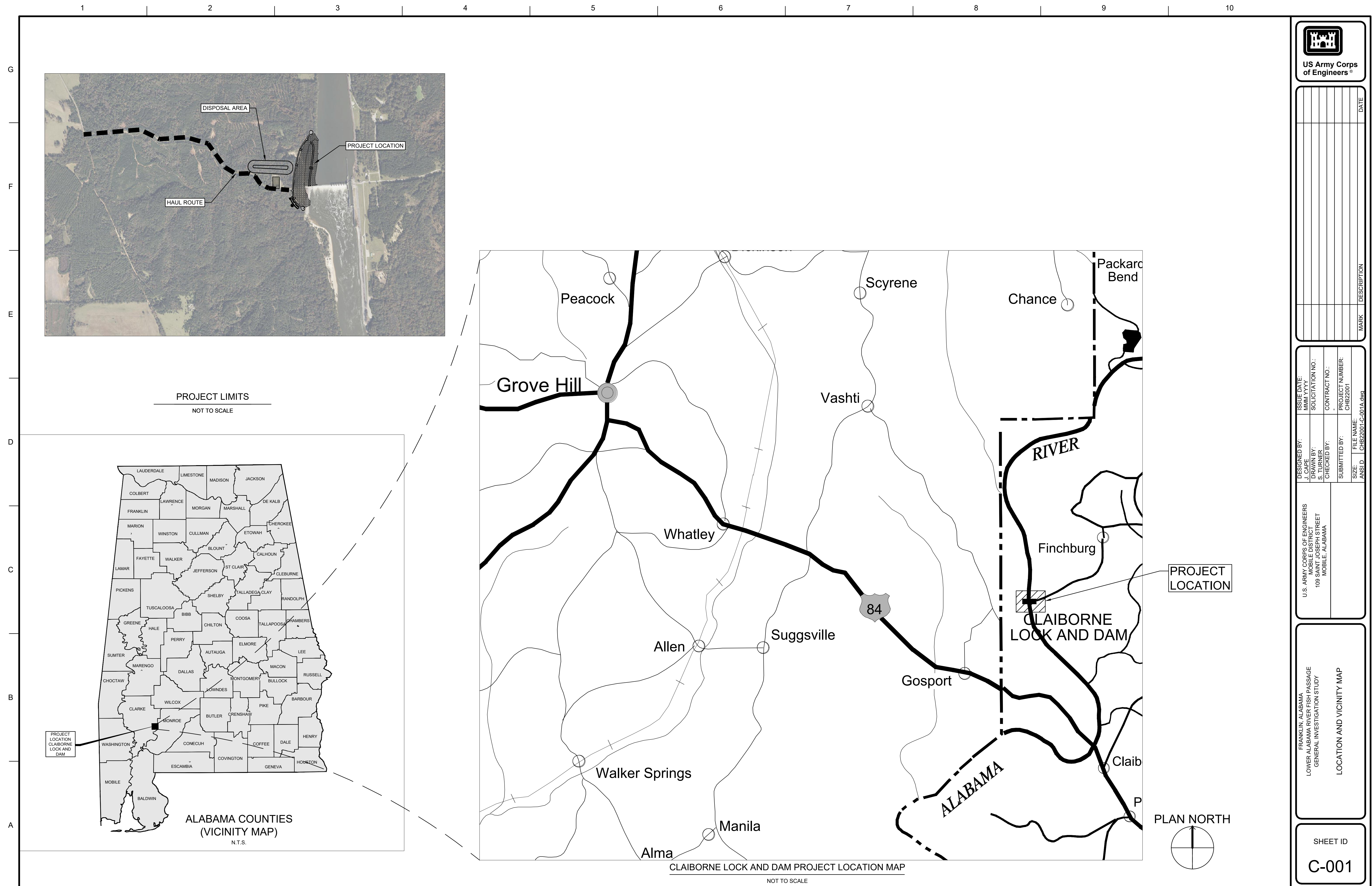


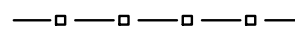


	1	2	3	4	5	6	7	8	9	10	
G		A									
	@	AT	CLOS	CLOSED	EL	ELEVATION (GRADE or BLDG)	HP	HORSE POWER			
	A/C	AMPS INTERRUPTING CAPACITY (SYM RMS)	CMP	CORRIGATED METAL PIPE	ELEC	ELECTRICAL OR ELECTRIC	HPW	HIGH PRESSURE WASHER			
	AB	ANCHOR BOLT	CMT	CERAMIC MOSAIC TILE	EM	EMERGENCY	HR	HOUR			
	ABT	ABOUT	CMU	CONCRETE MASONRY UNITS	ENG	ENGINEER	HSB	HIGH STRENGTH BOLT			
	AC	ASPHALT CEMENT	CNTR	COUNTER	ENVIR	ENVIROMENT/ENVIROMENTAL	HSGYP	HIGH-STRENGTH GYPSUM			
	ACSR	ALUMINUM CONDUCTOR	CO	CLEANOUT	ENT	ENTRANCE		PLASTER			
		STEEL REINFORCED	COL	COLUMN	EOC	EDGE OF CURB	HT	HEIGHT			
	ACST	ACOUSTIC	COM	COMMON	EOD	EXPLOSIVE ORDINANCE DISPOSAL	HTG	HEATING			
	ADEM	ALABAMA DEPT OF ENVIRONMENTAL MANAGEMENT	COMB	COMBINATION	EP / EOP	EDGE OF PAVEMENT	HTR	HEATER			
F		B									
	AFF	ABOVE FINISH FLOOR	COMB.	COMBUSTION	EQ	EQUAL	HW	HOT WATER			
	AFFF	AQUEOUS FILM-FORMING FOAM	COMM	COMMUNICATIONS	EQUIP	EQUIPMENT	HWH	HOT WATER HEATER			
	AFG	ABOVE FINISH GRADE	COMP	COMPRESSIBLE	ERP	ENVIRONMENTAL RESOURCE	HWR	HOT WATER RETURN			
	AGG	AGGREGATE	CONC	CONCRETE	EXP	ESTIMATE	HWRR	HOT WATER RETURN			
	AHU	AIR HANDLING UNIT	CONN	CONNECTOR	EST	EACH WAY	HWS	HOT WATER SUPPLY			
	AI	AREA INLET	CONSTR	CONSTRUCTION	EW	ELECTRIC WATER COOLER	HYD	HYDRAULIC			
	AIC	AMPS INTERRUPTING CAPACITY (SYM RMS)	CONT	CONTINUOUS	EXC	EXCAVATE		I			
	AL	ALUMINUM	COR	CONTRACTING OFFICERS	EXIST	EXISTING		IRON			
	ALDOT	ALABAMA DEPARTMENT OF TRANSPORTATION	CORR	REPRESENTATIVE	EXP	EXPOSED	I OR FE	IRON			
E		C									
	ALT	ALTERNATE	COV	COVERED	EXPN	EXPANSION	I.D.	INSIDE DIAMETER			
	AMP	AMPERE	CP	CONCRETE PIPE	EXT	EXTERIOR	I.P.	IRON PIPE			
	AP	ACCESS PANEL	CPL	CEMENT PLASTER	EVCE	END VERTICAL CURVE ELEVATION	IAW	IN ACCORDANCE WITH			
	APPD	APPROVED	EXT	EXTERIOR		END VERTICAL CURVE STATION	IBC	INTERNATIONAL BUILDING CODE			
	APPROX	APPROXIMATE	EVCS				IC	INTERCOM			
	ARCH	ARCHITECTURAL					IE	INVERT ELEVATION			
	ASPH	ASPHALT					IES	ILLUMINATING ENG. SOCIETY			
	ASTM	AMERICAN SOCIETY OF TESTING					IESCR	INTERUPTING ELECTRICAL SHORT CIRCUIT RATING			
		AND MATERIALS									
D		D									
	ATC	ACOUSTICAL TILE CEILING	F	FAHRENHEIT	F	FAHRENHEIT					
	AUTO	AUTOMATIC	FPM	FEET PER MINUTE	FPM	FEET PER MINUTE					
	AVE	AVENUE	FS	FAR SIDE OR FULL SIZE	FS	FAR SIDE OR FULL SIZE					
	AVG	AVERAGE	FA	FRESH AIR	FA	FRESH AIR					
