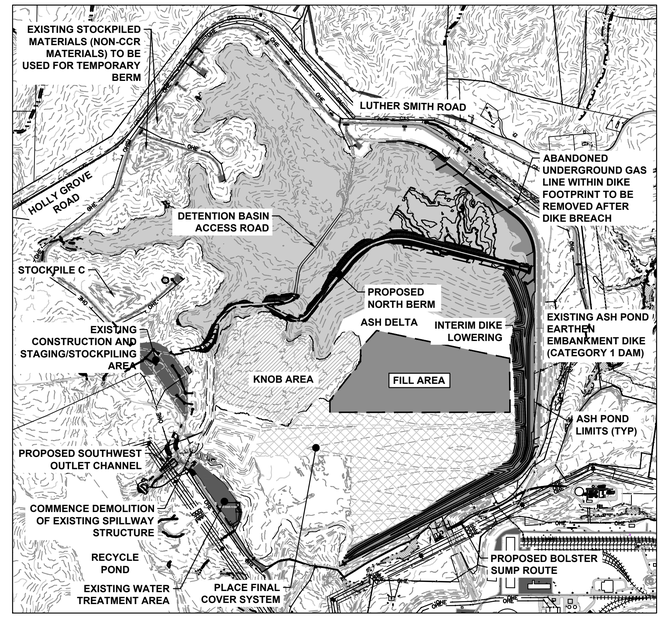
PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: 1" = 1000'	SHEET 19 OF 28		
DATE: 08/01/2024			

STAGE 4 ACTIVITIES:

- COMPLETE FREE WATER REMOVAL WITHIN CCR REMOVAL AREA AND COMMENCE CONTACT WATER MANAGEMENT IN THE CCR REMOVAL AREA.
- CONTINUE CCR REMOVAL EXCAVATION AND COMMENCE CCR 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 REROUTE. 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:

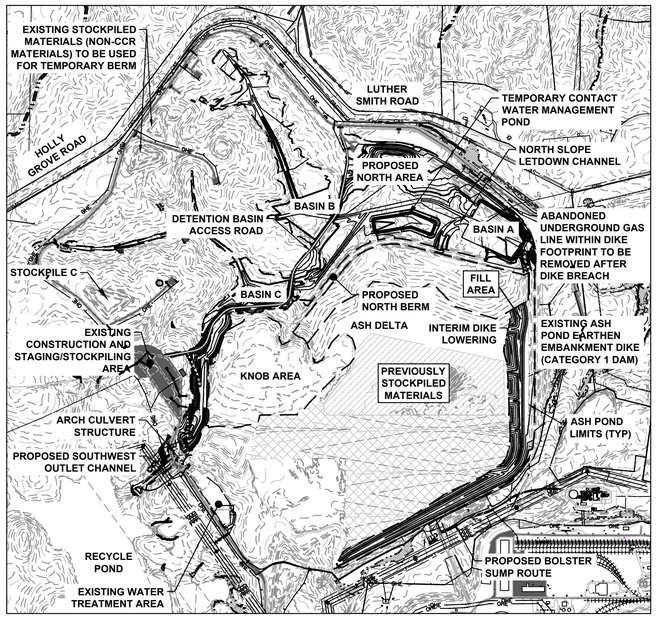
- CONTINUE STORMWATER MANAGEMENT IN CCR REMOVAL AREA AND CONTINUE MANAGING CONTACT WATER
- CONTINUE CCR REMOVAL EXCAVATION AND PLACEMENT WITHIN THE CONSOLIDATED CLOSURE-IN-PLACE FOOTPRINT FILL AREA
- CONTINUE TO MANAGE AND OPERATE TEMPORARY DEWATERING SYSTEM FOR CONSTRUCTION PURPOSES
- COMPLETE THE CONSTRUCTION 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

N

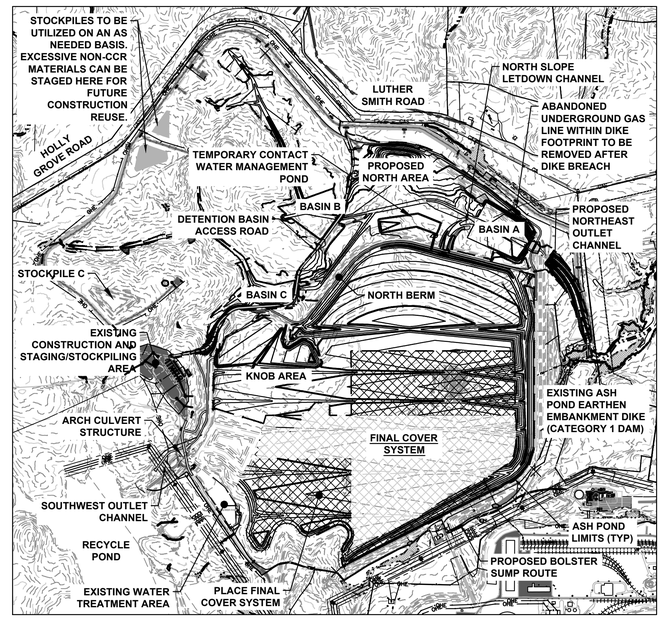
0 1000 2000
SCALE IN FEET

STAGE 6 ACTIVITIES:

- CONTINUE STORMWATER MANAGEMENT IN CCR REMOVAL AREA 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 CCR REMOVAL AREA 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

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 41041 9-3-2024 CHET ALLEN DICKS

Georgia Power

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CONSTRUCTION SEQUENCING PLAN II

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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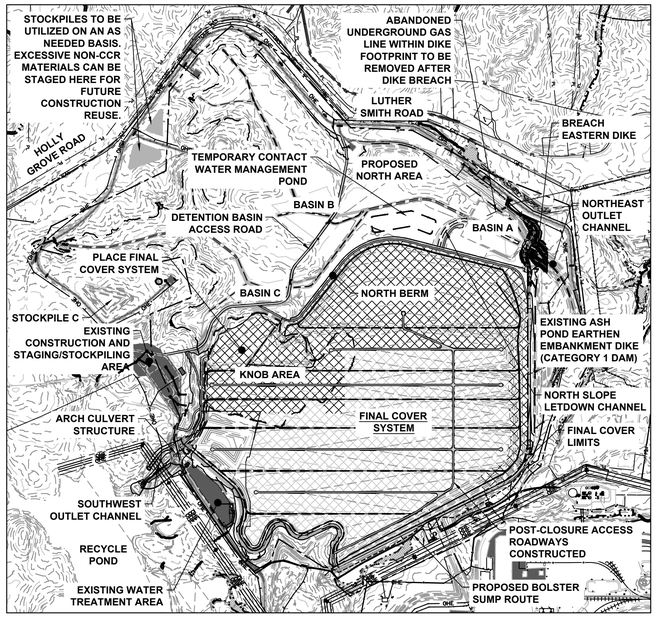
SUITE 200
RALEIGH, NC 27607

PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: NONE	SHEET 20 OF 28		
DATE: 08/01/2024			

STAGE 8 ACTIVITIES:

- CONTINUE STORMWATER MANAGEMENT IN CCR REMOVAL AREA 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
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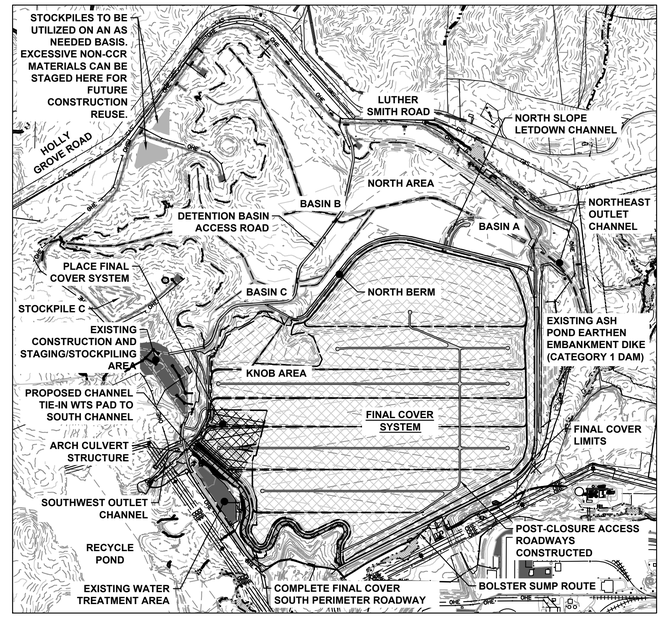


STAGE 9
SCALE: 1"=1000'

STAGE 9 ACTIVITIES:

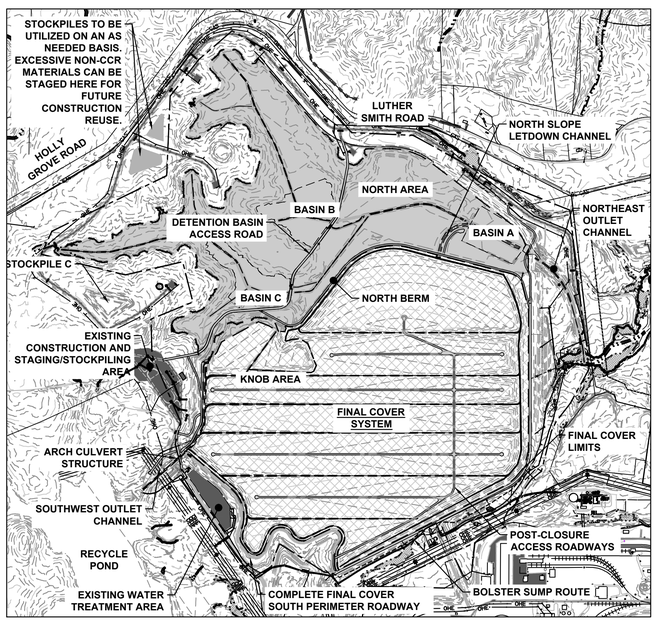
- DEMOLISH AND REMOVE TEMPORARY WATER MANAGEMENT SURGE POND IN CCR REMOVAL AREA
- PERFORM FINAL GRADING WITHIN THE CONSOLIDATED CLOSURE–IN–PLACE FOOTPRINT TO ACHIEVE SUBGRADE FOR FINAL COVER SYSTEM IN REMAINING REGION DENOTED ON PLANS
- CONTINUE TO REMOVE PORTIONS OF TEMPORARY DEWATERING SYSTEM AS FINAL 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

N

0 1000 2000
SCALE IN FEET

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 REGISTERED ENGINEER CHET ALLEN DICKS
No. 41391
Conditional
9-3-2024

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CONSTRUCTION SEQUENCING PLAN III

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND–1
MONROE COUNTY, GEORGIA

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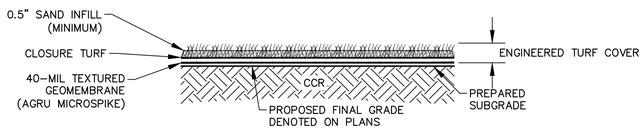
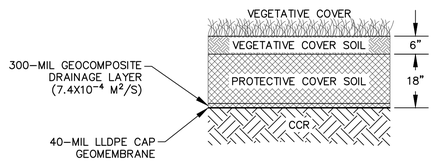
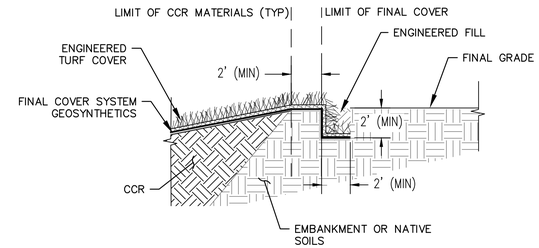
SCALE: NONE	SHEET 21 OF 28		
DATE: 08/01/2024			



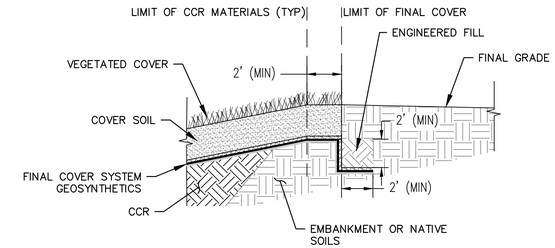
1 FINAL COVER SYSTEM
15 | 22 — 16 — 23-24 — 1" = 5'



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

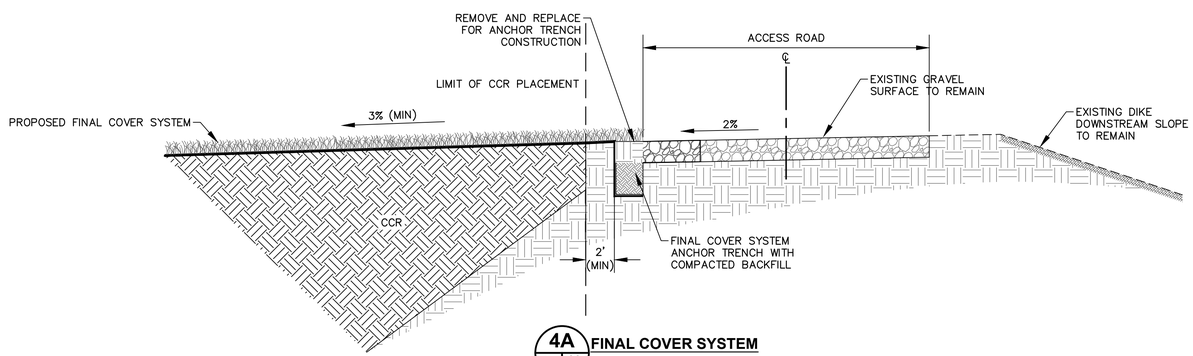


3A FINAL COVER SYSTEM ANCHOR TRENCH
15 | 22 — 16 — 23-24

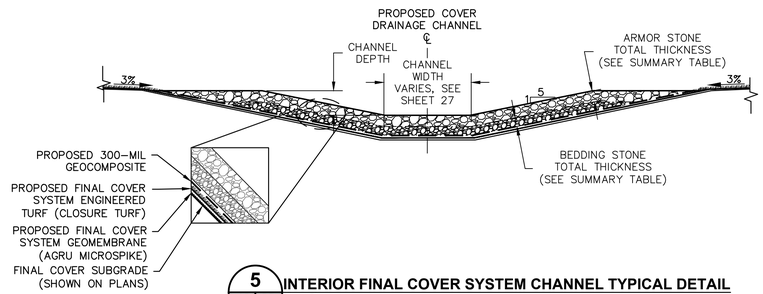


3B ALTERNATIVE FINAL COVER SYSTEM ANCHOR TRENCH
15 | 22 — 16 — 23-24

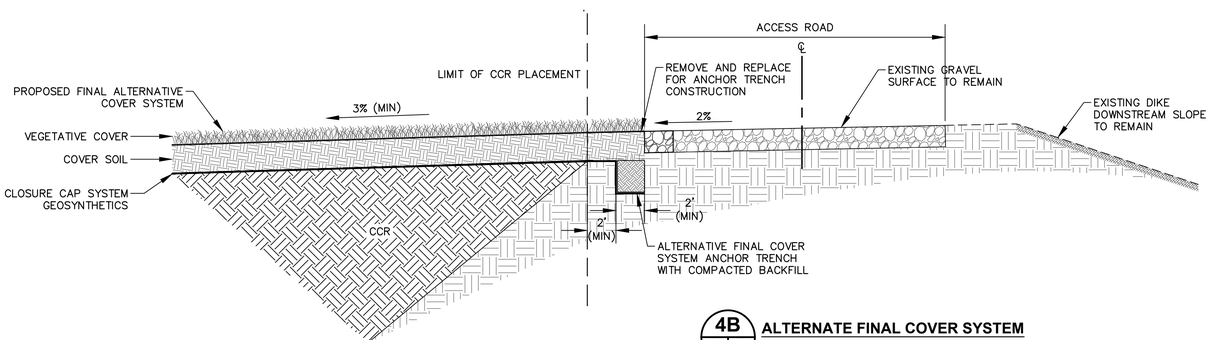
3 FINAL COVER SYSTEM ANCHOR TRENCH
15 | 22 — 16 — 23-24 — 1" = 5'



4A FINAL COVER SYSTEM
15 | 22



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



4B ALTERNATE FINAL COVER SYSTEM
15 | 22

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

GEORGIA REGISTERED PROFESSIONAL ENGINEER 9-3-2024 CHET ALLEN DICKE

Georgia Power

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CLOSURE SYSTEM DETAILS I

CCR CLOSURE
FOR
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PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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RALEIGH, NC 27607

PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: NOT TO SCALE	SHEET 22 OF 28		
DATE: 08/01/2024			

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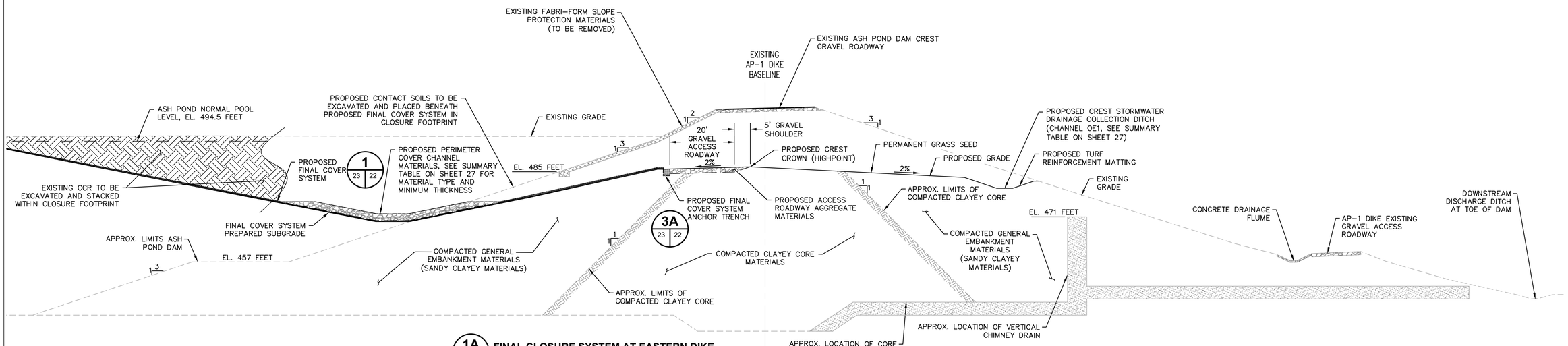
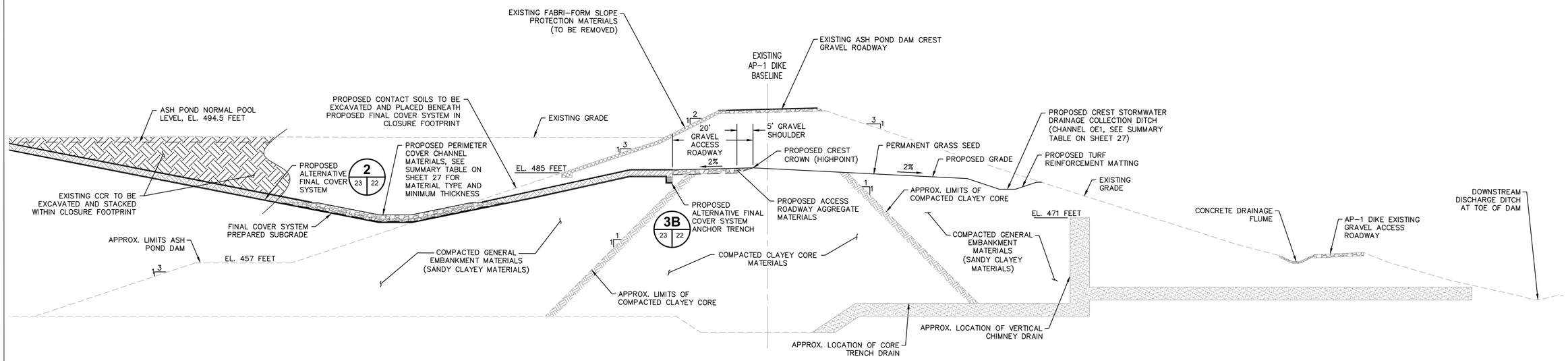


