

GEOSYNTEC-PW-01/DOCUMENTS/CLIENTS/C/CRISP COUNTY POWER COMMISSION/GW6152 - AP-1 CLOSURE/CADD/02 - SOLID WASTE CLOSURE PERMIT/DRAWINGS/SHEETS/GW6152.02-01.dwg

	LIST OF DRAWINGS
DRAWING NO.	TITLE
1	COVER SHEET
2	PROPERTY BOUNDARY SURVEY AND LEGAL DESCRIPTION
3	EXISTING SITE CONDITIONS - ASH POND
4	EXISTING SITE CONDITIONS - SECONDARY ASH AREAS 1 AND 2
5	ASH REMOVAL PLAN - ASH POND
	ASH REMOVAL PLAN - SECONDARY ASH AREA 1 - PHASES 1A AND 1B
	ASH REMOVAL PLAN - SECONDARY ASH AREA 2
8	INTERIM RESTORATION - ASH POND - PHASE 1
9	INTERIM RESTORATION - ASH POND - PHASE 2
10	INTERIM RESTORATION - SECONDARY ASH AREA 1
11	INTERIM RESTORATION - SECONDARY ASH AREA 2
12	ASH REMOVAL PLAN - SECONDARY ASH AREA 1 - PHASE 2
13	FINAL RESTORATION - ASH POND
14	FINAL RESTORATION - SECONDARY ASH AREAS 1 AND 2
15	CROSS-SECTIONS - ASH POND
16	CROSS-SECTIONS - SECONDARY ASH AREAS 1 AND 2
17	EROSION AND SEDIMENT CONTROL DETAILS I
18	EROSION AND SEDIMENT CONTROL DETAILS II
19	EROSION AND SEDIMENT CONTROL DETAILS III
20	EROSION AND SEDIMENT CONTROL DETAILS IV

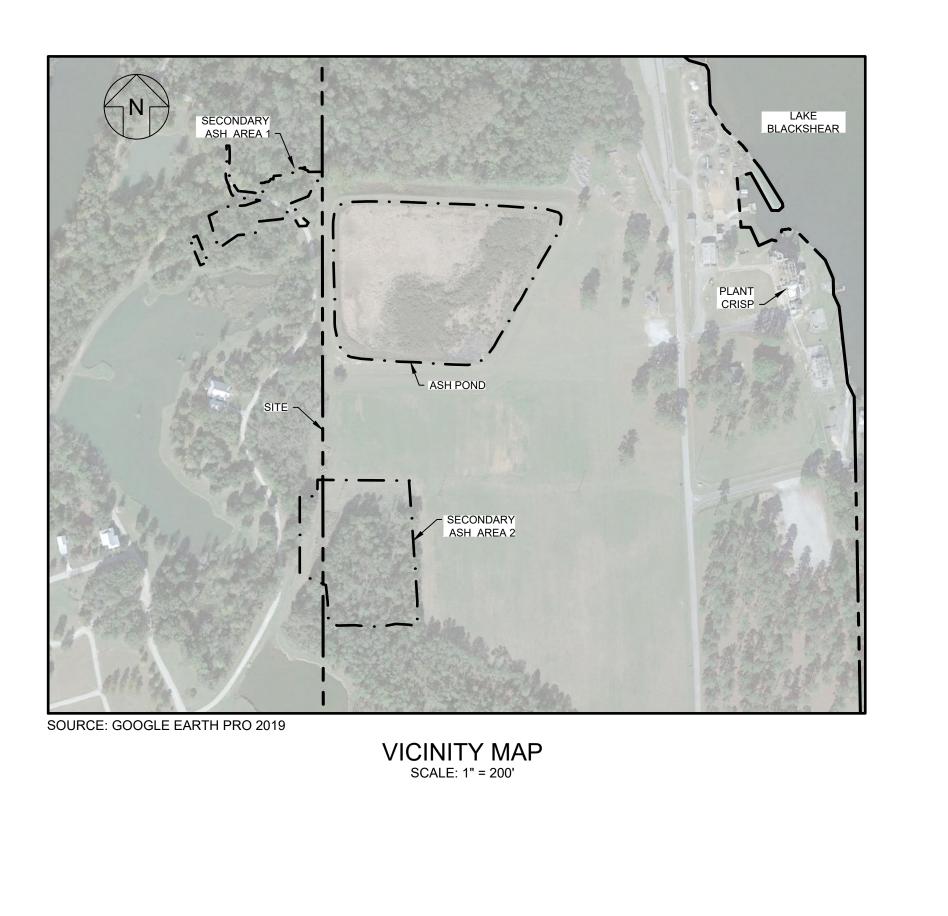
PROJECT DESCRIPTION:

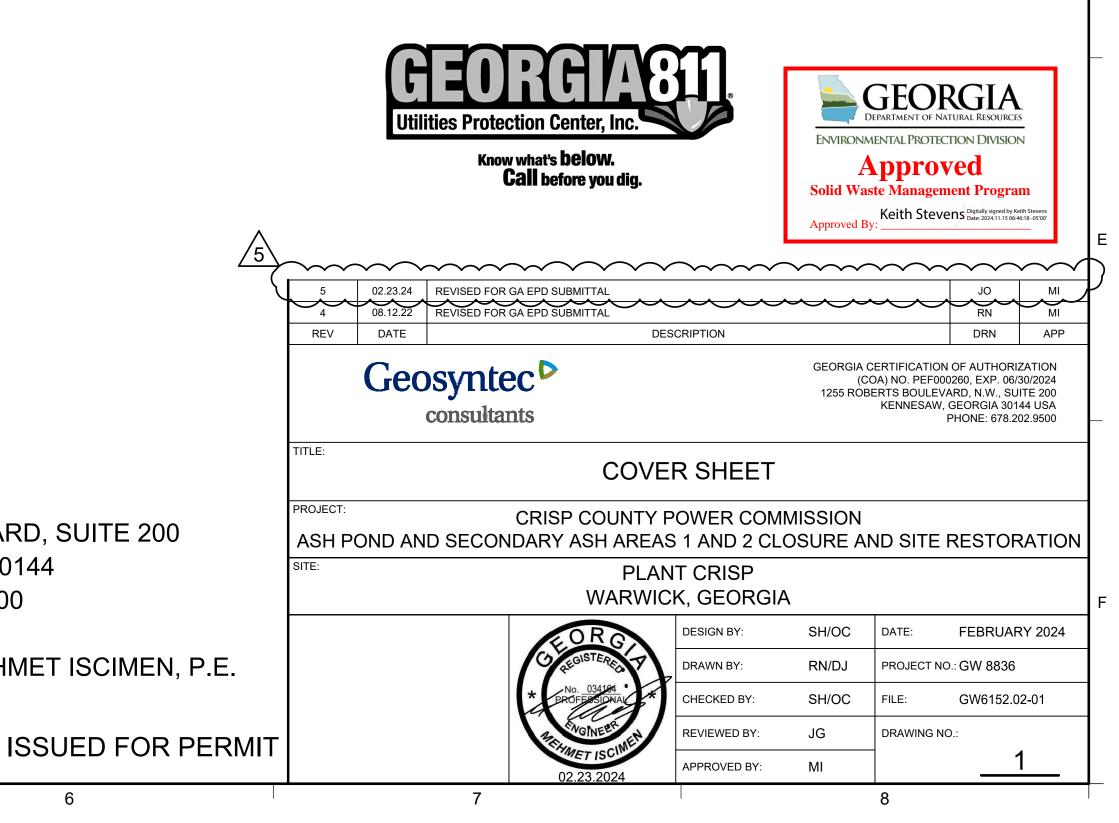
THE ASH POND AT PLANT CRISP, LOCATED AT 961 POWER DAM ROAD IN WARWICK, GEORGIA, WAS CONSTRUCTED IN THE 1970'S AS A SIDE-HILL IMPOUNDMENT AND OPERATED AS AN UNLINED, WET POND THE ASH POND RECEIVED ASH SLUICE WATER WITH COAL COMBUSTION RESIDUALS (CCR) FROM THE COAL PLANT OPERATION, STORMWATER RUNOFF FROM THE COAL STOCKPILE, AND BLOWDOWN WATER FROM THE PLANT. DURING SITE INVESTIGATIONS, TWO ADDITIONAL AREAS WERE IDENTIFIED AS POTENTIALLY RECEIVING CCR DURING PLANT OPERATION--SECONDARY ASH AREA 1, AN AREA NORTHWEST OF THE ASH POND, AND SECONDARY ASH AREA 2, AN AREA SOUTH OF THE ASH POND. THE CLOSURE OF THE ASH POND AND SECONDARY ASH AREAS 1 AND 2 IS ASSOCIATED WITH THE REQUIREMENTS OF UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) 40 CFR 257, TITLED "DISPOSAL OF COAL COMBUSTION RESIDUALS FROM ELECTRIC UTILITIES" (USEPA CCR RULE) AND GEORGIA ENVIRONMENTAL PROTECTION DIVISION, SOLID WASTE MANAGEMENT, CHAPTER 391-3-4-.10 TITLED "COAL COMBUSTION RESIDUALS" (GA EPD CCR RULE). TO CLOSE THE ASH POND AND SECONDAR ASH AREAS 1 AND 2 AND RESTORE THE SITE, THE PROJECT WILL INCLUDE: (I) REMOVAL OF CCR (I.E., ASH AND A MINIMUM OF 6-INCH THICK LAYER OF NATIVE SOIL UNDERLYING THE ASH; (II) TRANSPORTATION AN DISPOSAL OF THE REMOVED MATERIAL TO THE PERMITTED CRISP COUNTY MUNICIPAL SOLID WASTE (MSW) LANDFILL; AND (III) SITE RESTORATION, INCLUDING REGRADING TO PROMOTE POSITIVE DRAINAGE SELECTIVELY LOWERING, BREACHING, OR REMOVING THE CONTAINMENT DIKES AND BERMS; AND SEEDING OF AREA TO ESTABLISH VEGETATION. EROSION AND SEDIMENT CONTROLS WILL BE PUT IN-PLACE AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT TO ENHANCE STORMWATER CONVEYANCE AND TO MINIMIZE EROSION.

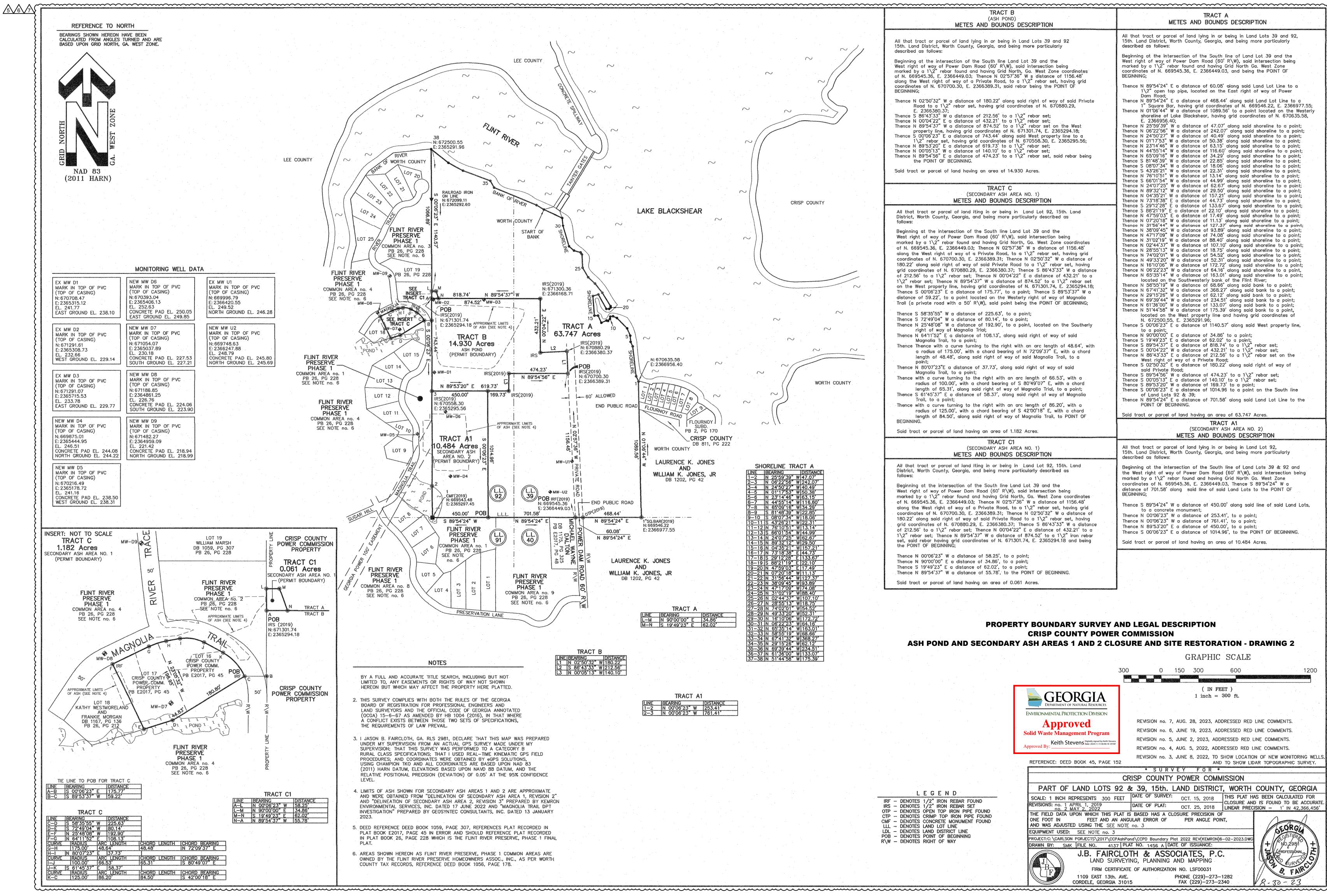
PREPARED BY:



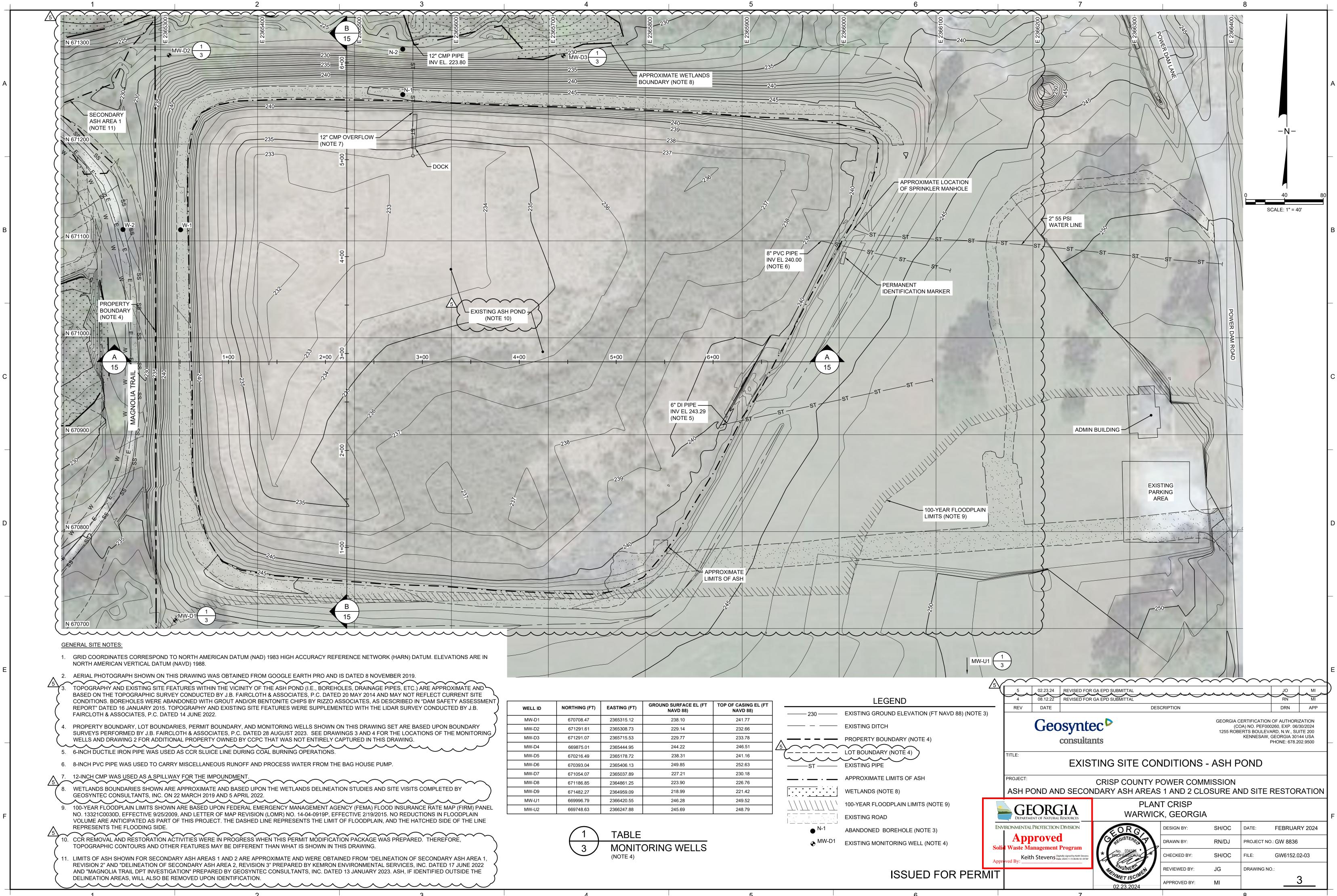
1255 ROBERTS BOULEVARD, SUITE 200 KENNESAW, GEORGIA 30144 TELEPHONE: 678.202.9500 FAX: 678.202.9501 CONTACT PERSON: MEHMET ISCIMEN, P.E.