			FCU	FAN COIL UNIT	FCU	FAN COIL UNIT					
	B & B	BALL AND BURLAP	FC	FOOT CANDLE	FC	FOOT CANDLE					
	BM	BEGIN BENCH MARK	FCG	FACING	FCG	FACING					
	BATT	BATTEN INSULATION	FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION					
	BCE	BASE CIVIL ENGINEER									
C		C									
	BDRY	BOUNDARY	FDN	FOUNDATION	FDN	FOUNDATION					
	BIT	BITUMINOUS	FEC	FIRE EXTINGUISHER CABINET	FEC	FIRE EXTINGUISHER CABINET					
	BL	BUILDING LINE	FF	FINISH FLOOR	FF	FINISH FLOOR					
	BLDG	BUILDING	FG	FINISH GRADE	FG	FINISH GRADE					
	BLDG. DIR	BUILDING DIRECTORY	FH	FIRE HYDRANT	FH	FIRE HYDRANT					
	BLK	BLOCK	FHC	FIRE HOSE CABINET	FHC	FIRE HOSE CABINET					
	BLKG	BLOCKING	FIG	FIGURE	FIG	FIGURE					
	BM	BENCH MARK	FIN	FINISH	FIN	FINISH					
	BMP	BEST MANAGEMENT PRACTICE	FIX	FIXTURE	FIX	FIXTURE					
B		C									
	BOC	BACK OF CURB	FLASH	FLASHING	FLASH	FLASHING					
	BOF	BOTTOM OF FOOTING	FLG	FLOORING	FLG	FLOORING					
	BOS	BOTTOM OF STEEL	FLUOR	FLUORESCENT	FLUOR	FLUORESCENT					
	BOT	BOTTOM	FOC	FIBER OPTIC CABLE	FOC	FIBER OPTIC CABLE					
	BRG	BEARING	FP	FIRE PROTECTION	FP	FIRE PROTECTION					
	BRKT	BRACKET	FPRF	FIRE PROOF	FPRF	FIRE PROOF					
	BT	BENT	FR	FRAME OR FIRE RATED	FR	FRAME OR FIRE RATED					
	BTU	BRITISH THERMAL UNIT	FT	FEET OR FINNED TUBE	FT	FEET OR FINNED TUBE					
	BTUH	BTU PER HOUR	FTG	FOOTING	FTG	FOOTING					
A		C									
	BVCE	BEGIN VERTICAL CURVE	FURR'G	FURRING							
	BVCS	BEGIN VERTICAL CURVE STATION									
	BWG	BARBED WIRE FENCE									
	CL	CENTER LINE	G	GAS	G	GAS					
	C TO C	CENTER TO CENTER	GCO	GROUND CLEANOUT	GCO	GROUND CLEANOUT					
	C&G	CURB & GUTTER	GV	GATE VALVE	GV	GATE VALVE					
	COE	CORPS OF ENGINEERS	GA	GAUGE	GA	GAUGE					
	COR	CONTRACTING OFFICER'S REPRESENTATIVE	GAL	GALLON	GAL	GALLON					
		GALV	GALVANIZED	GALV	GALVANIZED						
		GCAB	GRADED CRUSHED AGGREGATE	GCAB	GRADED CRUSHED AGGREGATE						
								</			

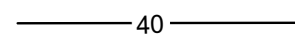
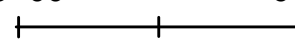
G

CIVIL LEGEND

PROPOSED



5+00 6+00



F

E

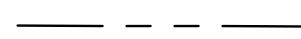
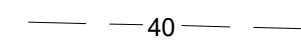
D

C

DEMOLITION / REMOVAL LEGEND

B

SURVEY/EXISTING CONDITIONS LEGEND



A

SYMBOL IDENTIFICATION



— DETAIL IDENTIFICATION
— SHEET NUMBER OF DWG. WHERE
DETAIL IS SHOWN

NOTE: SHEET GRID COLUMN AND ROW LOCATION REFER TO THE LETTERS AND NUMBER WHICH OCCUR ON LEFT SIDE AND TOP OF BORDER.