1A 16 | 23 **FINAL CLOSURE SYSTEM AT EASTERN DIKE**



1B 16 | 23 **ALTERNATIVE FINAL CLOSURE SYSTEM AT EASTERN DIKE**

1 16 | 23 **FINAL CLOSURE SYSTEM AND PERIMETER DRAINAGE CHANNEL ALONG EASTERN DIKE**
1" = 10'

GEORGIA REGISTERED PROFESSIONAL ENGINEER CHET ALLEN DICKE 4-3-2024

Georgia Power

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CLOSURE SYSTEM DETAILS II

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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SUITE 200
RALEIGH, NC 27607

PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: NOT TO SCALE	SHEET 23 OF 28		
DATE: 08/01/2024			

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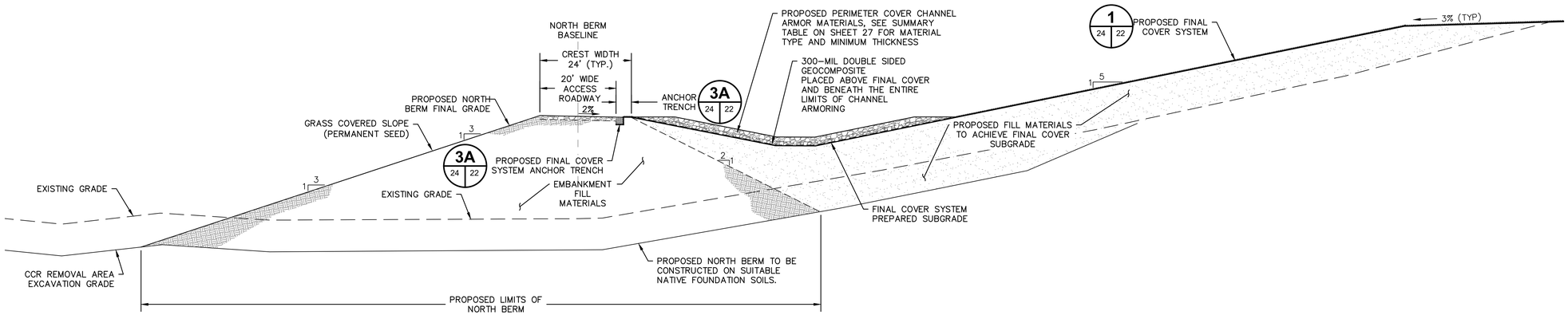
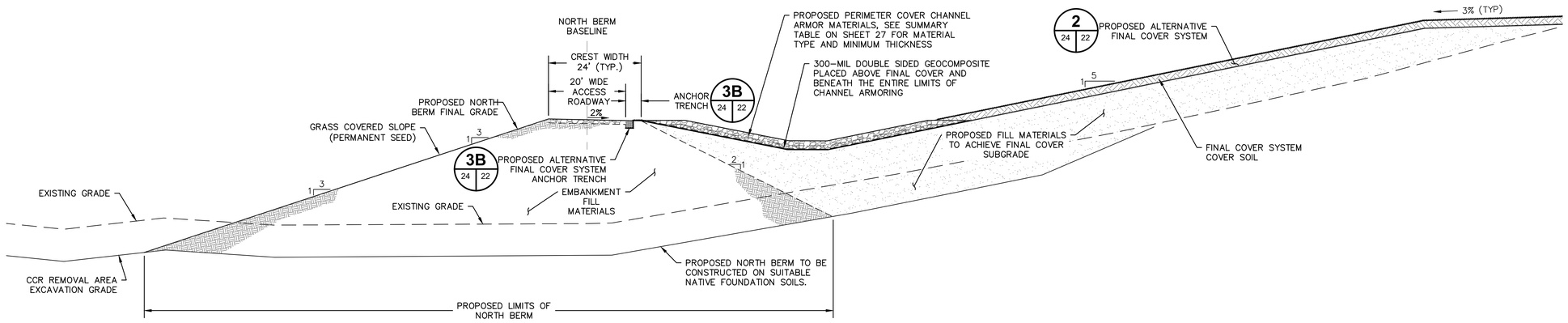


1 15 24 **FINAL COVER SYSTEM AT NORTH BERM TYPICAL DETAIL**
SCALE: 1" = 15'



2 15 24 **FINAL COVER SYSTEM AT NORTH BERM TYPICAL DETAIL-ALTERNATIVE DESIGN**
SCALE: 1" = 15'

GEORGIA REGISTERED No. 4124 PROFESSIONAL ENGINEER 9-3-2024 CHET ALLEN DICKE

Georgia Power

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CLOSURE SYSTEM DETAILS III

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: NOT TO SCALE	SHEET 24 OF 28		
DATE: 08/01/2024			

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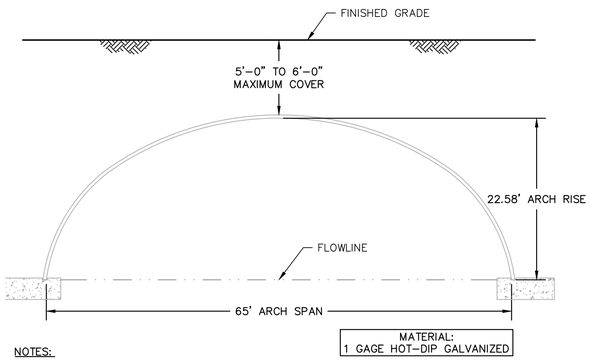
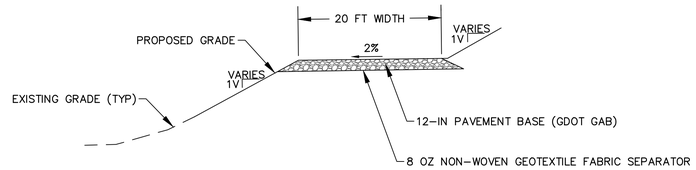


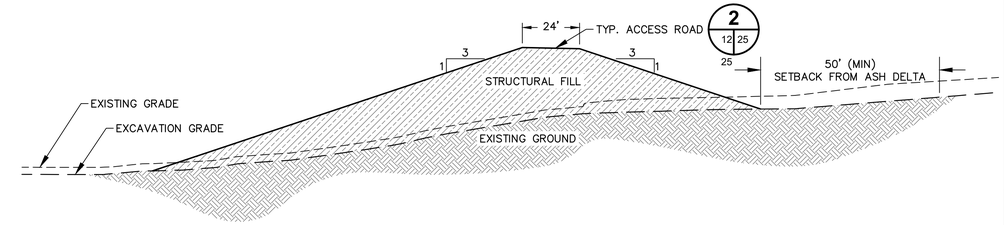
NOTES:

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

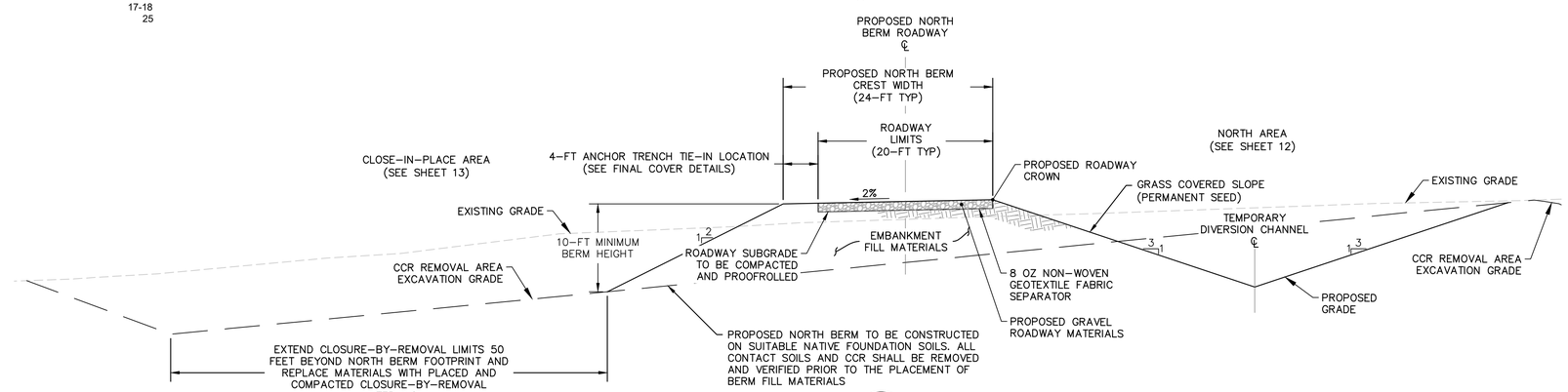
1 / 13 | 25 — DELIVERY ROUTE ARCH CULVERT
1" = 10'
14
17