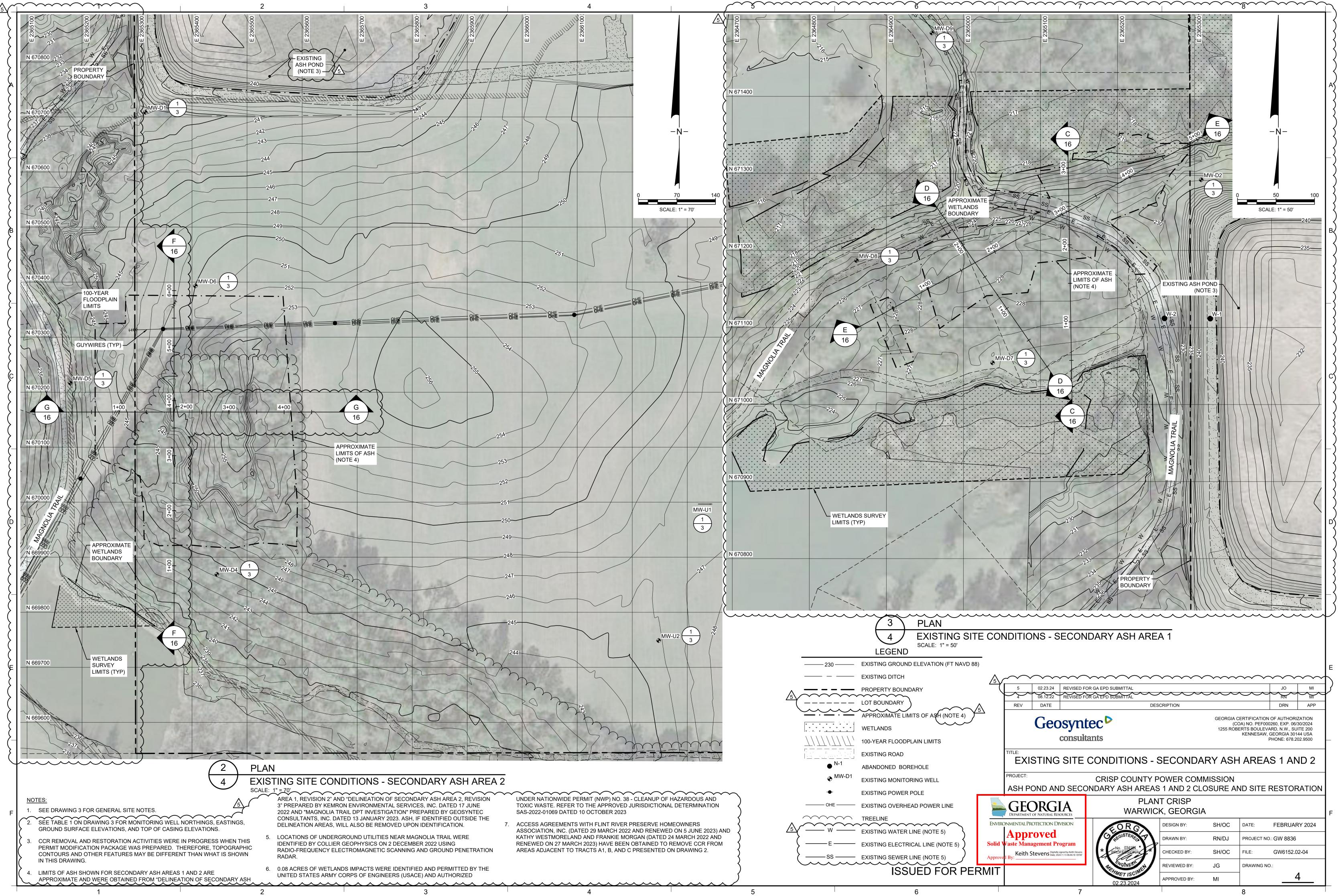




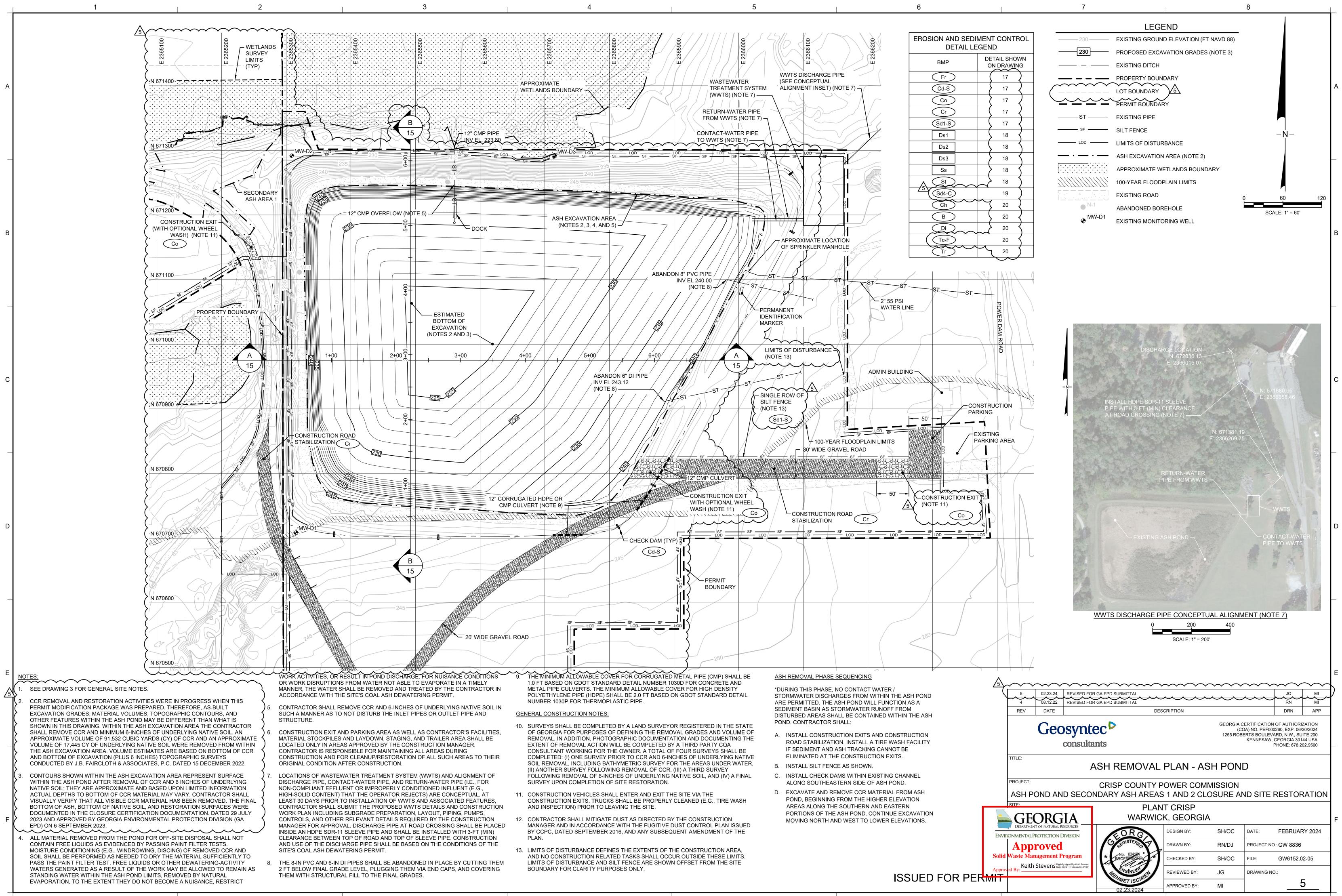
<text></text>	TRACT B (ASH POND) METES AND BOUNDS DESCRIPTION	TRACT A METES AND BOUNDS DESCRIPTION
<text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text>	District, Worth County, Georgia, and being more particularly	15th. Land District, Worth County, Georgia, and being more particularly
<text><text><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></text></text>	at the intersection of the South line Land Lot 39 and the of way of Power Dam Road (60' R\W), said intersection being a 1\2" rebar found and having Grid North, Ga. West Zone coordinates 545.36, E. 2366449.03; Thence N 02'57'36" W s distance of 1156.48' West right of way of a Private Road, to a 1\2" rebar set, having grid	West right of way of Power Dam Road (60' R\W), said intersection being marked by a 1\2" rebar found and having Grid North Ga. West Zone coordinates of N. 669545.36, E. 2366449.03, and being the POINT OF BEGINNING; Thence N 89'54'24" E a distance of 60.08' along said Land Lot Line to a
<section-header><section-header><section-header><section-header><form></form></section-header></section-header></section-header></section-header>	bad to a 1\2" rebar set, having grid coordinates of N. 670880.29, 2366380.37; 86'43'33" W a distance of 212.56' to a 1\2" rebar set; 00'04'22" E a distance of 432.21' to a 1\2" rebar set; 89'54'37" W a distance of 874.52' to a 1\2" rebar set on the West operty line, having grid coordinates of N. 671301.74, E. 2365294.18; 00'06'23" E a distance of 743.44' along said West property line to a 2" rebar set, having grid coordinates of N. 670558.30, E. 2365295.56; 89'53'20" E a distance of 619.73' to a 1\2" rebar set; 00'05'13" W a distance of 140.10' to a 1\2" rebar set; 89'54'56" E a distance of 474.23' to a 1\2" rebar set; e POINT OF BEGINNING.	Dam Road; Thence N 89'54'24" E a distance of 468.44' along said Land Lot Line to a 1" Square Bar, having grid coordinates of N. 669546.22, E. 2366977.55; Thence N 01'06'44" W a distance of 1089.56' to a point located on the Westerly shoreline of Lake Blackshear, having grid coordinates of N. 670635.58, E. 2366956.40; Thence N 25'59'39" W a distance of 47.07' along said shoreline to a point; Thence N 06'22'56" W a distance of 242.07' along said shoreline to a point; Thence N 06'22'56" W a distance of 40.49' along said shoreline to a point; Thence N 01'17'53" W a distance of 50.38' along said shoreline to a point; Thence N 23'14'46" W a distance of 63.15' along said shoreline to a point; Thence N 44'55'14" W a distance of 116.60' along said shoreline to a point; Thence N 65'09'16" W a distance of 34.29' along said shoreline to a point; Thence S 81'48'39" W a distance of 18.06' along said shoreline to a point; Thence S 08'07'34" W a distance of 18.06' along said shoreline to a point;
<text></text>	TRACT C	Thence N 76'10'51" W a distance of 13.14' along said shoreline to a point; Thence S 66'01'54" W a distance of 44.99' along said shoreline to a point; Thence N 24'07'25" W a distance of 62.67' along said shoreline to a point; Thence N 89'32'12" W a distance of 29.50' along said shoreline to a point;
<text></text>	METES AND BOUNDS DESCRIPTION ract or parcel of land Iting in or being in Land Lot 92, 15th. Land	Thence N 73'18'38" E a distance of 44.73' along said shoreline to a point; Thence S 29'12'28" E a distance of 133.67' along said shoreline to a point; Thence S 88'21'19" E a distance of 22.10' along said shoreline to a point;
	at the intersection of the South line Land Lot 39 and the t of way of Power Dam Road (60' R\W), said intersection being y a 1\2" rebar found and having Grid North, Ga. West Zone coordinates 1545.36, E. 2366449.03; Thence N 02'57'36" W s distance of 1156.48' West right of way of a Private Road, to a 1\2" rebar set, having grid es of N. 670700.30, E. 2366389.31; Thence N 02'50'32" W a distance of long said right of way of said Private Road to a 1\2" rebar set, having dinates of N. 67080.29, E. 2366380.37; Thence S 86'43'33". W a distance ' to a 1\2" rebar set; Thence N 00'04'22" E a distance of 432.21' to a ar set; Thence N 89'54'37" W a distance of 874.52' to a 1\2" rebar set est property line, having grid coordinates of N. 671301.74, E. 2365294.18; 00'06'23" E a distance of 175.77', to a point; Thence S 89'53'37" W a of 59.22', to a point located on the Westerly right of way of Magnolia rivate road with a 50' R\W), sold point being the POINT OF BEGINNING; 58'35'55" W a distance of 80.14', to a point; 72'49'04" W a distance of 80.14', to a point; 25'48'08" W a distance of 108.13', along said right of way of said lagnolia Trail, to a point; hence with a curve turning to the right with an arc length of 48.64', with radius of 175.00', with a chord bearing of N 72'09'37" E, with a chord ength of 48.48', along said right of way of said lagnolia Trail, to a point; the curve turning to the right with an arc length of 66.53', with a daius of 100.00', with a chord bearing of S 80'49'07" E, with a chord ength of 65.31', along said right of way of Magnolia trail, to a point; th a curve turning to the right with an arc length of 66.53', with a daius of 100.00', with a chord bearing of S 80'49'07" E, with a chord ength of 65.31', along said right of way of Magnolia trail, to a point; th a curve turning to the right with an arc length of 66.53', with a daius of 100.00', with a chord bearing of S 80'49'07" E, with a chord ength of 65.31', along said right of way of Magnolia trail, to a point;	 Thence N 0720'18" W a distance of 11.13' along said shoreline to a point; Thence N 3156'44" W a distance of 93.89' along said shoreline to a point; Thence N 3702'19" W a distance of 74.08' along said shoreline to a point; Thence N 31702'19" W a distance of 88.40' along said shoreline to a point; Thence N 02'44'37" W a distance of 107.10' along said shoreline to a point; Thence N 28'55'13" W a distance of 54.52' along said shoreline to a point; Thence N 74'02'01" W a distance of 54.52' along said shoreline to a point; Thence N 74'02'01" W a distance of 52.31' along said shoreline to a point; Thence N 16'10'06" W a distance of 54.52' along said shoreline to a point; Thence N 16'10'06" W a distance of 64.16' along said shoreline to a point; Thence N 06'22'23" W a distance of 64.16' along said shoreline to a point; Thence N 06'22'23" W a distance of 64.16' along said shoreline to a point; Thence N 06'22'23" W a distance of 64.16' along said shoreline to a point; Thence N 06'22'23" W a distance of 64.16' along said bareline to a point; Thence N 06'22'23" W a distance of 64.16' along said bareline to a point; Thence N 06'22'23" W a distance of 62.24' along said bark to a point; Thence N 06'24'1'32" W a distance of 234.51' along said bank to a point; Thence N 69'39'44" W a distance of 123.07' along said bank to a point; Thence N 06'36'00" W a distance of 133.07' along said bank to a point; Thence N 51'44'58" W a distance of 44.86' to a point; Thence N 90'00'05" E a distance of 44.86' to a point; Thence S 00'06'23" E a distance of 44.86' to a point; Thence S 19'49'23" E a distance of 44.22' to a 1/2" rebar set; Thence S 19'49'23" E a distance of 418.74' to a 1/2" rebar set; Thence S 89'54'33" E a distance of 188.74' to a 1/2" rebar set; Thence S 89'54'33" E a distance of 180.22' along sai
Let Prove the function of the Such in the function of the Such in the function of the Such is	3.	TRACT A1 (SECONDARY ASH AREA NO. 2)
The Provide of the Such Response of 25.2 (a) to a point the Provide Total Control (Control (Contr	(SECONDARY ASH AREA NO. 1)	All that tract or parcel of land lying in or being in Land Lot 92,
ECCEND 1/2 FRON RESAR STOUNDARY 1/2 FRON RESAR STOUNDARY <td>Worth County, Georgia, and being more particularly described as at the intersection of the South line Land Lot 39 and the t of way of Power Dam Road (60' R\W), said intersection being y a 1\2" rebar found and having Grid North, Ga. West Zone coordinates 0545.36, E. 2366449.03; Thence N 02'57'36" W s distance of 1156.48' e West right of way of a Private Road, to a 1\2" rebar set, having grid es of N. 670700.30, E. 2366389.31; Thence N 02'50'32" W a distance of long said right of way of said Private Road to a 1\2" rebar set, having dinates of N. 670880.29, E. 2366380.37; Thence S 86'43'33" W a distance b' to a 1\2" rebar set; Thence N 00'04'22" E a distance of 432.21' to a ar set; Thence N 89'54'37" W a distance of 874.52' to a 1\2" iron rebar rebar having grid coordinates of N. 671301.74, E. 2365294.18 and being T OF BEGINNING; 00'06'23" W a distance of 58.25', to a point; 90'00'00" E a distance of 34.86', to a point; 19'49'23" E a distance of 62.02', to a point; 89'54'37" W a distance of 55.78', to the POINT OF BEGINNING.</td> <td> Beginning at the intersection of the South line of Land Lots 39 & 92 and the West right of way of Power Dam Road (60' R\W), said intersection being marked by a 1\2" rebar found and having Grid North Ga. West Zone coordinates of N. 669545.36, E. 2366449.03, Thence S 89'54'24" W a distance of 701.58' along said line of said Land Lots to the POINT OF BEGINNING; Thence S 89'54'24" W a distance of 450.00' along said line of said Land Lots, to a concrete monument; Thence N 00'06'23" W a distance of 253.41', to a point; Thence N 89'53'20" E a distance of 450.00', to a point; Thence S 00'06'23" E a distance of 1014.96', to the POINT OF BEGINNING. </td>	Worth County, Georgia, and being more particularly described as at the intersection of the South line Land Lot 39 and the t of way of Power Dam Road (60' R\W), said intersection being y a 1\2" rebar found and having Grid North, Ga. West Zone coordinates 0545.36, E. 2366449.03; Thence N 02'57'36" W s distance of 1156.48' e West right of way of a Private Road, to a 1\2" rebar set, having grid es of N. 670700.30, E. 2366389.31; Thence N 02'50'32" W a distance of long said right of way of said Private Road to a 1\2" rebar set, having dinates of N. 670880.29, E. 2366380.37; Thence S 86'43'33" W a distance b' to a 1\2" rebar set; Thence N 00'04'22" E a distance of 432.21' to a ar set; Thence N 89'54'37" W a distance of 874.52' to a 1\2" iron rebar rebar having grid coordinates of N. 671301.74, E. 2365294.18 and being T OF BEGINNING; 00'06'23" W a distance of 58.25', to a point; 90'00'00" E a distance of 34.86', to a point; 19'49'23" E a distance of 62.02', to a point; 89'54'37" W a distance of 55.78', to the POINT OF BEGINNING.	 Beginning at the intersection of the South line of Land Lots 39 & 92 and the West right of way of Power Dam Road (60' R\W), said intersection being marked by a 1\2" rebar found and having Grid North Ga. West Zone coordinates of N. 669545.36, E. 2366449.03, Thence S 89'54'24" W a distance of 701.58' along said line of said Land Lots to the POINT OF BEGINNING; Thence S 89'54'24" W a distance of 450.00' along said line of said Land Lots, to a concrete monument; Thence N 00'06'23" W a distance of 253.41', to a point; Thence N 89'53'20" E a distance of 450.00', to a point; Thence S 00'06'23" E a distance of 1014.96', to the POINT OF BEGINNING.
E G E N D 1/2" IRON REBAR FOUND 1/2" IRON REBAR SET 0 FET OF LAND LOTS 92 & 39, 15th. LAND DISTRICT, WORTH COUNTY, GEORGIA 1/2" IRON REBAR SET 0 FET OF LAND LOTS 92 & 39, 15th. LAND DISTRICT, WORTH COUNTY, GEORGIA 1/2" IRON REBAR SET 0 FET OF LAND LOTS 92 & 39, 15th. LAND DISTRICT, WORTH COUNTY, GEORGIA 1/2" IRON REBAR SET 0 FET OF LAND LOTS 92 & 39, 15th. LAND DISTRICT, WORTH COUNTY, GEORGIA 1/2" IRON REBAR SET 0 FET OF LAND LOTS 92 & 39, 15th. LAND DISTRICT, WORTH COUNTY, GEORGIA 1/2" IRON REBAR SET 0 FET OF IRON PIPE FOUND 1/2" IRON REBAR SET 0 FET OF IRON PIPE FOUND 1/2" IRON REBAR SET 0 FET OF IRON PIPE FOUND 1/2" IRON REBAR SET 0 FET OF IRON PIPE FOUND 1/1" IRON REBAR SET 0 FET OF IRON PIPE FOUND 1/2" IRON REBAR SET 0 MULT DINE 0 MULT DINE 1/1" IRON REBAR SET 0 MULT DINE 0 M	PROPERTY BOUNDARY SURVEY A CRISP COUNTY POWER	COMMISSION DSURE AND SITE RESTORATION - DRAWING 2
LECEEN D 1 Inch = 300 ft. 1 Inch = 300 ft. Revision no. 7, Aug. 28, 2023, Addressed red Line comments. Revision no. 6, June 19, 2023, Addressed red Line comments. Revision no. 7, Aug. 28, 2023, Addressed red Line comments. Revision no. 6, June 19, 2023, Addressed red Line comments. Revision no. 7, Aug. 28, 2023, Addressed red Line comments. Revision no. 6, June 2, 2023, Addressed red Line comments. Revision no. 7, June 8, 2022, To SHOW Location of New Monitoring Wells Add to Show Location of New Monitoring Wells 1 / 2/ IRON REBAR four OFEN TOP IRON PIPE FOUND CONCRETE MONUMENT FOUND 2 MAY 27, 2029 Intel Field Data UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION of Ne FOOT IN FEEL AND AN ANGULAR ERROR of PER AND SA CLOSURE PRECISION OF INCH FIEld Data UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF INCH FIEld Data UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF INCH FIEld Data UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF INCH FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF INCH FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF INCH FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF INCH FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF INCH FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF INCH FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF INCH FIELD DATA UPON WHICH THIS PLAT INCH ARA SUBCED HERE INCH OF ISSUMACE: INCH SUBJECT: LARLES NOT INFERENCE: INCH CERTIFICATE OF AURTHORIZATION NO. LSF00031 ING EXERTIFICATE OF AURTHORIZATION NO. LS		300 0 150 300 600 1200
E G E N D 3 1/2" IRON REBAR FOUND 1/2" IRON REBAR FOUND 1/2" IRON REBAR SET OPEN TOP IRON PIPE FOUND CRIMP TOP IRON PIPE FOUND CONCRETE MONUMENT FOUND LAND LOTS USED Set LAND LOTS USED DISTRICT LINE Set LAND SITIRICT LINE Set RIGHT OF WAY DISTRICT LINE Set RIGHT OF WAY DISTRICT LINE Set RIGHT OF WAY DISTRICT LINE Set RIGHT OF WAY DISTRICT LINE Set RIGHT OF WAY DISTRICT LINE Set RIGHT OF WAY DISTRICT LINE Set RIGHT OF WAY DISTRICT LINE Sequer May DISTRICT LINE Sequer May	DEPARTMENT OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION DIVISION Approved Solid Waste Management Program Approved By:	1 inch = 300 ft. REVISION no. 7, AUG. 28, 2023, ADDRESSED RED LINE COMMENTS. REVISION no. 6, JUNE 19, 2023, ADDRESSED RED LINE COMMENTS. REVISION no. 5, JUNE 2, 2023, ADDRESSED RED LINE COMMENTS. REVISION no. 4, AUG. 5, 2022, ADDRESSED RED LINE COMMENTS. REVISION no. 3, JUNE 8, 2022, TO SHOW LOCATION OF NEW MONITORING WELLS, AND TO SHOW LIDAR TOPOGRAPHIC SURVEY.
LEGEND SCALE: 1 INCH REPRESENTS 300 FEET DATE OF SURVEY: OCT. 15, 2018 THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE. 1/2" IRON REBAR SET OPEN TOP IRON PIPE FOUND CCT. 25, 2018 THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE. S OPEN TOP IRON PIPE FOUND CRIMP TOP IRON PIPE FOUND DATE OF PLAT: OCT. 25, 2018 CLOSURE AND IS FOUND TO BE ACCURATE. S CALE: 1 INCH REPRESENTS 100 PORTOR PORTOR PORTOR PRECISION OF INF. DATE OF PLAT: OCT. 25, 2018 CLOSURE AND IS FOUND TO BE ACCURATE. S OPEN TOP IRON PIPE FOUND SCONCRETE MONUMENT FOUND THE FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF ONE FOOT IN FEET AND AN ANGULAR ERROR OF PER ANGLE POINT, AND WAS ADJUSTED USING THE SEE NOTE no. 3 EQUIPMENT USED: SEE NOTE no. 3 EQUIPMENT USED: SEE NOTE no. 3 PROJECT:: C CARLSON PORJECTS/2017/CCPAshPond/CCPD Boundary Plat 2022 REV(KEMRON)6-02-2023.DWG PROJECT:: CCARLSON PORJECTS/2017/CCPAshPond/CCPD Boundary Plat 2022 REV(KEMRON)6-02-2023.DWG DRAWN BY: SMK FILE NO. 4137 PLAT NO. 1456 A DATE OF ISSUANCE: PROFESSIONAL J.B. FAIRCLOTH & CARTIFICATE OF AUTHORIZATION NO. LSF00031 THOURD FOR SURVEYING, PLANNING AND MAPPING PHONE (229)-273-1282	PART OF LAND LOTS 9	
CORDELE, GEORGIA 31015 FAX (229)-273-2340 V_{B} -30-23	SCALE: 1 INCH REPRESENTS 300 FE SCALE: 1 INCH REPRESENTS 300 FE REVISIONS: no. 1 APRIL 1, 2019 no. 2 MAY 2, 2022 THE FIELD DATA UPON WHICH THIS PL ONE FOOT IN FEET AND AN AND WAS ADJUSTED USING THE SEE I EQUIPMENT USED: SEE NOTE no. 3 PROJECT:C: \CARLSON PORJECTS\2017\CCPJ DRAWN BY: SMK FILE NO. 4137 J.B. FAIRC LAND SUR FIRM CERTIF	EET DATE OF SURVEY: OCT. 15, 2018 THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE. LINEAR PRECISION – 1' IN 42,366,456' LAT IS BASED HAS A CLOSURE PRECISION OF ANGULAR ERROR OF PER ANGLE POINT, NOTE no. 3 PER ANGLE POINT, AshPond\CCPD Boundary Plat 2022 REV(KEMRON)6–02–2023.DWG PLAT NO. 1456 A DATE OF ISSUANCE: DATE OF ISSUANCE: CLOTH & ASSOCIATES, P.C. VEYING, PLANNING AND MAPPING PLANNING AND MAPPING FICATE OF AUTHORIZATION NO. LSF00031 AVE. PHONE (229)–273–1282