DETAIL/SECTION / ELEVATION TITLE

SCALE:

SHEET NAMING LEGEND

SAMPLE SHEET NAME:

CS101

DISCIPLINE DESIGNATOR

SHEET TYPE DESIGNATOR

SHEET SEQUENTIAL NUMBER

TABLE 1: DISCIPLINE DESIGNATOR

GI	INDEX/LEGEND SHEETS
G-	LOCATION/VICINITY MAP
VF	SURVEY EXISTING CONDITIONS
V-	SURVEY MONUMENTATION
C-	CIVIL GENERAL
CD	CIVIL DEMOLITION
CS	CIVIL SITE
CT	CIVIL TRANSPORTATION
CG	CIVIL GRADING
CU	CIVIL SITE UTILITY

GENERAL NOTES

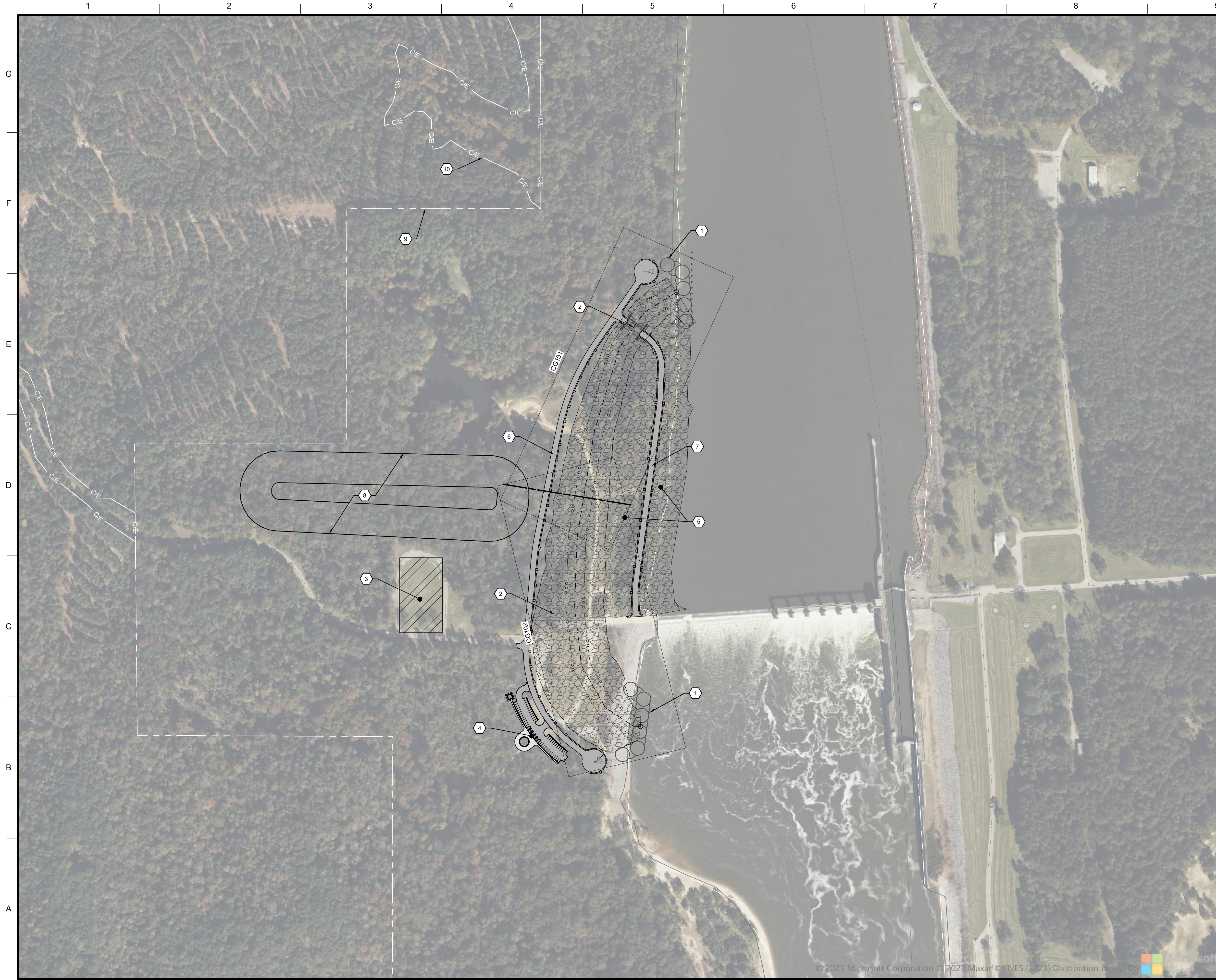
1. THESE LEGENDS ARE COMPOSED OF STANDARD SYMBOLS AND ARE PERTINENT TO THE CONDITIONS ON THIS SET OF DRAWINGS TO THE EXTENT APPLICABLE.
2. ADDITIONAL LEGENDS AND/OR ANOTHER LEGEND SHEET MAY APPEAR IN THIS SET OF DRAWINGS TO INDICATE SPECIFIC CONDITIONS IN LIEU OF SYMBOLS SHOWN ON THIS SHEET.

[illegible]

U.S. ARMY CORPS OF ENGINEERS ATTN: WILLIAM JOSEPH STREET 109 SAINT JOSEPH STREET MOBILE, ALABAMA	DRAWN BY: J. CAPE S. TURNER CHECKED BY: J. LONG SUBMITTED BY: J. O'DONNELL PROJECT NUMBER: CHC21009 SHEET NO.: FILE NAME: CHCE22001-C-003A.dwg PLOT D.
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LEGEND

SHEET ID
C-003

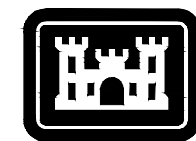


GENERAL SHEET NOTES

- FOR LOCATION AND VICINITY MAP, SEE SHEET C-001.
- FOR PROJECT ABBREVIATIONS, SEE SHEET C-002.
- FOR PROJECT LEGEND, SEE SHEET C-003.
- FOR PROJECT NOTES, SEE SHEET C-004.
- HORIZONTAL DATUM NAD83 STATE PLAN ALABAMA WEST. VERTICAL DATUM NAVD 88.
- SURVEY WAS NOT PERFORMED. TOPOGRAPHY AND ELEVATIONS SHOWN ARE BASED ON AUTODESK AND GIS DATA. ACTUAL GEOLOCATED CONDITIONS MAY DIFFER.
- ALL UTILITIES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATIONS OF UTILITIES SHALL BE SURVEYED OR FIELD VERIFIED PRIOR TO CONSTRUCTION.
- FOR CLAIBORNE FISH PASSAGE BYPASS CHANNEL TYPICAL SECTIONS, SEE SHEET CG301.
- FOR CLAIBORNE FISH PASSAGE BYPASS CHANNEL CROSS SECTIONS, SEE SHEETS CG303-CG304.
- FOR ACCESS ROAD PROFILES, SEE SHEETS CG201-CG202.
- FOR ACCESS ROAD TYPICAL SECTIONS, SEE SHEET CG302.