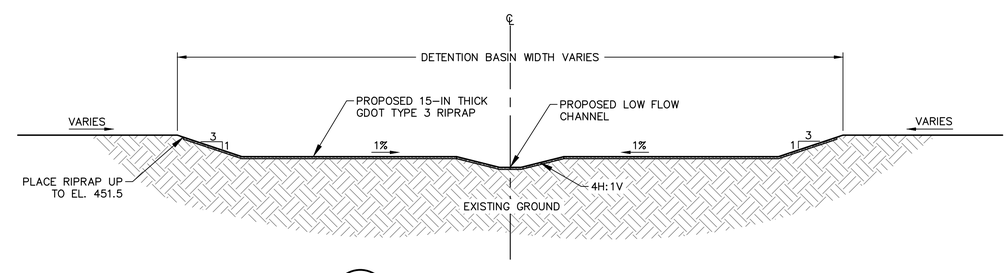
2 / 12 | 25 — TYPICAL ROADWAY SECTION
1" = 10'
13-14
17-18
25



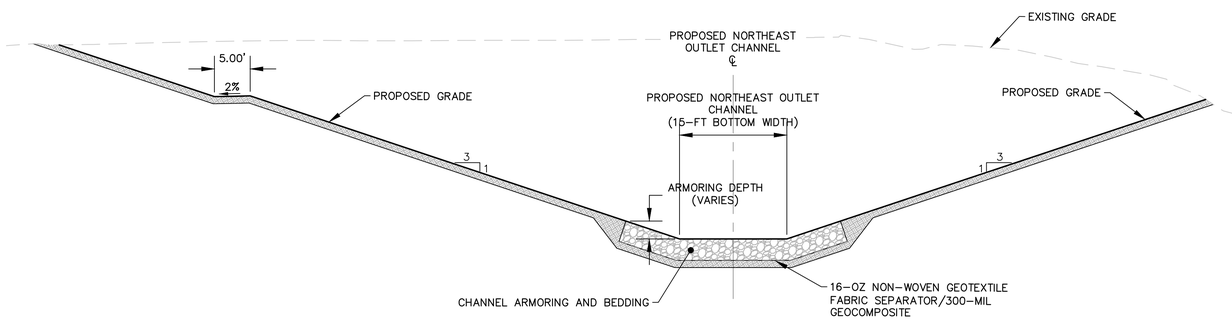
3 / 10 | 25 — NORTH BERM TYPICAL FILL SECTION
1" = 20'
11



4 / 10 | 25 — NORTH BERM TYPICAL CUT SECTION
1" = 8'
11



5 / 12 | 25 — DETENTION BASIN TYPICAL SECTION
1" = 40'



6 / 12 | 25 — NORTHEAST OUTLET CHANNEL TYPICAL SECTION
1" = 40'

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MISCELLANEOUS DETAILS I

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: AS SHOWN	SHEET 25 OF 28		
DATE: 08/01/2024			

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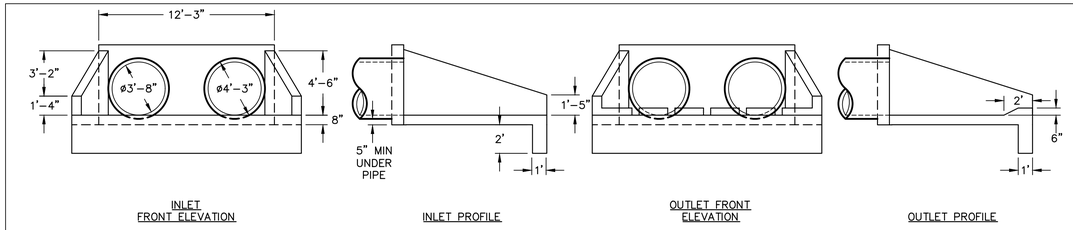
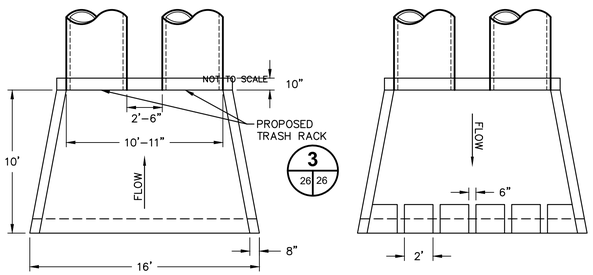
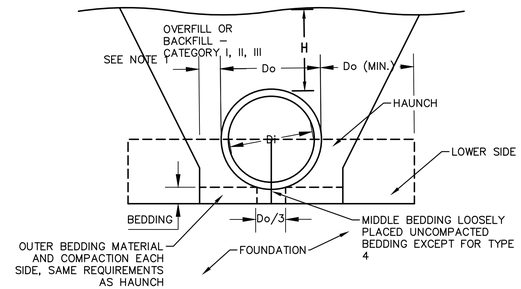
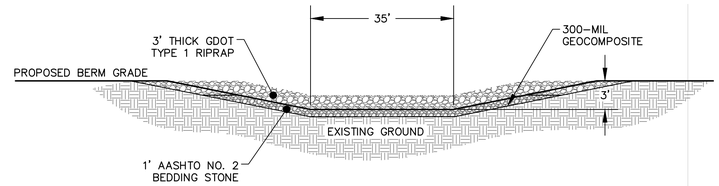




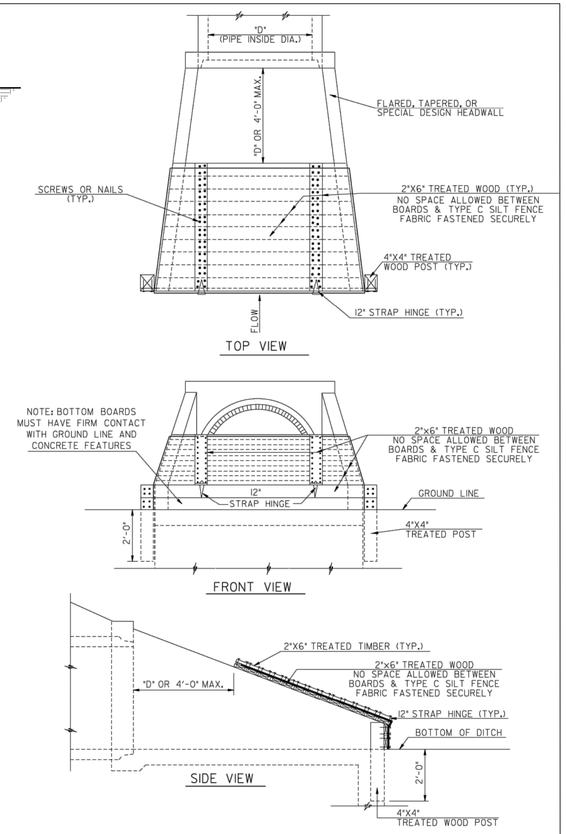


NOTES:
1. CLEARANCE BETWEEN PIPE AND TRENCH WALL SHALL BE ADEQUATE TO ENABLE SPECIFIC COMPACTION, BUT NOT LESS THAN Do/6

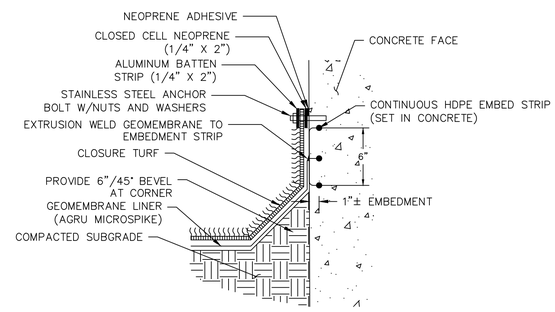
1 — PROPOSED DETENTION BASIN OUTLET STRUCTURE
12 | 26 — 1" = 5'



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



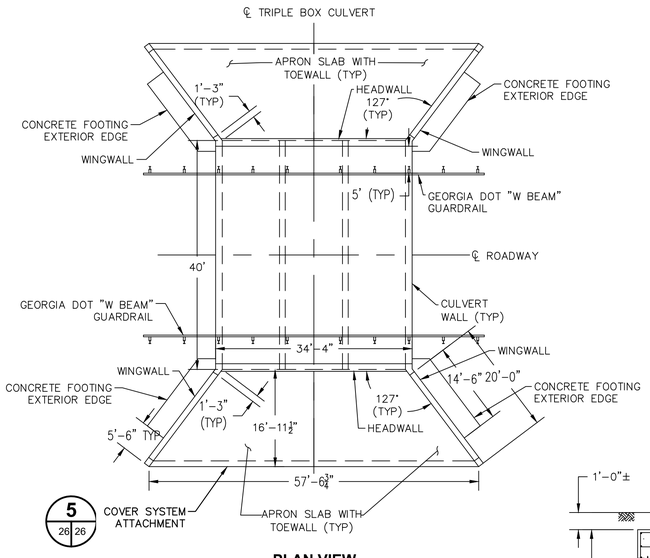
3 — TRASH RACK
26 | 26 — NOT TO SCALE



CLOSURE TURF AND GEOMEMBRANE CONNECTION NOTES:

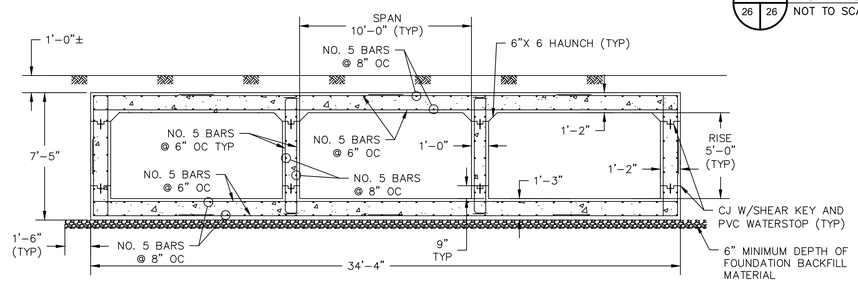
1. CLOSURE TURF CONNECTION WITH CONCRETE EMBEDMENT STRIP DETAIL IS REPRESENTATIVE AND SHALL BE UPDATED BASED ON THE MANUFACTURER'S CURRENT RECOMMENDATIONS.
2. COORDINATE LOCATION OF EMBEDMENT STRIPS WITH FINAL COVER SYSTEM INSTALLATION PER CIVIL DRAWINGS. EMBED STRIP SHALL BE LOCATED AT TOE EDGE OF CONCRETE 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. RIRRAP NOT SHOWN FOR CLARITY.

5 — COVER SYSTEM ATTACHMENT TYPICAL DETAIL
26 | 26 — NOT TO SCALE



PLAN VIEW

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



CROSS SECTION VIEW

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MISCELLANEOUS DETAILS II

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PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: AS SHOWN	SHEET 26 OF 28		
DATE: 08/01/2024			

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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 (ft3/s)	Max Velocity (ft/s)	Max Shear (lb/ft^2)	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	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

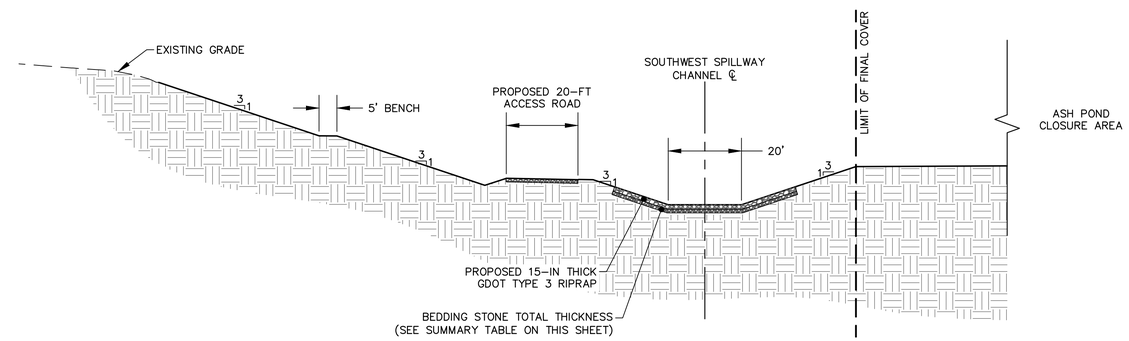
1 (12 | 27) 13 14 **CHANNEL GEOMETRY AND ARMORING SUMMARY TABLE**

NOTE:

1. INCLUDES CLOSE-IN-PLACE AND CCR REMOVAL AREAS.

CCR 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 (ft3/s)	Max Velocity (ft/s)	Max Shear (lb/ft^2)	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	3.3	1.5	2.5	0.5
ESA	2.0	20	3H:1V	0.070	240	150	GDOT Type 1 Riprap	36	12" AASHTO No. 2 Stone, 300-mil geocomposite	500-year	150	5.3	7.6	1.2	0.8
ESB	1.0	20	3H:1V	0.027	510	N/A	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 300-mil geocomposite	500-year	15	2.3	1.0	0.3	0.7
ESC	1.0	20	3H:1V	0.043	350	N/A	GDOT Type 3 Riprap	24	12" AASHTO No. 2 Stone, 300-mil geocomposite	500-year	34	2.3	1.8	0.7	0.3



2 (16 | 27) 17 **SOUTHWEST SPILLWAY CHANNEL TYPICAL SECTION**

1" = 20'

GEORGIA REGISTERED No. 41841 PROFESSIONAL ENGINEER 9-3-2024 CHET ALLEN DICKE

Georgia Power

PERMIT DRAWING - NOT FOR CONSTRUCTION

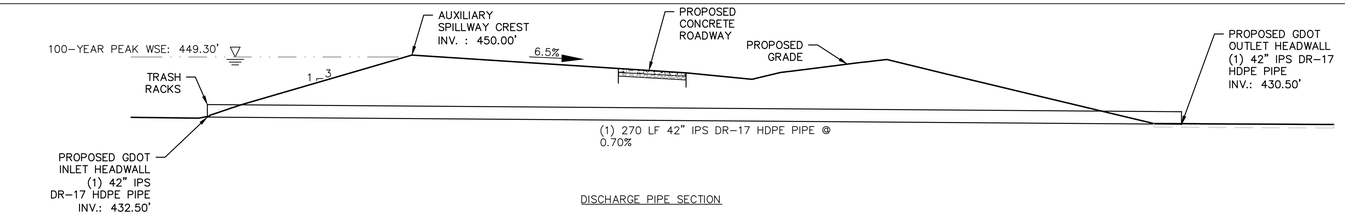
MISCELLANEOUS DETAILS III

CCR CLOSURE
FOR
GEORGIA POWER
PLANT SCHERER ASH POND-1
MONROE COUNTY, GEORGIA

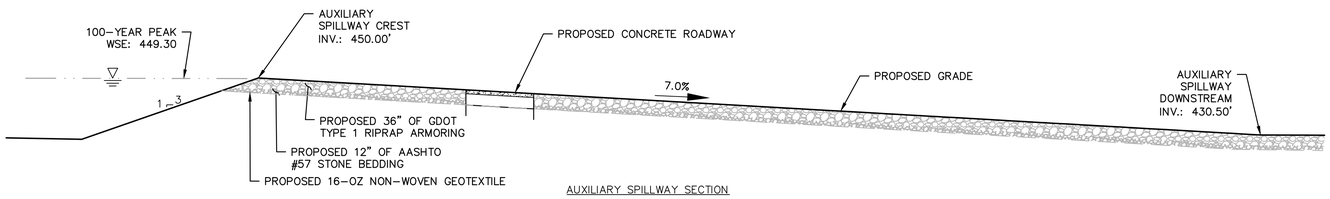
AECOM
(919) 461-1100
WWW.AECOM.COM
5438 WADE PARK BOULEVARD
SUITE 200
RALEIGH, NC 27607

PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: AS SHOWN	SHEET 27 OF 28		
DATE: 08/01/2024			

L:\DCS\Projects\ENV\60563110_SoCoScherer\900_CAD_GIS\7.0 ACAD Drawings\Sheets\4 - 100% Permit Package\63110_25 Miscellaneous Details 1.dwg User:Nathan.Owen Jul 12, 2024 - 10:43am



DISCHARGE PIPE SECTION

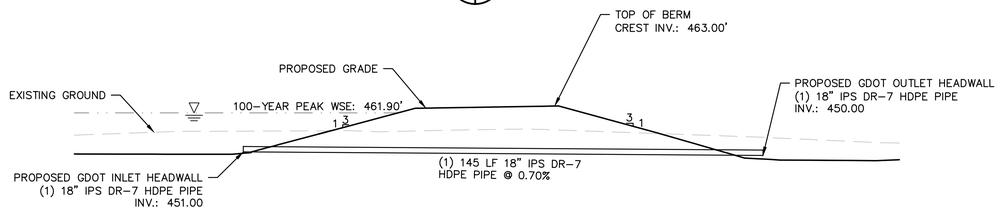


AUXILIARY SPILLWAY SECTION

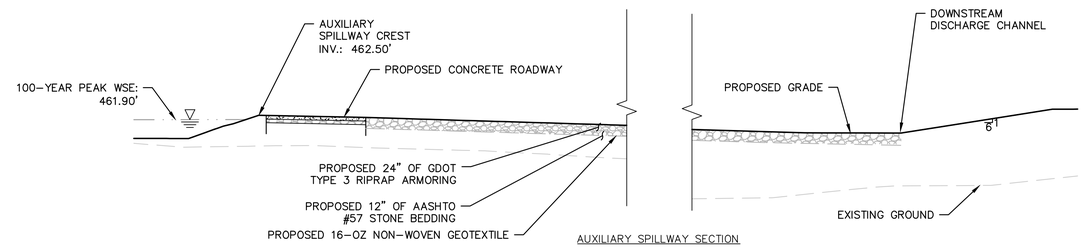
1 DETENTION BASIN A OUTLET AND SPILLWAY

12 | 28 1" = 20'

Basin	Outlet Structure	Peak WSE (ft)		Top of Basin Berm (ft)[1]	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



