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GEORGIA POWER COMPANY

PLANT SCHERER

COAL COMBUSTION RESIDUALS (CCR) LANDFILL

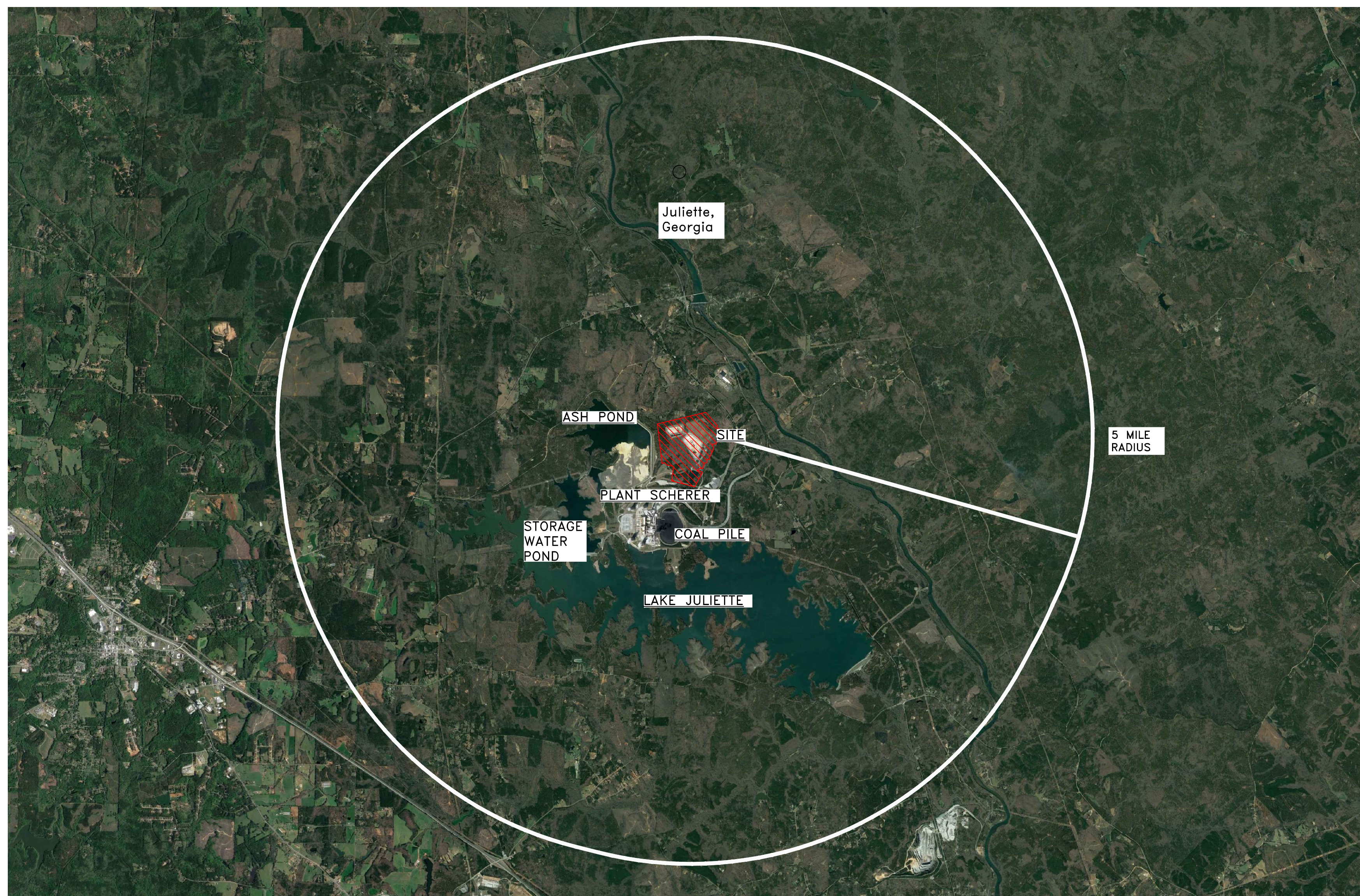
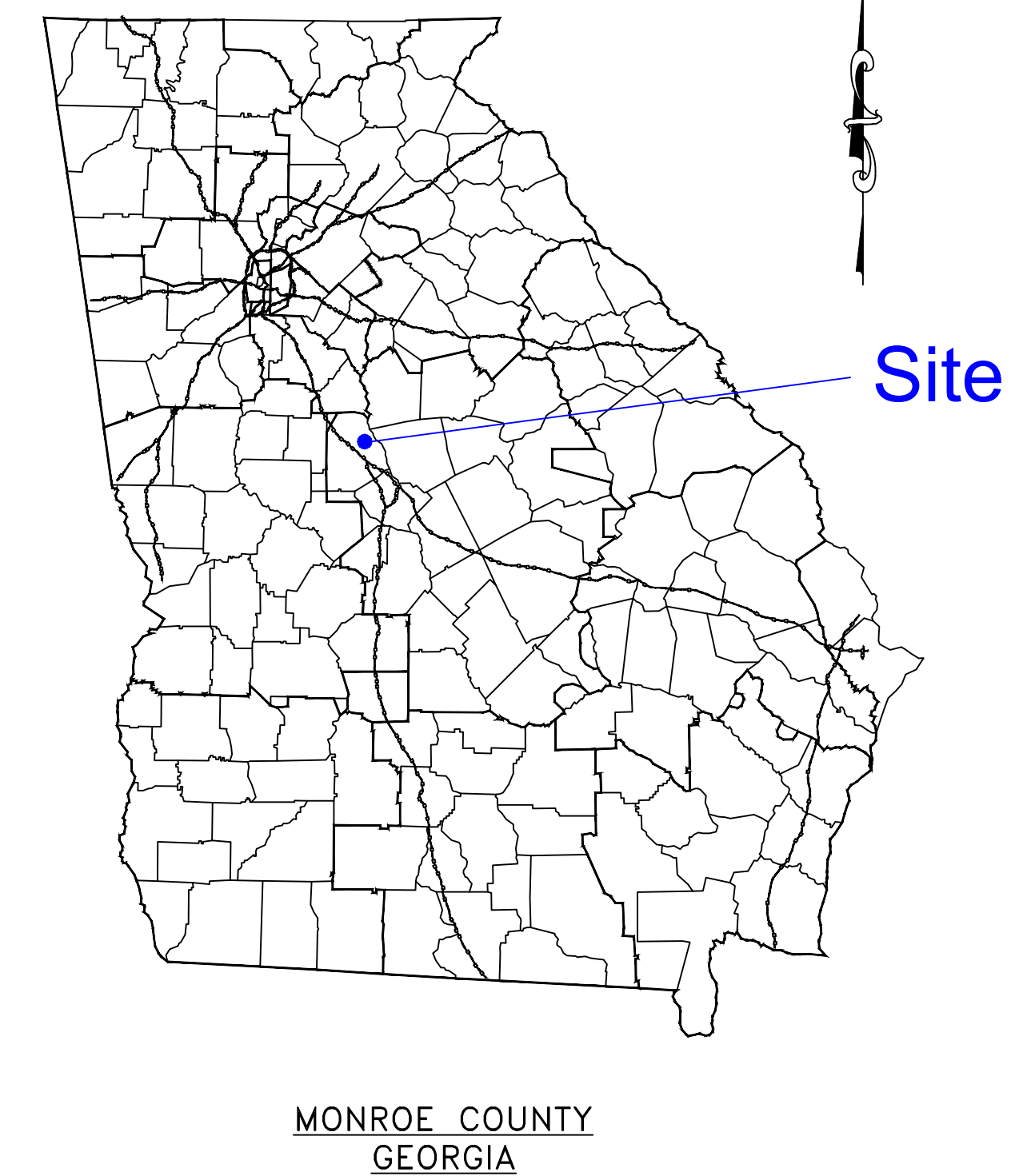
PERMIT DRAWINGS

MONROE COUNTY, GEORGIA

OCTOBER 2022

2 REVISED: DECEMBER 2024

LOCATION MAP
SCALE AS SHOWN



LEGEND:

COAL COMBUSTION RESIDUALS LANDFILL AREA

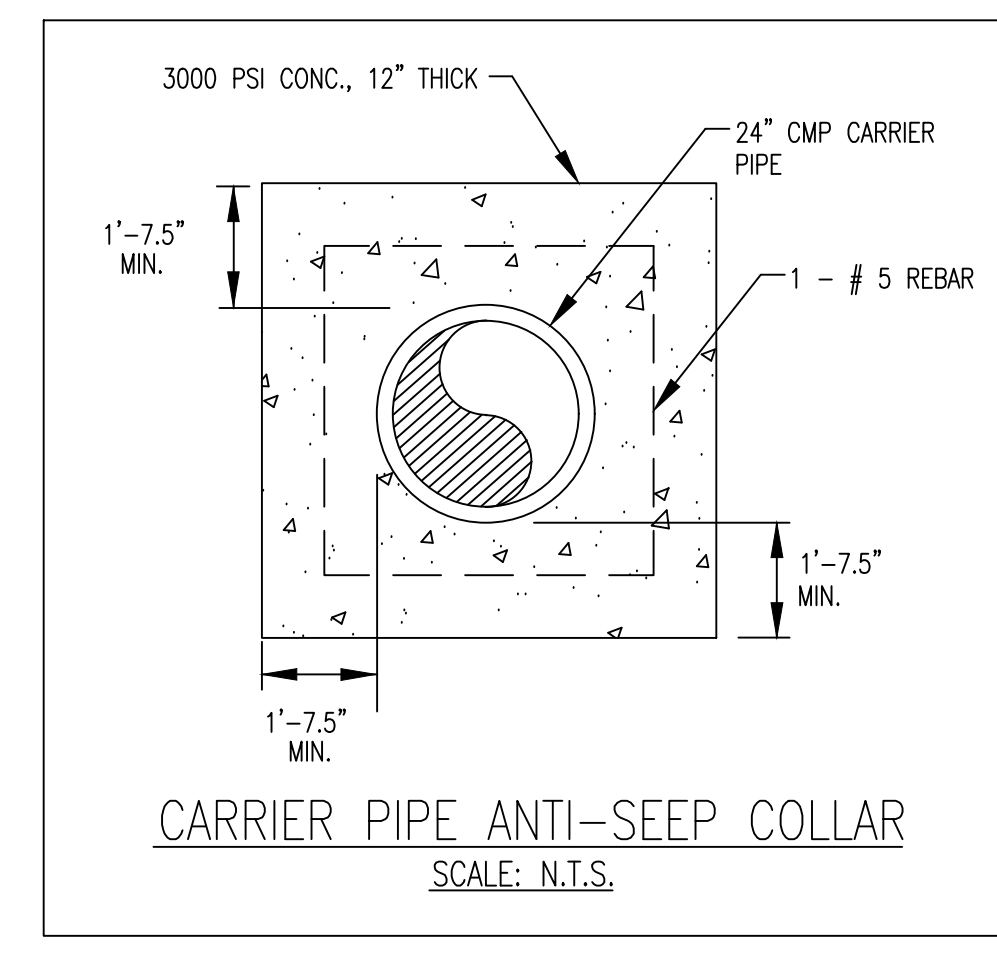
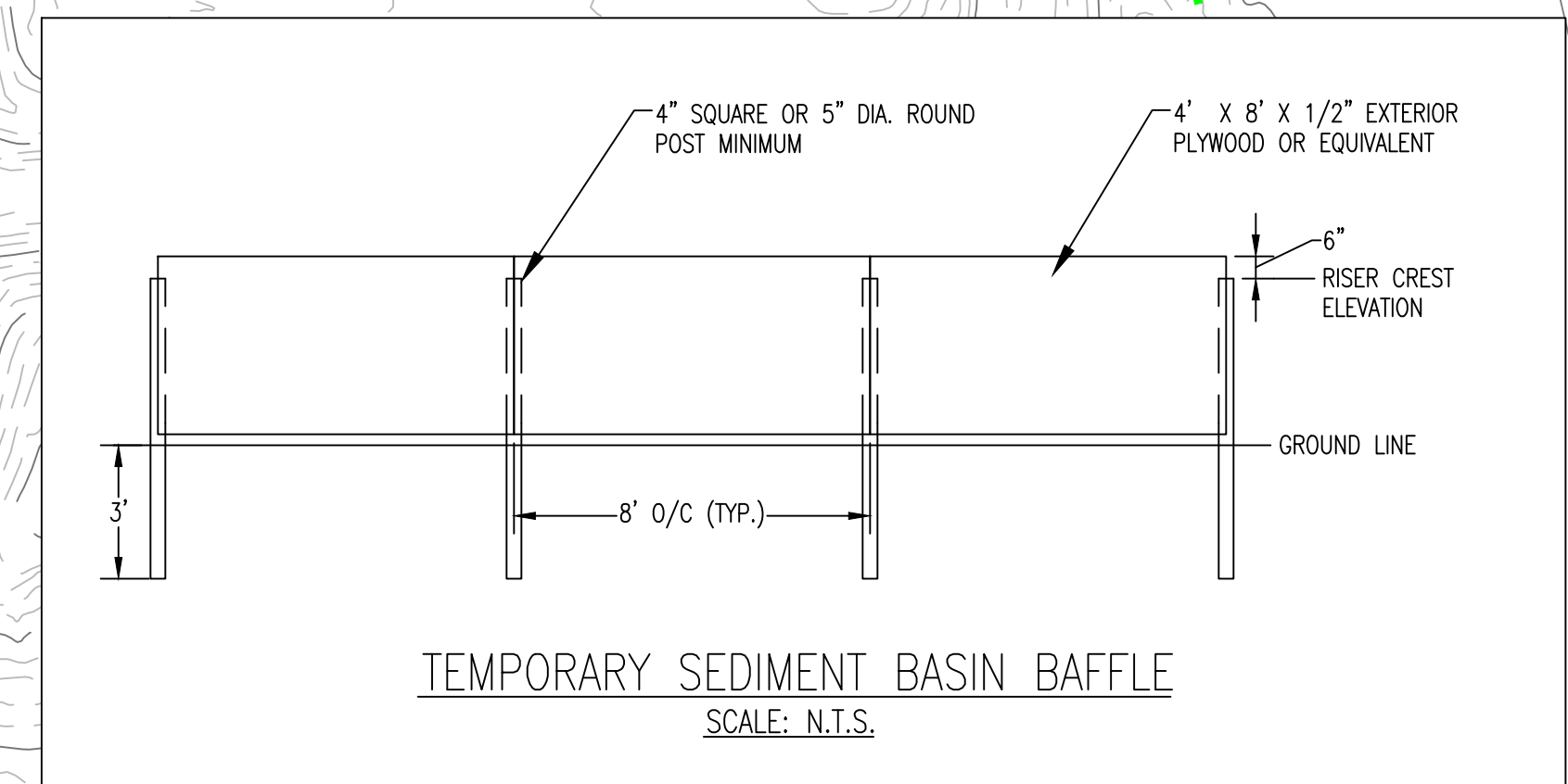
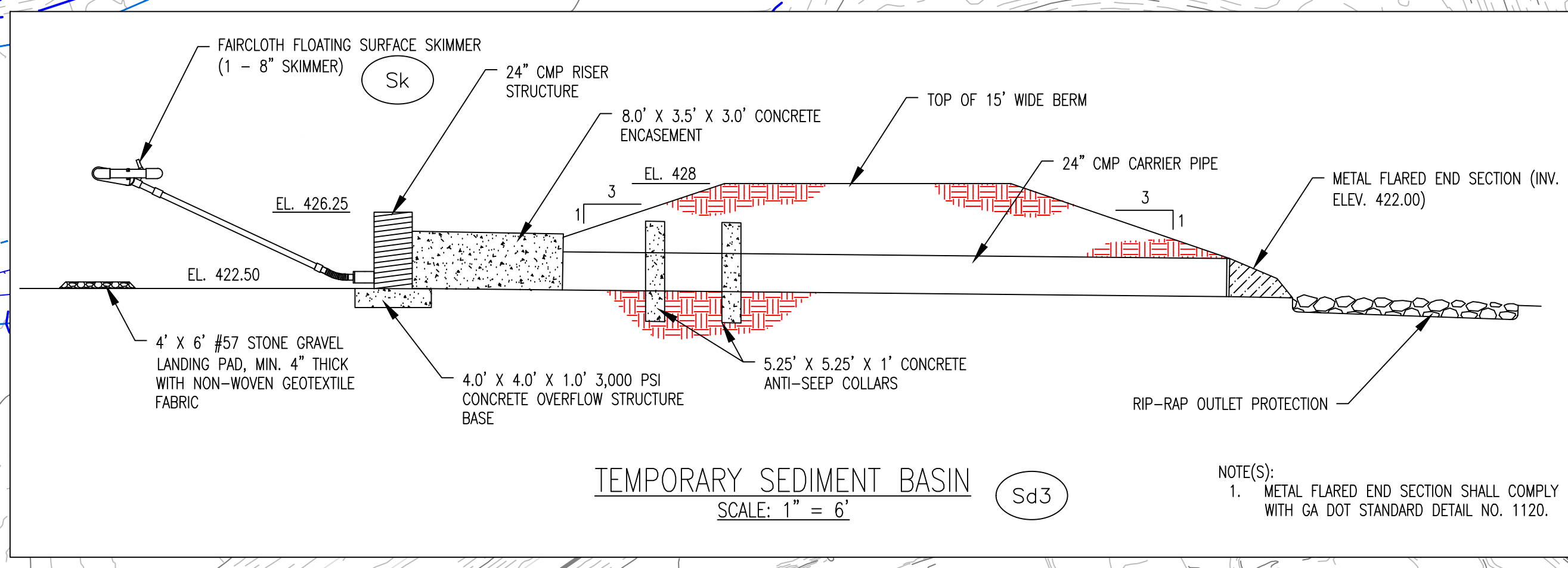
RESPONSIBLE OFFICIAL	CONSULTANT	ADDRESS
DIRECTOR ENVIRONMENTAL AFFAIRS GEORGIA POWER COMPANY BIN 10221 241 RALPH MCGILL BLVD. ATLANTA, GEORGIA 30308 (404) 506-6505	SOUTHERN COMPANY GENERATION GARY McWHORTER BIN 10160 241 RALPH MCGILL BLVD. ATLANTA, GEORGIA 30308 TEL: (404) 506-7291	PLANT SCHERER 10986 GEORGIA 87 JULIETTE, GA 31046
PROPERTY OWNER	CCR LANDFILL PERMIT APPLICATION CONSULTANT	
GEORGIA POWER COMPANY 241 RALPH MCGILL BLVD. ATLANTA, GEORGIA 30308	HODGES, HARBIN, NEWBERRY & TRIBBLE, INC. [HHNT, INC.] 3920 ARKWRIGHT ROAD, SUITE 101 MACON, GEORGIA 31210 TEL: (478) 743-7175	