SHEET KEYNOTES

- PROPOSED COFFER DAM. SEE SHEET S-100.
- PROPOSED BRIDGE/STOP LOG STRUCTURE. SEE SHEET S-100.
- CONTRACTOR STAGING AND LAY DOWN AREA.
- PROPOSED PAVILION, PARKING, AND BATHROOM.
- PROPOSED RIP RAP.
- PROPOSED ACCESS ROAD.
- PROPOSED ACCESS ROAD WITH SHEET PILE WALL UNDER CENTERLINE.
- PROPOSED DISPOSAL SITE.
- FEDERAL LANDS PROPERTY LINE.
- EXISTING EASEMENTS.



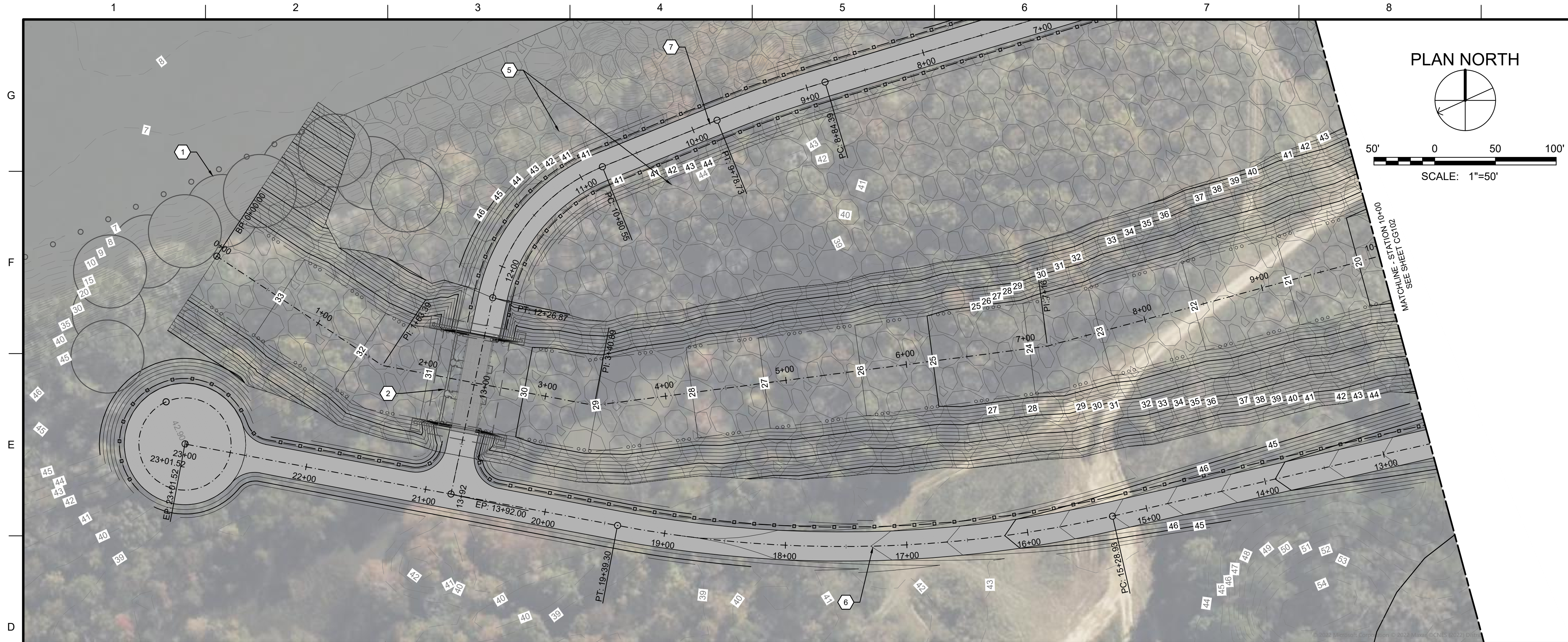
US Army Corps
of Engineers®

MARK	DESCRIPTION	DATE

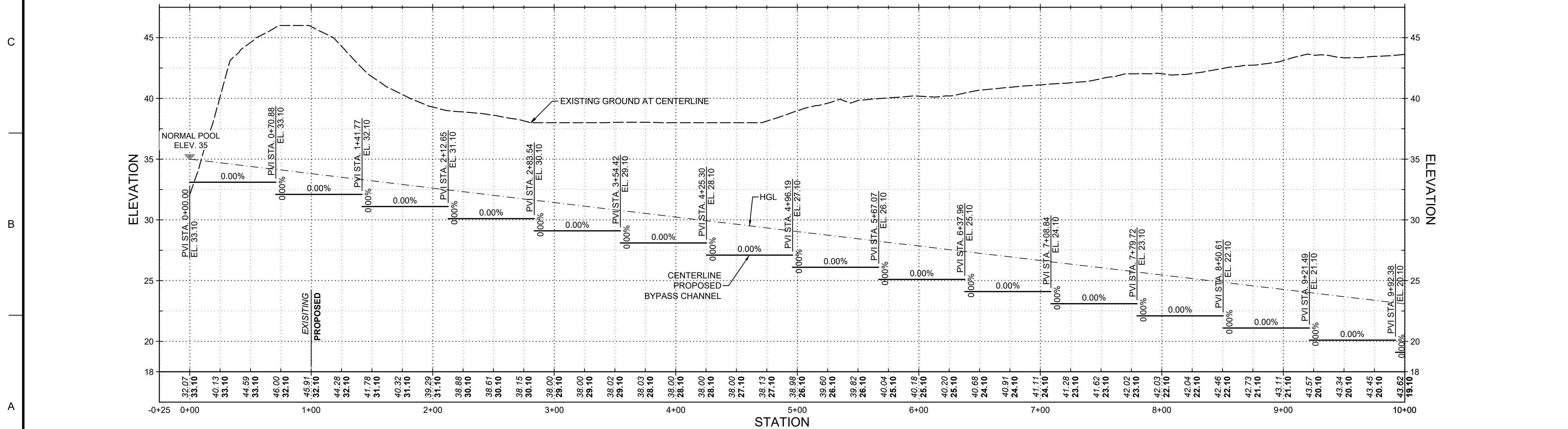
DESIGNED BY: J. CAPE	ISSUE DATE: MM/YY	U.S. ARMY CORPS OF ENGINEERS MOBILE DISTRICT 109 SAINT JOSEPH STREET MOBILE, ALABAMA
DRAWN BY:	SOLICITATION NO.:	
CHECKED BY:	CONTRACT NO.:	
SUBMITTED BY:	PROJECT NUMBER: CHB22001	
SIZE: ANSI D	FILE NAME:	