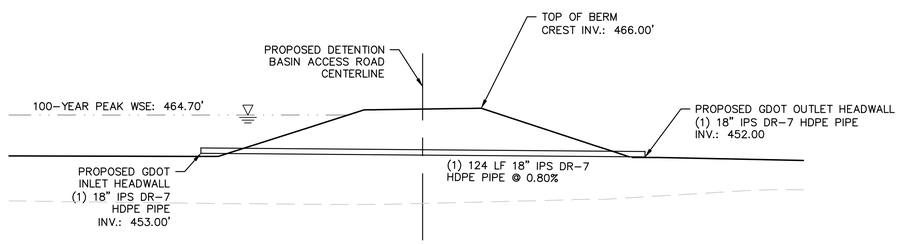
DISCHARGE PIPE SECTION



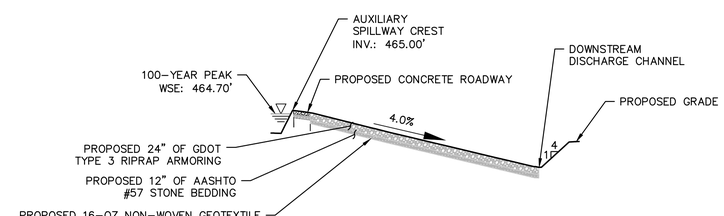
AUXILIARY SPILLWAY SECTION

2 DETENTION BASIN B OUTLET AND SPILLWAY

12 | 28 1" = 20'



DISCHARGE PIPE SECTION



AUXILIARY SPILLWAY SECTION

3 DETENTION BASIN C OUTLET AND SPILLWAY

12 | 28 1" = 20'

GEORGIA REGISTERED PROFESSIONAL ENGINEER 15541 9-3-2024 CHET ALLEN DICKE

Georgia Power

PERMIT DRAWING - NOT FOR CONSTRUCTION

MISCELLANEOUS DETAILS IV

CCR CLOSURE

FOR

GEORGIA POWER
PLANT SCHERER ASH POND-1

MONROE COUNTY, GEORGIA

AECOM

(919) 461-1100
WWW.AECOM.COM

5438 WADE PARK BOULEVARD
SUITE 200
RALEIGH, NC 27607

PROJ. NO.: 60563110	DWG. NA	EDIT	REVISION 0
SCALE: AS SHOWN	SHEET 28 OF 28		
DATE: 08/01/2024			

L:\DCS\Projects\ENV\60563110_SoCoSchere\900_CAD_GIS\7.0 ACAD Drawings\Sheets\4 - 100% Permit Package\63110_25 Miscellaneous Details I.dwg User:Nathan.Owen Jul 12, 2024 - 10:59am

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 hereon. RECORDATION 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 O.C.G.A. Section 15-6-67.

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 BASED 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, NAVD (88)
CONTROL INFORMATION ESTABLISHED WITH JAVAD TRIUMPH–LS DUAL–FREQUENCY GPS RECEIVER REFERENCING eGPS VIRTUAL BASE STATION DATA.

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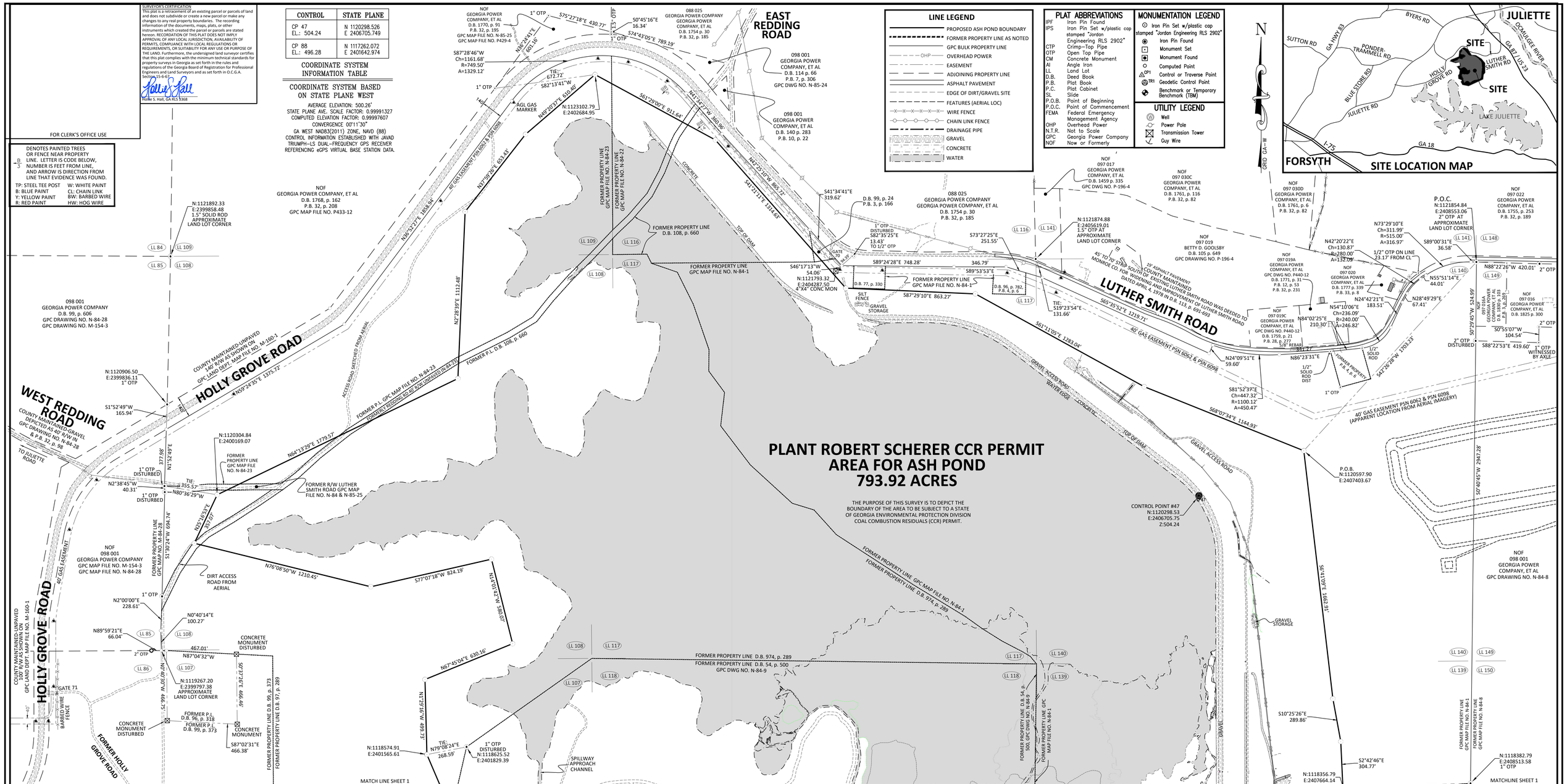
R: RED PAINT HW: HOG WIRE



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 ½"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 ½"rebar set; thence S10°25'26"E a distance of 289.86 feet to a ½"rebar set; thence S2°42'46"E a distance of 304.77 feet to a ½"rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1118356.79 and east 2407664.14; thence S28°50'55"W a distance of 524.91 feet to a ½"rebar set; thence S37°51'58"W a distance of 324.18 feet to a ½"rebar set; thence S25°56'46"W a distance of 145.30 feet to a ½"rebar set; thence S14°07'03"W a distance of 578.66 feet to a ½"rebar set on the northerly side of an existing gravel access road, said point also being the northeasterly 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; thence 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; thence S36°10'12"W a distance of 190.85 feet to a point; thence S25°51'46"W a distance of 176.80 feet to a point; thence S47°32'52"W a distance of 181.62 feet to a point; thence S26°59'21"W a distance of 125.47 feet to a point; thence S10°39'17"E a distance of 108.84 feet to a ½"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; thence 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; thence S62°20'08"W a distance of 152.61 feet to a point; thence S62°12'23"W a distance of 246.20 feet to a point; thence S66°30'38"W a distance of 322.90 feet to a point; thence S64°28'57"W a distance of 358.68 feet to a point; thence S64°57'28"W a distance of 890.29 feet to a point; thence S63°34'07"W a distance of 320.67 feet to a ½"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; thence travel N50°43'59"W a distance of 245.88 feet to a ½"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; thence following the northerly side of said gravel road travel N82°03'44"W a distance of 115.45 feet to a ½"rebar set; thence leaving said existing gravel road travel N57°16'53"W 314.52 feet to a ½"rebar set; thence N57°51'38"W a distance of 418.18 feet to a point; thence S23°44'05"W a distance of 146.25 feet to a ½"rebar set; thence S17°11'19"W a distance of 192.72 feet to a ½"rebar set; thence S59°34'23"W a distance of 271.61 feet to a ½"rebar set; thence N43°16'22"W a distance of 211.18 feet to a ½"rebar set on the southwesterly edge of an existing gravel access road; thence travel N36°11'37"W a distance of 1467.62 feet to a ½"rebar set; thence N53°28'38"E a distance of 84.74 feet to a ½"rebar set on the northeasterly side of an existing gravel access road; thence following the northeasterly side of said gravel access road N35°08'27"W a distance of 127.67 feet to a ½"rebar set; thence N14°48'05"W a distance of 367.56 feet to a ½"rebar set; thence leaving said northeasterly edge of said gravel access road travel N15°01'40"E a distance of 313.00 feet to a ½"rebar set; thence N23°08'11"W a distance of 1030.10 feet to a ½"rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1118574.91 and east 2401565.61; thence N1°29'16"W a distance of 499.73 feet to a ½"rebar set; thence N67°45'04"E a distance of 630.16 feet to a ½"rebar set; thence N14°01'42"W a distance of 580.07 feet to a ½"rebar set; thence S77°07'18"W a distance of 824.19 feet to a ½"rebar set; thence N76°08'50"W a distance of 1210.45 feet to a ½"rebar set; thence N25°16'53"E a distance of 357.07 feet to a ½"rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1120304.84 and east 2400169.07; thence travel N64°13'29"E a distance of 1779.57 feet to a ½"rebar set; thence N2°28'39"E a distance of 1112.48 feet to a ½"rebar set; thence N37°59'26"E a distance of 653.43 feet to a ½"rebar set; thence N49°20'37"E a distance of 610.40 feet to a ½"rebar set; having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1123102.79 and east 2402684.95; thence travel S61°29'00"E a distance of 911.64 feet to a ½"rebar set; thence S41°21'11"E a distance of 1314.63 feet to a 1/2"rebar set; thence S87°29'10"E a distance of 863.27 feet to a ½"rebar set; thence S61°11'05"E a distance of 1283.04 feet to a ½"rebar set; thence 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. 98, p. 414
D.B. 60, p. 367

PLAT REFERENCES:
GPC MAP FILE NO. N-84-22
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 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–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.