NOTES:

1. COAL COMBUSTION BY-PRODUCTS AND COAL COMBUSTION RESIDUALS SHALL HAVE THE SAME MEANING IN THESE PERMIT DRAWINGS.
2. PERMIT REVISION HISTORY: THE ORIGINAL PERMIT DRAWINGS FOR THE PLANT SCHERER CCR LANDFILL WERE PREPARED BY SOUTHERN COMPANY GENERATION ENGINEERING AND CONSTRUCTION SERVICES (SCGCS). THESE PERMIT DRAWINGS WERE REVIEWED BY GEORGIA EPD AND APPROVED IN SEPTEMBER 2009 AS PART OF THE FACILITY'S SOLID WASTE HANDLING PERMIT WITH SUBSEQUENT REVISIONS TO THE DRAWINGS APPROVED BY GEORGIA EPD THROUGH PERMIT MODIFICATIONS. HODGES, HARBIN, NEWBERRY, AND TRIBBLE INC. (HHNT) HAS ASSISTED GEORGIA POWER COMPANY IN PREPARATION OF THE CCR LANDFILL PERMIT AS REQUIRED BY THE NEW SOLID WASTE RULE 391-4-.10(9)(a) FOR COAL COMBUSTION RESIDUALS UNITS. MINOR PLAN REVISIONS AND UPDATES HAVE BEEN MADE AS PART OF THE NEW CCR LANDFILL PERMITTING PROCESS AND ARE INCLUDED HEREIN. AT THE REQUEST OF GEORGIA EPD AND AS PART OF THE NEW CCR PERMIT PROCESS, ALL PREVIOUS PLAN REVISION NOTES FOR THE FACILITY'S ORIGINAL SOLID WASTE HANDLING PERMIT HAVE BEEN REMOVED.

REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		REVISION		DATE		SCALE		PROJ. I.D.		DRAWING NUMBER		SHEET		CONTD.		REV.	
								REVISION 2		DATE 12-09-2024		REVISION 1		DATE 2-8-2024		REVISION 0		DATE 10-24-2022																	
								CELL 3 MODIFICATIONS AND CELL 2 TEMPORARY SEDIMENT BASIN				RAIN TARP COVER AND AERATION FOUNTAINS MODIFICATION [BY HHNT, INC.]				CCR LANDFILL PERMIT APPLICATION [BY HHNT, INC.]																			
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LEGEND:

- 700--- EXISTING GROUND CONTOURS
- EDGE OF WATER
- WATER BUFFER
- EXISTING FENCE
- 700--- FINAL GRADE CONTOURS
- PROPOSED PIPE

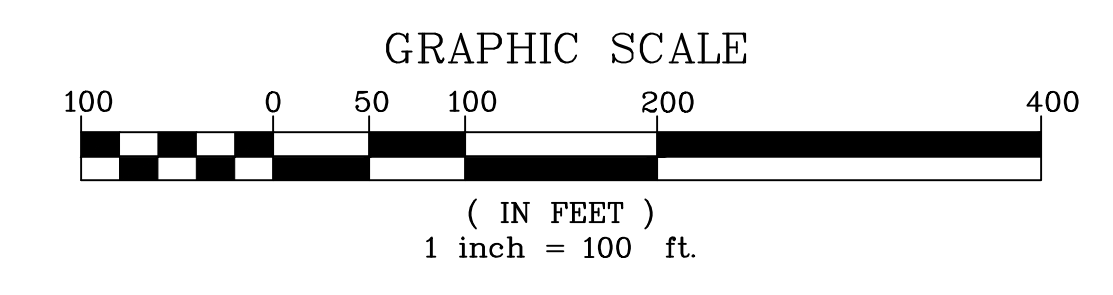
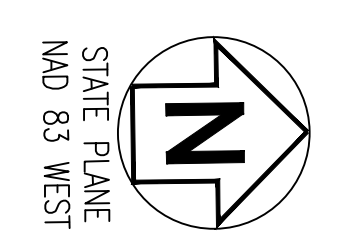
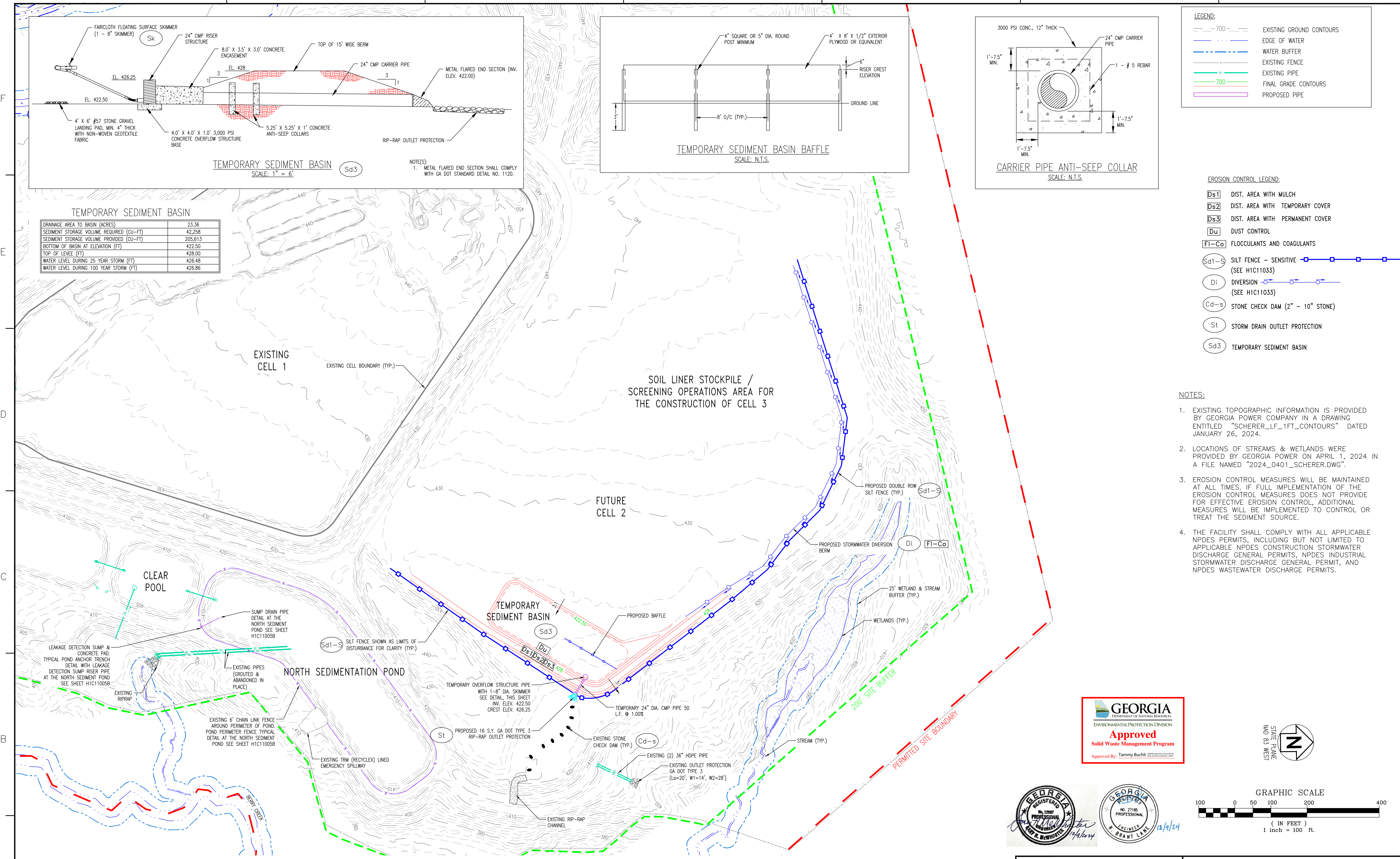
EROSION CONTROL LEGEND:

- Ds1 DIST. AREA WITH MULCH
- Ds2 DIST. AREA WITH TEMPORARY COVER
- Ds3 DIST. AREA WITH PERMANENT COVER
- Du DUST CONTROL
- FI-Co FLOCCULANTS AND COAGULANTS
- Sd1-S SILT FENCE - SENSITIVE (SEE H1C11033)
- Di DIVERSION (SEE H1C11033)
- Cd-s STONE CHECK DAM (2" - 10" STONE)
- St STORM DRAIN OUTLET PROTECTION
- Sd3 TEMPORARY SEDIMENT BASIN

TEMPORARY SEDIMENT BASIN

DRAINAGE AREA TO BASIN (ACRES)	23.36
SEDIMENT STORAGE VOLUME REQUIRED (CU-FT)	42,258
SEDIMENT STORAGE VOLUME PROVIDED (CU-FT)	205,613
BOTTOM OF BASIN AT ELEVATION (FT)	422.50
TOP OF LOUVE (FT)	428.00
WATER LEVEL DURING 25 YEAR STORM (FT)	426.48
WATER LEVEL DURING 100 YEAR STORM (FT)	426.86

- NOTES:**
- EXISTING TOPOGRAPHIC INFORMATION IS PROVIDED BY GEORGIA POWER COMPANY IN A DRAWING ENTITLED "SCHERER_LF_1FT_CONTOURS" DATED JANUARY 26, 2024.
 - LOCATIONS OF STREAMS & WETLANDS WERE PROVIDED BY GEORGIA POWER ON APRIL 1, 2024 IN A FILE NAMED "2024_0401_SCHERER.DWG".
 - EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE EROSION CONTROL MEASURES DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL MEASURES WILL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 - THE FACILITY SHALL COMPLY WITH ALL APPLICABLE NPDES PERMITS, INCLUDING BUT NOT LIMITED TO APPLICABLE NPDES CONSTRUCTION STORMWATER DISCHARGE GENERAL PERMITS, NPDES INDUSTRIAL STORMWATER DISCHARGE GENERAL PERMIT, AND NPDES WASTEWATER DISCHARGE PERMITS.



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DISC MGR												DISC																																			

BENCHMARKS			
BM NO.	NORTHING	EASTING	ELEV.
2429CORVERT	1120954.780	2409679.540	449.908
2429GLDAM	1119181.125	2406850.661	505.063
2429DGPS	1121395.730	2407630.407	454.322
2429FGPS	1121025.679	2413114.358	431.256
2429HGPS	1120155.368	2413549.744	434.150
2429JGPS	1115972.890	2410231.861	434.065
2429KGPS	1115763.745	2411823.723	455.886

NOTE: BENCHMARKS ARE LOCATED OUTSIDE THE LIMITS OF THE SHEET

DRAINAGE STRUCTURES							
PIPE NO.	SIZE	LENGTH	SLOPE	MATERIAL	INLET INV.	OUTLET INV.	
101	30"	131'	0.44%	HDPE	440.55	439.98	
102	4 - 36"	56'	0.71%	HDPE	413.50	413.10	
103	4 - 36"	56'	0.71%	HDPE	413.50	413.10	
200	36"	147'	8.84%	HDPE	405.00	392.00	
T1	2 - 48"	100'	0.00%	HDPE	* SEE NOTE	* SEE NOTE	

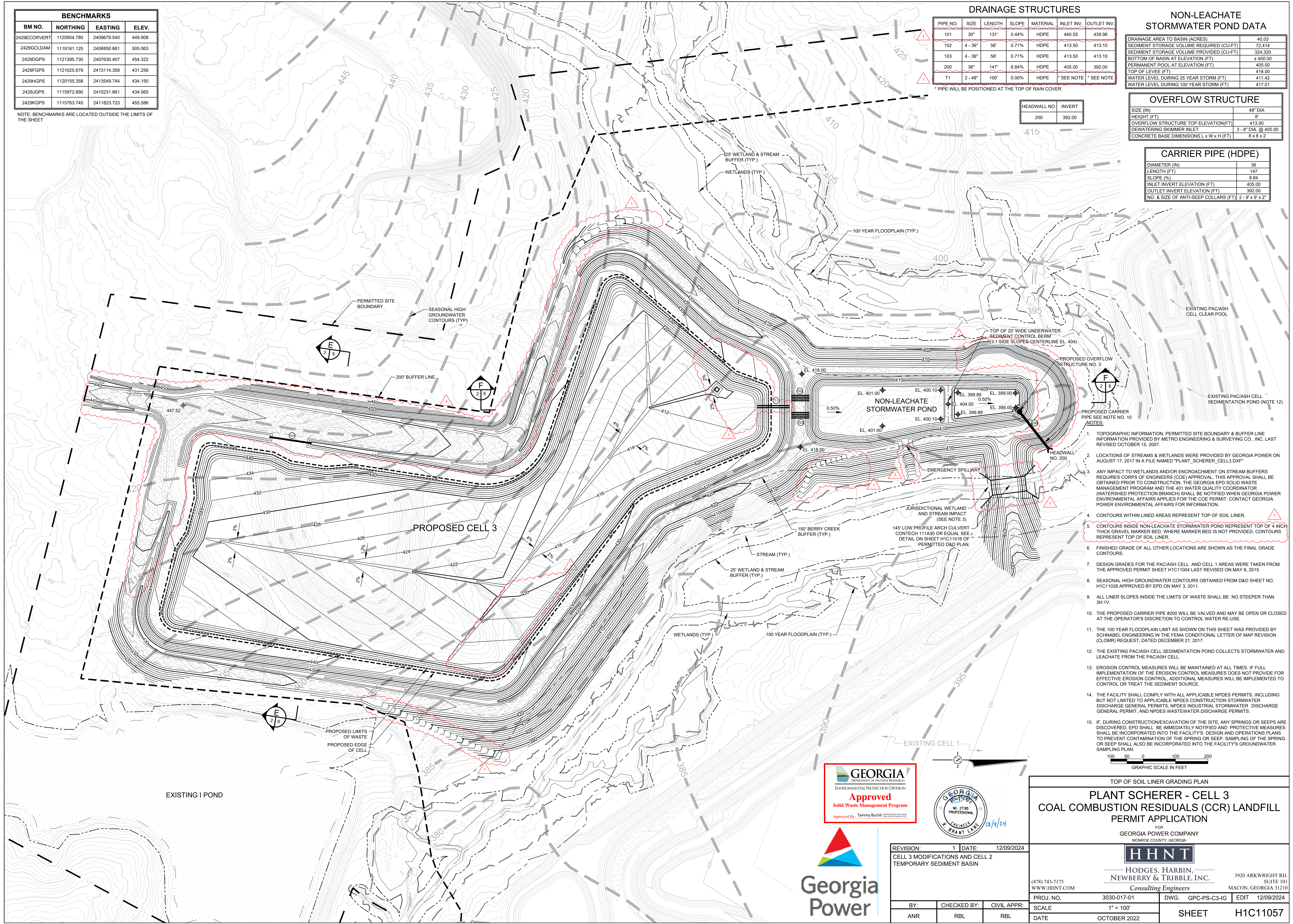
* PIPE WILL BE POSITIONED AT THE TOP OF RAIN COVER