FRANKLIN, ALABAMA
LOWER ALABAMA RIVER FISH PASSAGE
GENERAL INVESTIGATION STUDY
CLAIBORNE BYPASS CHANNEL
GENERAL SITE OVERVIEW PLAN

SHEET ID
GC101



PROFILE VIEW OF CLAIBORNE RIGHT BANK BYPASS CENTERLINE



GENERAL SHEET NOTES

- FOR LOCATION AND VICINITY MAP, SEE SHEET C-001.
- FOR PROJECT ABBREVIATIONS, SEE SHEET C-002.
- FOR PROJECT LEGEND, SEE SHEET C-003.
- FOR PROJECT NOTES, SEE SHEET C-004.
- HORIZONTAL DATUM NAD83 STATE PLAN ALABAMA WEST. VERTICAL DATUM NAVD 88.
- SURVEY WAS NOT PERFORMED. TOPOGRAPHY AND ELEVATIONS SHOWN ARE BASED ON AUTODESK AND GIS DATA. ACTUAL GEOLOCATED CONDITIONS MAY DIFFER.
- ALL UTILITIES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATIONS OF UTILITIES SHALL BE SURVEYED OR FIELD VERIFIED PRIOR TO CONSTRUCTION.
- FOR CLAIBORNE FISH PASSAGE BYPASS CHANNEL TYPICAL SECTIONS, SEE SHEET CG301.
- FOR CLAIBORNE FISH PASSAGE BYPASS CHANNEL CROSS SECTIONS, SEE SHEETS CG303-CG304.
- FOR ACCESS ROAD PROFILES, SEE SHEETS CG201-CG202.
- FOR ACCESS ROAD TYPICAL SECTIONS, SEE SHEET CG302.
- POOL/RIFLE CONSISTS OF A CONCEPTUAL LEVEL DESIGN USING STEPS IN PLACE OF EVERY ESTIMATED WEIR. THE BED PROFILE FOR EACH POOL IS PLANNED TO BE SLOPED. FURTHER DESIGN OF THE POOL/WEIR DESIGN WILL BE COMPLETED IN THE PRE-ENGINEERING DESIGN PHASE INCLUDING WEIR SIZING, BED SLOPE BETWEEN WEIRS, NUMBER OF WEIRS, ETC.

SHEET KEYNOTES

- PROPOSED COFFER DAM. SEE SHEET S-100.
- PROPOSED BRIDGE/STOP LOG STRUCTURE. SEE SHEET S-102.
- CONTRACTOR STAGING AND LAY DOWN AREA.
- PROPOSED PAVILION, PARKING, AND BATHROOM.
- PROPOSED RIP RAP.
- PROPOSED ACCESS ROAD.
- PROPOSED ACCESS ROAD WITH SHEET PILE WALL UNDER CENTERLINE.
- PROPOSED DISPOSAL AREA.
- FEDERAL LANDS PROPERTY LINE.
- EXISTING EASEMENTS.



US Army Corps of Engineers®

ISSUE DATE:		SOLICITATION NO.:		CONTRACT NO.:		PROJECT NUMBER:	
MM	YY	MM	YY	MM	YY	MM	YY

DESIGNED BY:		DRAWN BY:		CHECKED BY:		SUBMITTED BY:		FILE NAME:	
J	CAPE	J	CAPE	J	CAPE	J	CAPE	ANSI	D

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 SAINT JOSEPH STREET
MOBILE, ALABAMA

FRANKLIN, ALABAMA
LOWER ALABAMA RIVER FISH PASSAGE
GENERAL INVESTIGATION STUDY

CLAIBORNE BYPASS CHANNEL
GRADING PLAN AND PROFILE

SHEET ID

CG101

A vertical scale with labels A, B, C, D, E, F, and G from bottom to top, with horizontal tick marks.



C



1. FOR LOCATION AND VICINITY MAP, SEE SHEET C-001.
2. FOR PROJECT ABBREVIATIONS, SEE SHEET C-002.
3. FOR PROJECT LEGEND, SEE SHEET C-003.
4. FOR PROJECT NOTES, SEE SHEET C-004.
5. FOR CLAIBORNE FISH PASSAGE BYPASS CHANNEL
TYPICAL SECTIONS, SEE SHEET CG301.
6. FOR CLAIBORNE FISH PASSAGE BYPASS CHANNEL CROSS
SECTIONS, SEE SHEETS CG303-CG304.
7. FOR ACCESS ROAD TYPICAL SECTIONS, SEE SHEET
CG302.



DRAWN BY: J. CAPE		SOLICITATION NO.:
CHECKED BY:		CONTRACT NO.:
SUBMITTED BY:		PROJECT NUMBER: CHB22001
SIZE:	FILE NAME:	

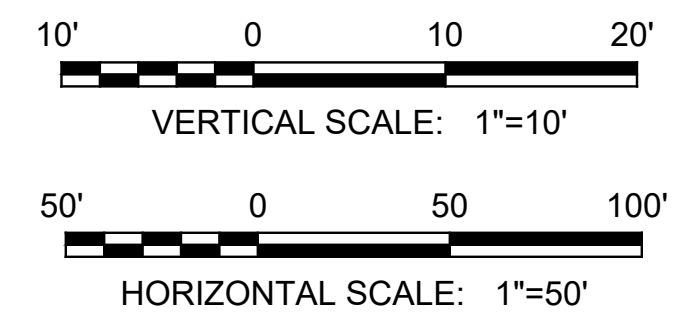
MOBILE DISTRICT
109 SAINT JOSEPH STREET
MOBILE, ALABAMA