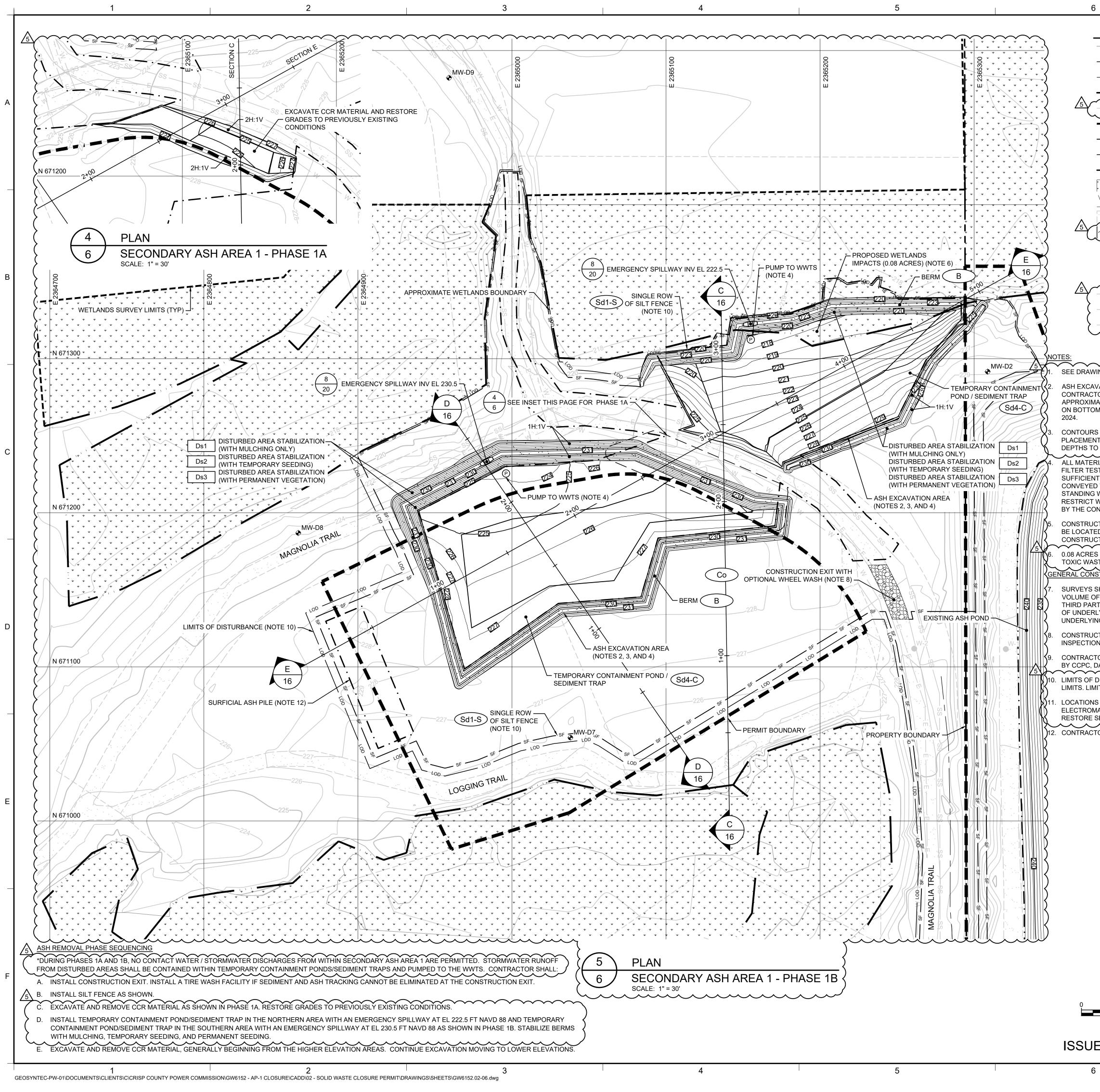


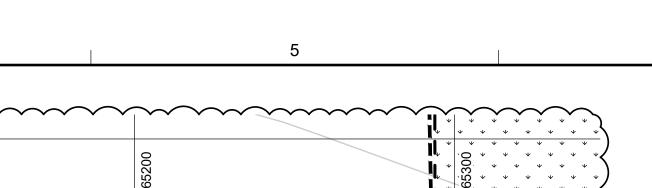
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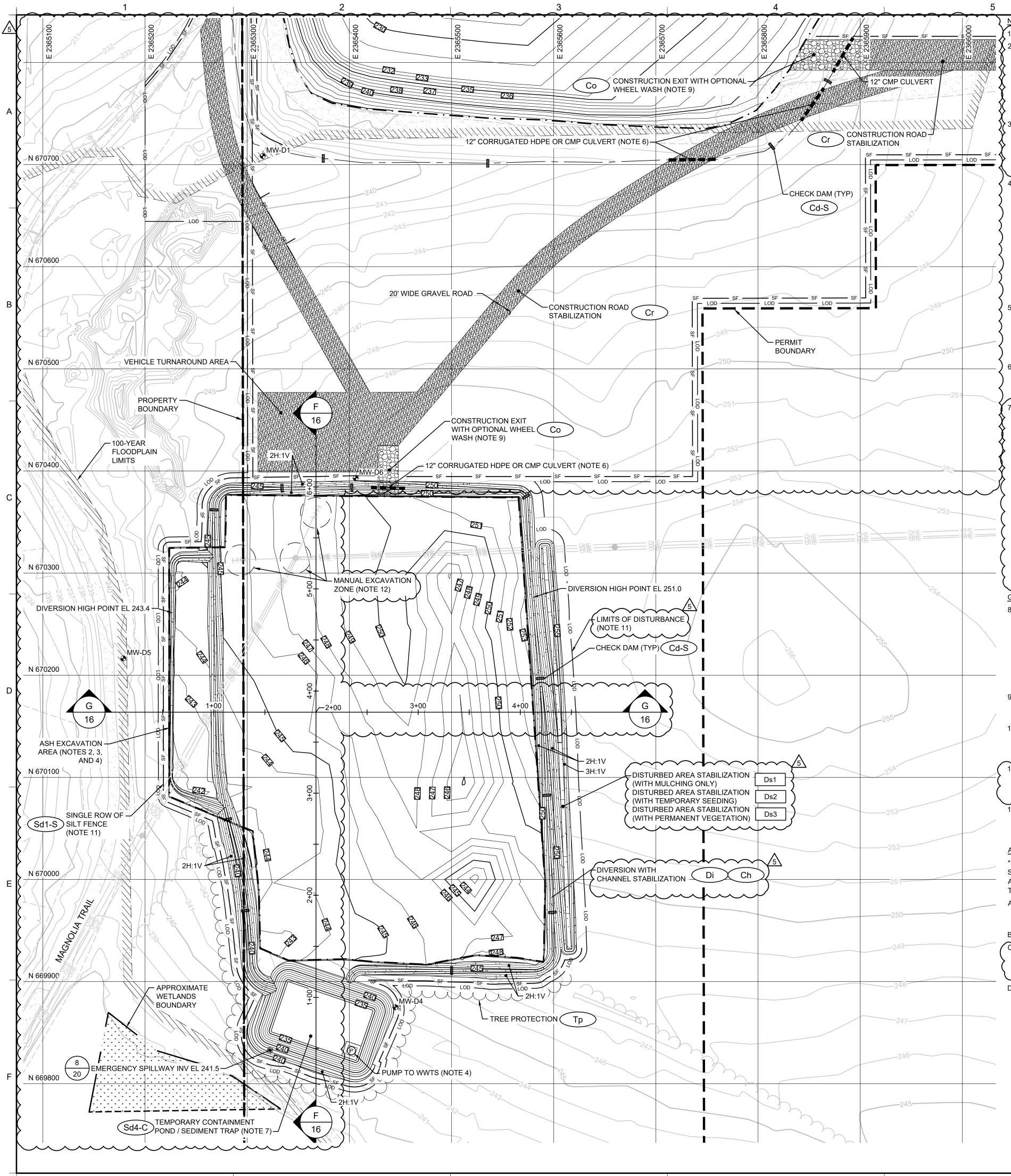
GEOSYNTEC-PW-01/DOCUMENTS/CLIENTS/C/CRISP COUNTY POWER COMMISSION/GW6152 - AP-1 CLOSURE/CADD/02 - SOLID WASTE CLOSURE PERMIT/DRAWINGS/SHEETS/GW6152.02-04.dwg







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	LEGEND				
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	BOUNDARY		Cd-S		
	MIT BOUNDARY				<u> </u>
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- LOD LIMIT	S OF DISTURBANCE		Sd1-S	$\frac{1}{1}$	
ASH	EXCAVATION AREA (NOTE 2)		Ds1		
	ROXIMATE WETLANDS BOUNDARY		Ds2		
	EAR FLOODPLAIN LIMITS		Ss		_
	TING ROAD				\rightarrow
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- W - EXIS	TING WATER LINE (NOTE 11)				\rightarrow
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— SS — EXIS	TING SEWER LINE (NOTE 11)				
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FOR GENERAL SITE N	NOTES.				\mathcal{A}
	E EXTENT OF MATERIAL REMOVAL WITHIN ND MINIMUM 6-INCHES OF UNDERLYING N				· · · · · · · · · · · · · · · · · · ·
OLUME OF 1,800 CY (OF UNDERLYING NATIVE SOIL WERE REMO EXCAVATION (PLUS 6 INCHES) TOPOGRA	OVED FROM WITHIN THE	ASH EXCAVATION AR	EA. VOLUME ESTIM	ATES ARE BASED
CR AND BOTTOM OF	EXCAVATION (FLUS 0 INCHES) TOPOGRA	AFRIC SURVETS CONDU	CTED BT LAND ENGIN	EERING, INC. DATE	
	EXCAVATION AREA REPRESENT SURFAC				1
	T FEATURES (BERMS, CHANNELS, ETC.); 1 AL MAY VARY. CONTRACTOR SHALL VISU,				
\dots	DNDARY ASH AREA 1 FOR OFF-SITE DISPO		\dots	\dots	\sim
OISTURE CONDITION	IING (E.G., WINDROWING, DISCING) OF RE	MOVED CCR AND SOIL S	HALL BE PERFORMED	AS NEEDED TO DR	Y THE MATERIAL
EMPORARY CONTAIN	LTER TEST. FREE LIQUIDS OR OTHER DEV IMENT PONDS/SEDIMENT TRAPS AND PUN	IPED TO WWTS FOR TR	EATMENT BUT MAY AL	SO BE ALLOWED TO	D REMAIN AS
	RY ASH AREA 1 LIMITS, REMOVED BY NATI ULT IN DISCHARGE. FOR NUISANCE CONE				
,	CE WITH THE SITE'S COAL ASH DEWATERI				
	REA AS WELL AS CONTRACTOR'S FACILIT				
	/ED BY THE CONSTRUCTION MANAGER. C RESTORATION OF ALL SUCH AREAS TO TH				ling
	WERE IDENTIFIED AND PERMITTED BY TH				
CTION NOTES:					_
	A LAND SURVEYOR REGISTERED IN THE S PHOTOGRAPHIC DOCUMENTATION AND D				-
QA CONSULTANT WOR	RKING FOR THE OWNER. A TOTAL OF FOU	R SURVEYS SHALL BE C	OMPLETED: (I) ONE SU	JRVEY PRIOR TO CO	CR AND 6-INCHES
	'AL, (II) ANOTHER SURVEY FOLLOWING RE FINAL SURVEY UPON COMPLETION OF SI		HIRD SURVEY FULLOV	VING REMOVAL OF	S-INCHES OF
VEHICLES SHALL EN	TER AND EXIT THE SITE VIA THE CONSTRU	UCTION EXITS. TRUCKS	SHALL BE PROPERLY	CLEANED (E.G., TIR	E WASH AND
IOR TO LEAVING THE	SITE.				
	AS DIRECTED BY THE CONSTRUCTION M ND ANY SUBSEQUENT AMENDMENT OF T		DANCE WITH THE FUG	ITIVE DUST CONTR	OL PLAN ISSUED
		$\sim \sim \sim \sim$			
	E EXTENTS OF THE CONSTRUCTION ARE SILT FENCE ARE SHOWN OFFSET FOR CL			HALL OCCUR OUTS	
JNDERGROUND UTILI	TIES NEAR MAGNOLIA TRAIL WERE IDENT	IFIED BY COLLIER GEOP	HYSICS ON 2 DECEME	BER 2022 USING RAI	DIO-FREQUENCY
	GROUND PENETRATION RADAR. UTILITIES ON OF ROAD RESTORATION BY CONTRAC		ED BY CCPC PRIOR T	O ROAD EXCAVATIO	N. CCPC SHALL
·····	CIAL ASH PILE AND MINIMUM 6-INCHES OF	\dots			~~~~
TALL REMOVE SURFI	CIAL ASH FILE AND MINIMUM 0-INCHES OF	ONDERLYING NATIVE 3	OIL DURING DRT CON	DITIONS.	
	5 02.23.24 REVISED FOR GA	EPD SUBMITTAL	<u> </u>		JO MI
	4 08.12.22 REVISED FOR GA	EPD SUBMITTAL		\sim	
	REV DATE	DESC	RIPTION		DRN APP
1	Constanto		GE	ORGIA CERTIFICATION ((COA) NO PEE0002	
	Geosyntee		1:	255 ROBERTS BOULEVA	260, EXP. 06/30/2024 RD, N.W., SUITE 200 GEORGIA 30144 USA
	consultant	S			HONE: 678.202.9500
	TITLE: ASH R	EMOVAL PLA	N - SECONDA	ARY ASH	
·		AREA 1 - PHA			
$-\dot{N}-$	PRO JECT:	RISP COUNTY PO			
	ASH POND AND SECOND				RESTORATION
				_ ~	
	DEPARTMENT OF NATURAL RESOURCES		GEORGIA		
	ENVIRONMENTAL PROTECTION DIVISION				
7	Approved	ELORG		/OC DATE:	FEBRUARY 2024
30 60	Solid Waste Management Program	REGISTERED	DRAWN BY: RN	/DJ PROJECT NO.	GW 8836
ALE: 1" = 30'	Approved By:	* BROFESSIONAL	CHECKED BY: SH,	/OC FILE:	GW6152.02-06
		Z WGINEER IN	REVIEWED BY: JG	DRAWING NO.	
FOR PERM	III	FIYMET ISCIME			6
		02.23.2024	APPROVED BY: MI		
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NOTES: 1. SEE DRAWING 3 FOR GENERAL SITE NOTES.

ASH EXCAVATION AREA DEFINES THE EXTENT OF MA SECONDARY ASH AREA 2. WITHIN THE ASH EXCAVAT SHALL REMOVE CCR AND MINIMUM 6-INCHES OF UND APPROXIMATE VOLUME OF 16,300 CY OF CCR AND AN 4,800 CY OF UNDERLYING NATIVE SOIL WERE REMOV EXCAVATION AREA. VOLUME ESTIMATES ARE BASED BOTTOM OF EXCAVATION (PLUS 6 INCHES) TOPOGRA BY LAND ENGINEERING, INC. DATED 29 JANUARY 2024

CONTOURS SHOWN WITHIN THE ASH EXCAVATION A AFTER REMOVAL OF CCR AND 6 INCHES OF UNDERLY PLACEMENT OF WATER MANAGEMENT FEATURES (BI ARE APPROXIMATE AND BASED UPON LIMITED INFOR

BOTTOM OF CCR MATERIAL MAY VARY, CONTRACTOR THAT ALL VISIBLE CCR MATERIAL HAS BEEN REMOVE ALL MATERIAL REMOVED FROM SECONDARY ASH AR SHALL NOT CONTAIN FREE LIQUIDS AS EVIDENCED B TESTS. MOISTURE CONDITIONING (E.G., WINDROWING AND SOIL SHALL BE PERFORMED AS NEEDED TO DRY TO PASS THE PAINT FILTER TEST. FREE LIQUIDS OR WATERS GENERATED AS A RESULT OF THE WORK W TEMPORARY CONTAINMENT POND/SEDIMENT TRAP A TREATMENT BUT MAY ALSO BE ALLOWED TO REMAIN SECONDARY ASH AREA 2 LIMITS, REMOVED BY NATU EXTENT THEY DO NOT BECOME A NUISANCE, RESTRI RESULT IN DISCHARGE. FOR NUISANCE CONDITIONS WATER SHALL BE REMOVED AND TREATED BY THE C

WITH THE SITE'S COAL ASH DEWATERING PERMIT. CONSTRUCTION EXIT AND PARKING AREA AS WELL A MATERIAL STOCKPILES AND LAYDOWN, STAGING, AN LOCATED ONLY IN AREAS APPROVED BY THE CONST CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AL CONSTRUCTION AND FOR CLEANUP/RESTORATION C ORIGINAL CONDITION AFTER CONSTRUCTION.

THE MINIMUM ALLOWABLE COVER FOR CMP SHALL B STANDARD DETAIL NUMBER 1030D FOR CONCRETE A THE MINIMUM ALLOWABLE COVER FOR HDPE SHALL STANDARD DETAIL NUMBER 1030P FOR THERMOPLA THE TEMPORARY CONTAINMENT POND/SEDIMENT T

EXPOSED 30-MIL TEXTURED LLDPE GEOMEMBRANE EQUIVALENT ANCHORED AT THE CREST OF THE BER BENEATH THE GEOMEMBRANE SHALL BE FIRM, SMOO UNIFORM AND FREE FROM ROCKS, ORGANIC MATTER OR OTHER DEBRIS. THE SURFACE ON WHICH THE GI INSTALLED SHALL CONTAIN NO LOOSE STONES OR R GREATER THAN 1/2-INCH. THE ANCHOR TRENCH SHA BACKFILLED WITH LOW PERMEABILITY BACKFILL AND CONSTRUCTION EQUIPMENT (E.G., THROUGH TRACK OR COMPACTION EQUIPMENT IN 9-IN MAXIMUM LOOS DENSITY USING STANDARD PROCTOR TEST. THE EX BE HELD DOWN BY ULTRAVIOLET RESISTANT SANDB THE SANDBAGS SHALL BE PLACED IN A 20-FT X 20-FT FLOOR OF THE POND AND AT THE TOE, MID-SLOPE, A SLOPES AND TIED TOGETHER WITH ULTRAVIOLET RE SHALL BE LINED WITH AN ADDITIONAL 8-OZ NON-WOV THICK NO. 4 STONE OR SIMILAR. THE GEOMEMBRANE DAMAGE AND TEARS DURING REGULAR SITE INSPEC
 NEEDED AS SOON AS PRACTICAL.

 GENERAL CONSTRUCTION NOTES:

- 8. SURVEYS SHALL BE COMPLETED BY A LAND SURVEY OF GEORGIA FOR PURPOSES OF DEFINING THE REM OF REMOVAL. IN ADDITION, PHOTOGRAPHIC DOCUME THE EXTENT OF REMOVAL ACTION WILL BE COMPLET CONSULTANT WORKING FOR THE OWNER. A TOTAL COMPLETED: (I) ONE SURVEY PRIOR TO CCR AND 6-IN NATIVE SOIL REMOVAL, (II) ANOTHER SURVEY FOLLO THIRD SURVEY FOLLOWING REMOVAL OF 6-INCHES (AND (IV) A FINAL SURVEY UPON COMPLETION OF SITE
- 9. CONSTRUCTION VEHICLES SHALL ENTER AND EXIT 1 CONSTRUCTION EXITS. TRUCKS SHALL BE PROPERLY AND INSPECTION) PRIOR TO LEAVING THE SITE.
- 10. CONTRACTOR SHALL MITIGATE DUST AS DIRECTED E MANAGER AND IN ACCORDANCE WITH THE FUGITIVE BY CCPC, DATED SEPTEMBER 2016, AND ANY SUBSEC
- PLAN. 11. LIMITS OF DISTURBANCE DEFINES THE EXTENTS OF T AND NO CONSTRUCTION RELATED TASKS SHALL OCC LIMITS OF DISTURBANCE AND SILT FENCE ARE SHOW PURPOSES ONLY.
- 12. CONTRACTOR SHALL MANUALLY EXCAVATE MATERIA OF THE POWER POLE AND GUY WIRES TO PROTECT STRUCTURES. IF EXCAVATION EXCEEDS DEPTH OF STOP EXCAVATION AND NOTIFY THE CONSTRUCTION

ASH REMOVAL PHASE SEQUENCING

*DURING THIS PHASE, NO CONTACT WATER / STORMWAT SECONDARY ASH AREA 2 ARE PERMITTED. STORMWATE AREAS SHALL BE CONTAINED WITHIN THE TEMPORARY C TRAP AND PUMPED TO THE WWTS. CONTRACTOR SHALL

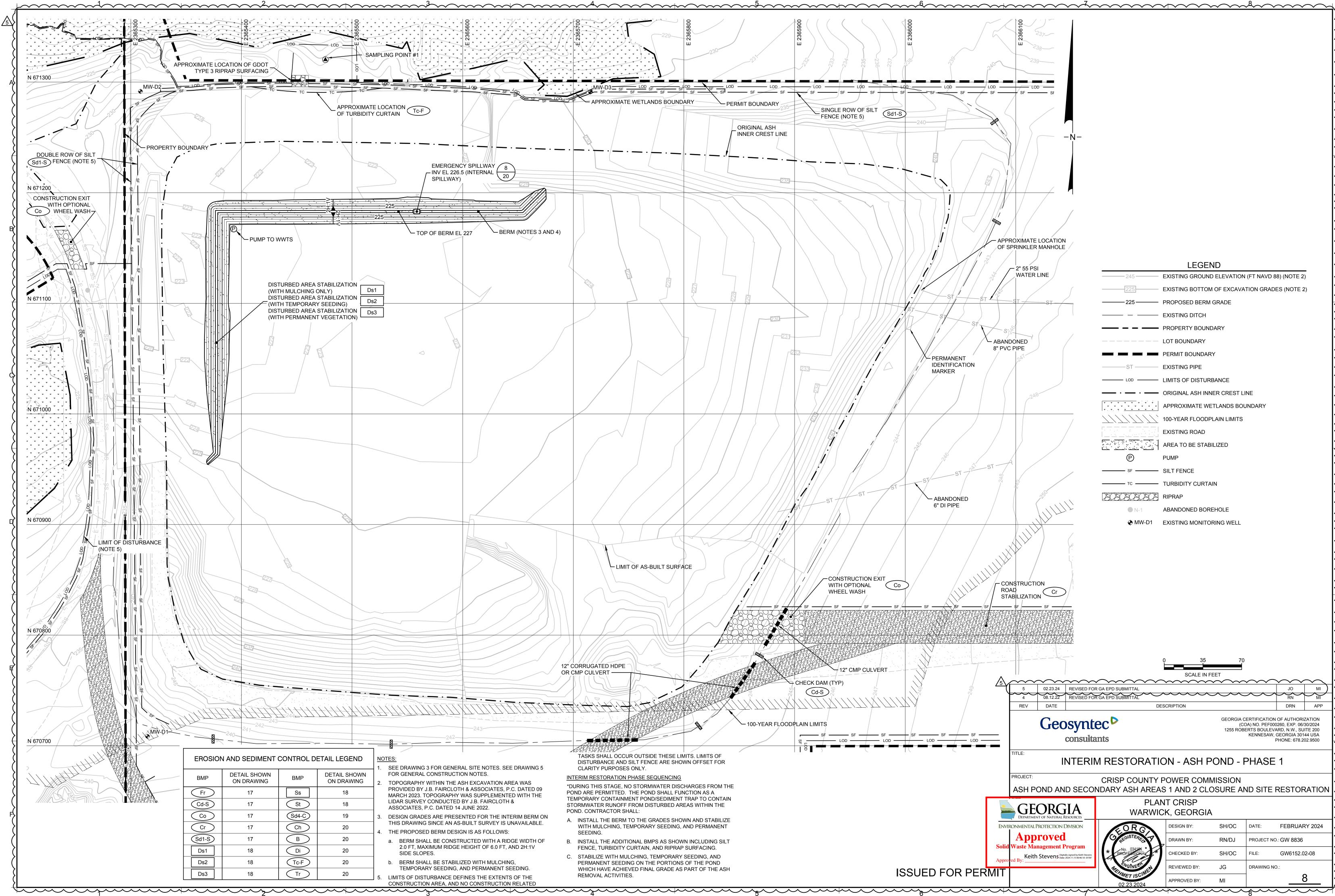
- A. INSTALL CONSTRUCTION EXIT AND CONSTRUCTION A TIRE WASH FACILITY IF SEDIMENT AND ASH TRACK AT THE CONSTRUCTION EXIT.
- B. INSTALL SILT FENCE AND TREE PROTECTION AS SHO INSTALL DIVERSIONS WITH CHECK DAMS AND TEMPO POND/SEDIMENT TRAP WITH AN EMERGENCY SPILLW STABILIZE DIVERSIONS AND BERM WITH MULCHING, PERMANENT SEEDING.
- D. EXCAVATE AND REMOVE CCR MATERIAL, GENERALL HIGHER ELEVATION AREAS. CONTINUE EXCAVATION ELEVATIONS.