HEADWALL NO.	INVERT
200	392.00

NON-LEACHATE STORMWATER POND DATA	
DRAINAGE AREA TO BASIN (ACRES)	40.03
SEDIMENT STORAGE VOLUME REQUIRED (CU-FT)	72,414
SEDIMENT STORAGE VOLUME PROVIDED (CU-FT)	324,320
BOTTOM OF BASIN AT ELEVATION (FT)	± 400.00
PERMANENT POOL AT ELEVATION (FT)	405.00
TOP OF LEVEE (FT)	418.00
WATER LEVEL DURING 25 YEAR STORM (FT)	411.42
WATER LEVEL DURING 100 YEAR STORM (FT)	417.01

OVERFLOW STRUCTURE	
SIZE (IN)	48" DIA
HEIGHT (FT)	8'
OVERFLOW STRUCTURE TOP ELEVATION (FT)	413.00
DEWATERING SKIMMER INLET	3 - 8" DIA @ 405.00
CONCRETE BASE DIMENSIONS L x W x H (FT)	8 x 8 x 2

CARRIER PIPE (HDPE)	
DIAMETER (IN)	36
LENGTH (FT)	147
SLOPE (%)	8.84
INLET INVERT ELEVATION (FT)	405.00
OUTLET INVERT ELEVATION (FT)	392.00
NO. & SIZE OF ANTI-SEEP COLLARS (FT)	2 - 9' x 9' x 2'



- TOPOGRAPHIC INFORMATION, PERMITTED SITE BOUNDARY & BUFFER LINE INFORMATION PROVIDED BY METRO ENGINEERING & SURVEYING CO., INC. LAST REVISED OCTOBER 15, 2007.
- LOCATIONS OF STREAMS & WETLANDS WERE PROVIDED BY GEORGIA POWER ON AUGUST 17, 2017 IN A FILE NAMED "PLANT_SCHERER_CELL3.DXF"
- ANY IMPACT TO WETLANDS AND/OR ENCROACHMENT ON STREAM BUFFERS REQUIRES CORPS OF ENGINEERS (COE) APPROVAL. THIS APPROVAL SHALL BE OBTAINED PRIOR TO CONSTRUCTION. THE GEORGIA EPD SOLID WASTE MANAGEMENT PROGRAM AND THE 401 WATER QUALITY COORDINATOR (WATERSHED PROTECTION BRANCH) SHALL BE NOTIFIED WHEN GEORGIA POWER ENVIRONMENTAL AFFAIRS APPLIES FOR THE COE PERMIT. CONTACT GEORGIA POWER ENVIRONMENTAL AFFAIRS FOR INFORMATION.
- CONTOURS WITHIN LINED AREAS REPRESENT TOP OF SOIL LINER.
- CONTOURS INSIDE NON-LEACHATE STORMWATER POND REPRESENT TOP OF 4 INCH THICK GRAVEL MARKER BED. WHERE MARKER BED IS NOT PROVIDED, CONTOURS REPRESENT TOP OF SOIL LINER.
- FINISHED GRADE OF ALL OTHER LOCATIONS ARE SHOWN AS THE FINAL GRADE CONTOURS.
- DESIGN GRADES FOR THE PAC/ASH CELL AND CELL 1 AREAS WERE TAKEN FROM THE APPROVED PERMIT SHEET H1C11004 LAST REVISED ON MAY 8, 2015.
- SEASONAL HIGH GROUNDWATER CONTOURS OBTAINED FROM D&O SHEET NO. H1C11029 APPROVED BY EPD ON MAY 3, 2011.
- ALL LINER SLOPES INSIDE THE LIMITS OF WASTE SHALL BE NO STEEPER THAN 3H:1V.
- THE PROPOSED CARRIER PIPE #200 WILL BE VALVED AND MAY BE OPEN OR CLOSED AT THE OPERATOR'S DISCRETION TO CONTROL WATER RE-USE.
- THE 100 YEAR FLOODPLAIN LIMIT AS SHOWN ON THIS SHEET WAS PROVIDED BY SCHNABEL ENGINEERING IN THE FEMA CONDITIONAL LETTER OF MAP REVISION (CLOMR) REQUEST, DATED DECEMBER 21, 2017.
- THE EXISTING PAC/ASH CELL SEDIMENTATION POND COLLECTS STORMWATER AND LEACHATE FROM THE PAC/ASH CELL.
- EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE EROSION CONTROL MEASURES DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL MEASURES WILL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- THE FACILITY SHALL COMPLY WITH ALL APPLICABLE NPDES PERMITS, INCLUDING BUT NOT LIMITED TO APPLICABLE NPDES CONSTRUCTION STORMWATER DISCHARGE GENERAL PERMITS, NPDES INDUSTRIAL STORMWATER DISCHARGE GENERAL PERMIT, AND NPDES WASTEWATER DISCHARGE PERMITS.
- IF, DURING CONSTRUCTION/EXCAVATION OF THE SITE, ANY SPRINGS OR SEEPS ARE DISCOVERED, EPD SHALL BE IMMEDIATELY NOTIFIED AND PROTECTIVE MEASURES SHALL BE INCORPORATED INTO THE FACILITY'S DESIGN AND OPERATIONS PLANS TO PREVENT CONTAMINATION OF THE SPRING OR SEEP. SAMPLING OF THE SPRING OR SEEP SHALL ALSO BE INCORPORATED INTO THE FACILITY'S GROUNDWATER SAMPLING PLAN.



TOP OF SOIL LINER GRADING PLAN

PLANT SCHERER - CELL 3
COAL COMBUSTION RESIDUALS (CCR) LANDFILL
PERMIT APPLICATION

FOR
 GEORGIA POWER COMPANY
 MONROE COUNTY, GEORGIA

HHNT
 HODGES, HARBIN,
 NEWBERRY & TRIBBLE, INC.
 Consulting Engineers

3920 ARKWRIGHT RD. SUITE 101
 MACON, GEORGIA 31210

REVISION: 1 | DATE: 12/09/2024
 CELL 3 MODIFICATIONS AND CELL 2
 TEMPORARY SEDIMENT BASIN

BY:	CHECKED BY:	CIVIL APPR:
ANR	RBL	RBL

PROJ. NO. 3030-017-01 | DWG. GPC-PS-C3-IG | EDIT 12/09/2024
 SCALE 1" = 100'
 DATE OCTOBER 2022

SHEET H1C11057

BENCHMARKS			
BM NO.	NORTHING	EASTING	ELEV.
2429ECORVERT	1120954.780	2409679.540	449.908
2429GCLDAM	1119181.125	2406850.661	505.063
2429DGPS	1121395.730	2407630.407	454.322
2429FGPS	1121025.679	2413114.358	431.256
2429HGPS	1120155.368	2413549.744	434.150
2429JGPS	1115972.890	2410231.861	434.065
2429KGPS	1115763.745	2411823.723	455.586

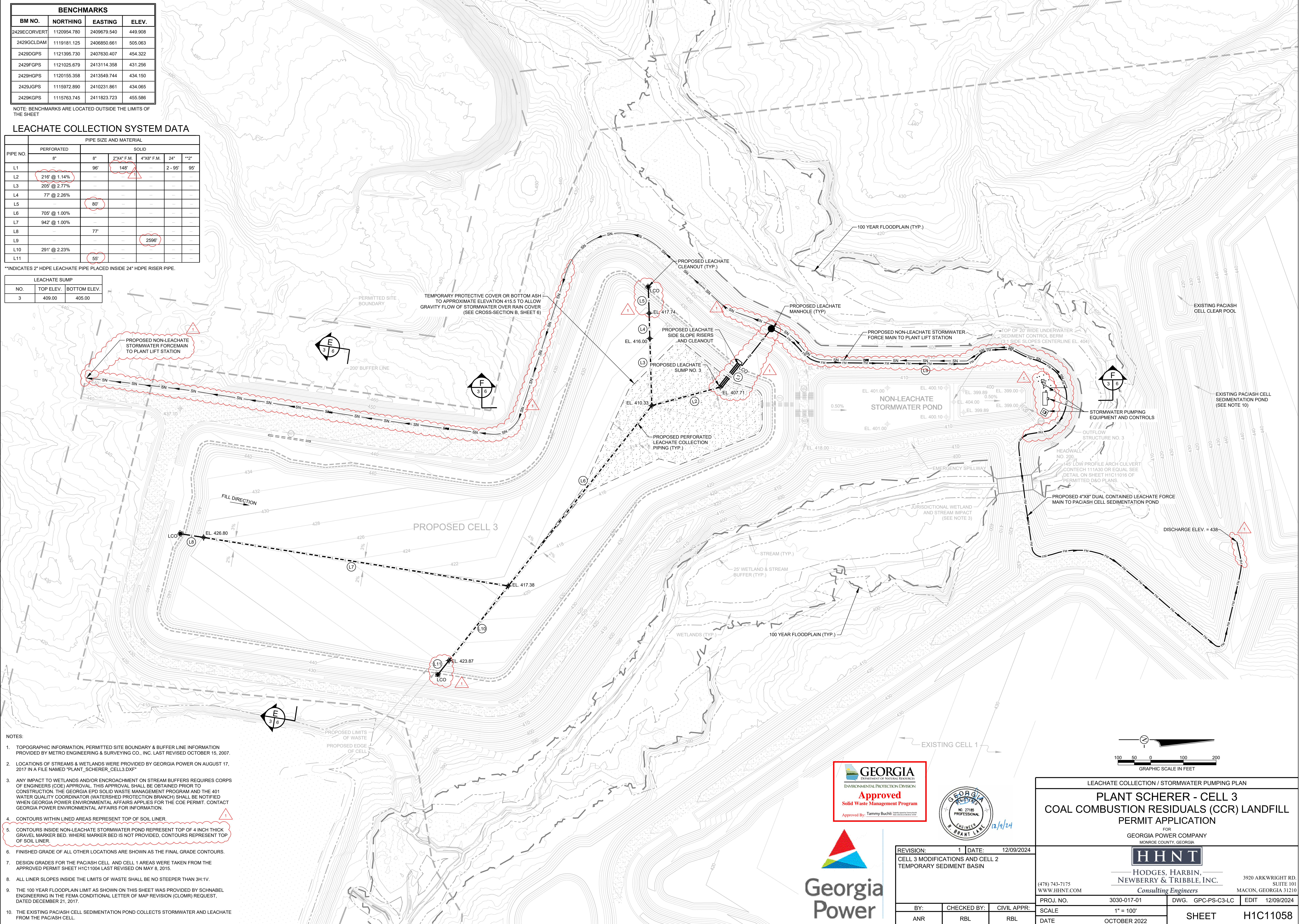
NOTE: BENCHMARKS ARE LOCATED OUTSIDE THE LIMITS OF THE SHEET

LEACHATE COLLECTION SYSTEM DATA

PIPE NO.	PIPE SIZE AND MATERIAL					
	PERFORATED	8"		SOLID		
		8"	2"X4" F.M.	4"X8" F.M.	24"	**2"
L1					2'-95'	95'
L2	216' @ 1.14%	96'	148'			
L3	205' @ 2.77%					
L4	77' @ 2.26%					
L5		80'				
L6	705' @ 1.00%					
L7	942' @ 1.00%					
L8		77'				
L9				2596'		
L10	291' @ 2.23%					
L11		55'				

**INDICATES 2" HDPE LEACHATE PIPE PLACED INSIDE 24" HDPE RISER PIPE.

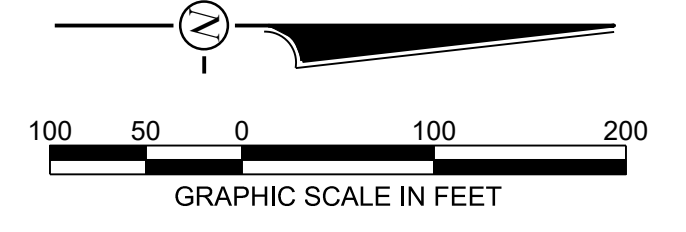
LEACHATE SUMP		
NO.	TOP ELEV.	BOTTOM ELEV.
3	409.00	405.00



- NOTES:
- TOPOGRAPHIC INFORMATION, PERMITTED SITE BOUNDARY & BUFFER LINE INFORMATION PROVIDED BY METRO ENGINEERING & SURVEYING CO., INC. LAST REVISED OCTOBER 15, 2007.
 - LOCATIONS OF STREAMS & WETLANDS WERE PROVIDED BY GEORGIA POWER ON AUGUST 17, 2017 IN A FILE NAMED "PLANT_SCHERER_CELL3.DXF"
 - ANY IMPACT TO WETLANDS AND/OR ENCROACHMENT ON STREAM BUFFERS REQUIRES CORPS OF ENGINEERS (COE) APPROVAL. THIS APPROVAL SHALL BE OBTAINED PRIOR TO CONSTRUCTION. THE GEORGIA EPD SOLID WASTE MANAGEMENT PROGRAM AND THE 401 WATER QUALITY COORDINATOR (WATERSHED PROTECTION BRANCH) SHALL BE NOTIFIED WHEN GEORGIA POWER ENVIRONMENTAL AFFAIRS APPLIES FOR THE COE PERMIT. CONTACT GEORGIA POWER ENVIRONMENTAL AFFAIRS FOR INFORMATION.
 - CONTOURS WITHIN LINED AREAS REPRESENT TOP OF SOIL LINER.
 - CONTOURS INSIDE NON-LEACHATE STORMWATER POND REPRESENT TOP OF 4 INCH THICK GRAVEL MARKER BED. WHERE MARKER BED IS NOT PROVIDED, CONTOURS REPRESENT TOP OF SOIL LINER.
 - FINISHED GRADE OF ALL OTHER LOCATIONS ARE SHOWN AS THE FINAL GRADE CONTOURS.
 - DESIGN GRADES FOR THE PAC/ASH CELL AND CELL 1 AREAS WERE TAKEN FROM THE APPROVED PERMIT SHEET H1C11004 LAST REVISED ON MAY 8, 2015.
 - ALL LINER SLOPES INSIDE THE LIMITS OF WASTE SHALL BE NO STEEPER THAN 3H:1V.
 - THE 100 YEAR FLOODPLAIN LIMIT AS SHOWN ON THIS SHEET WAS PROVIDED BY SCHNABEL ENGINEERING IN THE FEMA CONDITIONAL LETTER OF MAP REVISION (CLOMR) REQUEST, DATED DECEMBER 21, 2017.
 - THE EXISTING PAC/ASH CELL SEDIMENTATION POND COLLECTS STORMWATER AND LEACHATE FROM THE PAC/ASH CELL.