GENERAL INVESTIGATION STUDY

ACCESS ROAD PROFILES

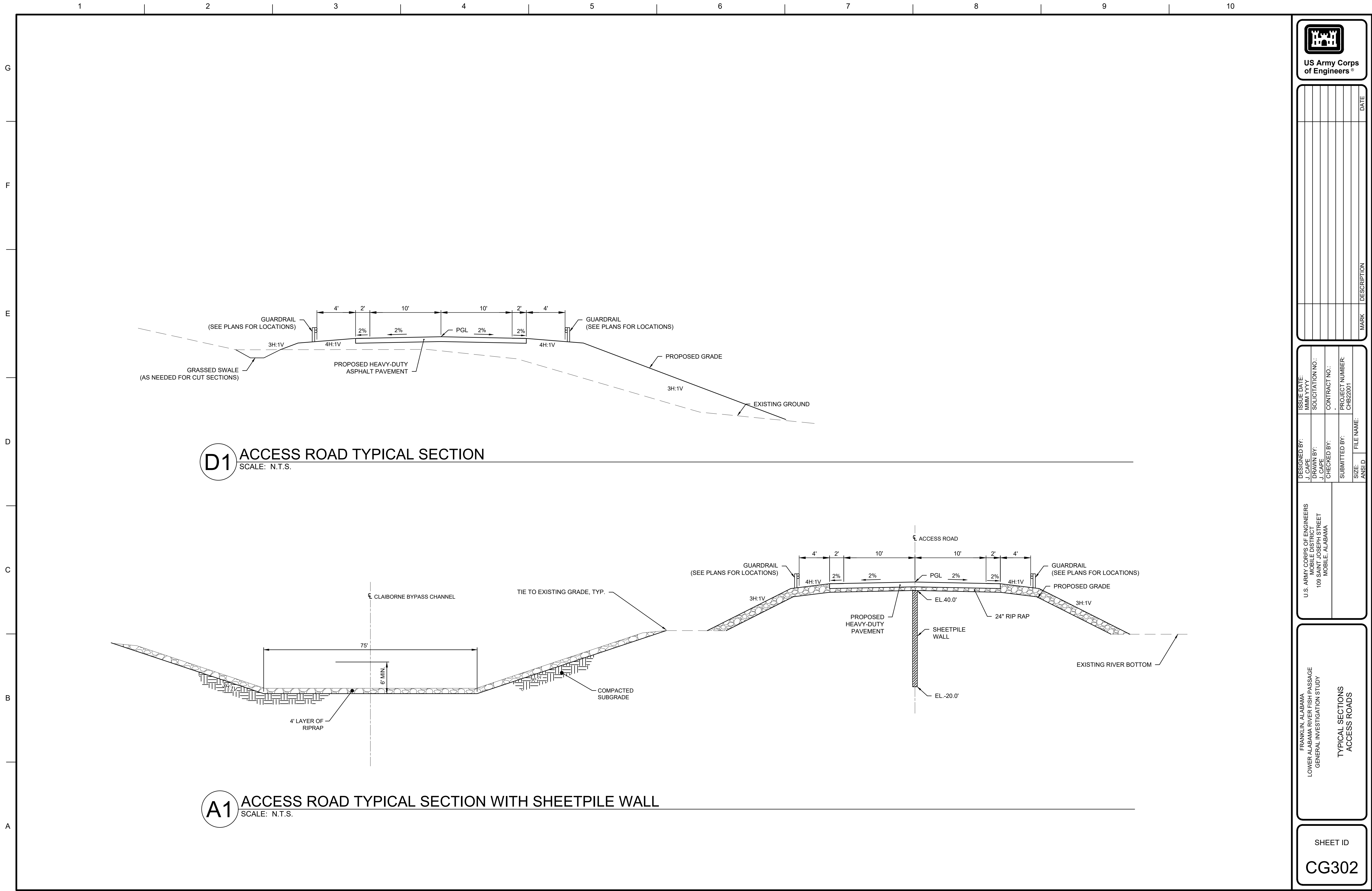
SHEET ID

CG202





CG301



US Army Corps
of Engineers®

ISSUE DATE:		SOLICITATION NO.:		CONTRACT NO.:		PROJECT NUMBER:		FILE NAME:		DATE	
DESIGNED BY:	J. CAPE	DRAWN BY:		CHECKED BY:		SUBMITTED BY:		SIZE:	ANSI D	MARK	DESCRIPTION