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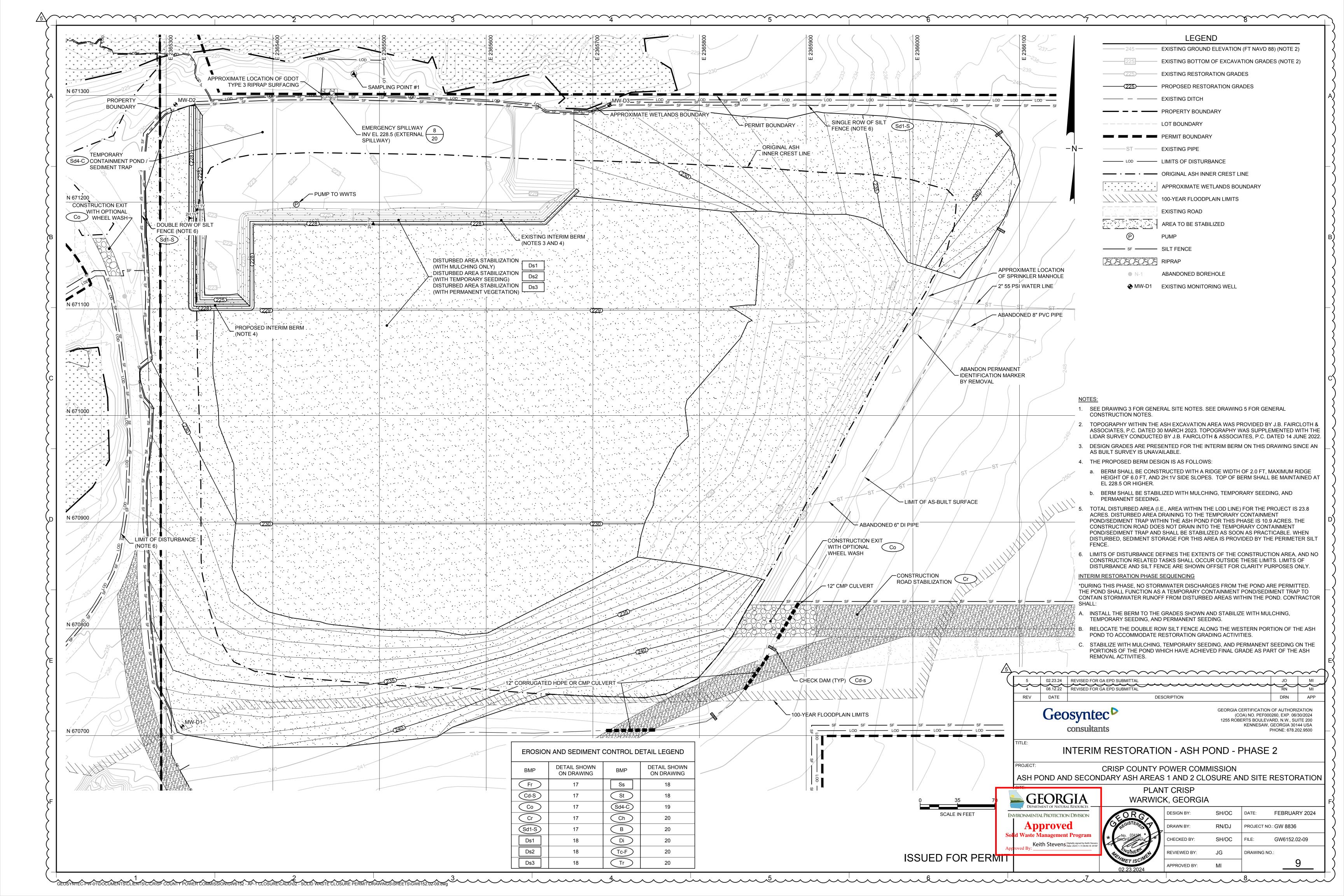
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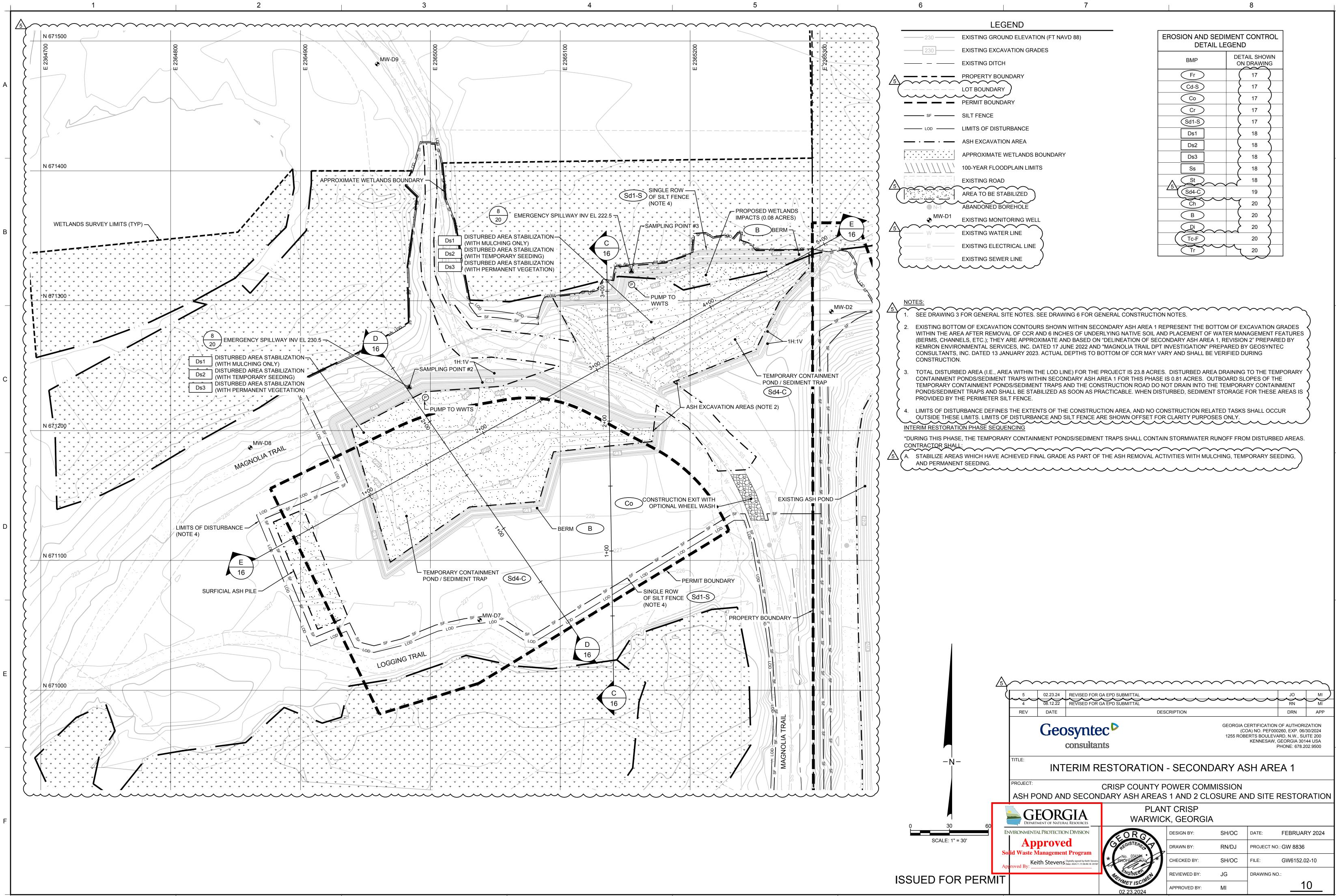
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MATERIAL REMOVAL WITHIN	230 — EXISTING GROUND ELEVATION (FT NAVD 88)	
ATION AREA THE CONTRACTOR	230 PROPOSED EXCAVATION GRADES (NOTE 3)	
AN APPROXIMATE VOLUME OF	EXISTING DITCH	
ED ON BOTTOM OF CCR AND		
RAPHIC SURVEYS CONDUCTED 024.		А
AREA REPRESENT SURFACE		
RLYING NATIVE SOIL AND (BERMS, CHANNELS, ETC.); THEY	SILT FENCE	
ORMATION. ACTUAL DEPTHS TO	LOD LOD LIMITS OF DISTURBANCE	
VED.		
AREA 2 FOR OFF-SITE DISPOSAL 9 BY PASSING PAINT FILTER	APPROXIMATE WETLANDS BOUNDARY	
ING, DISCING) OF REMOVED CCR RY THE MATERIAL SUFFICIENTLY	100-YEAR FLOODPLAIN LIMITS	<u> </u>
R OTHER DEWATERING-ACTIVITY WILL BE CONVEYED TO	EXISTING ROAD	
P AND PUMPED TO WWTS FOR AIN AS STANDING WATER WITHIN	AREA TO BE STABILIZED	
TURAL EVAPORATION, TO THE RICT WORK ACTIVITIES, OR	ABANDONED BOREHOLE	
IS OR WORK DISRUPTIONS, THE	♦ ^{MW-D1} EXISTING MONITORING WELL	
CONTRACTOR IN ACCORDANCE	P PUMP (NOTE 4)	
AS CONTRACTOR'S FACILITIES, AND TRAILER AREA SHALL BE	EXISTING POWER POLE	В
STRUCTION MANAGER. ALL AREAS DURING	OHE EXISTING OVERHEAD POWER LINE	
ALL AREAS DURING I OF ALL SUCH AREAS TO THEIR	TREELINE	
BE 1.0 FT BASED ON GDOT		
E AND METAL PIPE CULVERTS.		
ASTIC PIPE.		
TRAP SHALL BE LINED WITH	-	
ERMS. THE SUBGRADE SURFACE		
OOTH, UNYIELDING, AND ER, DELETERIOUS MATERIALS,		
GEOMEMBRANE IS TO BE		
HALL BE 2-FT X 2-FT AND		
CKING, BUCKET TAMPING, ETC.)		С
EXPOSED GEOMEMBRANE SHALI)	EROSION AND SEDIMENT CONTROL DETAIL LEGEND	
BAGS WEIGHING 40 LBS EACH.	DETAIL SHOWN	
, AND CREST OF THE SIDE RESISTANT ROPES. THE SUMP	BMP ON DRAWING	
OVEN GEOTEXTILE AND 1-FT	Fr         17	
ECTIONS AND REPAIRED AS	Cd-S 17	
	$\begin{array}{c c} Co \\ \hline Cr \\ \hline \end{array}$	-
EYOR REGISTERED IN THE STATE		
MENTATION AND DOCUMENTING ETED BY A THIRD PARTY CQA	Ds1 18 (	
OF FOUR SURVEYS SHALL BE	Ds2 18	
S-INCHES OF UNDERLYING LOWING REMOVAL OF CCR, (III) A	Ds3 $18$ $-N-$	
S OF UNDERLYING NATIVE SOIL, ITE RESTORATION.	Ss 18	
THE SITE VIA THE	5 St 18	D
RLY CLEANED (E.G., TIRE WASH	Sd4-C 19	
D BY THE CONSTRUCTION /E DUST CONTROL PLAN ISSUED	Ch $20$ $20$	
EQUENT AMENDMENT OF THE	$\begin{array}{c c} B \\ \hline Di \\ \hline Di \\ \hline \end{array}$	
F THE CONSTRUCTION AREA,	$\begin{array}{c c} & & & & \\ \hline \\ \hline$	
CCUR OUTSIDE THESE LIMITS.	) SCALE: 1" = 50'	
RIAL WITHIN A 15-FOOT RADIUS T THE OVERHEAD POWERLINE		
F 1.5 FEET, CONTRACTOR SHALL ON MANAGER.		
ATER DISCHARGES FROM WITHIN FER RUNOFF FROM DISTURBED		
CONTAINMENT POND/SEDIMENT	$\wedge$	Е
N ROAD STABILIZATION. INSTALL	3         Jo         Jo         MI           5         02.23.24         REVISED FOR GA EPD SUBMITTAL         JO         MI	
CKING CANNOT BE ELIMINATED	5     02.23.24     REVISED FOR GA EPD SUBMITTAL     JO     MI       4     08.12.22     REVISED FOR GA EPD SUBMITTAL     RN     MI	
HOWN.	REV     DATE     DESCRIPTION     DRN     APP	
PÔRĂRŶ COŇTAIŇMEŇT 5 LWAY AT EL 241.5 FT NAVD 88.	GEORGIA CERTIFICATION OF AUTHORIZATION (COA) NO. PEF000260, EXP. 06/30/2024 1255 ROBERTS BOULEVARD, N.W., SUITE 200	
G, TEMPORARY SEEDING, AND	Consultants 1255 ROBERTS BOULEVARD, N.W., SUITE 200 KENNESAW, GEORGIA 30144 USA PHONE: 678.202.9500	
LY BEGINNING FROM THE	TITLE:	
ON MOVING TO LOWER	ASH REMOVAL PLAN - SECONDARY ASH AREA 2	
	CRISP COUNTY POWER COMMISSION ASH POND AND SECONDARY ASH AREAS 1 AND 2 CLOSURE AND SITE RESTORATION	
	DEPARTMENT OF NATURAL RESOURCES PLAINT CRISP WARWICK, GEORGIA	F
Envi	CONMENTAL PROTECTION DIVISION DESIGN BY: SH/OC DATE: FEBRUARY 2024	
C a R a	Approved Waste Management Program	
	Keith Stevens Digitally signed by Keith Stevens Reversed With Stevens Development of the PROFESSIONAL CHECKED BY: SH/OC FILE: GW6152.02-07	
	REAL REVIEWED BY IC DRAWING NO	
JED FOR PERMIT	APPROVED BY: MI	
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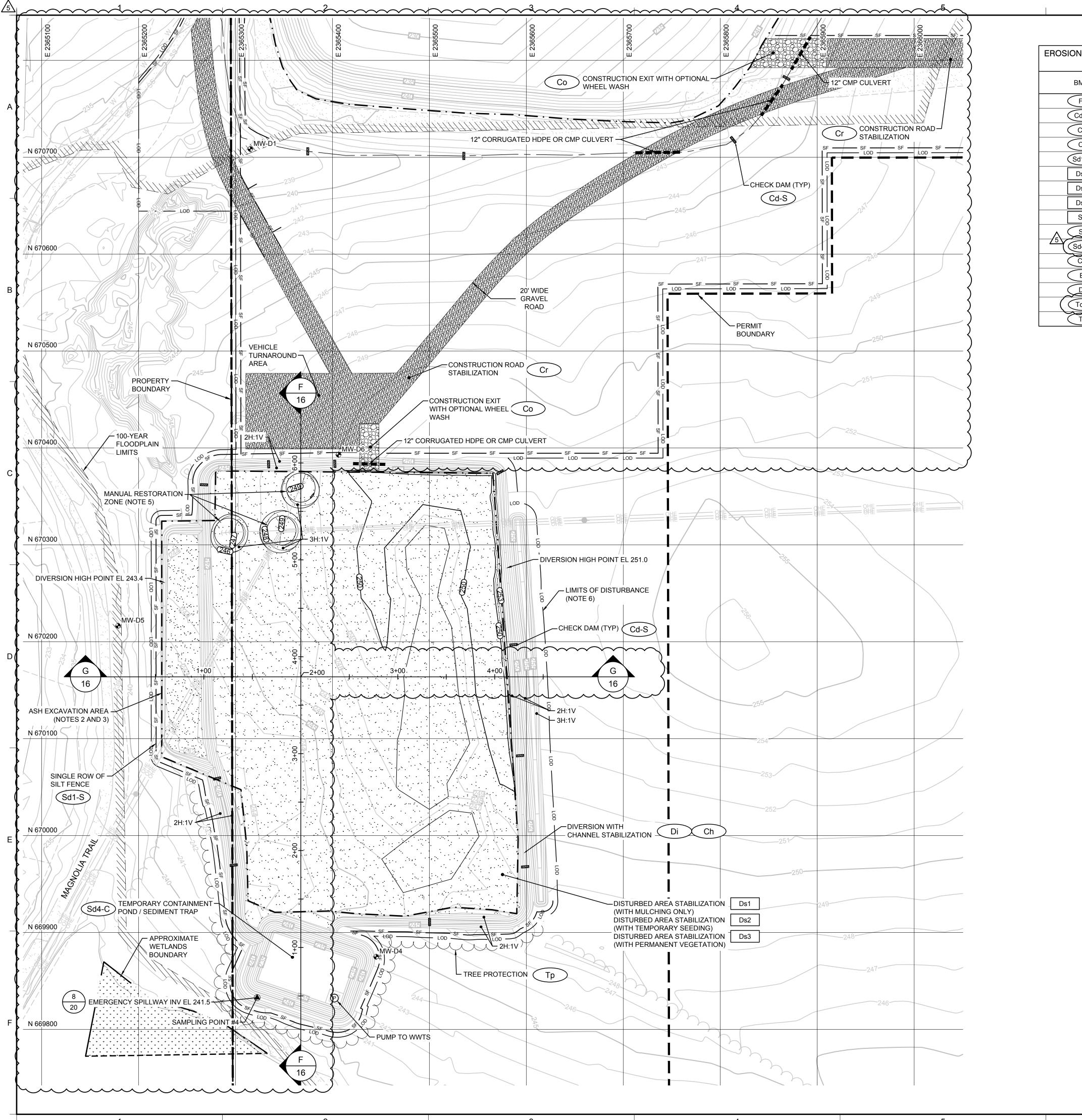


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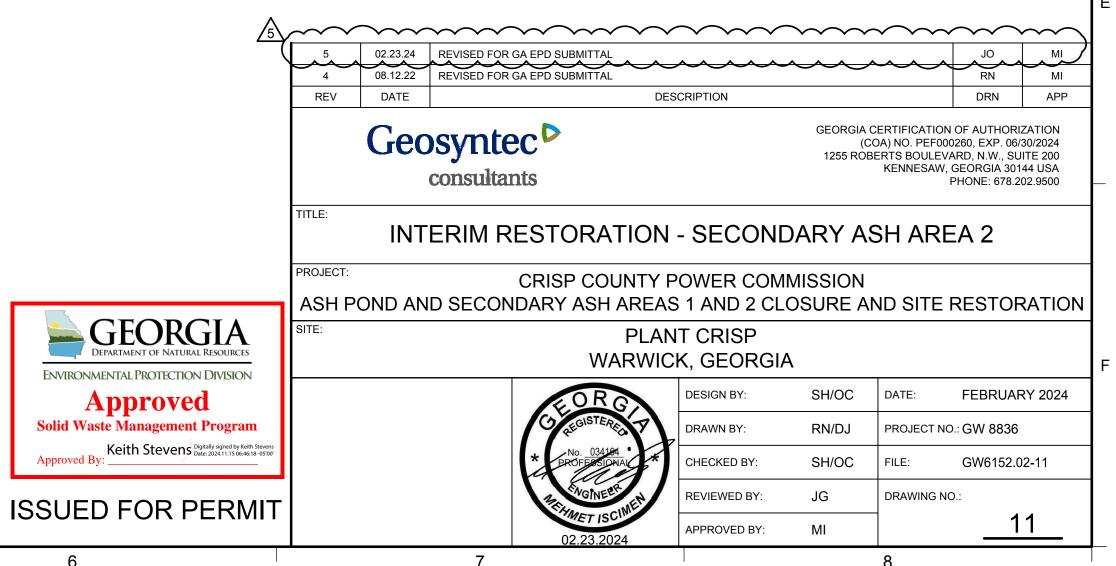


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000		EROSION AND SEDIMENT	CONTROL
230	EXISTING GROUND ELEVATION (FT NAVD 88) EXISTING EXCAVATION GRADES	DETAIL LEGENE	
200	EXISTING DITCH	I BMD I	AIL SHOWN
	PROPERTY BOUNDARY	Fr (	17
	LOT BOUNDARY	Cd-S	17
	PERMIT BOUNDARY		17
SF	SILT FENCE	Cr	
LOD	LIMITS OF DISTURBANCE	Sd1-S     Ds1	
· · <u> </u>	ASH EXCAVATION AREA	Ds2	
• • • • • • • • • • • • • • • • • • •	APPROXIMATE WETLANDS BOUNDARY	Ds3	18
	100-YEAR FLOODPLAIN LIMITS	Ss	18
		5 St	
	AREA TO BE STABILIZED	Ch Sd4-C	19 )
● N-1 ◆ MW-D1	ABANDONED BOREHOLE		20 20 20
		Di	20
W		Tc-F	20
E	EXISTING ELECTRICAL LINE	Tr	20
			_
ES:			
	FOR GENERAL SITE NOTES. SEE DRAWING 6 FOR GEI	VERAL CONSTRUCTION NOTES.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
WITHIN THE ARE (BERMS, CHANN KEMRON ENVIR	OM OF EXCAVATION CONTOURS SHOWN WITHIN SECC EA AFTER REMOVAL OF CCR AND 6 INCHES OF UNDER IELS, ETC.); THEY ARE APPROXIMATE AND BASED ON " ONMENTAL SERVICES, INC. DATED 17 JUNE 2022 AND ' INC. DATED 13 JANUARY 2023. ACTUAL DEPTHS TO BC I.	LYING NATIVE SOIL AND PLACEMENT OF WATER MAN DELINEATION OF SECONDARY ASH AREA 1, REVISIO MAGNOLIA TRAIL DPT INVESTIGATION" PREPARED B	NAGEMENT FEATURES N 2" PREPARED BY Y GEOSYNTEC
CONTAINMENT I TEMPORARY CO PONDS/SEDIMEI	ED AREA (I.E., AREA WITHIN THE LOD LINE) FOR THE P PONDS/SEDIMENT TRAPS WITHIN SECONDARY ASH AR INTAINMENT PONDS/SEDIMENT TRAPS AND THE CONS INT TRAPS AND SHALL BE STABILIZED AS SOON AS PRA HE PERIMETER SILT FENCE.	EA 1 FOR THIS PHASE IS 0.81 ACRES. OUTBOARD SI TRUCTION ROAD DO NOT DRAIN INTO THE TEMPORA	LOPES OF THE
OUTSIDE THESE	IRBANCE DEFINES THE EXTENTS OF THE CONSTRUCT E LIMITS. LIMITS OF DISTURBANCE AND SILT FENCE AR ON PHASE SEQUENCING		SHALL OCCUR
	E, THE TEMPORARY CONTAINMENT PONDS/SEDIMENT	TRAPS SHALL CONTAIN STORMWATER RUNOFF FRO	OM DISTURBED AREAS.
STABILIZE AREA	L: S WHICH HAVE ACHIEVED FINAL GRADE AS PART OF T	THE ASH REMOVAL ACTIVITIES WITH MULCHING, TEM	IPORARY SEEDING,
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	5 02.23.24 REVISED FOR G/	A EPD SUBMITTAL	
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	REV DATE	DESCRIPTION	
	Geosynte	C GEORGIA (C 1255 ROE	CERTIFICATION OF AUTHORIZATION COA) NO. PEF000260, EXP. 06/30/2024 BERTS BOULEVARD, N.W., SUITE 200
F	consultan	ts	KENNESAW, GEORGIA 30144 USA PHONE: 678.202.9500