REVISION:	1	DATE:	12/09/2024
CELL 3 MODIFICATIONS AND CELL 2 TEMPORARY SEDIMENT BASIN			
BY:	CHECKED BY:	CIVIL APPR:	
ANR	RBL	RBL	



LEACHATE COLLECTION / STORMWATER PUMPING PLAN

PLANT SCHERER - CELL 3
COAL COMBUSTION RESIDUALS (CCR) LANDFILL
PERMIT APPLICATION

FOR
 GEORGIA POWER COMPANY
 MONROE COUNTY, GEORGIA

HHNT
 HODGES, HARBIN,
 NEWBERRY & TRIBBLE, INC.
 Consulting Engineers

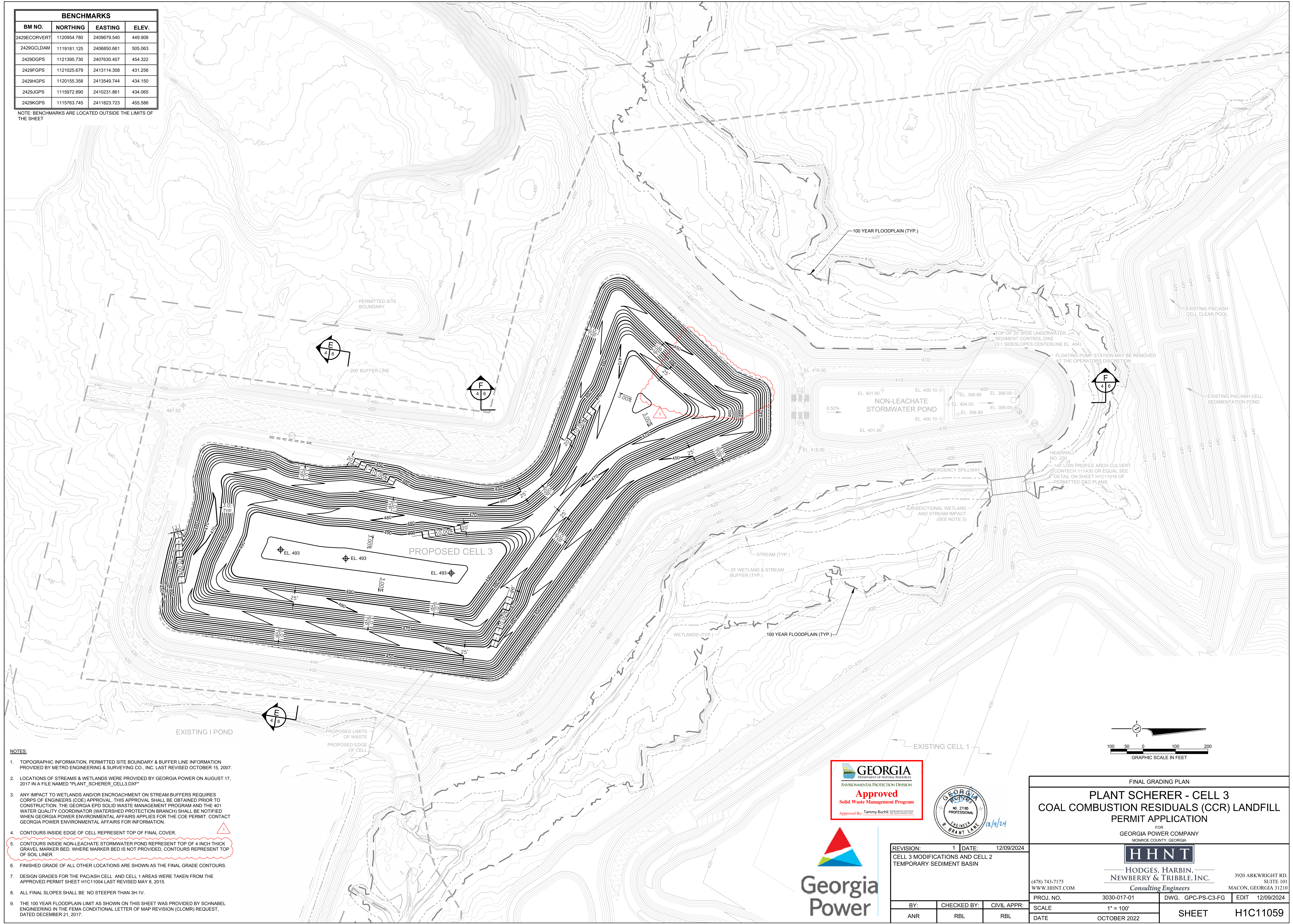
3920 ARKWRIGHT RD. SUITE 101
 MACON, GEORGIA 31210

PROJ. NO.	3030-017-01	DWG.	GPC-PS-C3-LC	EDIT	12/09/2024
SCALE	1" = 100'				
DATE	OCTOBER 2022				

SHEET H1C11058

BENCHMARKS			
BM NO.	NORTHING	EASTING	ELEV.
2429ECORVERT	1120954.780	2409679.540	449.908
2429GCLDAM	1119181.125	2406850.661	505.053
2429DGPS	1121395.730	2407630.407	454.322
2429FGPS	1121025.679	2413114.358	431.256
2429HGPS	1120155.358	2413549.744	434.150
2429JGPS	1115972.890	2410231.861	434.065
2429KGPS	1115763.745	2411823.723	455.986

NOTE: BENCHMARKS ARE LOCATED OUTSIDE THE LIMITS OF THE SHEET



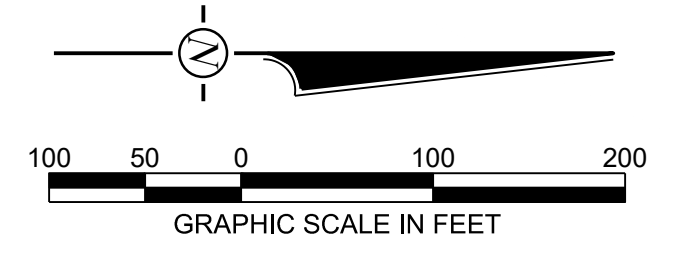
NOTES:

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- ANY IMPACT TO WETLANDS AND/OR ENCROACHMENT ON STREAM BUFFERS REQUIRES CORPS OF ENGINEERS (COE) APPROVAL. THIS APPROVAL SHALL BE OBTAINED PRIOR TO CONSTRUCTION. THE GEORGIA EPD SOLID WASTE MANAGEMENT PROGRAM AND THE 401 WATER QUALITY COORDINATOR (WATERSHED PROTECTION BRANCH) SHALL BE NOTIFIED WHEN GEORGIA POWER ENVIRONMENTAL AFFAIRS APPLIES FOR THE COE PERMIT. CONTACT GEORGIA POWER ENVIRONMENTAL AFFAIRS FOR INFORMATION.
- CONTOURS INSIDE EDGE OF CELL REPRESENT TOP OF FINAL COVER.
- CONTOURS INSIDE NON-LEACHATE STORMWATER POND REPRESENT TOP OF 4 INCH THICK GRAVEL MARKER BED. WHERE MARKER BED IS NOT PROVIDED, CONTOURS REPRESENT TOP OF SOIL LINER.
- FINISHED GRADE OF ALL OTHER LOCATIONS ARE SHOWN AS THE FINAL GRADE CONTOURS.
- DESIGN GRADES FOR THE PACASH CELL AND CELL 1 AREAS WERE TAKEN FROM THE APPROVED PERMIT SHEET H1C11004 LAST REVISED MAY 6, 2015.
- ALL FINAL SLOPES SHALL BE NO STEEPER THAN 3H:1V.
- THE 100 YEAR FLOODPLAIN LIMIT AS SHOWN ON THIS SHEET WAS PROVIDED BY SCHNABEL ENGINEERING IN THE FEMA CONDITIONAL LETTER OF MAP REVISION (CLOMR) REQUEST, DATED DECEMBER 21, 2017.



REVISION:	1	DATE:	12/09/2024
CELL 3 MODIFICATIONS AND CELL 2 TEMPORARY SEDIMENT BASIN			
BY:	CHECKED BY:	CIVIL APPR:	
ANR	RBL	RBL	

FINAL GRADING PLAN			
PLANT SCHERER - CELL 3			
COAL COMBUSTION RESIDUALS (CCR) LANDFILL			
PERMIT APPLICATION			
FOR			
GEORGIA POWER COMPANY			
MONROE COUNTY, GEORGIA			
HHNT			
HODGES, HARBIN, NEWBERRY & TRIBBLE, INC.			
3920 ARKWRIGHT RD. SUITE 101			
MACON, GEORGIA 31210			
Consulting Engineers			
PROJ. NO.	3030-017-01	DWG.	GPC-PS-C3-FG
SCALE	1" = 100'	EDIT	12/09/2024
DATE	OCTOBER 2022	SHEET H1C11059	



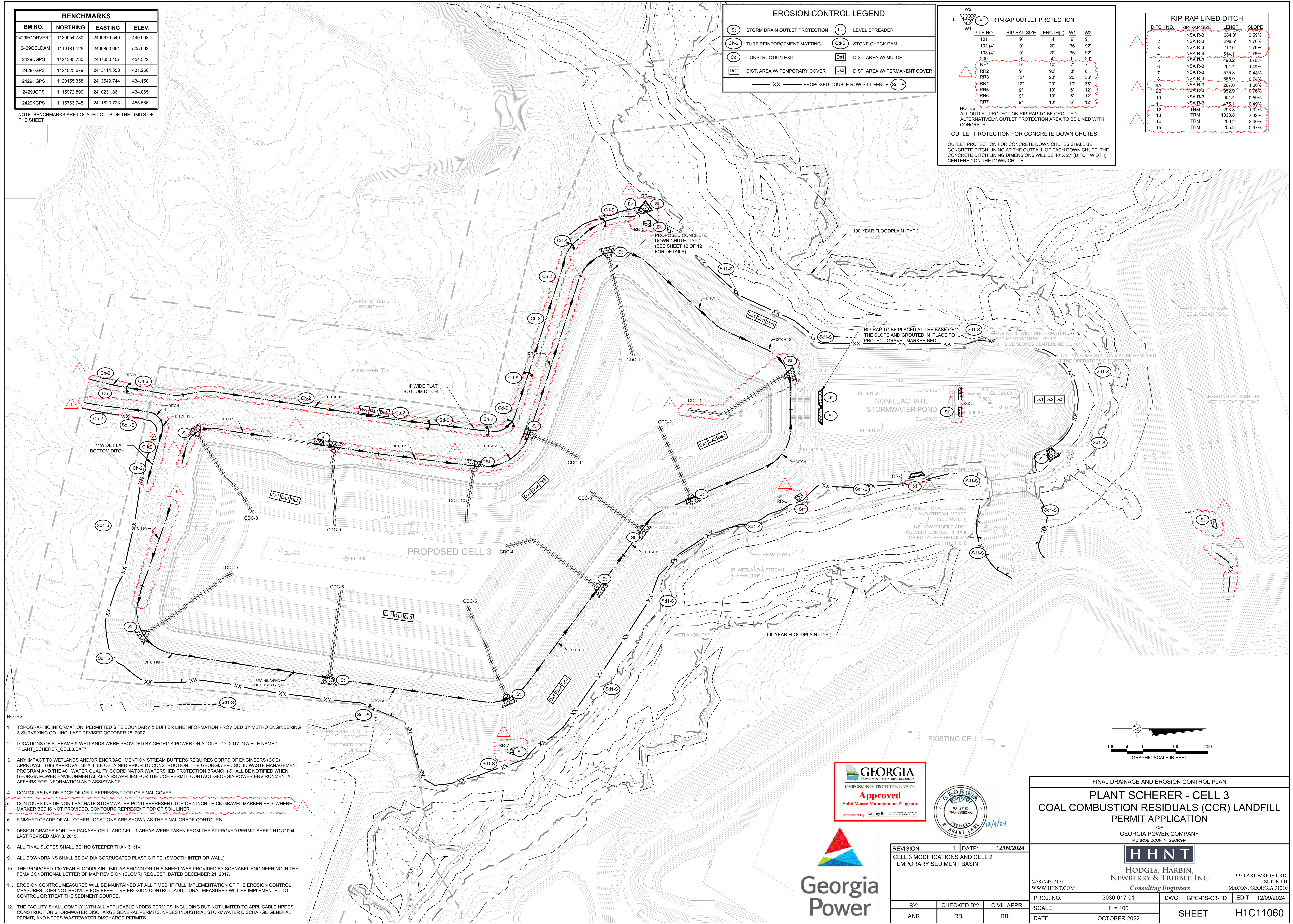
BENCHMARKS			
BM NO.	NORTHING	EASTING	ELEV.
2429ECORVERT	1120954.780	2409679.540	449.908
2429GCLDAM	1119181.125	2406850.661	505.063
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2429JGPS	1115972.890	2410231.861	434.065
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NOTE: BENCHMARKS ARE LOCATED OUTSIDE THE LIMITS OF THE SHEET

EROSION CONTROL LEGEND			
(St)	STORM DRAIN OUTLET PROTECTION	(Lv)	LEVEL SPREADER
(Ch-2)	TURF REINFORCEMENT MATTING	(Cd-S)	STONE CHECK DAM
(Co)	CONSTRUCTION EXIT	(Ds1)	DIST. AREA W/ MULCH
(Ds2)	DIST. AREA W/ TEMPORARY COVER	(Ds3)	DIST. AREA W/ PERMANENT COVER
XX — PROPOSED DOUBLE ROW SILT FENCE (Sd1-S)			

RIP-RAP LINED DITCH					
DITCH NO.	RIP-RAP SIZE	LENGTH	SLOPE		
1	NSA R-3	684.0'	0.59%		
2	NSA R-3	298.5'	1.76%		
3	NSA R-3	212.6'	1.76%		
4	NSA R-4	514.1'	1.76%		
5	NSA R-3	498.2'	0.76%		
6	NSA R-3	264.4'	0.49%		
7	NSA R-3	575.3'	0.49%		
8	NSA R-3	685.9'	0.74%		
9A	NSA R-3	267.0'	4.00%		
9B	NSA R-3	922.9'	0.76%		
10	NSA R-3	304.4'	0.59%		
11	NSA R-3	475.1'	0.49%		
12	TRM	293.3'	1.02%		
13	TRM	1633.8'	2.02%		
14	TRM	250.2'	2.40%		
15	TRM	205.3'	0.97%		

NOTES:
 ALL OUTLET PROTECTION RIP-RAP TO BE GROUDED.
 ALTERNATIVELY, OUTLET PROTECTION AREA TO BE LINED WITH CONCRETE.
OUTLET PROTECTION FOR CONCRETE DOWN CHUTES
 OUTLET PROTECTION FOR CONCRETE DOWN CHUTES SHALL BE CONCRETE DITCH LINING AT THE OUTFALL OF EACH DOWN CHUTE. THE CONCRETE DITCH LINING DIMENSIONS WILL BE 40' X 27' (DITCH WIDTH) CENTERED ON THE DOWN CHUTE.



- NOTES:
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 - CONTOURS INSIDE EDGE OF CELL REPRESENT TOP OF FINAL COVER.
 - CONTOURS INSIDE NON-LEACHATE STORMWATER POND REPRESENT TOP OF 4 INCH THICK GRAVEL MARKER BED. WHERE MARKER BED IS NOT PROVIDED, CONTOURS REPRESENT TOP OF SOIL LINER.
 - FINISHED GRADE OF ALL OTHER LOCATIONS ARE SHOWN AS THE FINAL GRADE CONTOURS.
 - DESIGN GRADES FOR THE PACIASH CELL AND CELL 1 AREAS WERE TAKEN FROM THE APPROVED PERMIT SHEET H1C11004 LAST REVISED MAY 8, 2015.
 - ALL FINAL SLOPES SHALL BE NO STEEPER THAN 3H:1V.
 - ALL DOWNDRAINS SHALL BE 24" DIA CORRUGATED PLASTIC PIPE. (SMOOTH INTERIOR WALL)
 - THE PROPOSED 100 YEAR FLOODPLAIN LIMIT AS SHOWN ON THIS SHEET WAS PROVIDED BY SCHNABEL ENGINEERING IN THE FEMA CONDITIONAL LETTER OF MAP REVISION (CLOMR) REQUEST, DATED DECEMBER 21, 2017.
 - EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE EROSION CONTROL MEASURES DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL MEASURES WILL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 - THE FACILITY SHALL COMPLY WITH ALL APPLICABLE NPDES PERMITS, INCLUDING BUT NOT LIMITED TO APPLICABLE NPDES CONSTRUCTION STORMWATER DISCHARGE GENERAL PERMITS, NPDES INDUSTRIAL STORMWATER DISCHARGE GENERAL PERMIT, AND NPDES WASTEWATER DISCHARGE PERMITS.