GEORGIA REGISTERED LAND SURVEYOR 3368 HOLLIE S. HALL

Corporate License No. LSF 000768

JORDAN ENGINEERING
144 N. WARREN ST. MONTICELLO, GA 31064
(706) 468-8999 www.jordan-eng.com
Engineering ⊙ Surveying ⊙ Soils Classification

T:\Working2\Ash\Scherer\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

REVISION BLOCK	
5/17/2021	Revision to legal description

APPROVALS

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

PBS/LD-1 OF 3

S:\ZARCHIVES\SURVEY ARCHIVES\2019\GPC - PLANT SCHERER ASH PND BOUNDARY\DRAWING\GPC-PLANT SCHERER

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B: BLUE PAINT — CL: CHAIN LINK
Y: YELLOW PAINT — BW: BARBED WIRE
R: RED PAINT — HW: HOG WIRE

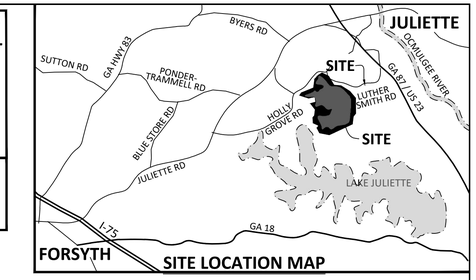
LINE LEGEND
- PROPOSED ASH POND BOUNDARY
- FORMER PROPERTY LINE AS NOTED
- GPC BULK PROPERTY LINE
- OVERHEAD POWER
- EASEMENT
- ADJOINING PROPERTY LINE
- ASPHALT PAVEMENT
- EDGE OF DIRT/GRAVEL SITE
- FEATURES (AERIAL LOC)
- WIRE FENCE
- CHAIN LINK FENCE
- DRAINAGE PIPE
- GRAVEL
- CONCRETE
- WATER

PLAT ABBREVIATIONS

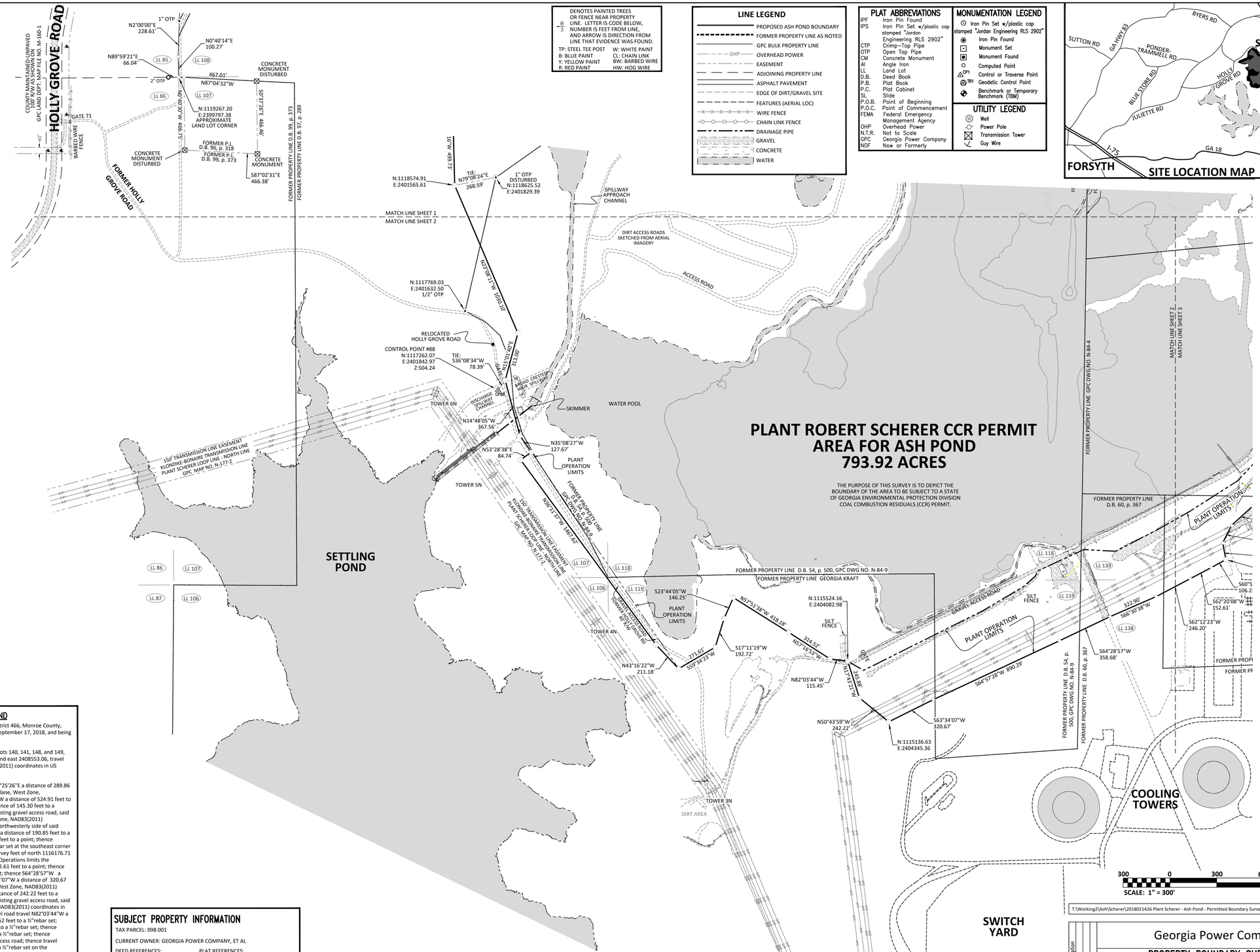
IPF	Iron Pin Found
IPS	Iron Pin Set w/plastic cap stamped "Jordan Engineering RLS 2902"
CTP	Crimp–Top Pipe
OTP	Open Top Pipe
CM	Concrete Monument
AI	Angle Iron
LL	Land Lot
D.B.	Deed Book
P.B.	Plat Book
P.C.	Plat Cabinet
SL	Slide
P.O.B.	Point of Beginning
P.O.C.	Point of Commencement
FEMA	Federal Emergency Management Agency
OHP	Overhead Power
N.T.R.	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
- CP1 Control or Traverse Point
- TB1 Geodetic Control Point
- Benchmark or Temporary Benchmark (TBM)

UTILITY LEGEND
- Well
- Power Pole
- Transmission Tower
- Guy Wire



SITE LOCATION MAP



T:\Working2\Ash\Scherer\2018021426 Plant Scherer - Ash Pond - Permitted Boundary Survey