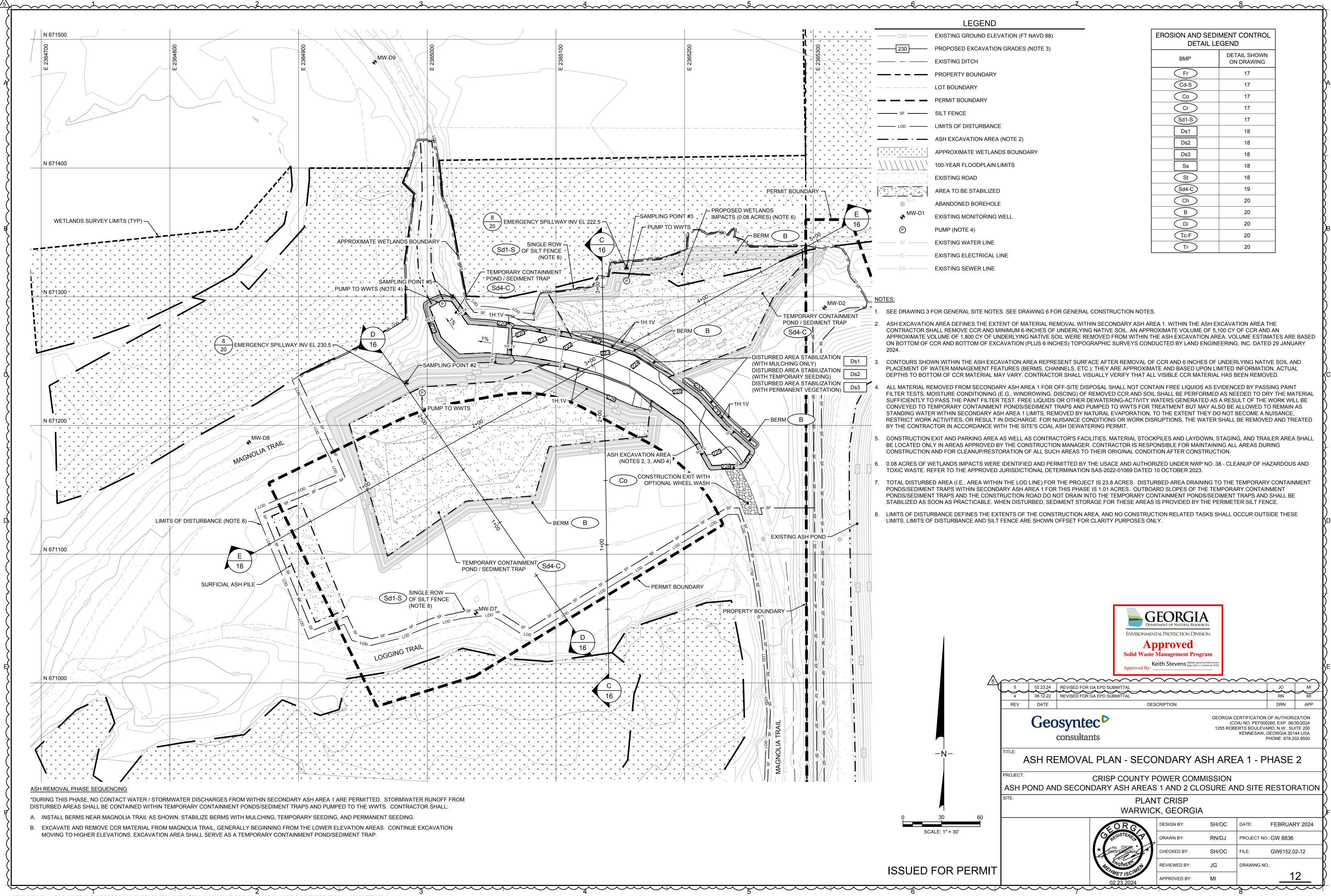


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Co CONSTRUCTION EXIT WITH OPTIONAL -		12" CMP CULVERT	<u>}</u> }
		<u>, 1111 x , 1111 x 111 / </u>	\mathbb{Z}
E OR CMP CULVERT		Cr CONSTRUCTION STABILIZATION	
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LIMITS OF DISTURBANCE			
LIMITS OF DISTURBANCE (NOTE 6)			
(NOTE 6)	1256		
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(NOTE 6) - CHECK DAM (TYP) Cd-S G 16 - 2H:1V - 3H:1V	255		
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(NOTE 6) CHECK DAM (TYP) Cd-S	253		
(NOTE 6) -CHECK DAM (TYP) Cd-S G 16 2H:1V 3H:1V DIVERSION WITH CHANNEL STABILIZATION DI Ch	253-		
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(NOTE 6) -CHECK DAM (TYP) G 16 16 2H:1V 3H:1V DISTURBED AREA STABILIZATION DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) DISTURBED AREA STABILIZATION	253- 252- 251- 250- N _ Ds1	249	
(NOTE 6) CHECK DAM (TYP) Cd-S G 16 16 2H:1V 3H:1V DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) DISTURBED AREA STABILIZATIO (WITH TEMPORARY SEEDING) DISTURBED AREA STABILIZATIO	253 252 252 251 251 250 250 250 0N Ds1 0N Ds2 0N Ds3	249	
(NOTE 6) -CHECK DAM (TYP) Cd-S G 16 16 2H:1V 3H:1V 5 DIVERSION WITH CHANNEL STABILIZATION DISTURBED AREA STABILIZATIO (WITH MULCHING ONLY) DISTURBED AREA STABILIZATIO (WITH TEMPORARY SEEDING)	253 252 252 251 251 250 250 250 0N Ds1 0N Ds2 0N Ds3		
(NOTE 6) CHECK DAM (TYP) Cd-S G 16 Cd-S Cd-	253 252 252 251 251 250 250 250 0N Ds1 0N Ds2 0N Ds3		
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(NOTE 6) CHECK DAM (TYP) Cd-S G G 16 2H:1V 3H:1V DIVERSION WITH CHANNEL STABILIZATION DISTURBED AREA STABILIZATIO (WITH MULCHING ONLY) DISTURBED AREA STABILIZATIO (WITH TEMPORARY SEEDING) DISTURBED AREA STABILIZATIO (WITH TEMPORARY SEEDING) DISTURBED AREA STABILIZATIO (WITH PERMANENT VEGETATIO	253 252 252 251 251 250 250 250 0N Ds1 0N Ds2 0N Ds3	248247	
(NOTE 6) CHECK DAM (TYP) Cd-S G G 16 2H:1V 3H:1V DIVERSION WITH CHANNEL STABILIZATION DISTURBED AREA STABILIZATIO (WITH MULCHING ONLY) DISTURBED AREA STABILIZATIO (WITH TEMPORARY SEEDING) DISTURBED AREA STABILIZATIO (WITH TEMPORARY SEEDING) DISTURBED AREA STABILIZATIO (WITH PERMANENT VEGETATIO	253 252 252 251 251 250 250 250 0N Ds1 0N Ds2 0N Ds3	248247	

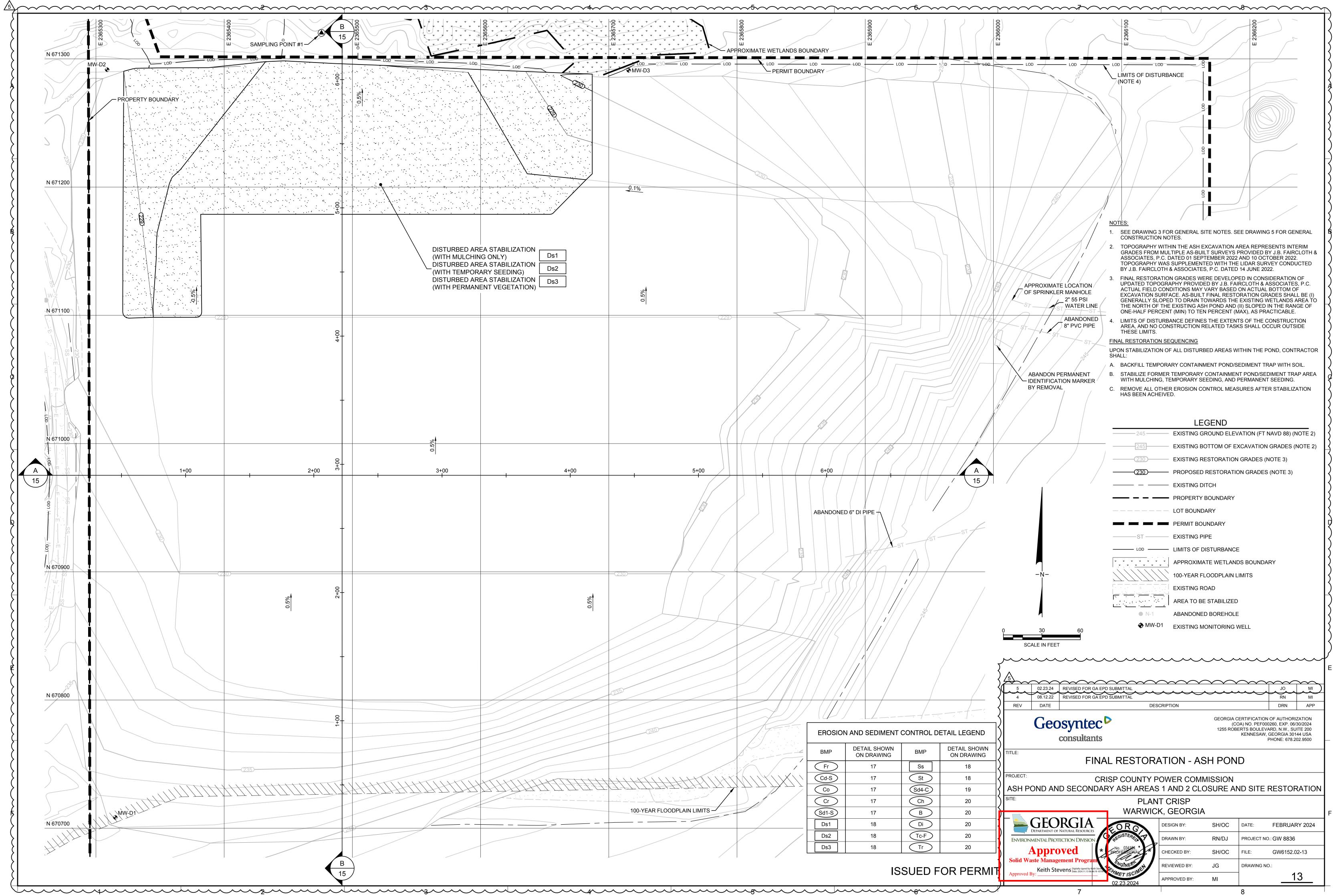
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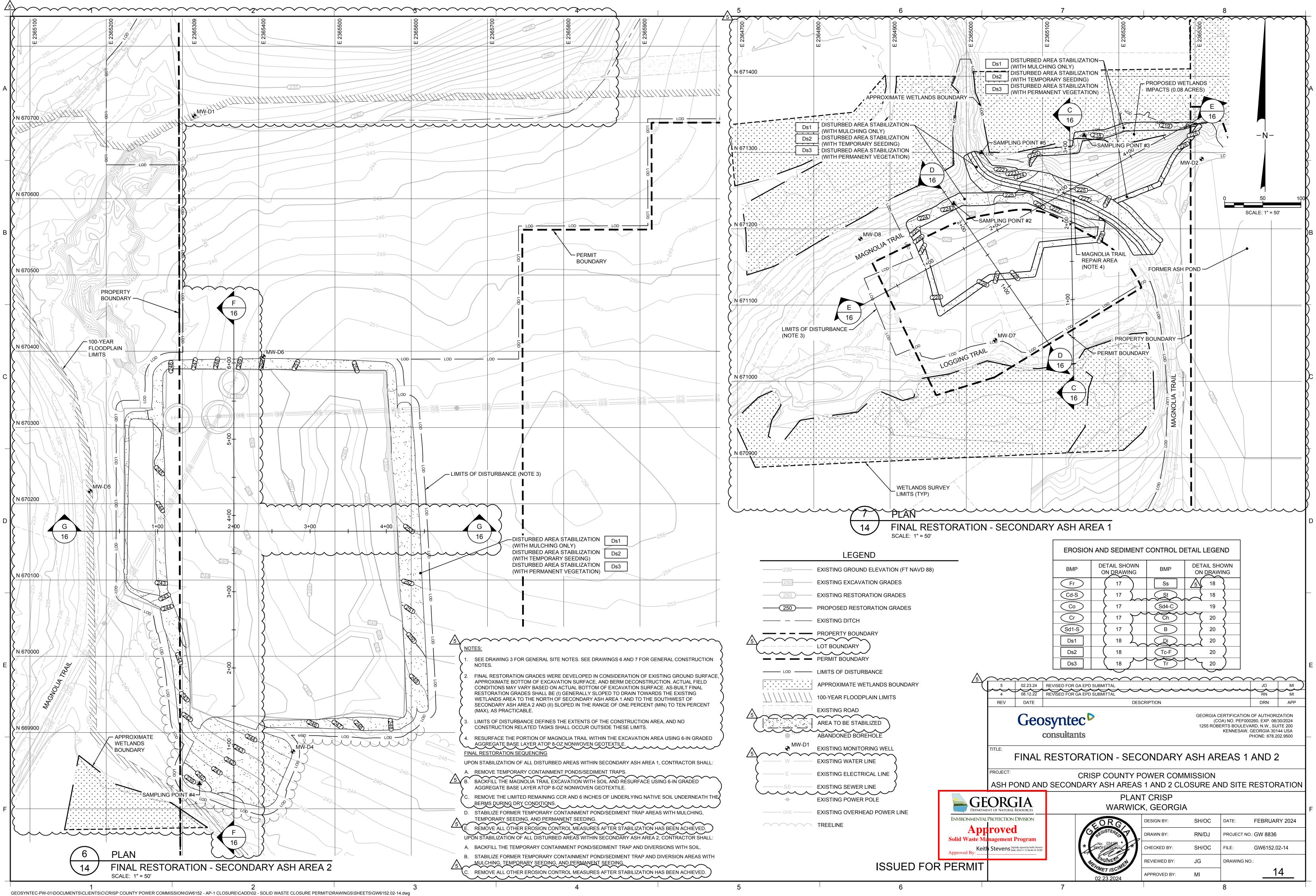
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	LEGEND	
CONTROL	230 EXISTING GROUND ELEVATION (FT NAVD 88)	
D	EXISTING EXCAVATION GRADES	
TAIL SHOWN N DRAWING		
17	PROPERTY BOUNDARY	A
17		
17		
17		
18		
		_
	APPROXIMATE WETLANDS BOUNDARY	
19	$\wedge \qquad \qquad$	
20	AREA TO BE STABILIZED SCALE: 1" = 50'	
20		
20	♦ ^{MW-D1} EXISTING MONITORING WELL	В
20	EXISTING POWER POLE	
20		
	TREELINE	
	∧ NOTES:	_
	1. SEE DRAWING 3 FOR GENERAL SITE NOTES. SEE DRAWING 7 FOR GENERAL	
	CONSTRUCTION NOTES.	
	2. EXISTING BOTTOM OF EXCAVATION CONTOURS SHOWN WITHIN SECONDARY ASH AREA 2 REPRESENT THE BOTTOM OF EXCAVATION GRADES WITHIN THE AREA AFTER REMOVAL OF	
	CCR AND 6 INCHES OF UNDERLYING NATIVE SOIL AND PLACEMENT OF WATER MANAGEMENT FEATURES (BERMS, CHANNELS, ETC.); THEY ARE APPROXIMATE AND BASED	
	(ON "DELINEATION OF SECONDARY ASH AREA 2 REVISION 3" PREPARED BY KEMBON)	С
	CCR MAY VARY AND SHALL BE VERIFIED DURING CONSTRUCTION.	
	3. FINAL RESTORATION GRADES WERE DEVELOPED IN CONSIDERATION OF EXISTING GROUND SURFACE, APPROXIMATE BOTTOM OF EXCAVATION SURFACE, AND BERM	
	DECONSTRUCTION. ACTUAL FIELD CONDITIONS MAY VARY BASED ON ACTUAL BOTTOM OF EXCAVATION SURFACE. AS-BUILT FINAL RESTORATION GRADES SHALL BE (I) GENERALLY	
	SLOPED IN THE RANGE OF ONE PERCENT (MIN) TO TEN PERCENT (MAX), AS PRACTICABLE.	
	4. TOTAL DISTURBED AREA (I.E., AREA WITHIN THE LOD LINE) FOR THE PROJECT IS 23.8	
	ACRES. DISTURBED AREA DRAINING TO THE TEMPORARY CONTAINMENT POND/SEDIMENT	—
	SLOPES OF THE TEMPORARY CONTAINMENT POND/SEDIMENT TRAP, THE STOCKPILE AREA, AND THE CONSTRUCTION ROADS DO NOT DRAIN INTO THE TEMPORARY CONTAINMENT	
	POND/SEDIMENT TRAP AND SHALL BE STABILIZED AS SOON AS PRACTICABLE. WHEN DISTURBED, SEDIMENT STORAGE FOR THESE AREAS IS PROVIDED BY THE PERIMETER SILT	
	FENCE.	
	 CONTRACTOR SHALL MANUALLY BACKFILL MATERIAL WITHIN 15-FOOT RADIUS OF THE POWER POLES AND GUY WIRES AS SOON AS REMOVAL OF CCR AND 6 INCHES OF 	
	UNDERLYING NATIVE SOILS HAS BEEN VERIFIED.	D
	6. LIMITS OF DISTURBANCE DEFINES THE EXTENTS OF THE CONSTRUCTION AREA, AND NO CONSTRUCTION RELATED TASKS SHALL OCCUR OUTSIDE THESE LIMITS. LIMITS OF	U
	DISTURBANCE AND SILT FENCE ARE SHOWN OFFSET FOR CLARITY PURPOSES ONLY.	
	*DURING THIS PHASE, THE TEMPORARY CONTAINMENT POND/SEDIMENT TRAP SHALL CONTAIN	
	5 STORMWATER RUNOFF FROM DISTURBED AREAS. CONTRACTOR SHALL:	
	A. STABILIZE AREAS WHICH HAVE ACHIEVED FINAL GRADE AS PART OF THE ASH REMOVAL ACTIVITIES WITH MULCHING, TEMPORARY SEEDING, AND PERMANENT SEEDING.	
		_

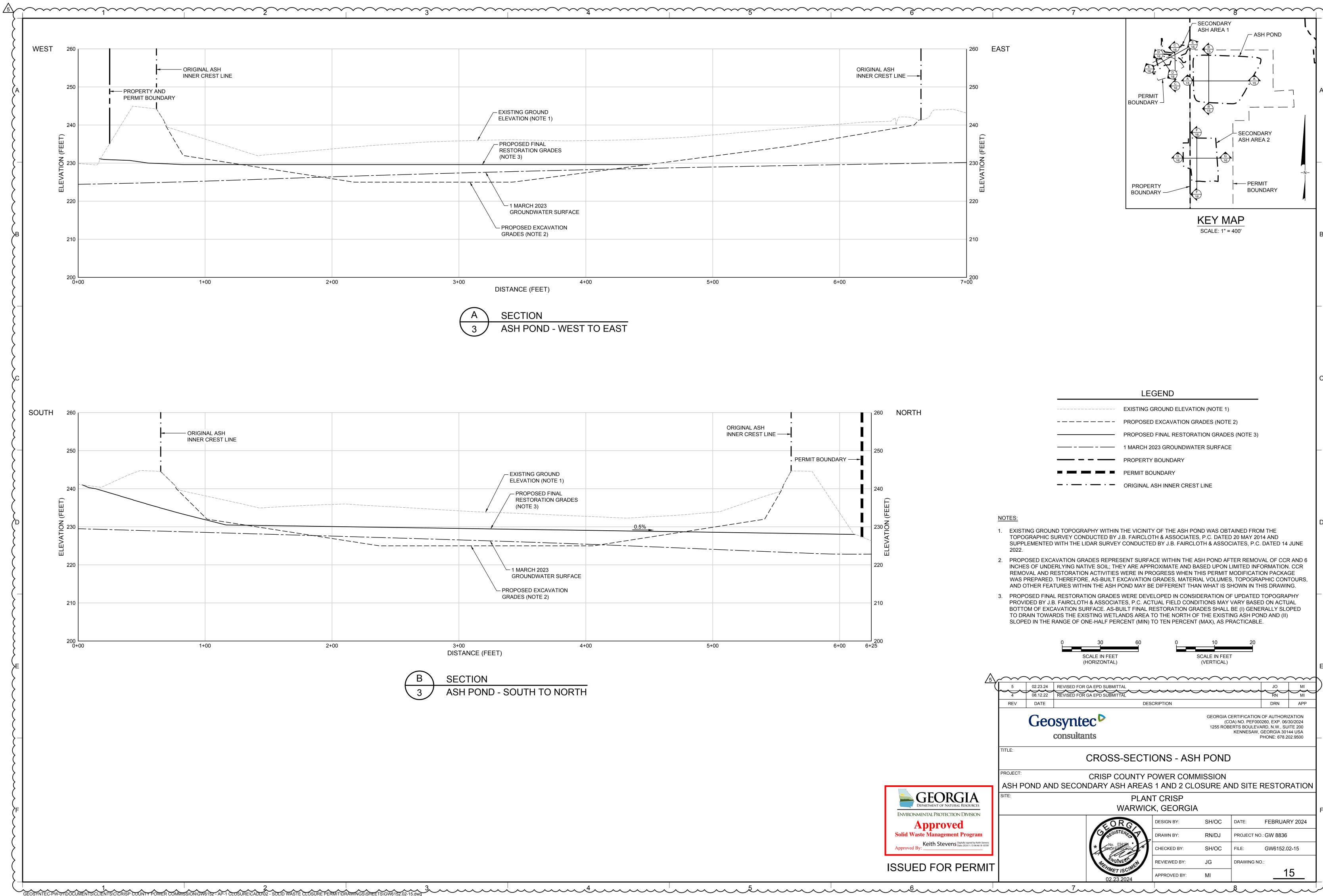


EXISTING GROUND ELEVATION (FT NAVD 88)		EROSION AND SEDIMENT CONTROL DETAIL LEGEND	
PROPOSED EXCAVATION GRADES (NOTE 3)		DETAIL SHOWN	
EXISTING DITCH	BMP	ON DRAWING	
PROPERTY BOUNDARY	Fr	17	
LOT BOUNDARY	Cd-S	17	
PERMIT BOUNDARY	Co	17	
SILT FENCE	Cr	17	
LIMITS OF DISTURBANCE	Sd1-S	17	
ASH EXCAVATION AREA (NOTE 2)	Ds1	18	
ASH EXCAVATION AREA (NOTE 2)	Ds2	18	
APPROXIMATE WETLANDS BOUNDARY	Ds3	18	
100-YEAR FLOODPLAIN LIMITS	Ss	18	
EXISTING ROAD	St	18	
AREA TO BE STABILIZED	Sd4-C	19	
ABANDONED BOREHOLE	Ch	20	
EXISTING MONITORING WELL	В	20	
	Di	20	
PUMP (NOTE 4)	Tc-F	20	
EXISTING WATER LINE	Tr	20	