REVISION:	1	DATE:	12/09/2024
CELL 3 MODIFICATIONS AND CELL 2 TEMPORARY SEDIMENT BASIN			
BY:	CHECKED BY:	CIVIL APPR:	
ANR	RBL	RBL	

FINAL DRAINAGE AND EROSION CONTROL PLAN

PLANT SCHERER - CELL 3
COAL COMBUSTION RESIDUALS (CCR) LANDFILL
PERMIT APPLICATION

FOR
 GEORGIA POWER COMPANY
 MONROE COUNTY, GEORGIA

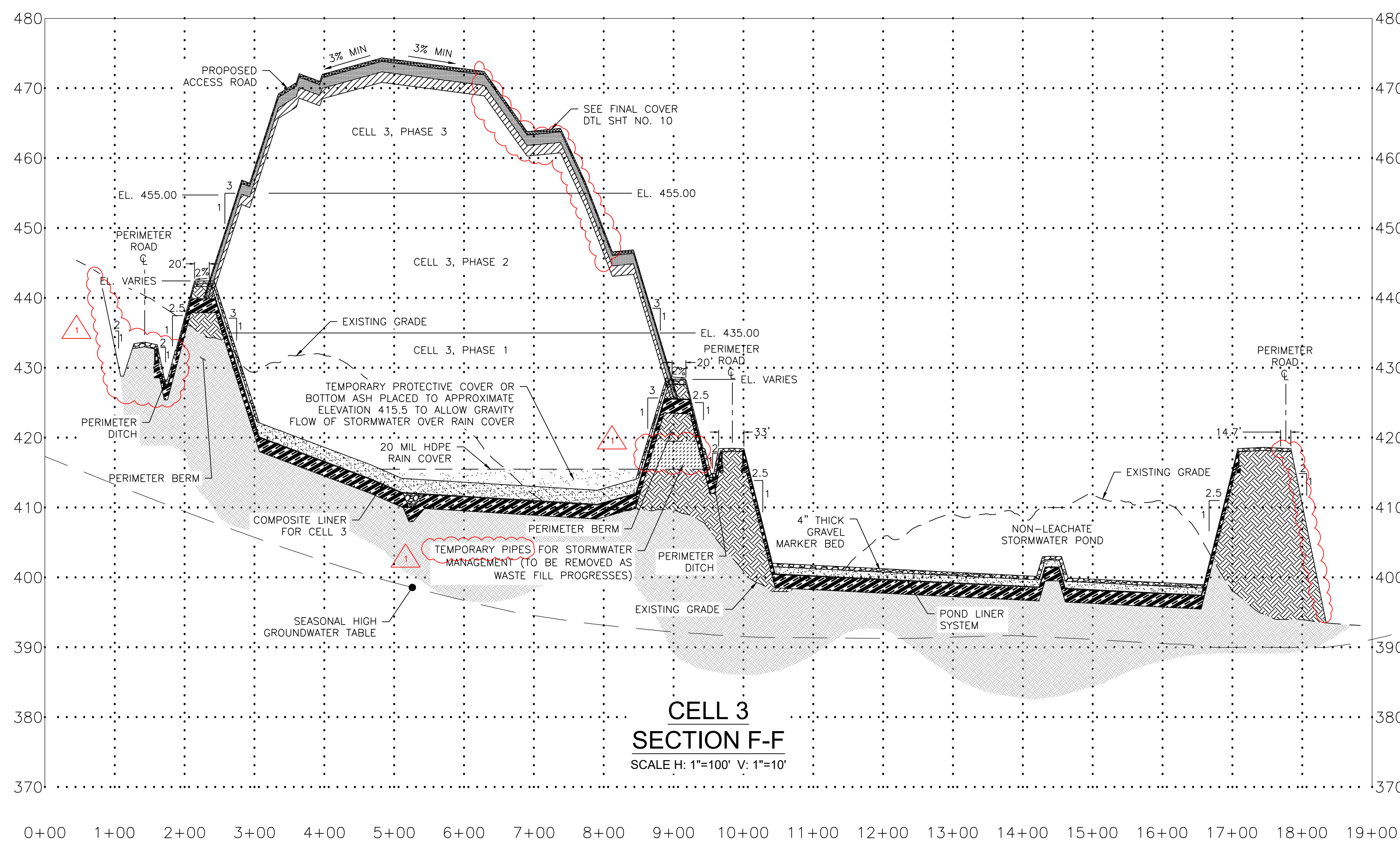
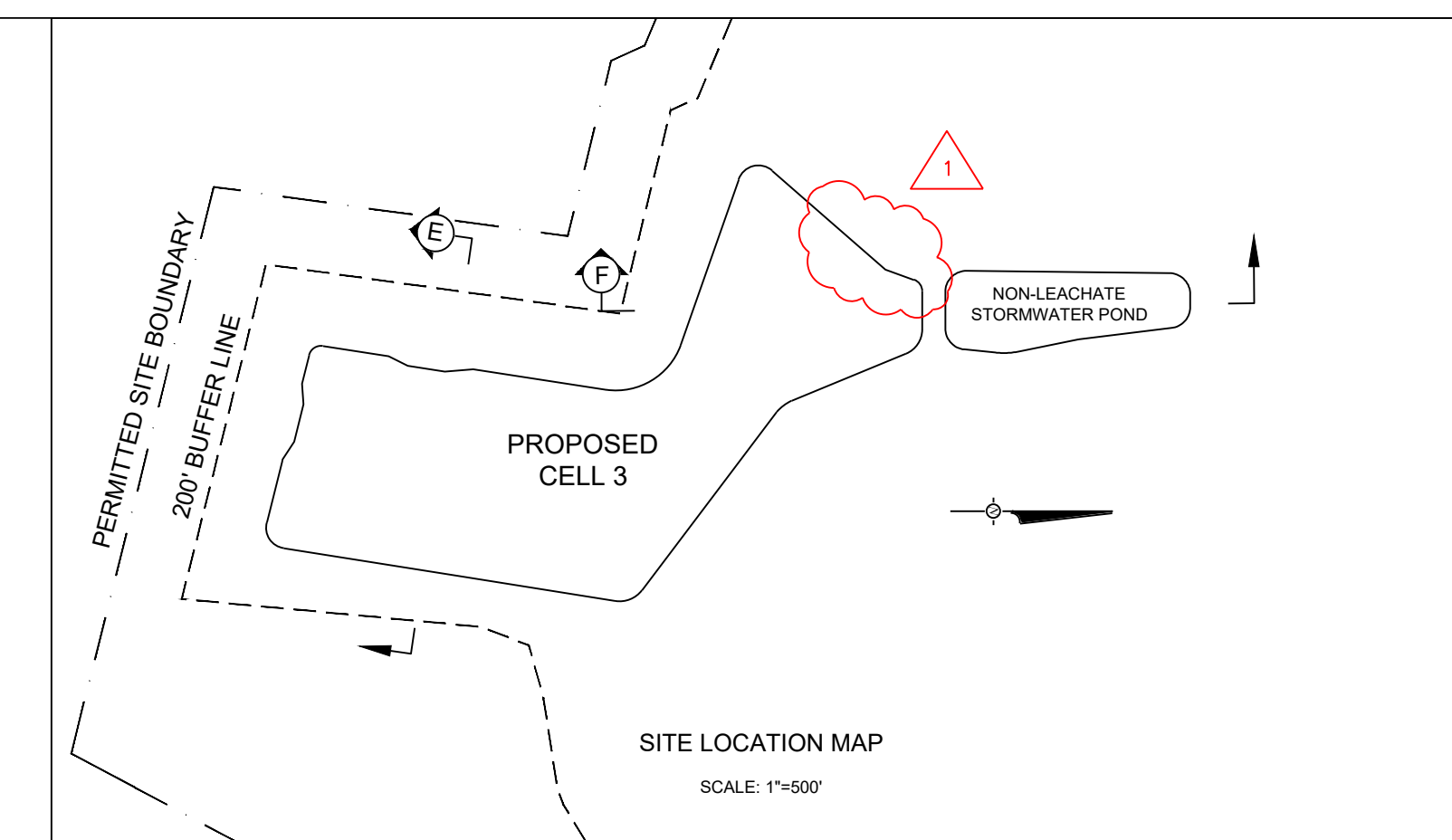
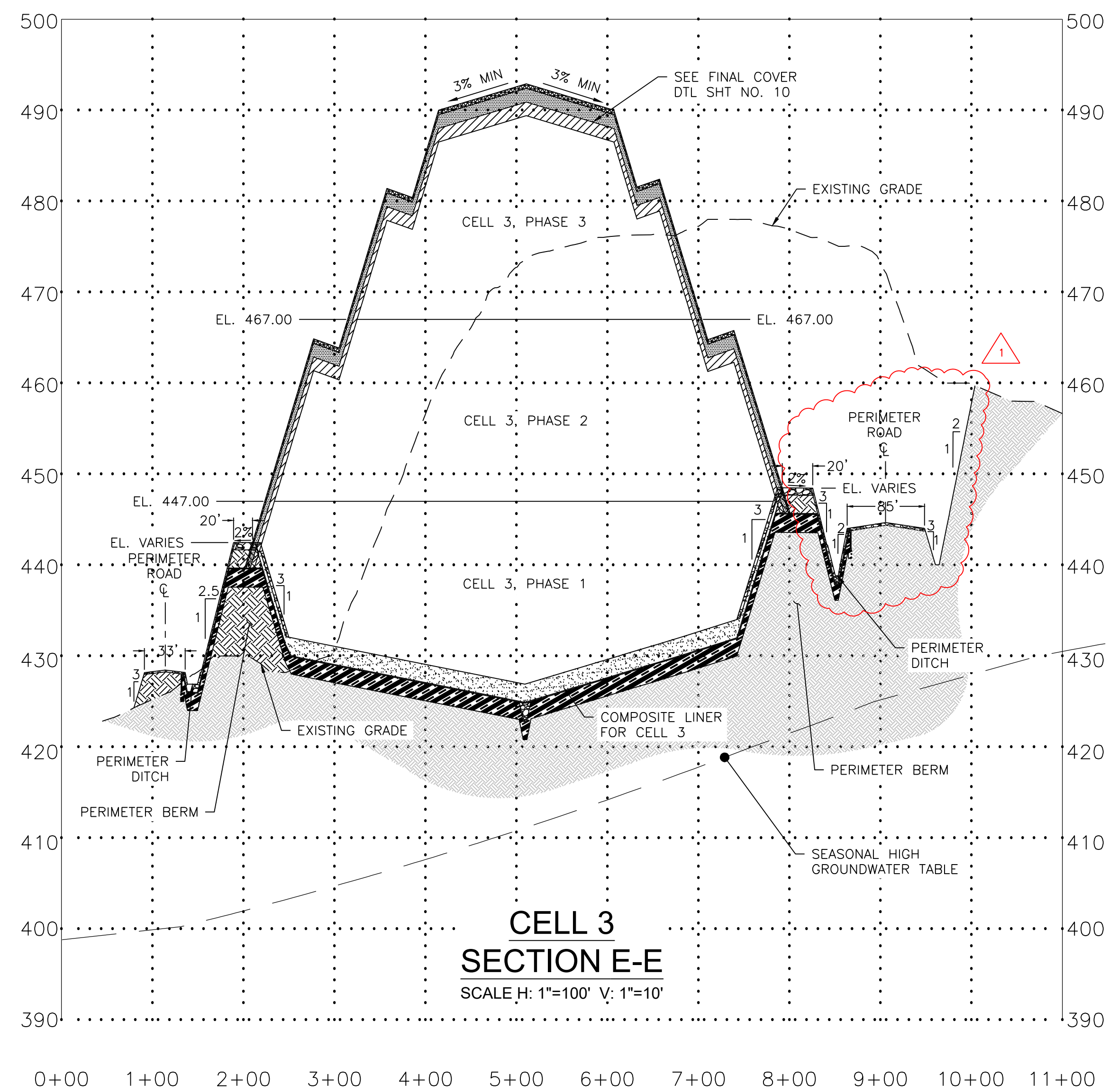
HHNT
 HODGES, HARBIN,
 NEWBERRY & TRIBBLE, INC.
 Consulting Engineers