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 ½"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 ½"rebar set; thence S10°25'26"E a distance of 289.86 feet to a ½"rebar set; thence S2°42'46"E a distance of 304.77 feet to a ½"rebar set, having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1118356.79 and east 2407664.14; thence S28°50'55"W a distance of 524.91 feet to a ½"rebar set; thence S37°51'58"W a distance of 324.18 feet to a ½"rebar set; thence S25°56'46"W a distance of 145.30 feet to a ½"rebar set; thence S14°07'03"W a distance of 578.66 feet to a ½"rebar set on the northerly side of an existing gravel access road, said point also being the northeasterly 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; thence 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; thence S36°10'12"W a distance of 190.85 feet to a point; thence S25°51'46"W a distance of 176.80 feet to a point; thence S47°32'52"W a distance of 181.62 feet to a point; thence S26°59'21"W a distance of 125.47 feet to a point; thence S10°39'17"E a distance of 108.84 feet to a ½"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; thence 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; thence S62°20'08"W a distance of 152.61 feet to a point; thence S62°12'23"W a distance of 246.20 feet to a point; thence S66°30'38"W a distance of 322.90 feet to a point; thence S64°28'57"W a distance of 358.68 feet to a point; thence S64°57'28"W a distance of 890.29 feet to a point; thence S63°34'07"W a distance of 320.67 feet to a ½"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; thence travel N50°43'59"W a distance of 242.22 feet to a ½"rebar set; thence N17°43'21"W a distance of 245.88 feet to a ½"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; thence following the northerly side of said gravel road travel N82°03'44"W a distance of 115.45 feet to a ½"rebar set; thence leaving said existing gravel road travel N57°16'53"W 314.52 feet to a ½"rebar set; thence N57°51'38"W a distance of 418.18 feet to a point; thence S23°44'05"W a distance of 146.25 feet to a ½"rebar set; thence S17°11'19"W a distance of 192.72 feet to a ½"rebar set; thence S59°34'23"W a distance of 271.61 feet to a ½"rebar set; thence N43°16'22"W a distance of 211.18 feet to a ½"rebar set on the southwesterly edge of an existing gravel access road; thence travel N36°11'37"W a distance of 1467.62 feet to a ½"rebar set; 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thence travel N64°13'29"E a distance of 1779.57 feet to a ½"rebar set; thence N2°28'39"E a distance of 1112.48 feet to a ½"rebar set; thence N37°59'26"E a distance of 653.43 feet to a ½"rebar set; thence N49°20'37"E a distance of 610.40 feet to a ½"rebar set; having Georgia State Plane, West Zone, NAD83(2011) coordinates in US survey feet of north 1123102.79 and east 2402684.95; thence travel S61°29'00"E a distance of 911.64 feet to a ½"rebar set; thence S41°21'11"E a distance of 1314.63 feet to a 1/2"rebar set; thence S87°29'10"E a distance of 863.27 feet to a ½"rebar set; thence S61°11'05"E a distance of 1283.04 feet to a ½"rebar set; thence 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:	PLAT REFERENCES:
D.B. 58, p. 374	GPC MAP FILE NO. N-84-22
D.B. 114, p. 66	GPC MAP FILE NO. N-84-23
D.B. 108, p. 658	GPC MAP FILE NO. N-85-24
D.B. 108, p. 660	P.B. 7, p. 306
D.B. 924, p. 136	GPC MAP FILE NO. N-85-25
D.B. 77, p. 330	P.B. 20, p. 220
D.B. 98, p. 236	GPC MAP FILE NO. N-84-1
D.B. 97, P. 289	P.B. 5, p. 271
D.B. 98, p. 414	GPC MAP FILE NO. N-84-8
D.B. 60, p. 367	P.B. 6, p. 14
	GPC MAP FILE 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–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.

GEORGIA REGISTERED LAND SURVEYOR 3368 HOLLIE S. HALL

JORDAN ENGINEERING
144 N. WARREN ST. MONTICELLO, GA 31064
(706) 468-8999 www.jordan-eng.com
Engineering ◇ Surveying ◇ Soils Classification

Corporate License No. LSF 000768

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

REVISION BLOCK	
5/11/2021	Revision to legal description

APPROVALS

DR.	TR.	Checked
HSH		ROJ/HSH
SCALE 1" = 300'		DATE 09.17.2018
DRAWING NUMBER P469		SHEET NUMBER SHEET 2 OF 3

PBS/LD-2 OF 3

S:\ZARCHIVES\SURVEY ARCHIVES\2019\GPC - PLANT SCHERER ASH PND BOUNDARY\DRAWING\GPC-PLANT SCHERER

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 hereon. RECORDATION 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 O.C.G.A. Section 15-6-67.

Hollie S. Hall, GA RLS 3368

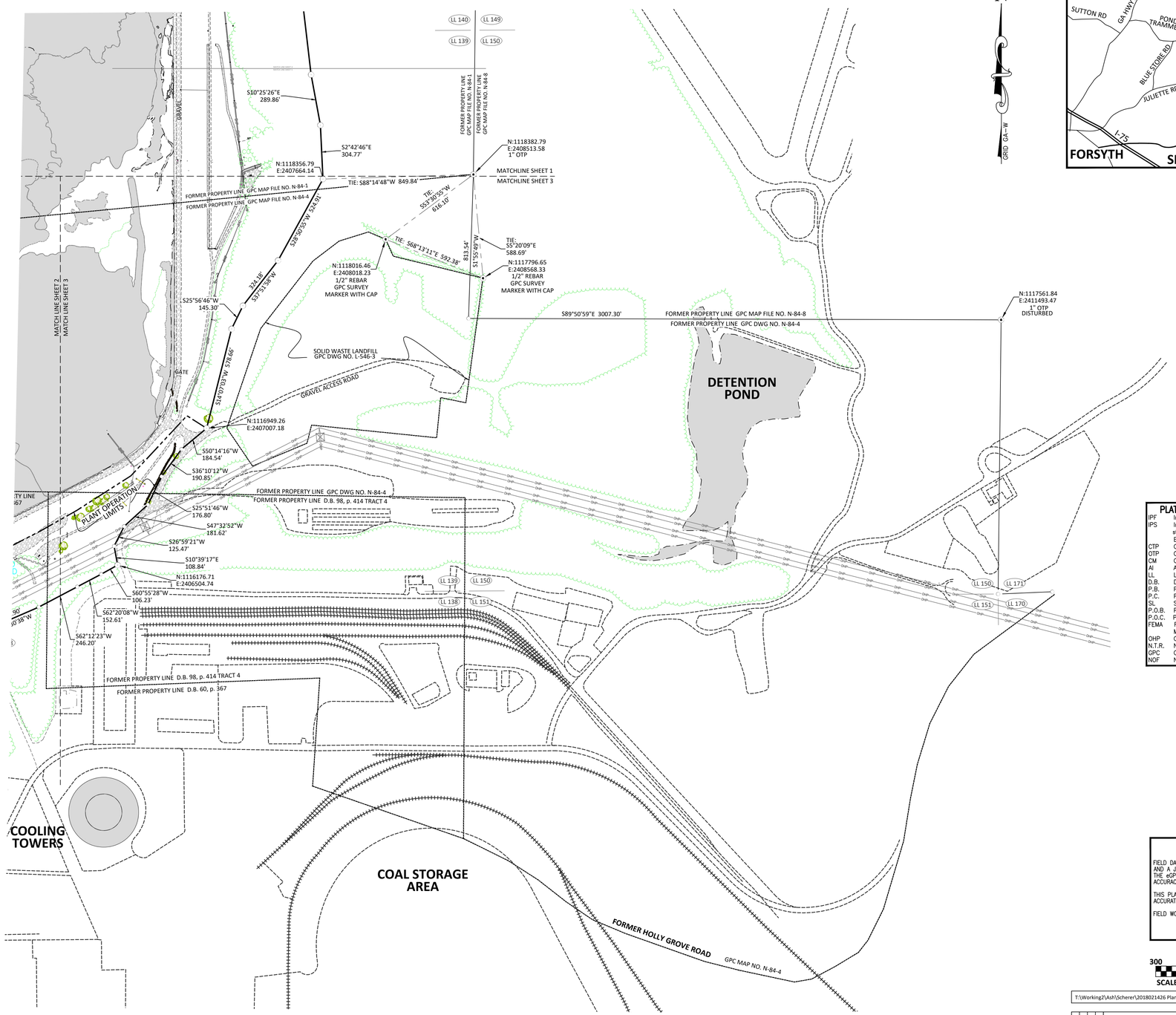
FOR CLERK'S OFFICE USE

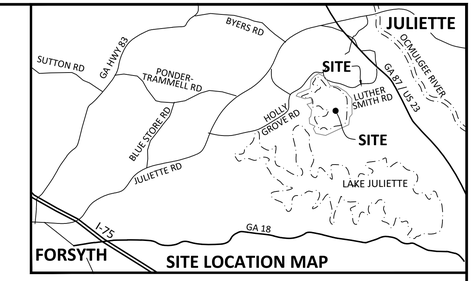
CONTROL	STATE PLANE
CP 47 EL.: 504.24	N 1120298.526 E 2406705.749
CP 88 EL.: 496.28	N 1117262.072 E 2401642.974

COORDINATE SYSTEM INFORMATION TABLE

COORDINATE SYSTEM BASED 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, NAVD (88)
CONTROL INFORMATION ESTABLISHED WITH JAVAD TRIUMPH–LS DUAL–FREQUENCY GPS RECEIVER REFERENCING eGPS VIRTUAL BASE STATION DATA.





DENOTES PAINTED TREES OR FENCE NEAR PROPERTY LINE. LETTER IS 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

LINE LEGEND

- PROPOSED ASH POND BOUNDARY
- FORMER PROPERTY LINE AS NOTED
- GPC BULK PROPERTY LINE
- OVERHEAD POWER
- 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.	Plat Book
P.C.	Plat 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.R.	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
- CP1 Control or Traverse Point
- TB1 Geodetic Control Point
- Benchmark or Temporary Benchmark (TBM)

UTILITY LEGEND

- Well
- Power Pole
- Transmission Tower
- Guy Wire

SUBJECT PROPERTY INFORMATION

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CURRENT OWNER: GEORGIA POWER COMPANY, ET AL

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FIELD WORK WAS COMPLETED IN APRIL, 2018.

300 0 300 600 900
SCALE: 1" = 300'

T:\Working2\Ash\Scherer\2018021426 Plant Scherer - Ash Pond - Permitted Boundary Survey

GEORGIA REGISTERED PROFESSIONAL ENGINEER HOLLIE S. HALL

Corporate License No. LSF 000768

JORDAN ENGINEERING
144 N. WARREN ST. MONTICELLO, GA 31064
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Engineering ○ Surveying ○ Soils Classification

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

REVISION BLOCK	
5/11/2021	Revision to legal description

APPROVALS

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

S:\ZARCHIVES\SURVEY ARCHIVES\2019\GPC - PLANT SCHERER ASH PND BOUNDARY\DRAWING\GPC-PLANT SCHERER

PBS/LD-3 OF 3