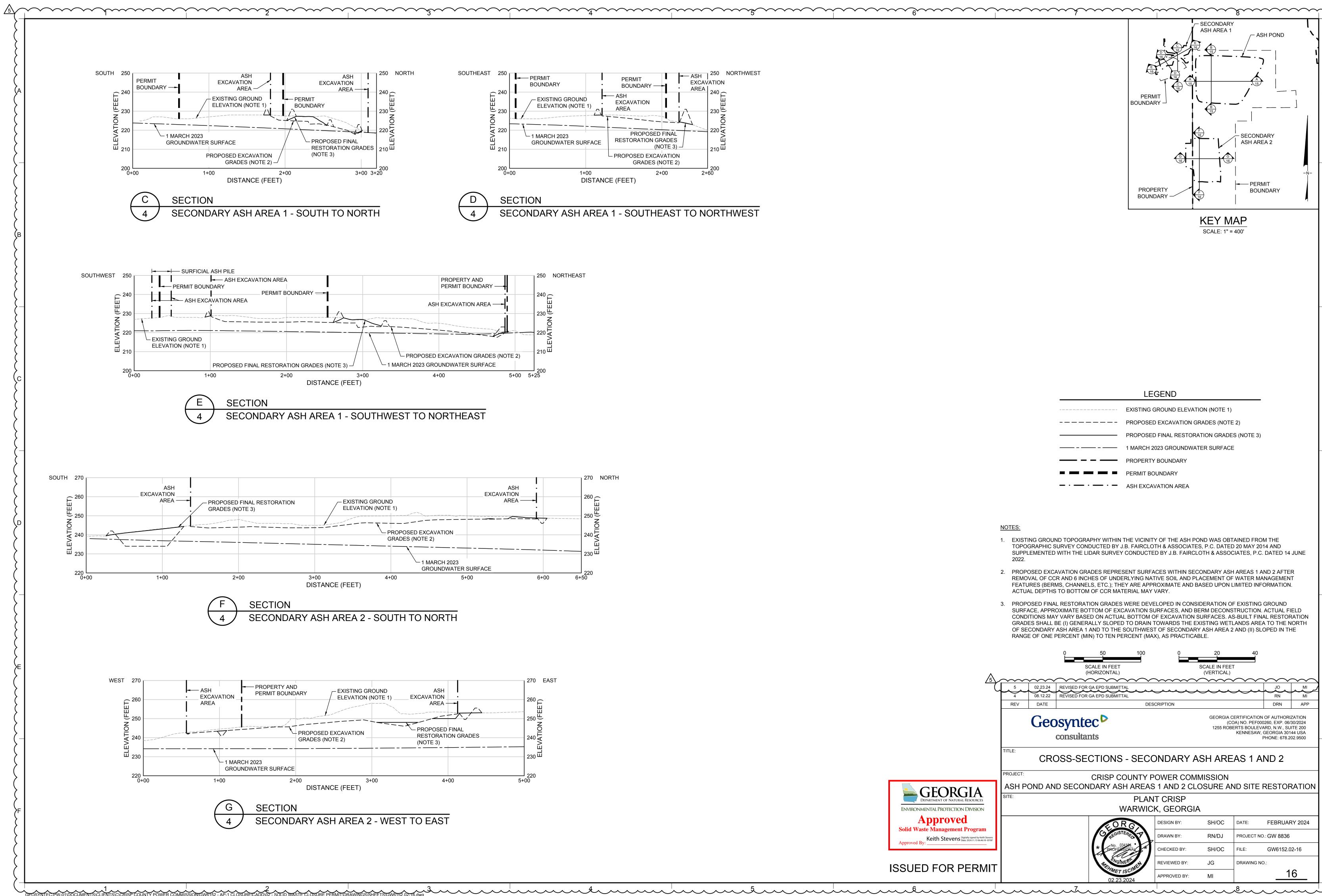


GEOSYNTEC-PW-01\DOCUMENTS\CLIENTS\C\CRISP COUNTY POWER COMMISSION\GW6152 - AP-1 CLOSURE\CADD\02 - SOLID WASTE CLOSURE PERMIT\DRAWINGS\SHEETS\GW6152.02-13.dwg

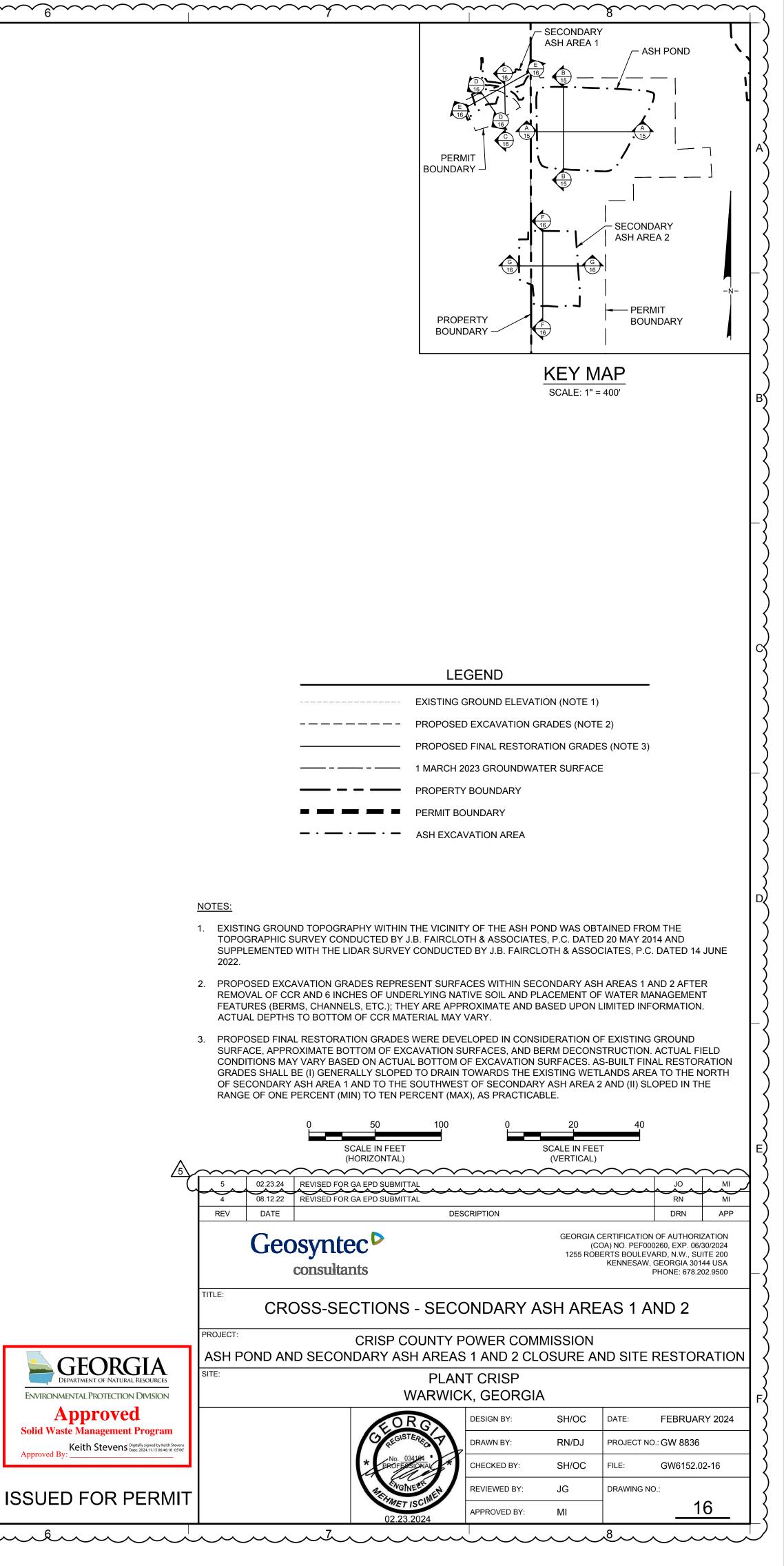


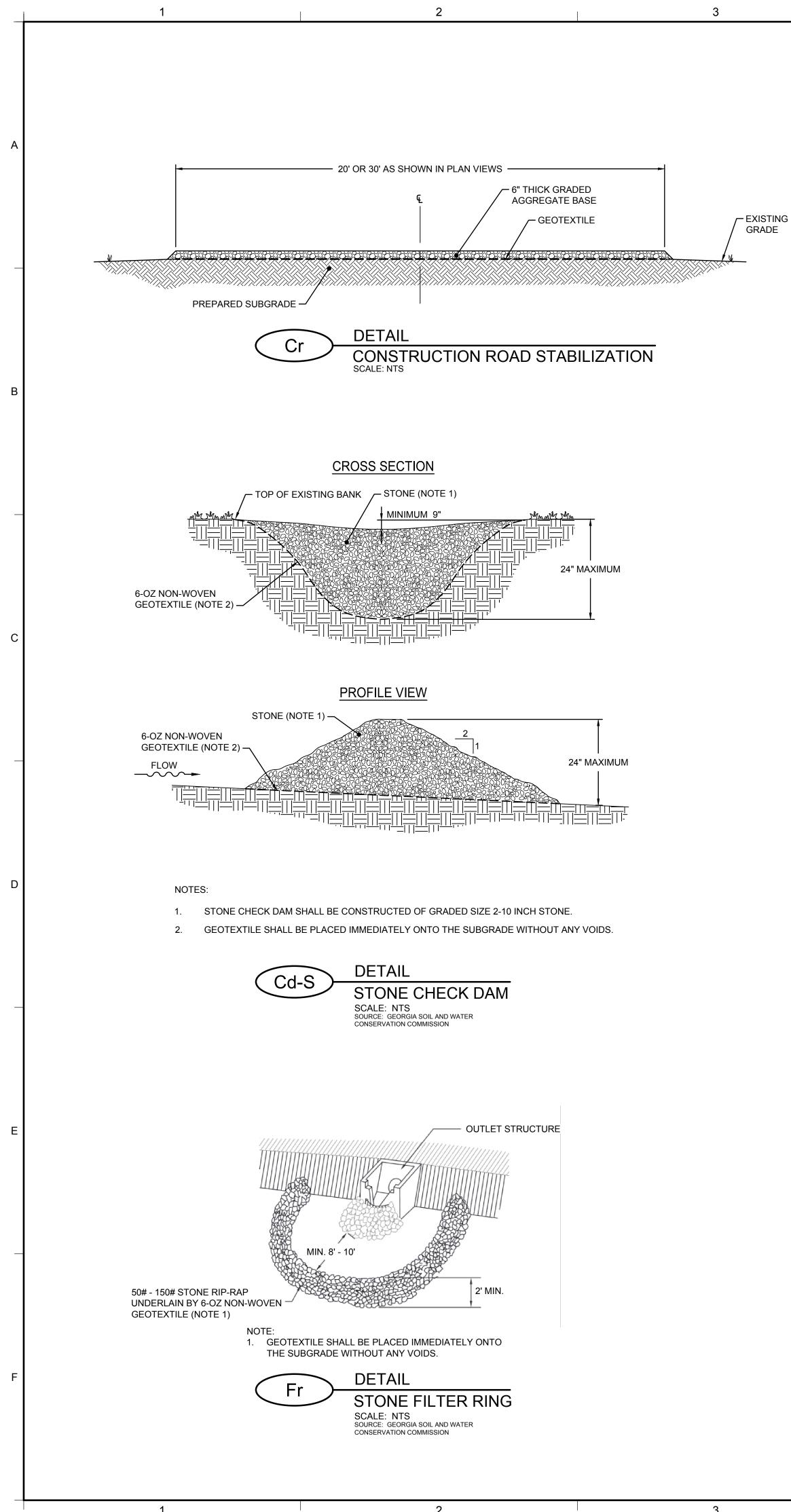


	LEGEND
	EXISTING GROUND ELEVATION (NOTE 1)
	PROPOSED EXCAVATION GRADES (NOTE 2)
	PROPOSED FINAL RESTORATION GRADES (NOTE 3)
	1 MARCH 2023 GROUNDWATER SURFACE
	PROPERTY BOUNDARY
	PERMIT BOUNDARY
_ · · · _	ORIGINAL ASH INNER CREST LINE









31° 50' 48" N

31° 50' 23" N

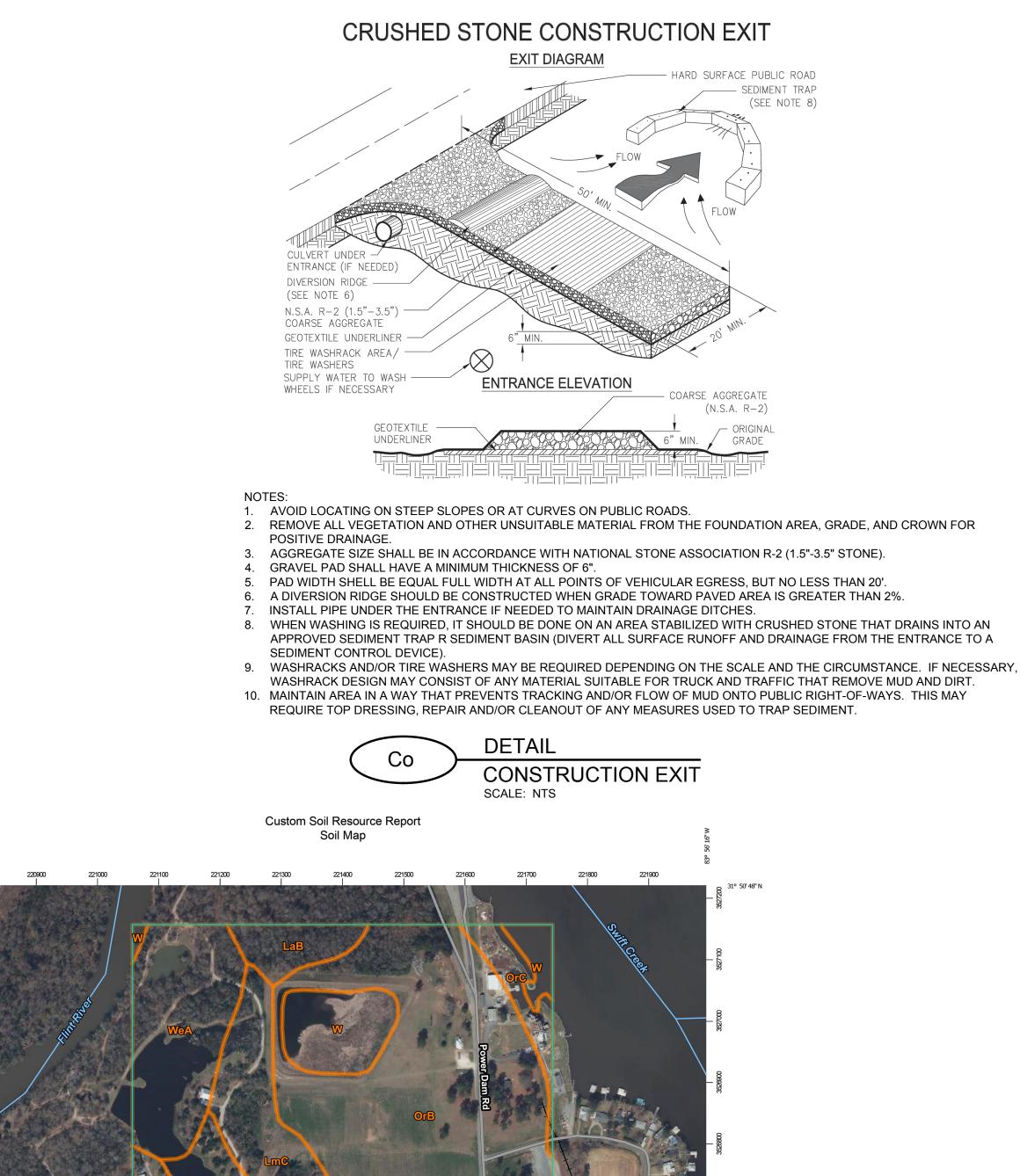
220800

220900

0 250

MAINTENANCE The exit shall be maintained in a condition that will prevent tracking or flow of mud onto public rights-of-way. This may require periodic top dressing with 1.5-3.5 inch stone, as conditions demand, and repair and/or cleanout of any structures to trap sediment. All materials spilled,

dropped, washed, or tracked from vehicles or site onto roadways or into storm drains must be removed immediately.



SOIL SURVEY MAP

221400

221500

SCALE: AS SHOWN	

MAP UNIT SYMBOL	MAP UNIT NAME
LAB	LAKELAND SAND, 0 TO 5 PERCENT SLOPES
LMB	LUCY LOAMY SAND, 0 TO 5 PERCENT SLOPES
LMC	LUCY LOAMY SAND, 5 TO 8 PERCENT SLOPES
ORB	ORANGEBURG LOAMY SAND, 2 TO 5 PERCENT SLOPES
ORC	ORANGEBURG LOAMY SAND, 5 TO 8 PERCENT SLOPES
PO	PELHAM LOAMY SAND, OCCASIONALLY FLOODED
WEA	WAHEE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
W	WATER

221100

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

221000

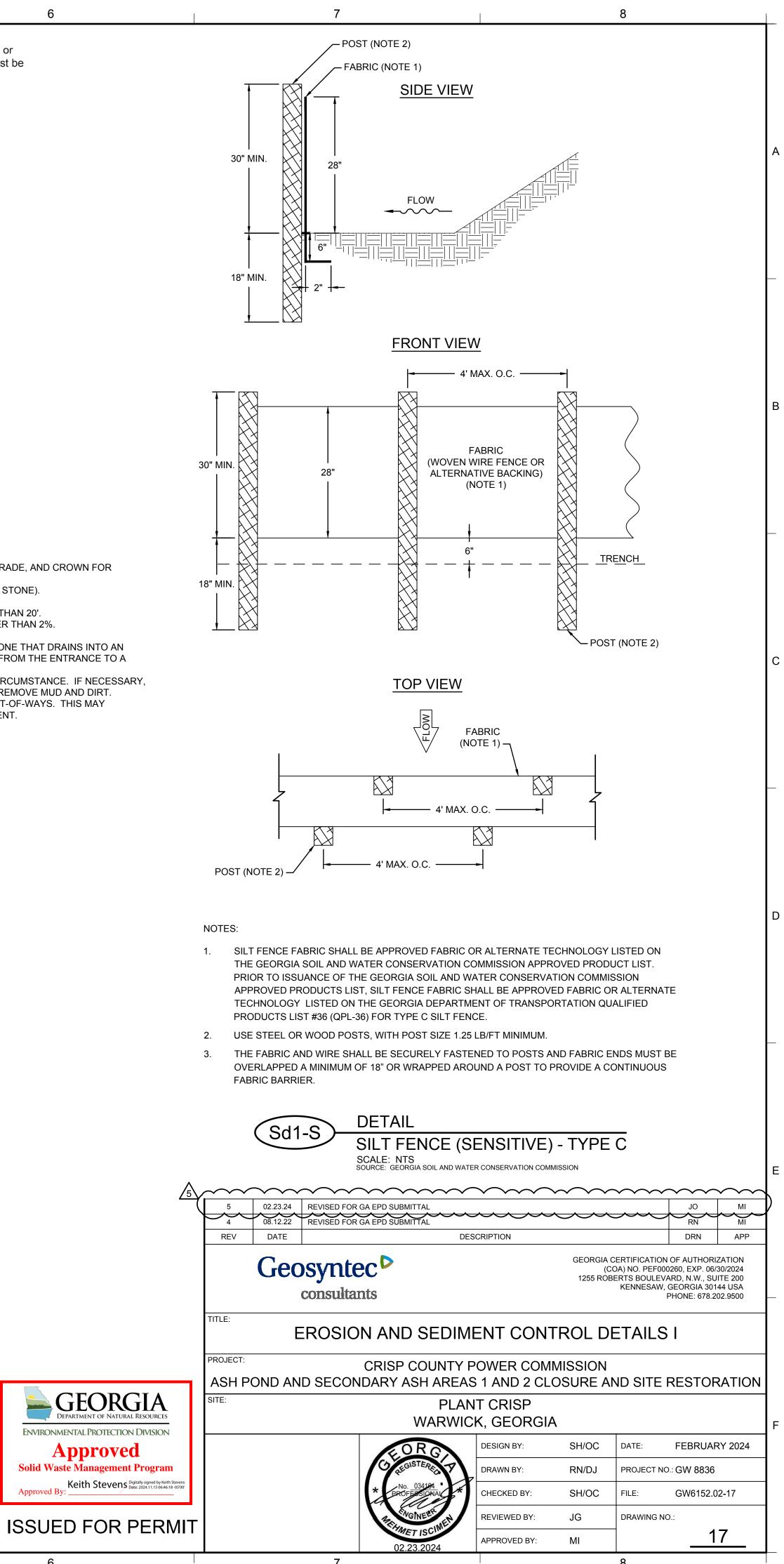
500

Map Scale: 1:5,420 if printed on A landscape (11" x 8.5") sheet.