3920 ARKWRIGHT RD. SUITE 101
 MACON, GEORGIA 31210

(478) 743-7175
 WWW.HHNT.COM

PROJ. NO.	3030-017-01	DWG.	GPC-PS-C3-FD	EDIT	12/09/2024
SCALE	1" = 100'				
DATE	OCTOBER 2022				

SHEET H1C11060

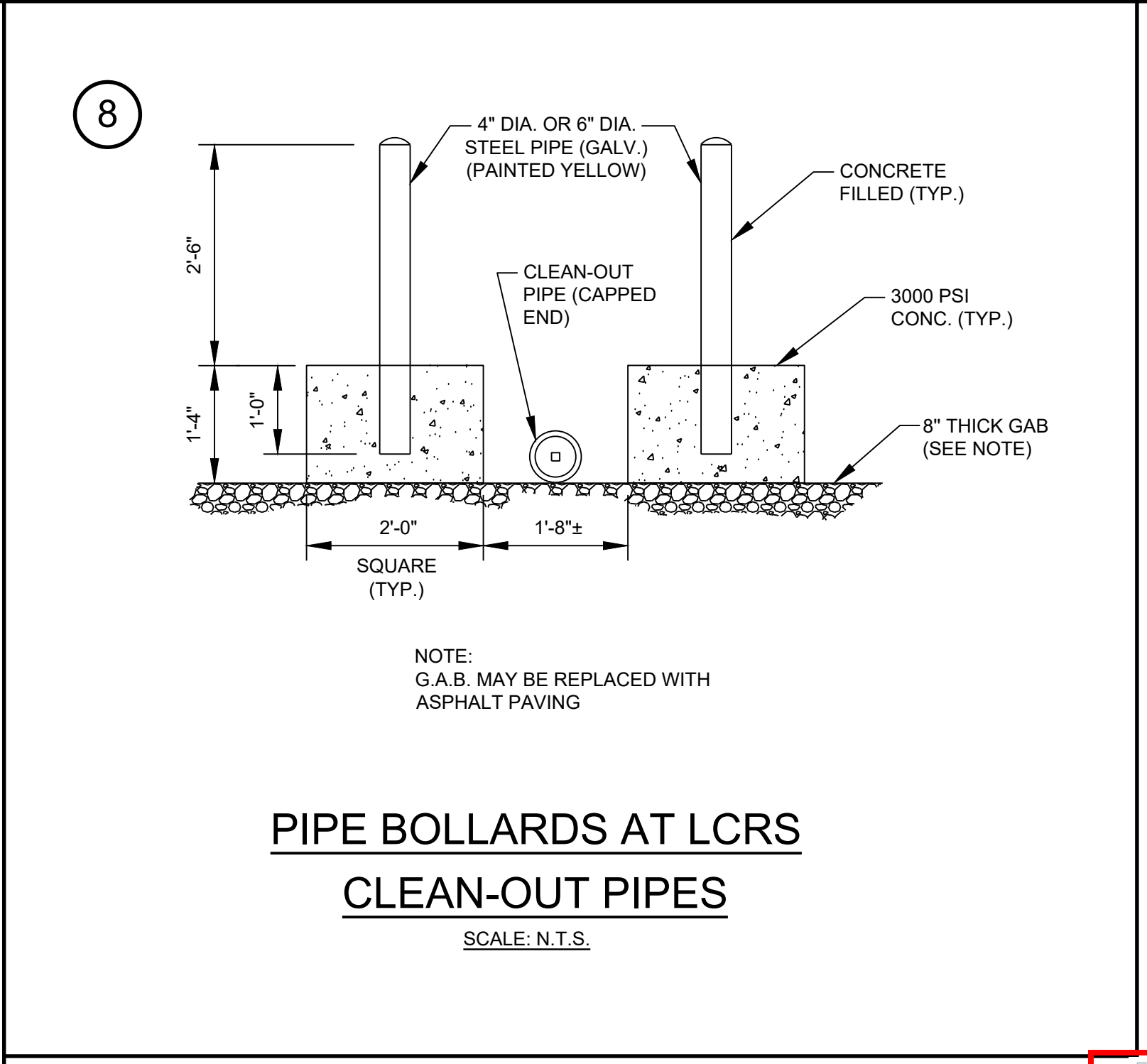
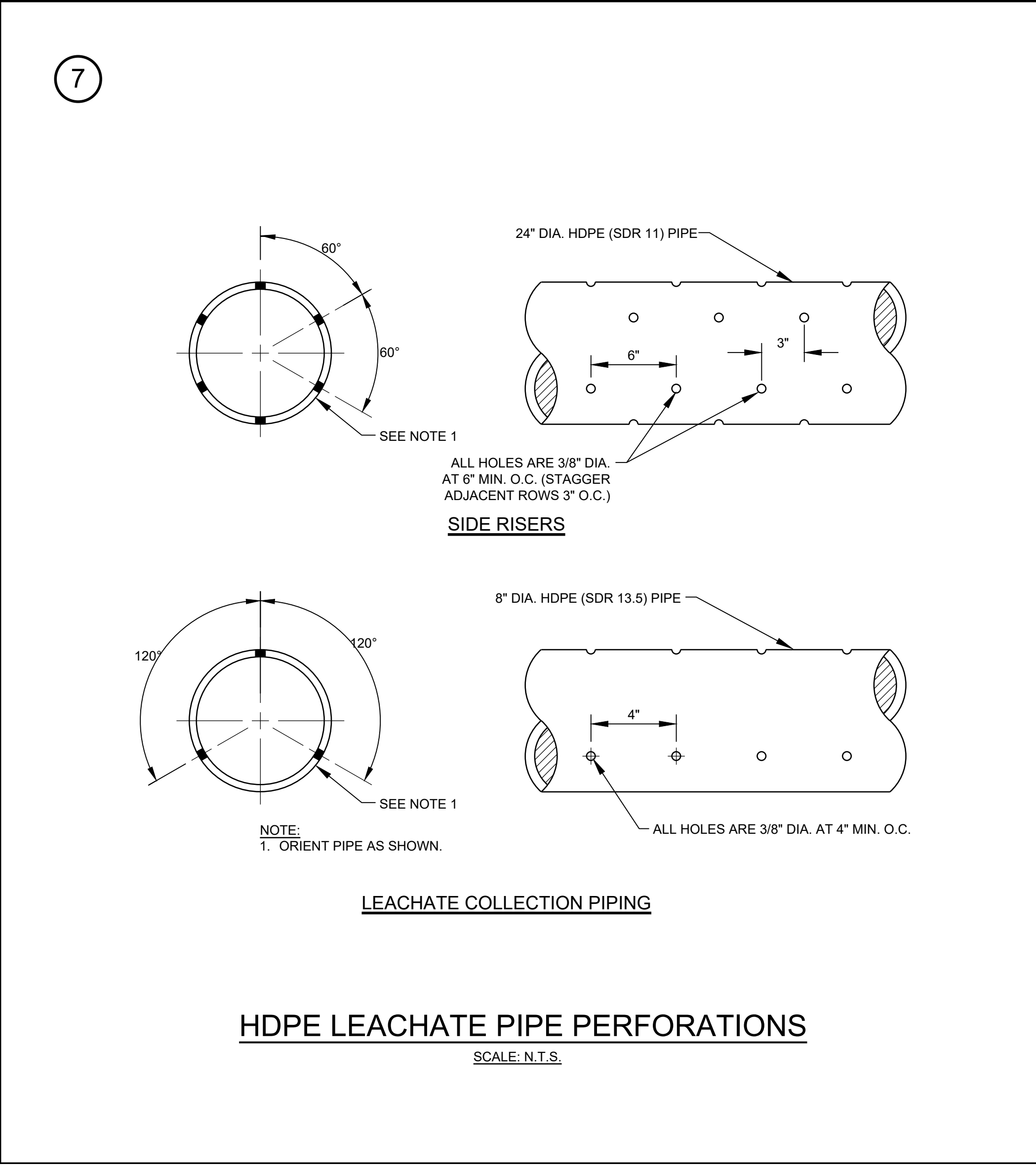
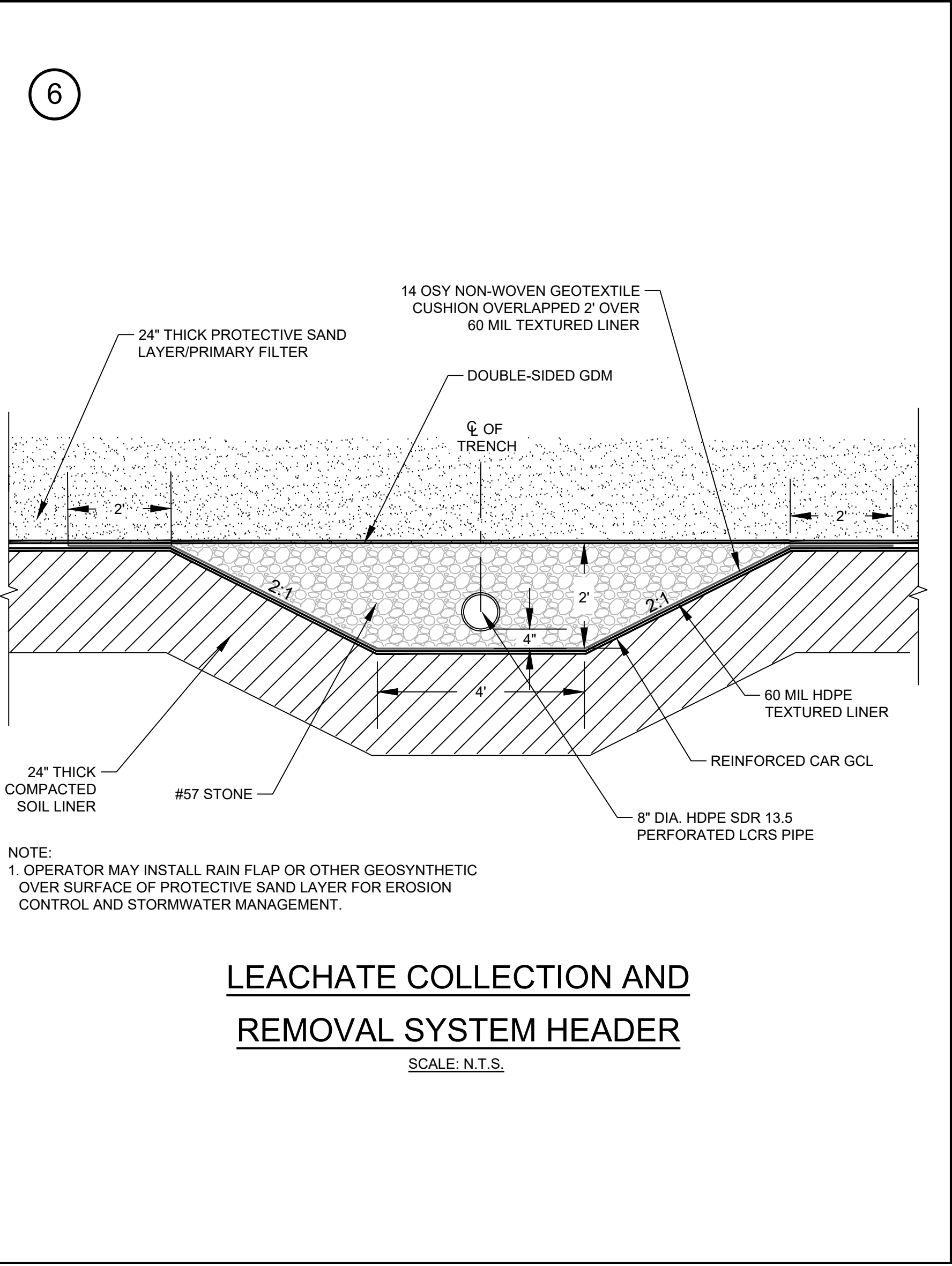
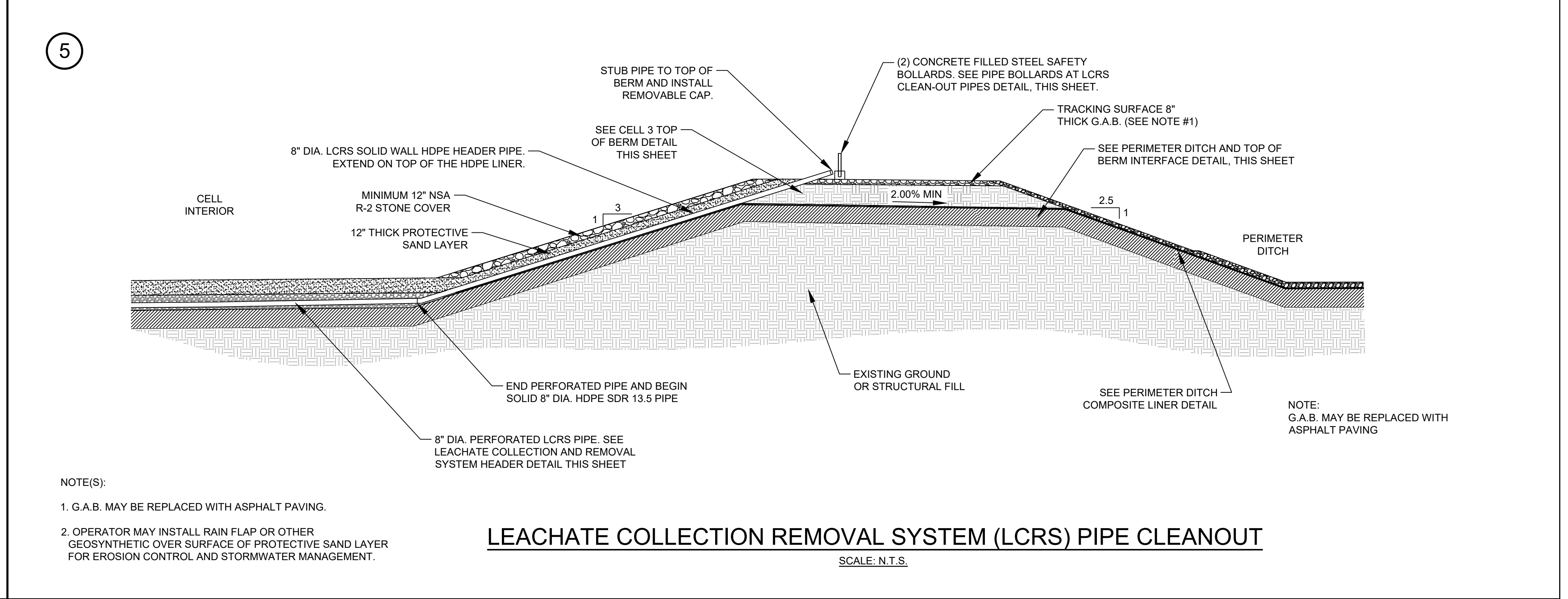
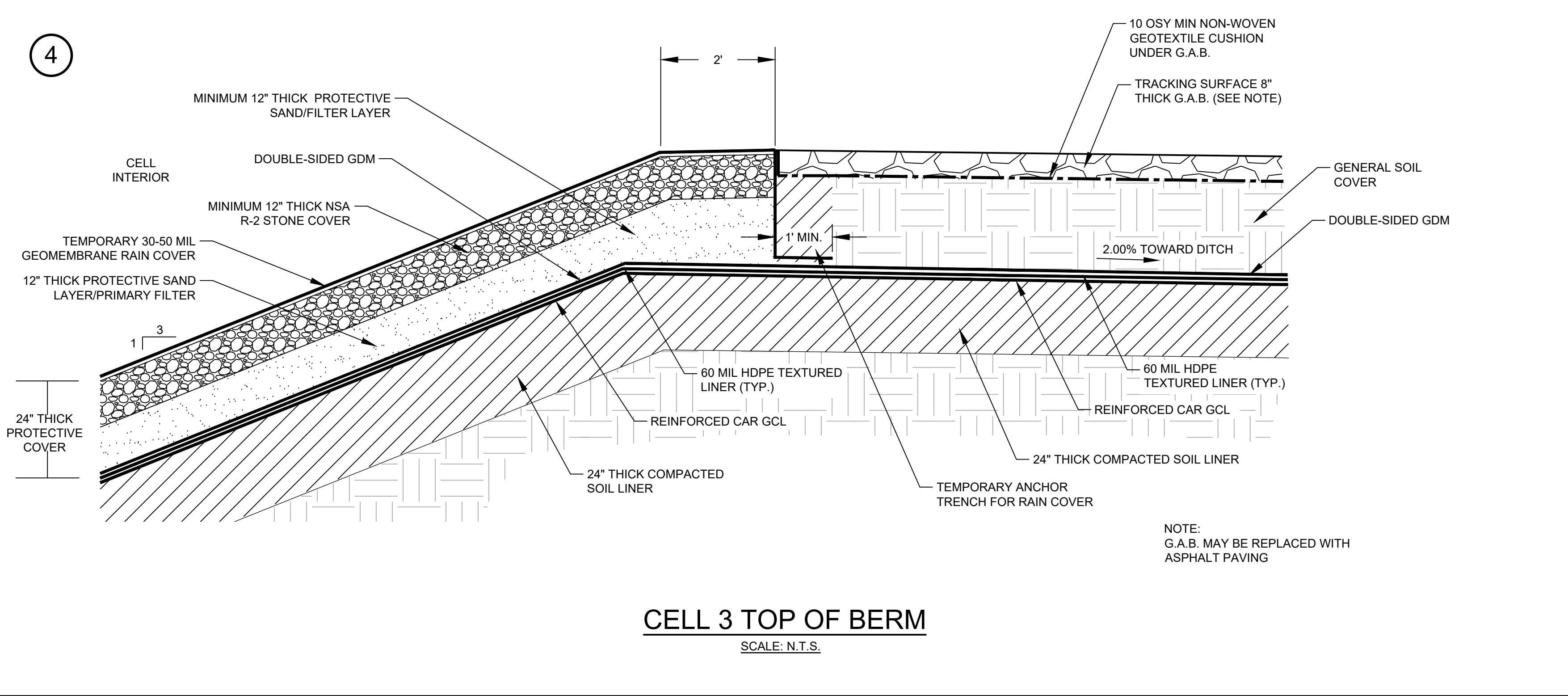
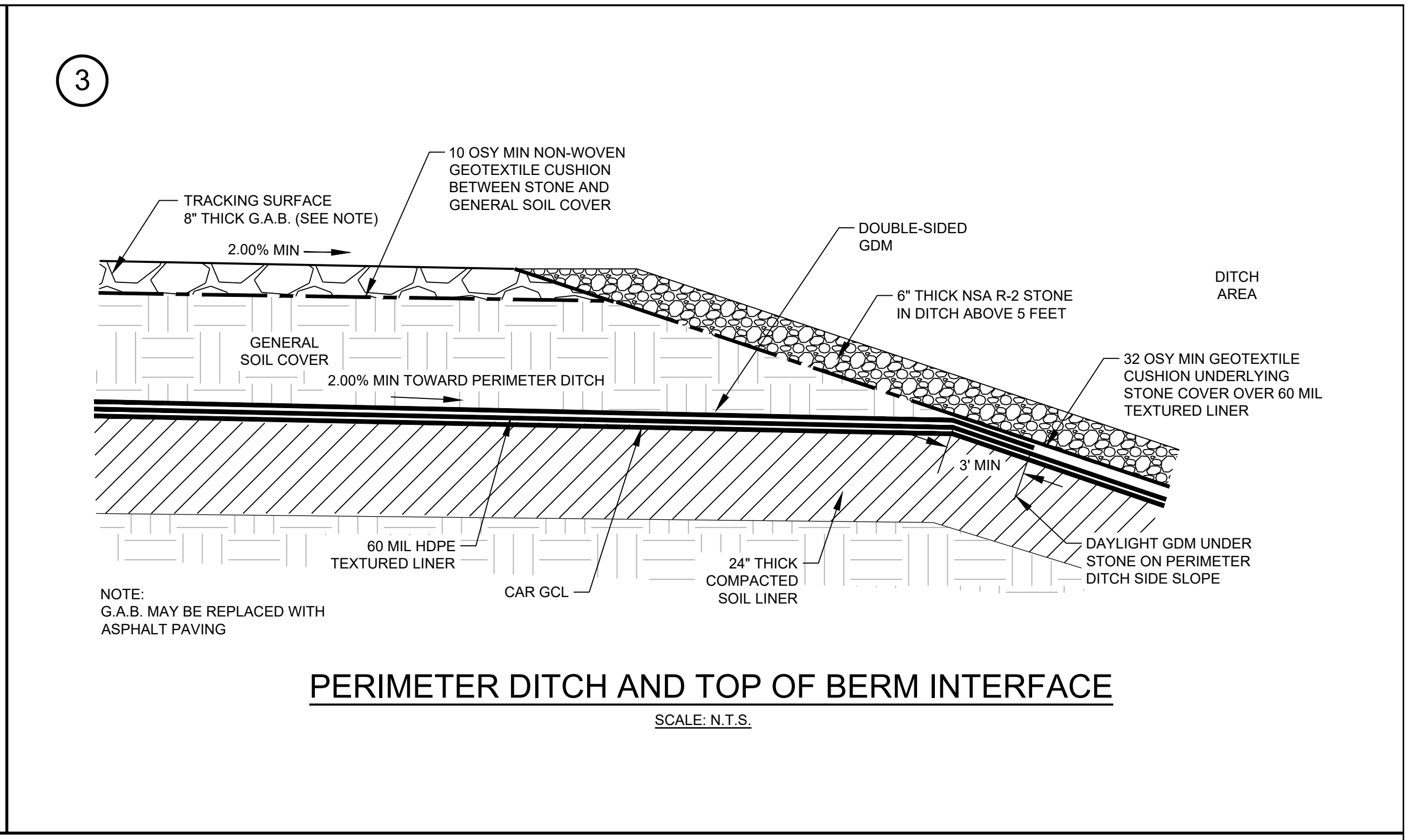
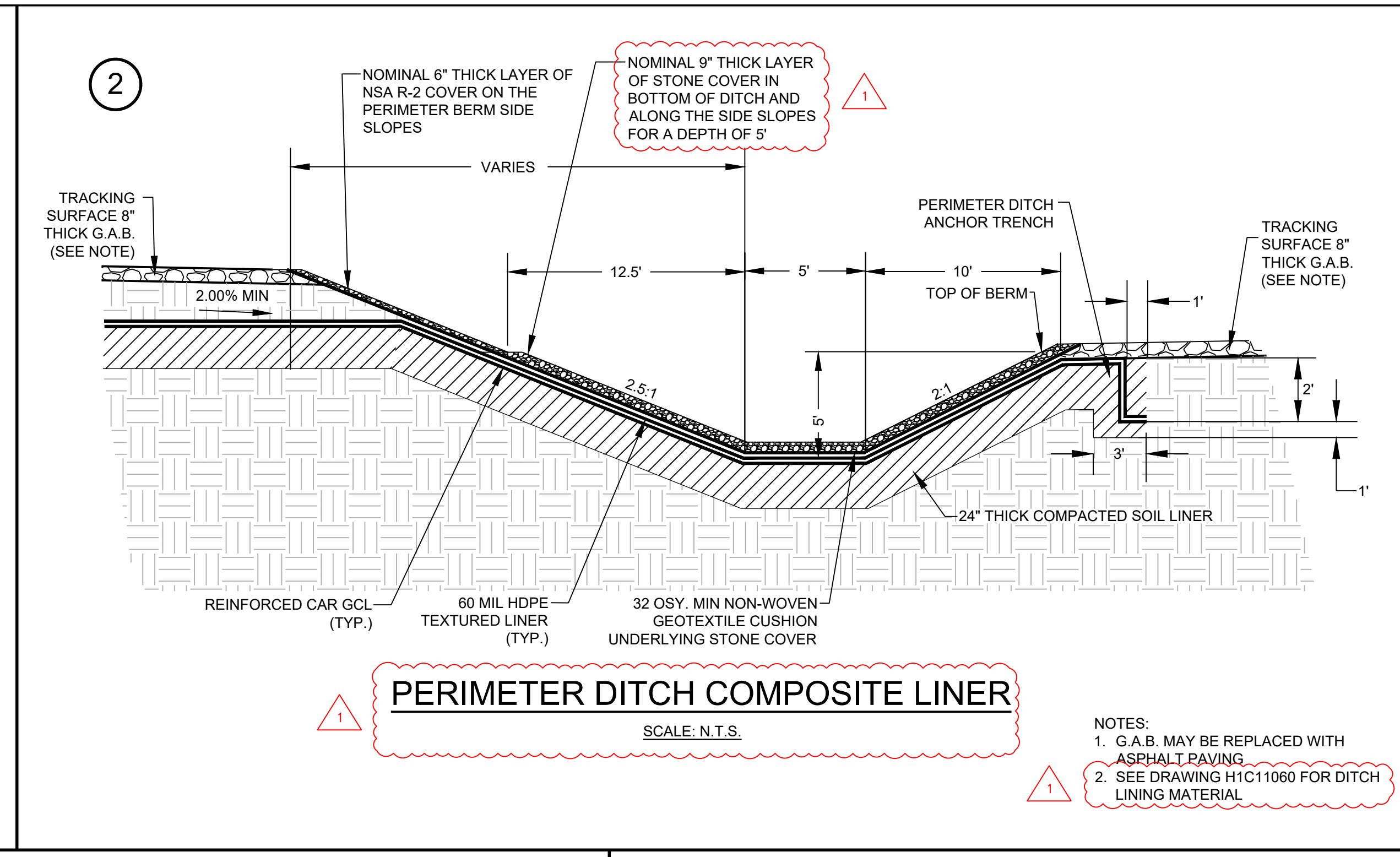
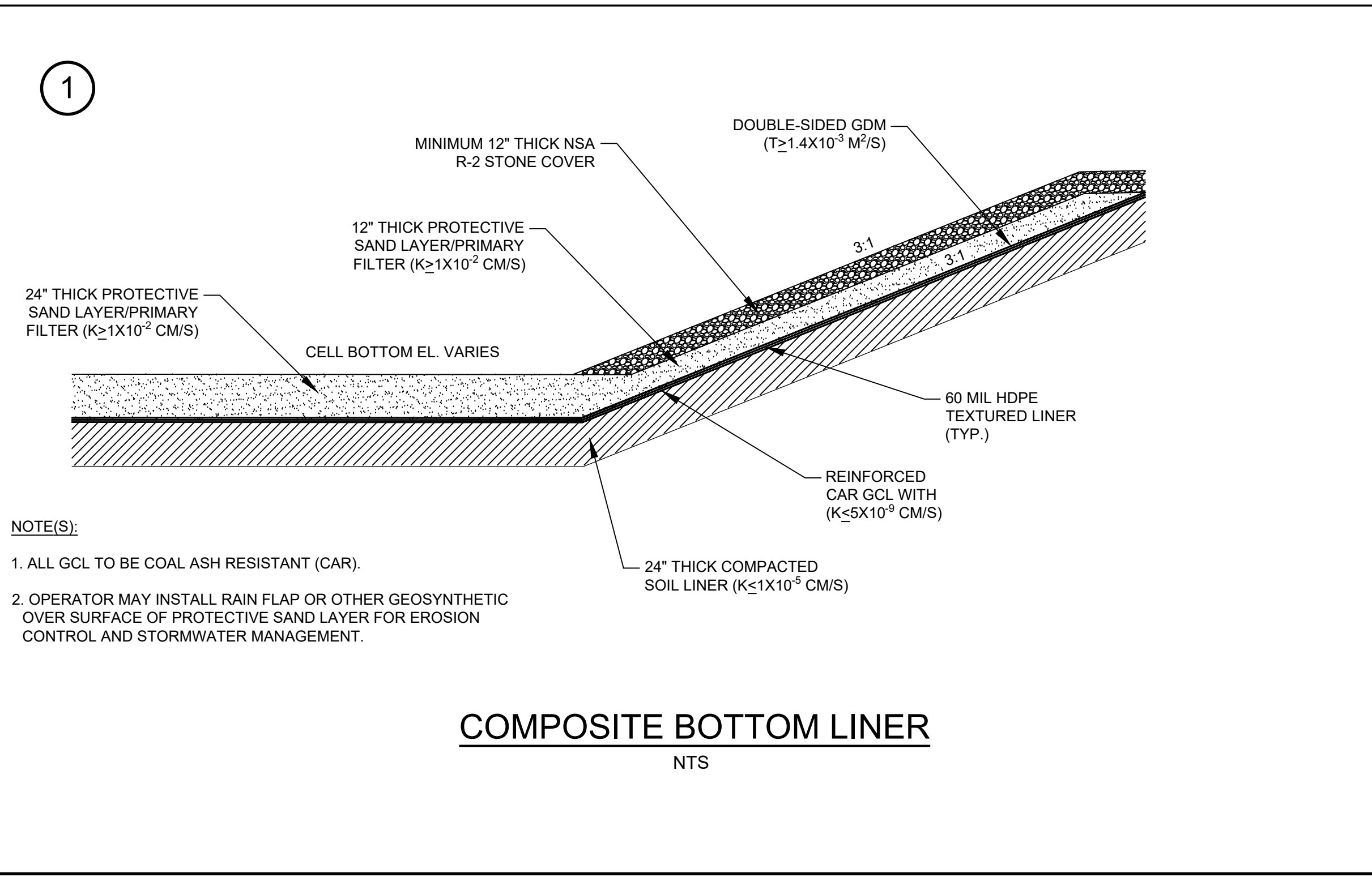