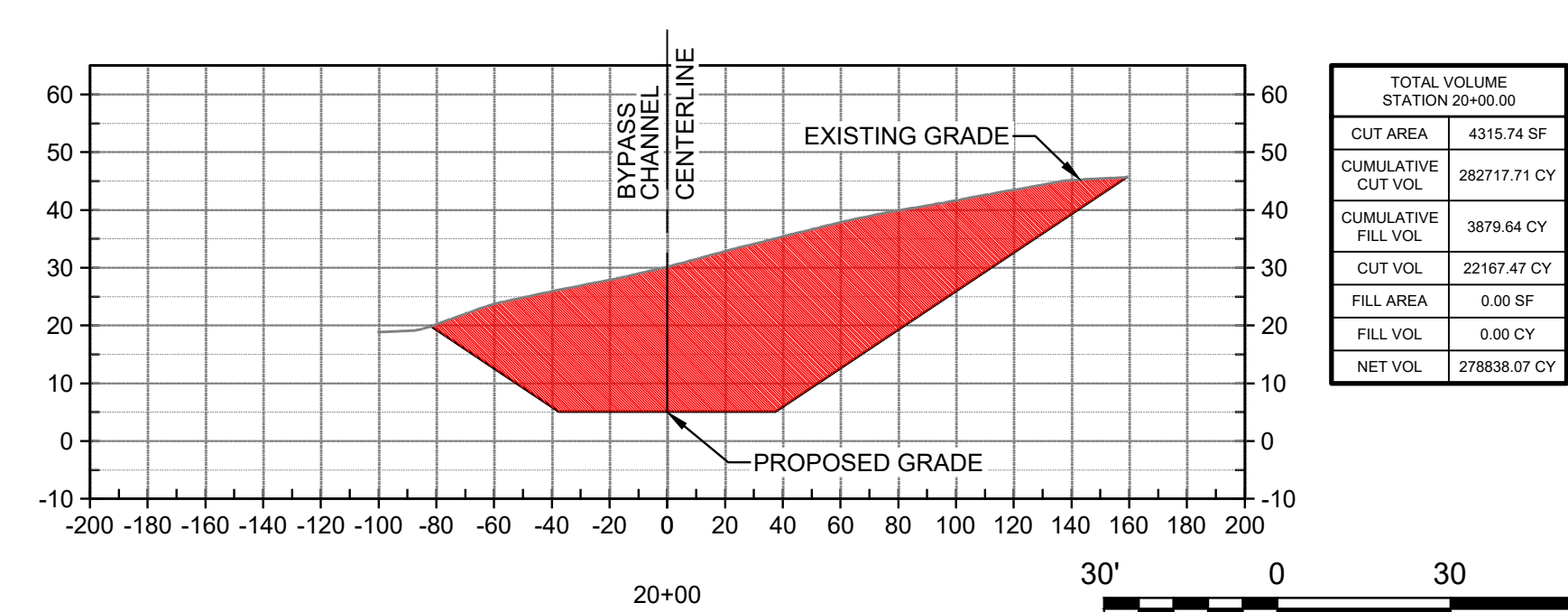
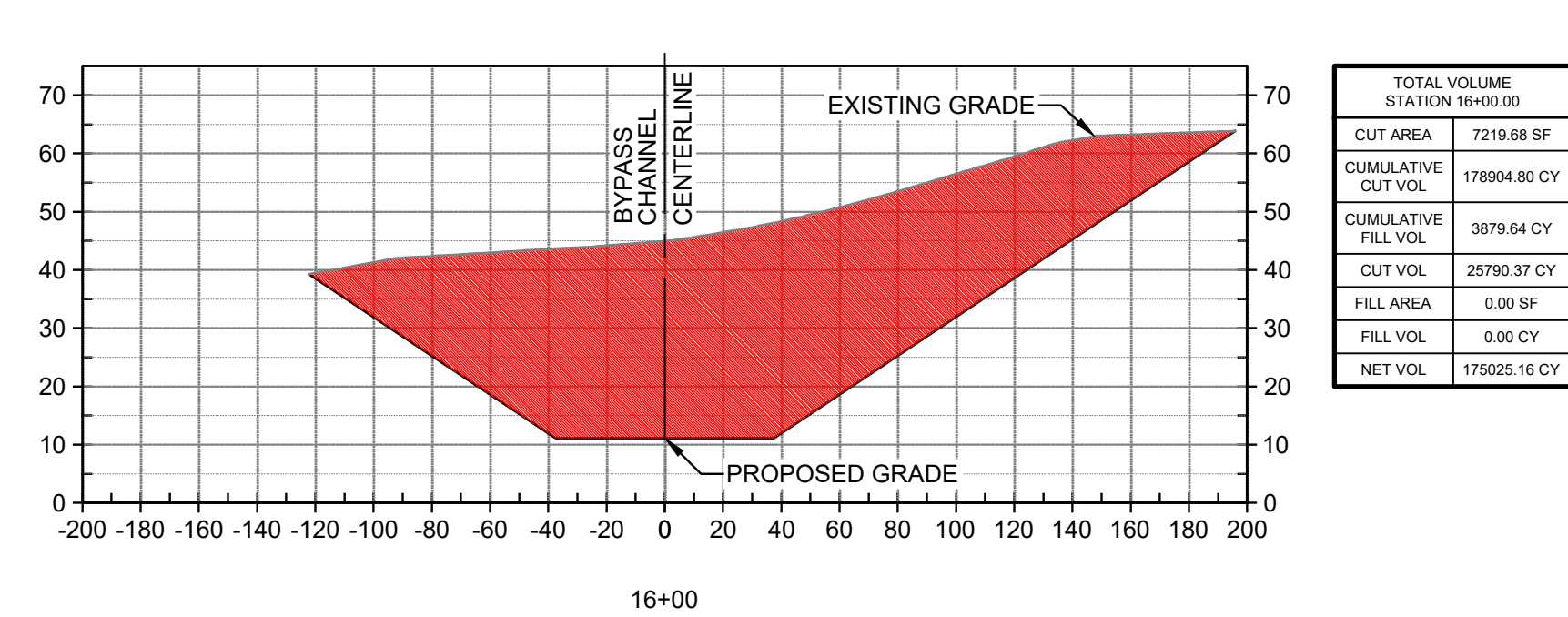