221200

____ Mete 300

221300



31° 50' 23" N

221700

221800

221900

221600

						Species	Broa	adcast Rates
							Rate Per A	Pure Li (PLS) F Acre so
				R WITH A MULCH BLOW . WHEN SPREADING S		LESPEDEZA, ANNUAL Lespedeza striata		
	APPROXIMATEL BALES) IN EACH TO 2 TONS OF S	Y 1000 SQUARE FT SECTION TO FACI TRAW PER ACRE.	. AND PLACE 70-90 LITATE UNIFORM DI IN HYDROSEEDING	NTO SECTIONS OF POUNDS OF STRAW (1 STRIBUTION. THIS WIL OPERATIONS A GREE	L BE 1 1/2	alone in mixture	40 lbs 10 lbs	
	WHEN STRAW M	IULCH IS SUBJECT		AY BY WIND, IT MUST BI		LOVEGRASS, WEEPIN Eragrostis curvula	IG	
	ANCHORING TO STRAIGHT AND ENOUGH TO CU	OL OR A REGULAR ADDING WEIGHT TO T THE STRAW. DIS	FARM DISK, BY SE D THE DISK. THE D	I BE ANCHORED WITH A TTING THE DISK TO RU ISK SHOULD NOT BE SI Y NOT BE USED ON LAI	N HARP	alone in mixture	4 lbs 2 lbs	
	STEEP SLOPES.	Rate Per Ac	cre	Notes		MILLET, PEARL Pennesetum glaucum alone	50 lbs	s 1.1
	Straw with	(Per 1000		and or machine; anchor w	hen	alone	30 103	,
	Seed Straw Alone	(70 lbs-90 lbs) 2 ½-3 tons	subject to blo			RYEGRASS, ANNUAL		
	(no seed) Wood Chips	(115 lbs-160 lbs) 5-6 tons (225 lbs-270 lbs)				Lolium temulentum alone	40 lbs	s 0.9
	WOOD FIBER RE	FERS TO SHORT (ELLULOSE FIBERS	2 lbs. nitrogen/ton. APPLIED AS A SLURRY EEDER SLURRIES MAY				
		MULCH ON STEE		L AREAS, AND WHERE				
	Ds1			A STABILIZ			Ds2	<u>}</u>
		_	HING ONL	_	RHON			
						Species	Broadca	ast Rates
						Species	Broadca Rate Per Acre	ast Rates Pure Live Seed (PL Per 1000 s
						BERMUDA, COMMON	Rate Per	Pure Liv Seed (PL
						BERMUDA, COMMON Cynodon dactylon Hulled seed	Rate Per Acre	Pure Liv Seed (PL Per 1000 s
						BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials	Rate Per	Pure Liv Seed (PL
						BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon	Rate Per Acre	Pure Live Seed (PL Per 1000 s
						BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover	Rate Per Acre 10 lbs 6 lbs 10 lbs	Pure Liv Seed (PL Per 1000 s 0.2 lb 0.7 lb
						BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA	Rate Per Acre 10 lbs 6 lbs	Pure Liv Seed (PL Per 1000 s 0.2 lb 0.7 lb
		1	TILIZER REQU	ĺ	Ν	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC or	Rate Per Acre 10 lbs 6 lbs 10 lbs	Pure Liv Seed (PL Per 1000 s 0.2 lb 0.7 lb
	TYPE OF SPECIES	FER	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATE	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC	Rate Per Acre 10 lbs 6 lbs 10 lbs	Pure Liv Seed (PL Per 1000 s 0.2 lb 0.7 lb
		1	ANALYSIS OR EQUIVALENT	ĺ	TOP DRESSING	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata	Rate Per Acre 10 lbs 6 lbs 10 lbs	Pure Liv Seed (PL Per 1000 s 0.2 lb 0.7 lb
	Cool season grasses Cool season	YEAR First Second Maintenance First	ANALYSIS OR EQUIVALENT N-P-K 6-12-12 6-12-12 10-10-10 6-12-12	RATE 1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac. 1500 lbs./ac.	TOP DRESSING RATE 50-100 lbs./ac. 1/2/	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don)	Rate Per Acre 10 lbs 6 lbs 10 lbs 6 lbs	Pure Liv. Seed (PL Per 1000 s 0.2 lb 0.7 lb 0.2 lb 0.1 lb
2.	Cool season grasses Cool season grasses and legumes	YEAR First Second Maintenance First Second Maintenance	ANALYSIS OR EQUIVALENT N-P-K 6-12-12 6-12-12 10-10-10 6-12-12 0-10-10 0-10-10	RATE 1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac. 1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac.	TOP DRESSING RATE 50-100 lbs./ac. 1/2/ 30 0-50 lbs./ac. 1/ —	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don)	Rate Per Acre 10 lbs 6 lbs 10 lbs 6 lbs	Pure Liv. Seed (PL Per 1000 s 0.2 lb 0.7 lb 0.2 lb 0.1 lb
	. Cool season grasses . Cool season grasses and legumes	YEAR First Second Maintenance First Second	ANALYSIS OR EQUIVALENT N-P-K 6-12-12 6-12-12 10-10-10 6-12-12 0-10-10	RATE 1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac. 1500 lbs./ac. 1000 lbs./ac.	TOP DRESSING RATE 50-100 lbs./ac. 1/2/ 30 0-50 lbs./ac. 1/ —	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don) scarified	Rate Per Acre 10 lbs 6 lbs 10 lbs 6 lbs 6 lbs	Pure Liv. Seed (PL Per 1000 s 0.2 lb 0.7 lb 0.2 lb 0.1 lb 1.4 lb
2	2. Cool season grasses and	YEAR First Second Maintenance First Second Maintenance First Second	ANALYSIS OR EQUIVALENT N-P-K 6-12-12 6-12-12 10-10-10 6-12-12 0-10-10 0-10-10 10-10-10 10-10-10	RATE 1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac. 1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac. 1300 lbs./ac. 3/ 1300 lbs./ac. 3/	TOP DRESSING RATE 50-100 lbs./ac. 1/2/ 30 0-50 lbs./ac. 1/ —	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don) scarified LESPEDEZA Ambro virgata	Rate Per Acre 10 lbs 6 lbs 10 lbs 6 lbs 6 lbs	Pure Liv. Seed (PL Per 1000 s 0.2 lb 0.7 lb 0.2 lb 0.1 lb 1.4 lb
2 3	 Cool season grasses Cool season grasses and legumes Ground covers 	YEAR First Second Maintenance First Second Maintenance First Second Maintenance	ANALYSIS OR EQUIVALENT N-P-K 6-12-12 6-12-12 10-10-10 6-12-12 0-10-10 0-10-10 10-10-10 10-10-10 10-10-10 10-10-10	RATE 1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 1000 lbs./ac.	TOP DRESSING RATE 50-100 lbs./ac. 1/2/ 30 0-50 lbs./ac. 1/ —	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don) scarified LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza virgata DC or Appalow Lespedeza virgata DC or Appalow	Rate Per Acre 10 lbs 6 lbs 10 lbs 6 lbs 6 lbs	Pure Liv. Seed (PL Per 1000 s 0.2 lb 0.7 lb 0.2 lb 0.1 lb 1.4 lb
3	 Cool season grasses Cool season grasses and legumes Ground covers Pine seedlings 	YEAR First Second Maintenance First Second Maintenance First Second Maintenance First	ANALYSIS OR EQUIVALENT N-P-K 6-12-12 6-12-12 10-10-10 6-12-12 0-10-10 0-10-10 10-10-10 10-10-10 10-10-10 10-10-10 20-10-5 0-10-10	RATE 1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1300 lbs./ac. 1300 lbs./ac. 0ne 21-gram per seedling plating the closing here. 700 lbs./ac.	TOP DRESSING RATE 50-100 lbs./ac. 1/2/ 30 0-50 lbs./ac. 1/ —	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don) scarified LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don)	Rate Per Acre 10 lbs 6 lbs 10 lbs 6 lbs 6 lbs	Pure Liv. Seed (PL Per 1000 s 0.2 lb 0.7 lb 0.2 lb 0.1 lb 1.4 lb 1.7 lb
2 3 4 6	 Cool season grasses Cool season grasses and legumes Ground covers Pine seedlings Shrub Lespedeza Temporary cover crops 	YEAR First Second Maintenance First Second Maintenance First Second Maintenance First First Maintenance First First Maintenance First	ANALYSIS OR EQUIVALENT N-P-K 6-12-12 6-12-12 10-10-10 6-12-12 0-10-10 0-10-10 10-10-10 10-10-10 10-10-10 20-10-5 0-10-10 0-10-10 10-10-10 10-10-10 10-10-10	RATE 1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1300 lbs./ac. 1300 lbs./ac. 0ne 21-gram per seedling plating the closing the closing the closing the closing the closing the close. 700 lbs./ac. 700 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 800 lbs./ac.	TOP DRESSING RATE 50-100 lbs./ac. 1/2/ 30 0-50 lbs./ac. 1/ 30 lbs./ac. 5/ 50-100 lbs./ac. 2/6/ 50-100 lbs./ac. 2/	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don) scarified LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don) scarified unscarified	Rate Per Acre 10 lbs 6 lbs 10 lbs 6 lbs 6 lbs	Pure Liv. Seed (PL Per 1000 s 0.2 lb 0.7 lb 0.2 lb 0.1 lb 1.4 lb 1.7 lb
2 3 4 5 6 7	 Cool season grasses Cool season grasses and legumes Ground covers Ground covers Pine seedlings Shrub Lespedeza Shrub Lespedeza Temporary cover crops seeded alone Warm season grasses Warm season 	YEAR First Second Maintenance First Second Maintenance First Second Maintenance First First Maintenance First Second Maintenance First Second Maintenance First	ANALYSIS OR EQUIVALENT N-P-K 6-12-12 6-12-12 10-10-10 6-12-12 0-10-10 10-10-10 10-10-10 10-10-10 20-10-5 0-10-10 0-10-10 10-10-10 10-10-10 6-12-12 10-10-10 6-12-12	RATE 1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1300 lbs./ac. 1300 lbs./ac. 1300 lbs./ac. 1300 lbs./ac. 0ne 21-gram per seedling plating the closing for 100 lbs./ac. 700 lbs./ac. 700 lbs./ac. 500 lbs./ac. 1500 lbs./ac. 400 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 1500 lbs./ac.	TOP DRESSING RATE 50-100 lbs./ac. 1/2/ 30 0-50 lbs./ac. 1/ 30 lbs./ac. 5/ 50-100 lbs./ac. 2/6/	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don) scarified LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don) scarified	Rate Per Acre 10 lbs 6 lbs 10 lbs 6 lbs 10 lbs 6 lbs	Pure Liv. Seed (PL Per 1000 s 0.2 lb 0.7 lb 0.2 lb 0.1 lb 1.4 lb 1.7 lb
2 3 4 5 6 7	 Cool season grasses Cool season grasses and legumes Ground covers Ground covers Pine seedlings Shrub Lespedeza Shrub Lespedeza Temporary cover crops seeded alone Warm season grasses 	YEAR First Second Maintenance First Second Maintenance First Second Maintenance First First Maintenance First	ANALYSIS OR EQUIVALENT N-P-K 6-12-12 6-12-12 10-10-10 6-12-12 0-10-10 10-10-10 10-10-10 10-10-10 20-10-5 0-10-10 0-10-10 10-10-10 10-10-10 6-12-12 6-12-12 6-12-12 10-10-10	RATE 1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1300 lbs./ac. 1300 lbs./ac. 1300 lbs./ac. 0ne 21-gram per seedling plating the closing the closing the closing the closing the closing the closing the close. 700 lbs./ac. 700 lbs./ac. 500 lbs./ac. 1500 lbs./ac. 1500 lbs./ac. 400 lbs./ac. 1500 lbs./ac. 400 lbs./ac. 400 lbs./ac.	TOP DRESSING RATE 50-100 lbs./ac. 1/2/ 30 0-50 lbs./ac. 1/ 30 lbs./ac. 5/ 50-100 lbs./ac. 2/6/ 50-100 lbs./ac. 2/ 30 lbs./ac.	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don) scarified LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don) scarified unscarified unscarified LOVEGRASS, WEEPING Eragrostis curvula	Rate Per Acre 10 lbs 6 lbs 10 lbs 6 lbs 10 lbs 6 lbs 60 lbs 75 lbs 60 lbs	Pure Liv Seed (PL Per 1000 s 0.2 lb 0.7 lb 0.2 lb 0.1 lb 1.4 lb 1.7 lb 1.4 lb
2 3 4 5 6	 Cool season grasses Cool season grasses and legumes Ground covers Ground covers Pine seedlings Shrub Lespedeza Shrub Lespedeza Temporary cover crops seeded alone Warm season grasses Warm season grasses and 	YEAR First Second Maintenance First Second Maintenance First Second Maintenance First First Maintenance First Second Maintenance First Second Maintenance First Second Maintenance	ANALYSIS OR EQUIVALENT N-P-K 6-12-12 6-12-12 10-10-10 6-12-12 0-10-10 10-10-10 10-10-10 10-10-10 20-10-5 0-10-10 0-10-10 10-10-10 10-10-10 6-12-12 6-12-12 10-10-10 6-12-12 0-10-10 0-10-10	RATE 1500 lbs./ac. 1000 lbs./ac. 400 lbs./ac. 1500 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1000 lbs./ac. 1300 lbs./ac. 1300 lbs./ac. 0ne 21-gram per seedling platin the closing her seedling platin the closing her seedling platin the closing her seedling blatin the closing her seedling latin ther seedling l	TOP DRESSING RATE 50-100 lbs./ac. 1/2/ 30 0-50 lbs./ac. 1/ 30 lbs./ac. 5/ 50-100 lbs./ac. 2/6/ 50-100 lbs./ac. 2/ 30 lbs./ac.	BERMUDA, COMMON Cynodon dactylon Hulled seed alone with other perennials BERMUDA, COMMON Cynodon dactylon Unhulled seed with temporary cover with other perennials LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don) scarified LESPEDEZA Ambro virgata Lespedeza virgata DC or Appalow Lespedeza virgata DC or Appalow Lespedeza cuneata (Dumont) G. Don) scarified unscarified LOVEGRASS, WEEPING Eragrostis curvula alone	Rate Per Acre 10 lbs 6 lbs 10 lbs 6 lbs 10 lbs 6 lbs 6 lbs 10 lbs 6 lbs 6 lbs 6 lbs 60 lbs 60 lbs 75 lbs 4 lbs	Pure Liv. Seed (PL Per 1000 s 0.2 lb 0.7 lb 0.2 lb 0.1 lb 1.4 lb 1.7 lb 1.7 lb 0.1 lb

ates	Resource Area		Planting Dates by Resource Area										Remarks	
		Sol	Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates.											
re Live Seed .S) Per 1000 sqft		J	F	М	А	M	J	J	A	S	0	N	D	
0.9 lb 0.2 lb	M-L P C													200,000 seed per pound. May volunteer for sev- eral years. Use inoculant EL.
		101010												
0.1 lb 0.05 lb	M-L P C													1,500,000 seed per pound. May last for several years. Mix with Se <i>ricea lespedeza.</i>
1.1 lbs	M-L P C													88,000 seed per pound. Quick dense cover. May reach 5 feet in height. Not recommended for mixtures.
0.9 lb	M-L P C													227,000 seed per pound. Dense cover. Very com petitive and is <u>not</u> to be used in mixtures.

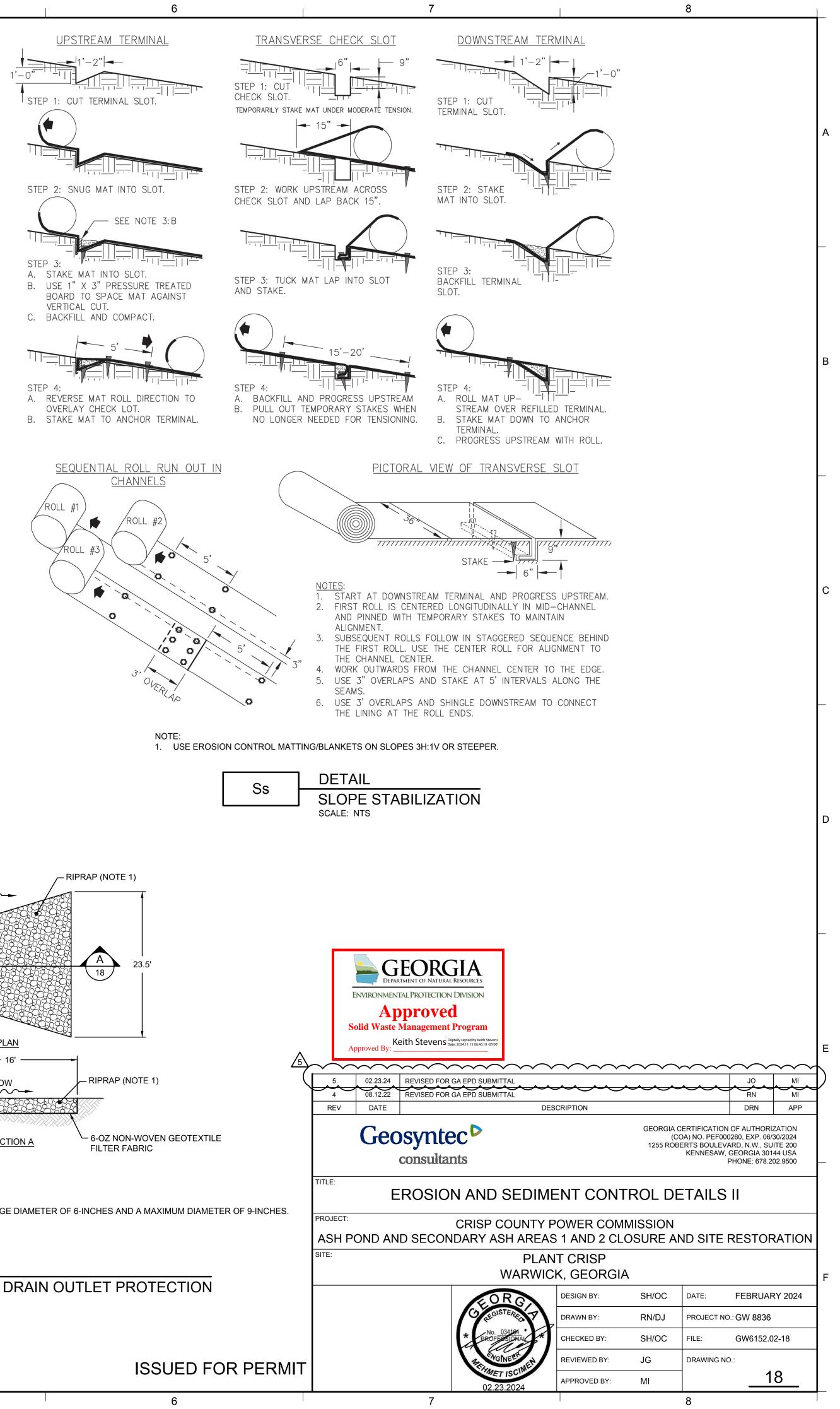
DETAIL

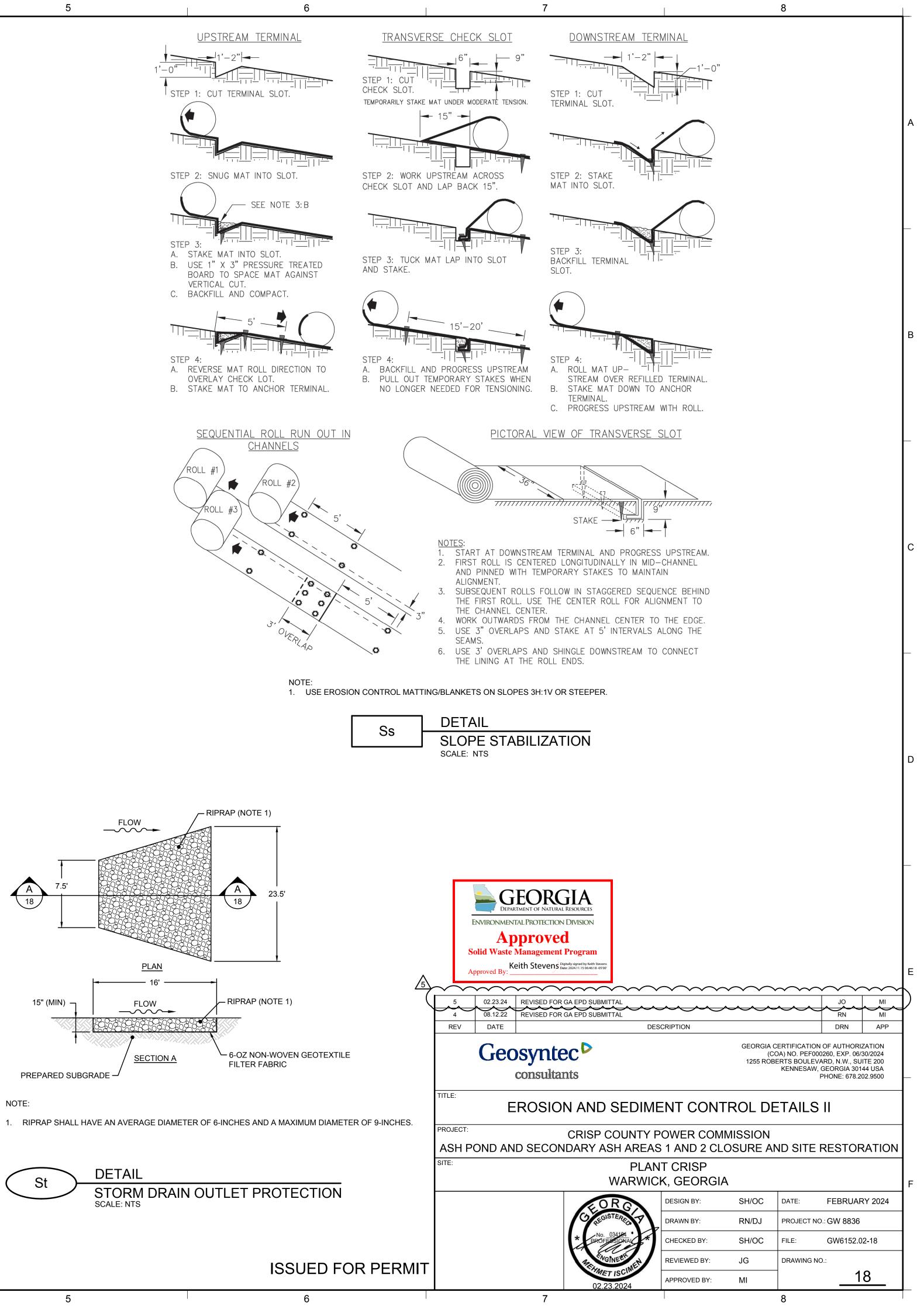
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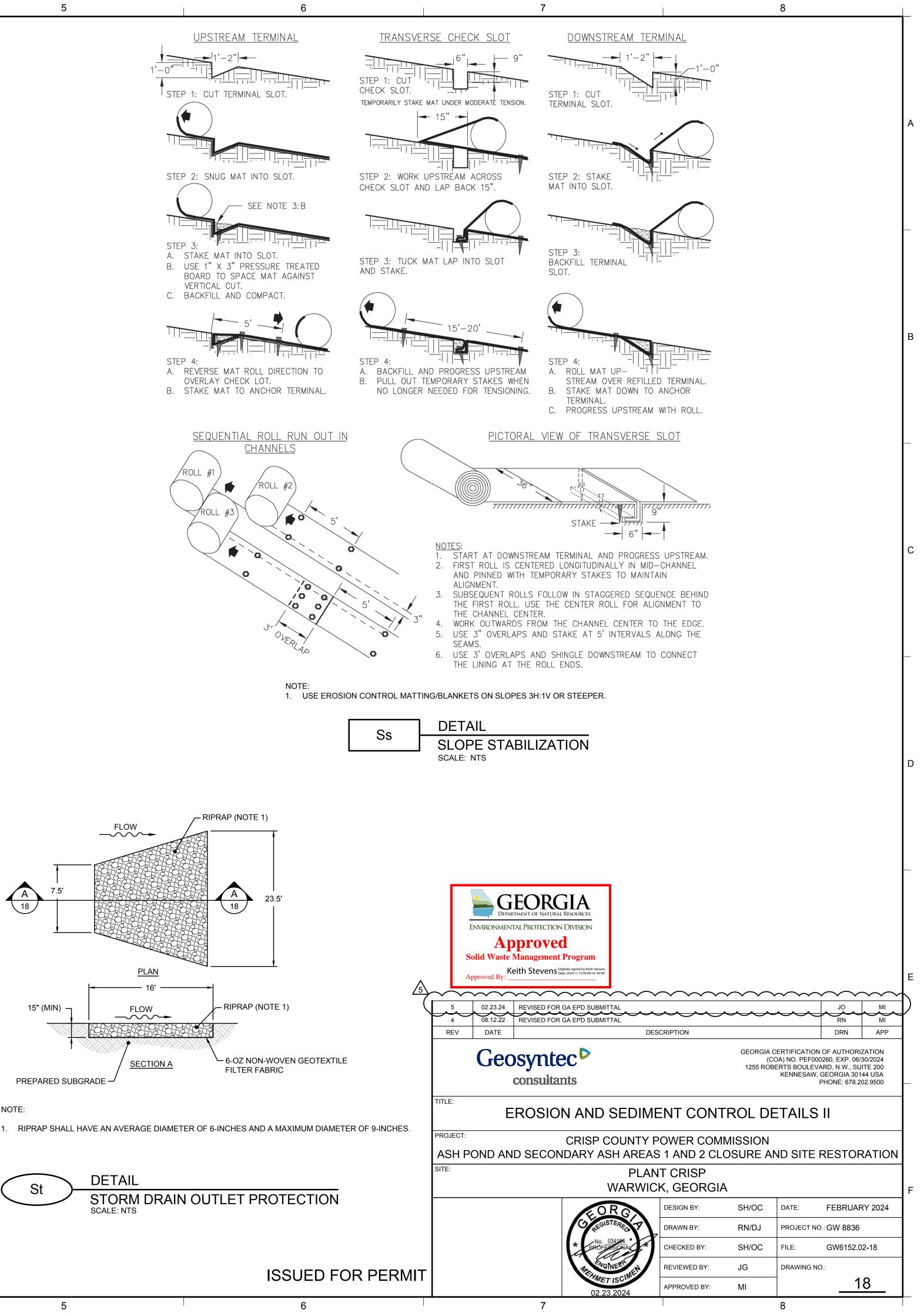
DISTURBED AREA STABILIZATION (TEMPORARY SEEDING)