- NOTES:
- TOPOGRAPHIC INFORMATION, PERMITTED SITE BOUNDARY & BUFFER LINE INFORMATION PROVIDED BY METRO ENGINEERING & SURVEYING CO., INC. LAST REVISED OCTOBER 15, 2007.
 - SEASONAL HIGH GROUNDWATER CONTOURS OBTAINED FROM D&O SHEET NO. H1C11028 APPROVED BY EPD ON MAY 3, 2011.



CROSS SECTIONS E AND F			
PLANT SCHERER - CELL 3			
COAL COMBUSTION RESIDUALS (CCR) LANDFILL			
PERMIT APPLICATION			
FOR			
GEORGIA POWER COMPANY			
MONROE COUNTY, GEORGIA			
HHNT			
HODGES, HARBIN, NEWBERRY & TRIBBLE, INC.			
Consulting Engineers			
3920 ARKWRIGHT RD. SUITE 101 MACON, GEORGIA 31210			
PROJ. NO.	3030-017-01	DWG. GPC-PS-C3-XSEC	EDIT 12/09/2024
SCALE	AS SHOWN	SHEET H1C11061	
DATE	OCTOBER 2022		

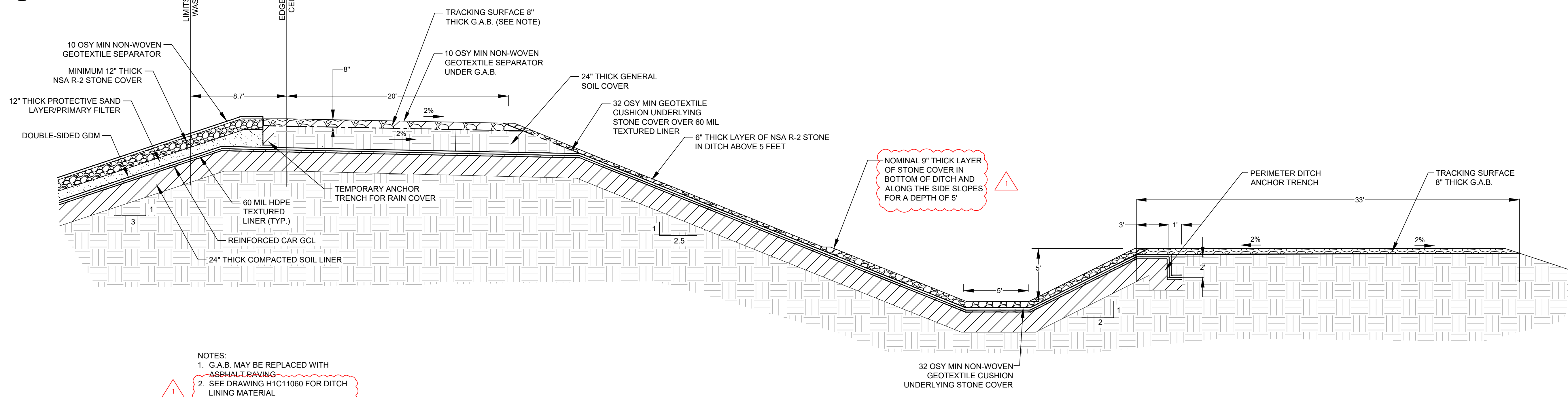
REVISION:	1	DATE:	12/09/2024
CELL 3 MODIFICATIONS AND CELL 2 TEMPORARY SEDIMENT BASIN			
BY:	CHECKED BY:	CIVIL APPR:	
ANR	RBL	RBL	



MISCELLANEOUS DETAILS			
PLANT SCHERER - CELL 3			
COAL COMBUSTION RESIDUALS (CCR) LANDFILL			
PERMIT APPLICATION			
FOR GEORGIA POWER COMPANY MONROE COUNTY, GEORGIA			
HHNT			
HODGES, HARBIN, NEWBERRY & TRIBBLE, INC.			
Consulting Engineers			
(478) 743-7175 WWW.HHNT.COM		3920 ARKWRIGHT RD. SUITE 101 MACON, GEORGIA 31210	
PROJ. NO.	3030-017-01	DWG.	GPC-PS-C3-D1
SCALE	N.T.S.	EDIT	12/09/2024
DATE	OCTOBER 2022	SHEET H1C11062	

REVISION:	1	DATE:	12/09/2024
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BY:	CHECKED BY:	CIVIL APPR:	
ANR	RBL	RBL	

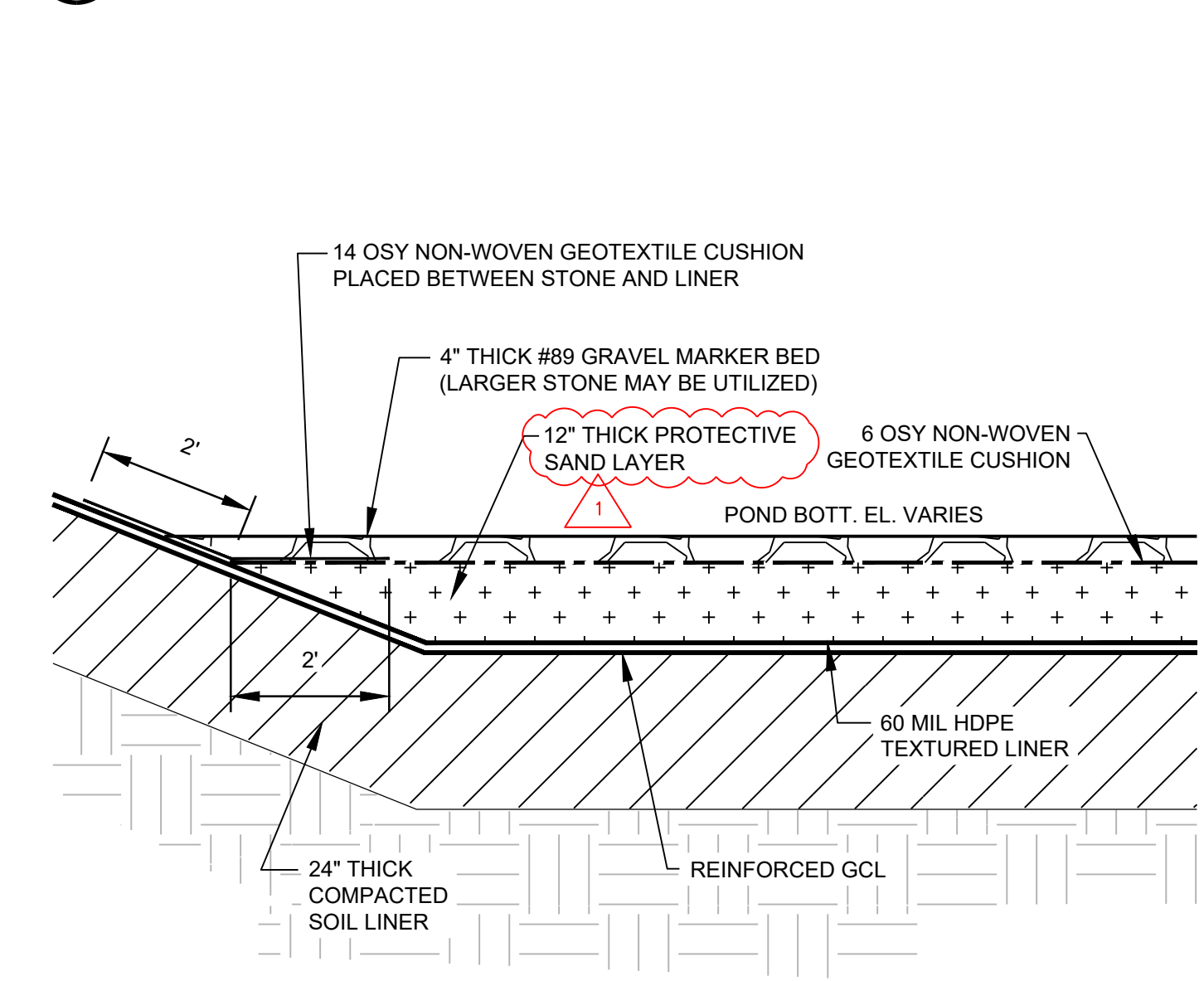
15



NOTES:
 1. G.A.B. MAY BE REPLACED WITH ASPHALT PAVING.
 2. SEE DRAWING H1C11060 FOR DITCH LINING MATERIAL.

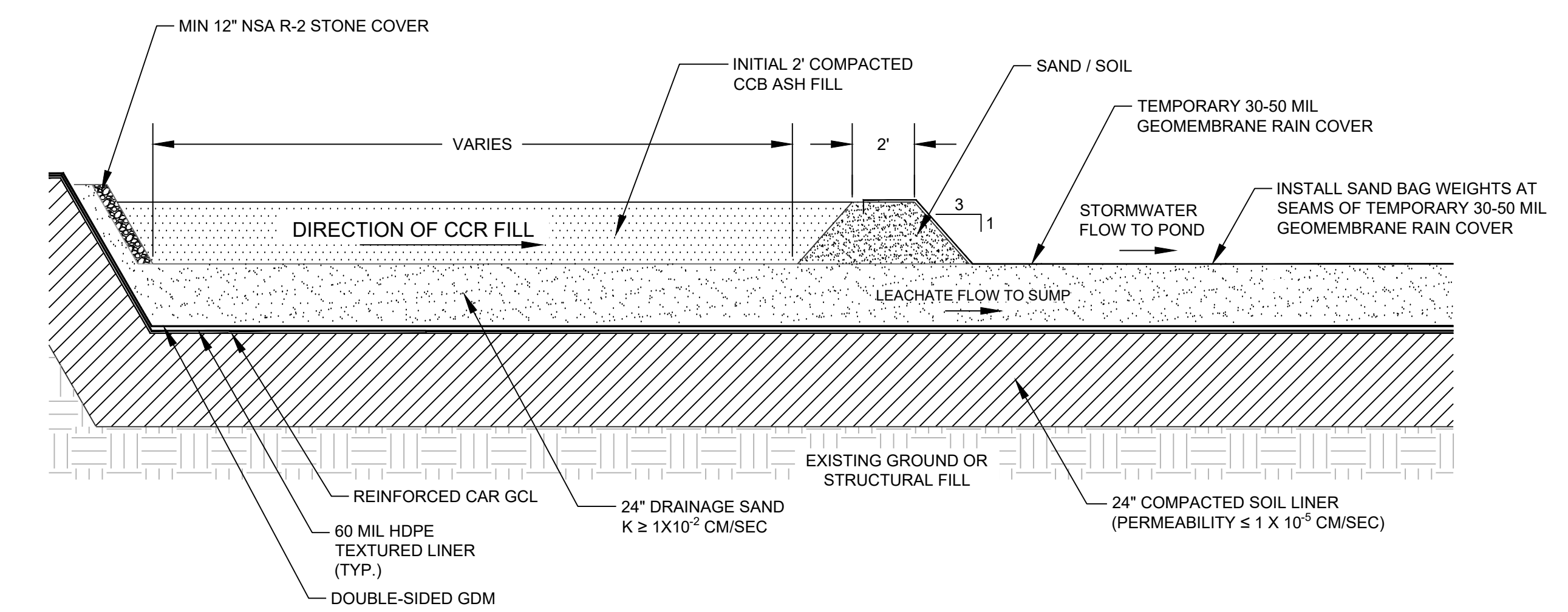
PERMANENT ACCESS ROAD, PERMIETER DITCH, AND BERM TYPICAL SECTION
 SCALE: 1" = 5'

16



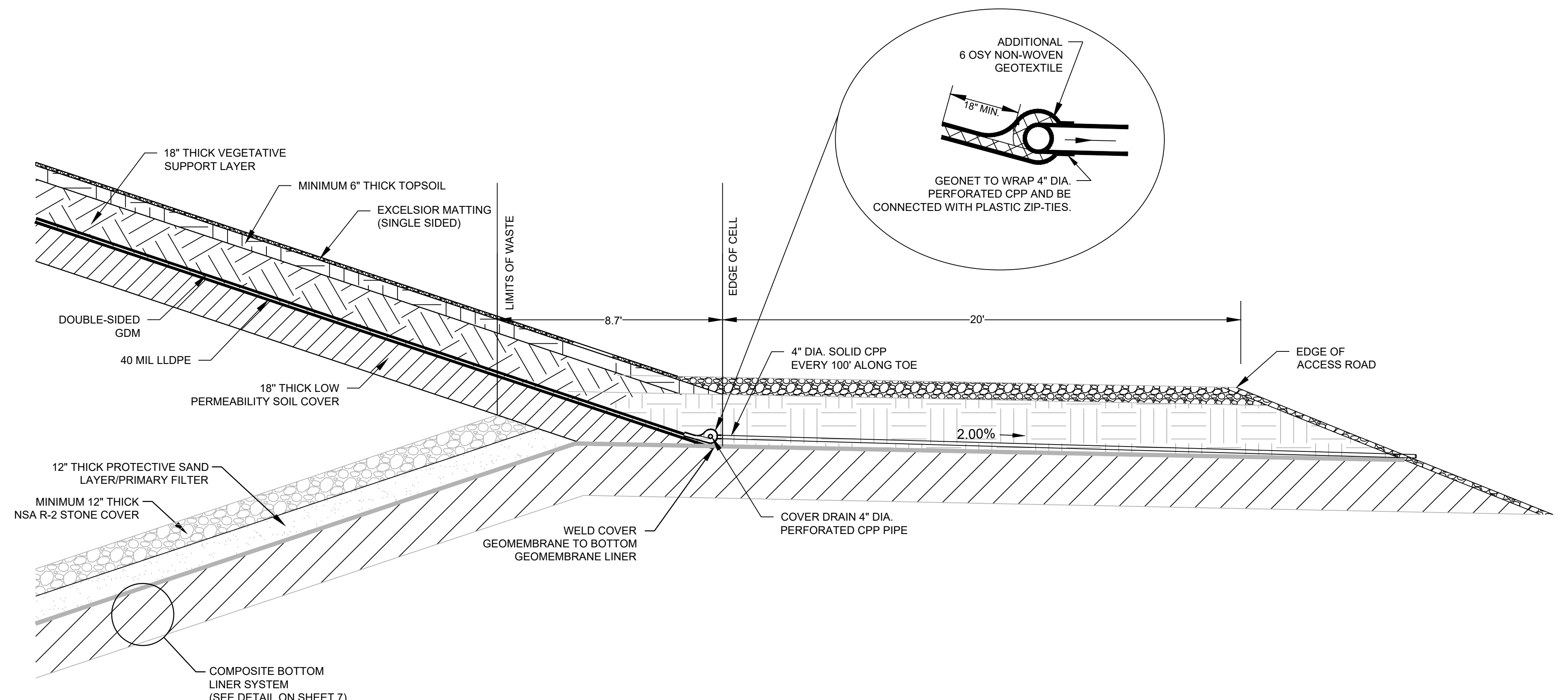
TYPICAL POND COMPOSITE LINER
 SCALE: N.T.S.

17



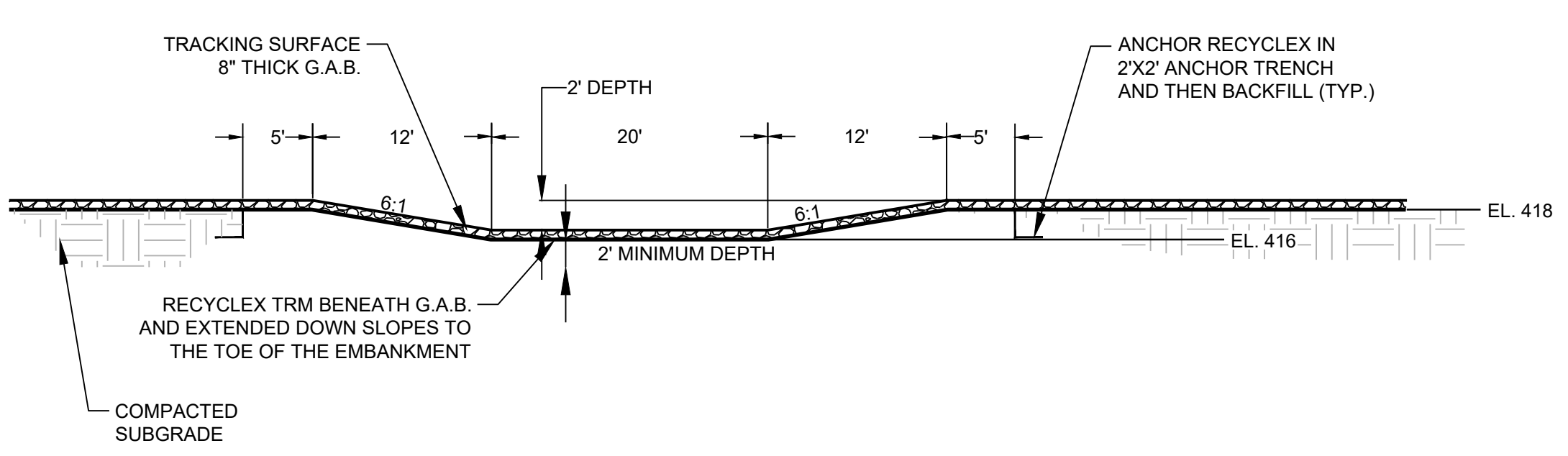
RAIN FLAP
 SCALE: N.T.S.

18



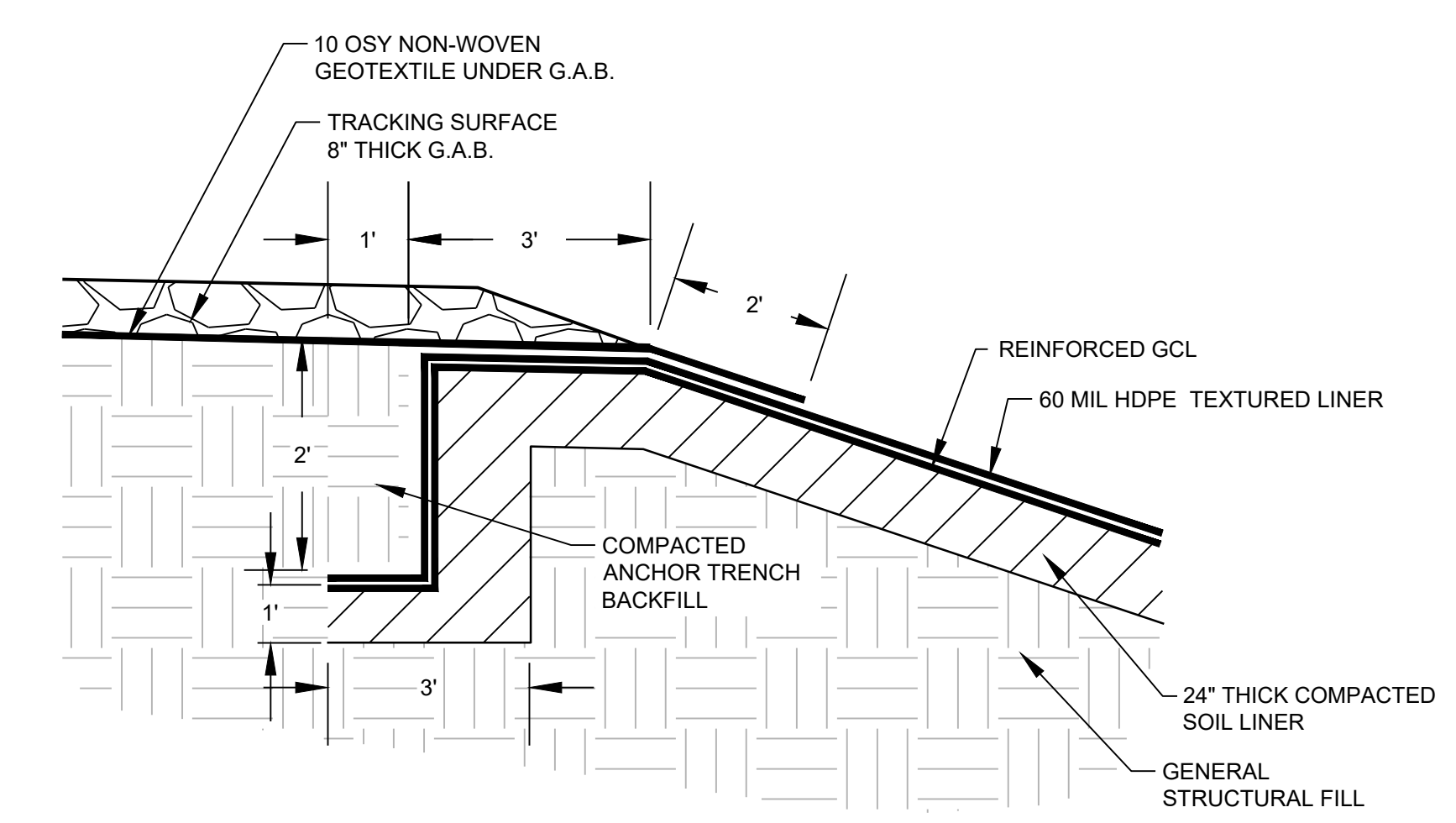
FINAL COVER TIE IN
 SCALE: 1" = 3'

19



EMERGENCY SPILLWAY NON-LEACHATE STORMWATER POND TYPICAL SECTION
 SCALE: N.T.S.

20



POND ANCHOR TRENCH
 SCALE: N.T.S.



MISCELLANEOUS DETAILS			
PLANT SCHERER - CELL 3			
COAL COMBUSTION RESIDUALS (CCR) LANDFILL			
PERMIT APPLICATION			
FOR GEORGIA POWER COMPANY MONROE COUNTY, GEORGIA			
HHNT			
HODGES, HARBIN, NEWBERRY & TRIBBLE, INC.			
Consulting Engineers			
(478) 743-7175 WWW.HHNT.COM	3920 ARKWRIGHT RD. SUITE 101 MACON, GEORGIA 31210		
PROJ. NO. 3030-017-01	DWG. GPC-PS-C3-D3	EDIT 12/09/2024	
SCALE N.T.S.	SHEET H1C11064		
DATE OCTOBER 2022			

REVISION: 1	DATE: 12/09/2024
CELL 3 MODIFICATIONS AND CELL 2 TEMPORARY SEDIMENT BASIN	
BY: ANR	CHECKED BY: RBL
CIVIL APPR: RBL	