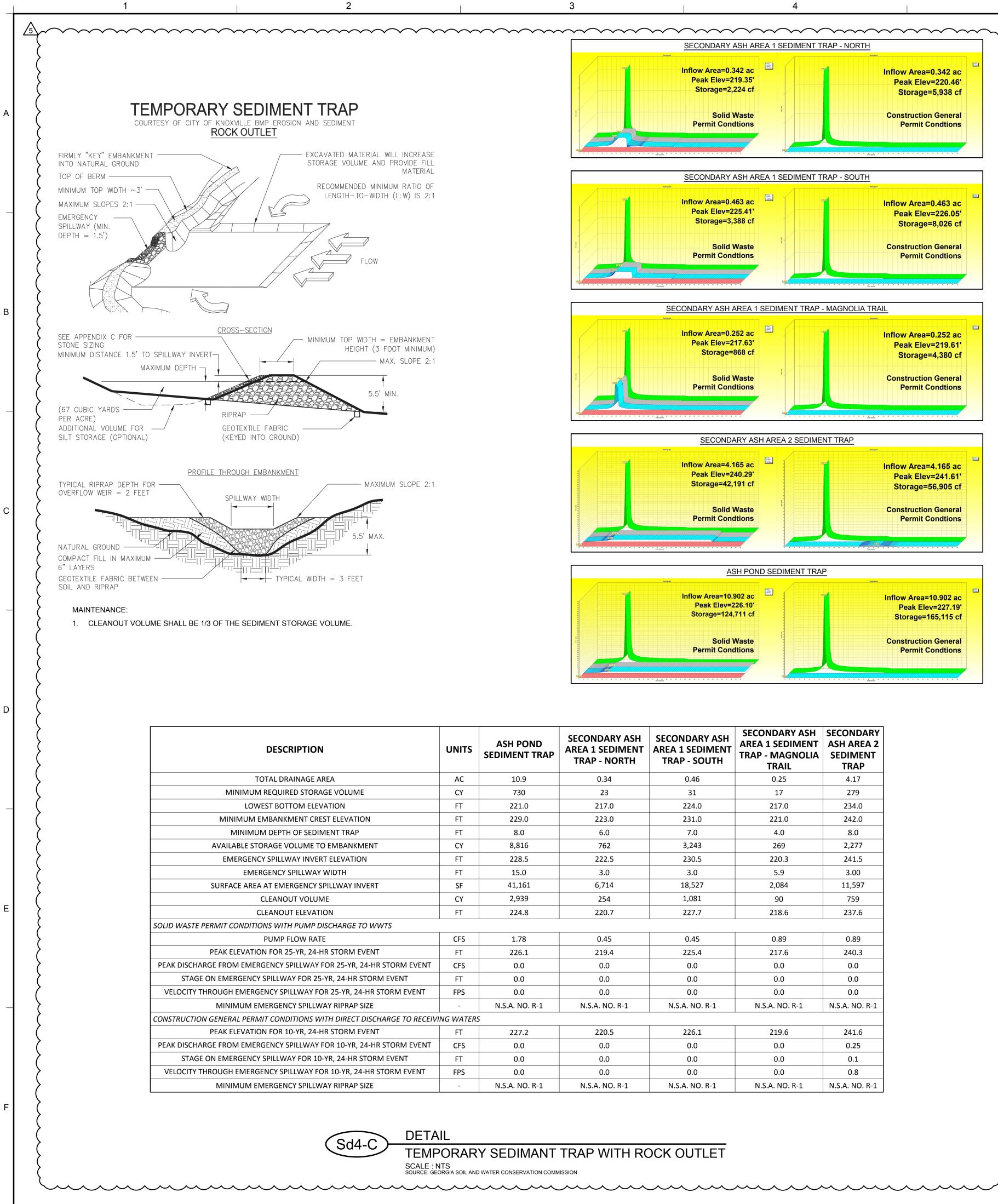
	Resource Area	Planting Dates by Resource Area												Remarks
Live		Sol	Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates.								lines			
PLS) 10 sqft		J	F	M	A	M	J	J	A	s	0	N	D	
	TL					1								
lb lb	P C		3 <u>14 6</u>		9 13									1,787,000 seed per pound. Quick cover. Low growing and sod forming. Full sun. Good for athletic fileds.
lb lb	P C													Plant with winter annuals. Plant with Tall Fescue
lb	M-L P C M-L P C						-				0			300,000 seed per pound. Height of growth is 18 to 24 inches. Advantageous in urban ar- eas. Spreading-type growth. New growth has bronze coloration. Mix with weeping loveg- rass, common bermuda, bahia, tall fescue or winter annuals. Do not mix with Sericea lespedeza. Slow to develop solid stands. Inoculate seed with EL inoculant.
	M-L													300,000 seed per pound. Height of growth is
lb	P C M-L P C						-				1			18 to 24 inches. Advantageous in urban ar- eas. Spreading-type growth. New growth has bronze coloration. Mix with weeping loveg- rass, common bermuda, bahia, tall fescue or winter annuals. Do not mix with Sericea lespedeza. Slow to develop solid stands. Inoculate seed with EL inoculant.
lb Ib	M-L P C	-	-				-							1,500,000 seed per pound. Quick cover. Drought tolerant. Grows well with Sericea lespedeza on roadbanks.

MANENT VEGETATION)



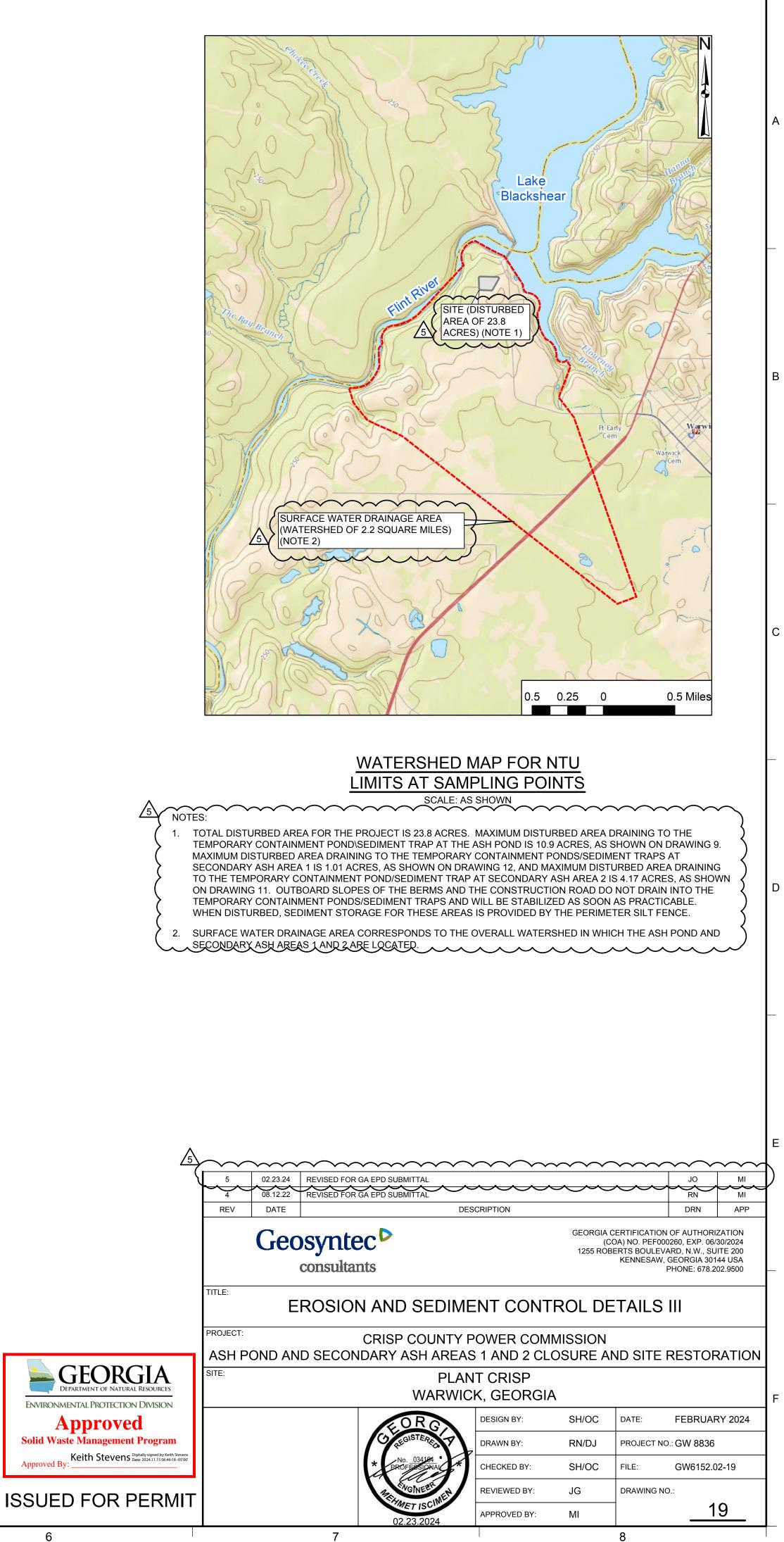


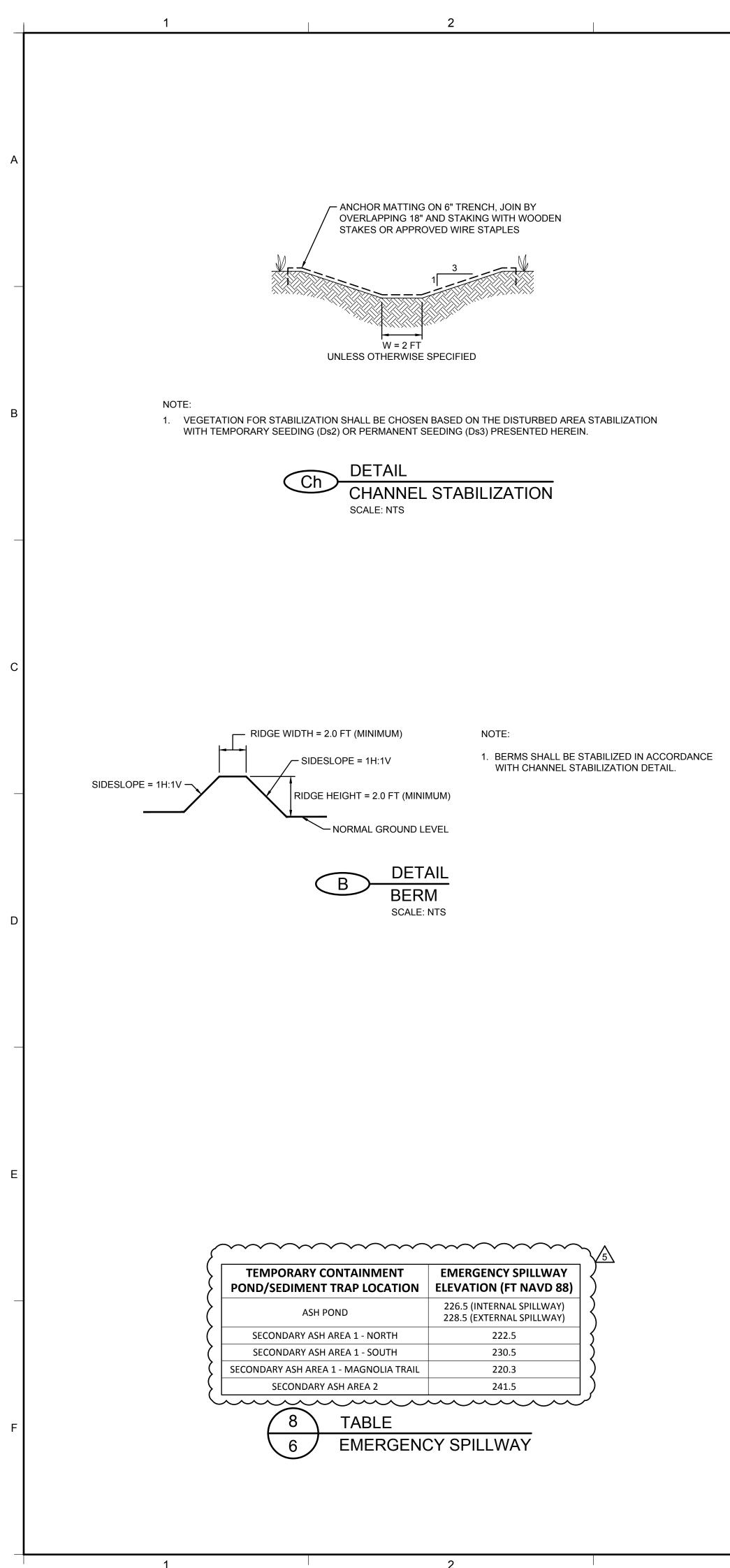


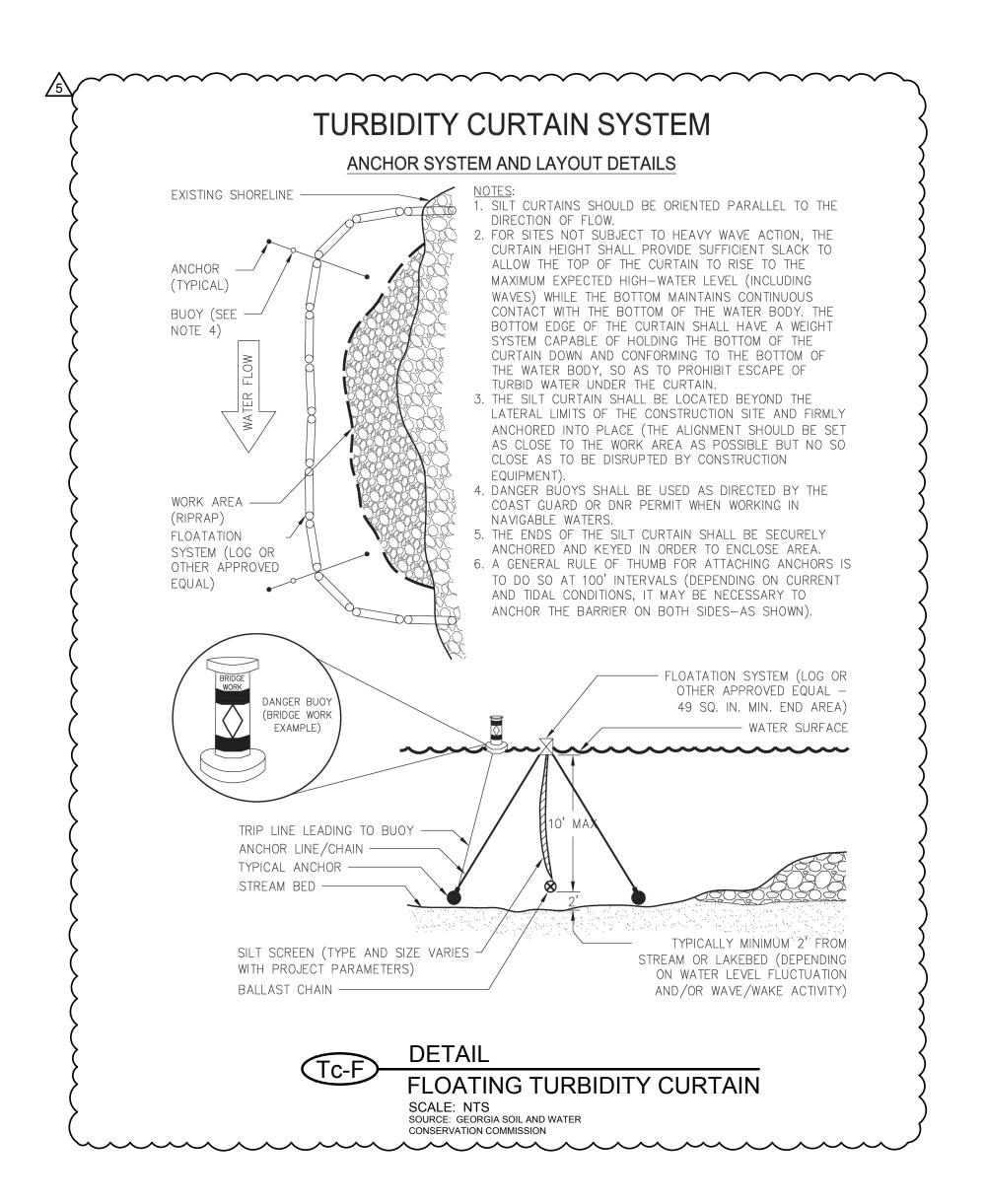


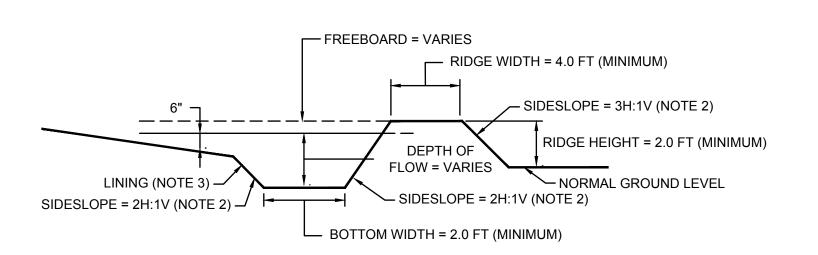
ONDARY ASH 1 SEDIMENT AP - NORTH	SECONDARY ASH AREA 1 SEDIMENT TRAP - SOUTH	SECONDARY ASH AREA 1 SEDIMENT TRAP - MAGNOLIA TRAIL	SECONDARY ASH AREA 2 SEDIMENT TRAP		
0.34	0.46	0.25	4.17		
23	31	17	279		
217.0	224.0	217.0	234.0		
223.0	231.0	221.0	242.0		
6.0	7.0	4.0	8.0		
762	3,243	269	2,277		
222.5	230.5	220.3	241.5		
3.0	3.0	5.9	3.00		
6,714	18,527	2,084	11,597		
254	1,081	90	759		
220.7	227.7	218.6	237.6		
	·				
0.45	0.45	0.89	0.89		
219.4	225.4	217.6	240.3		
0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0		
S.A. NO. R-1	N.S.A. NO. R-1	N.S.A. NO. R-1	N.S.A. NO. R-1		
220.5	226.1	219.6	241.6		
0.0	0.0	0.0	0.25		
0.0	0.0	0.0	0.1		
0.0	0.0	0.0	0.8		
S.A. NO. R-1	N.S.A. NO. R-1	N.S.A. NO. R-1	N.S.A. NO. R-1		









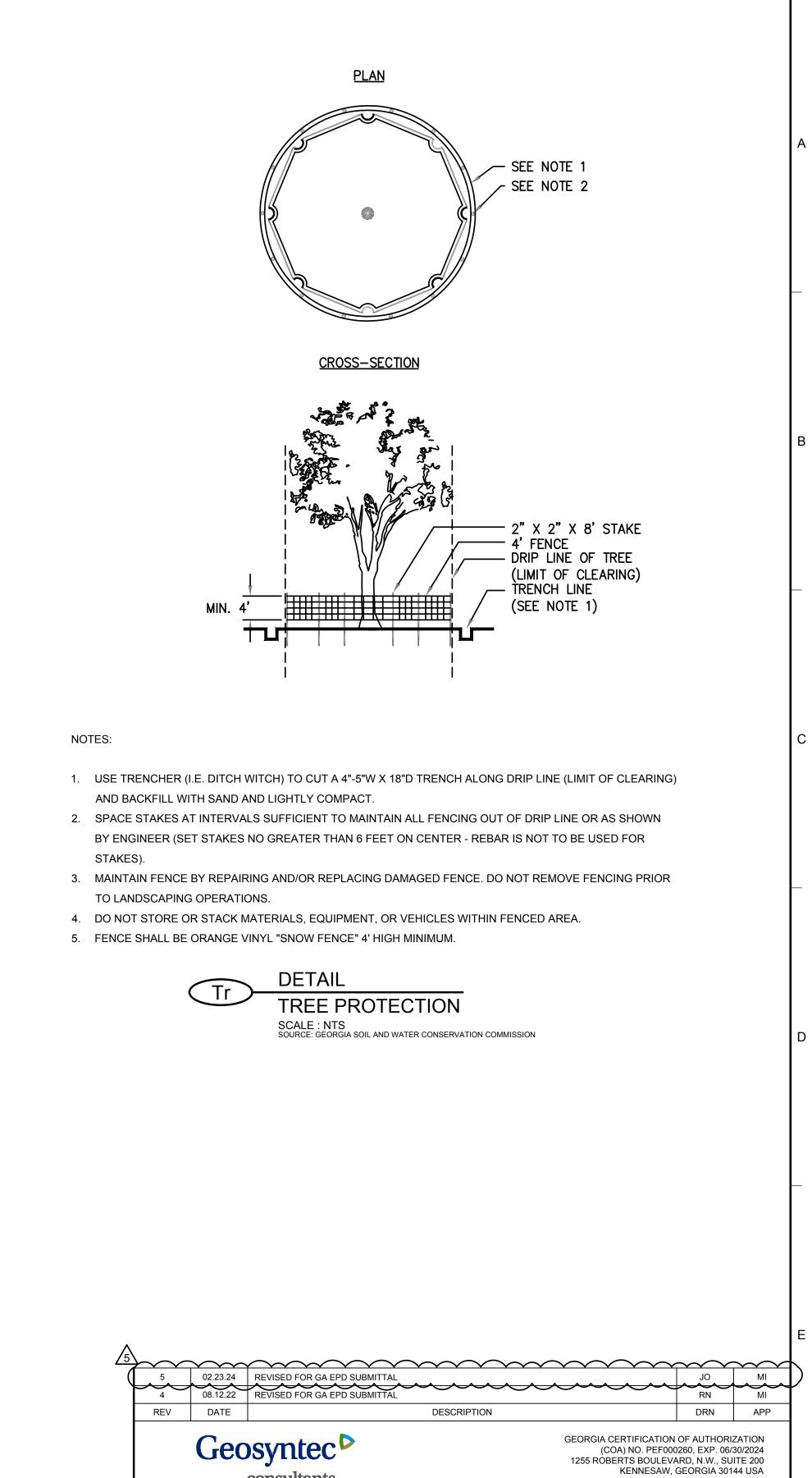


NOTES:

- 1. DIVERSIONS SHALL BE CONSTRUCTED TO MEET DESIGN CRITERIA IDENTIFIED WITHIN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA (GSWCC).
- 2. SIDE SLOPES SHALL NOT BE STEEPER THAN 2H:1V.
- 3. DIVERSIONS SHALL BE STABILIZED IN ACCORDANCE WITH CHANNEL STABILIZATION DETAIL.







 Interview
 Interview

CHECKED BY:

REVIEWED BY:

APPROVED BY:

FILE:

DRAWING NO .:

GW6152.02-20

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SH/OC

JG

MI