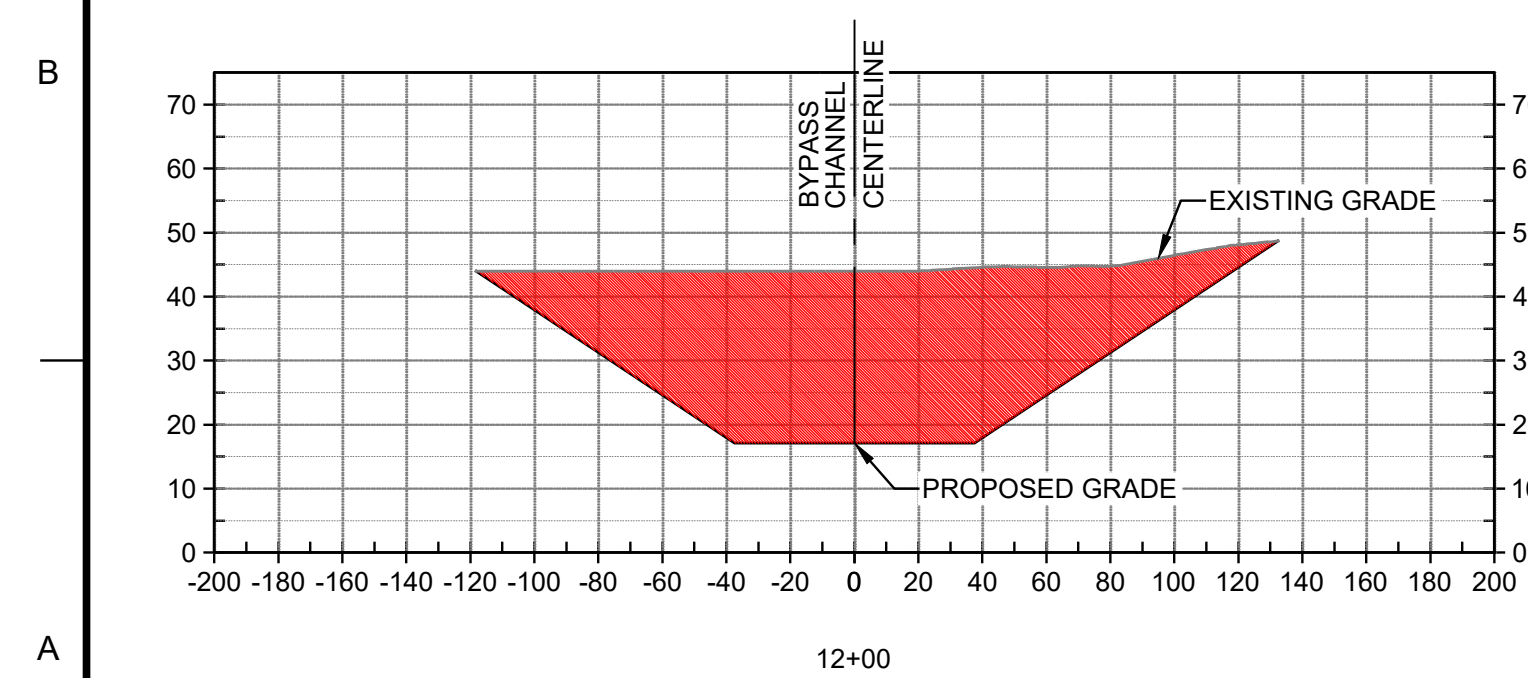
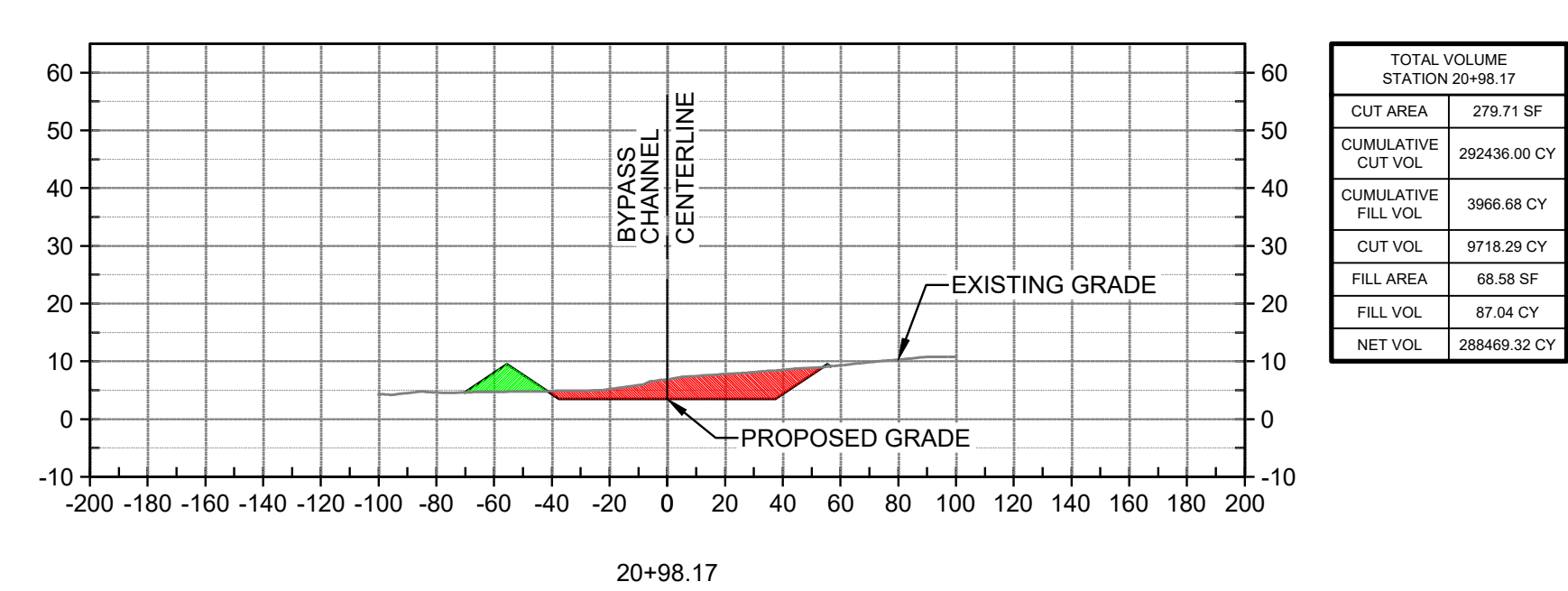
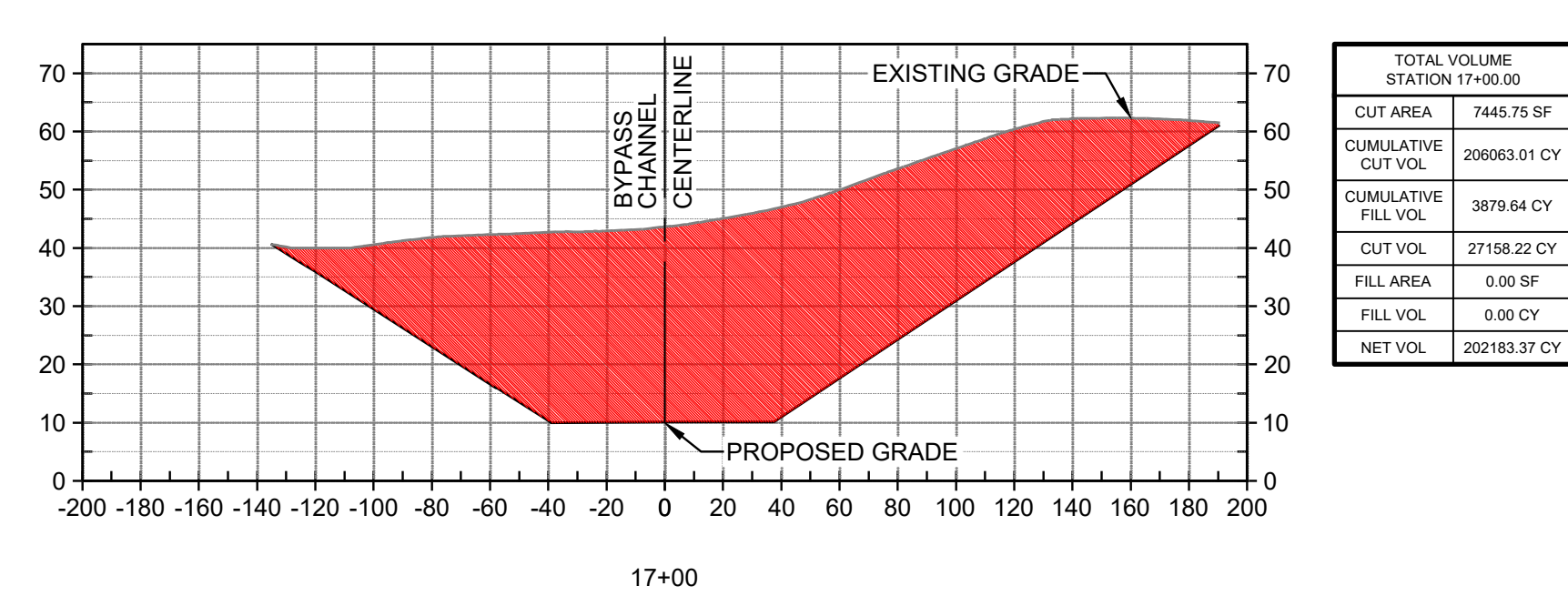
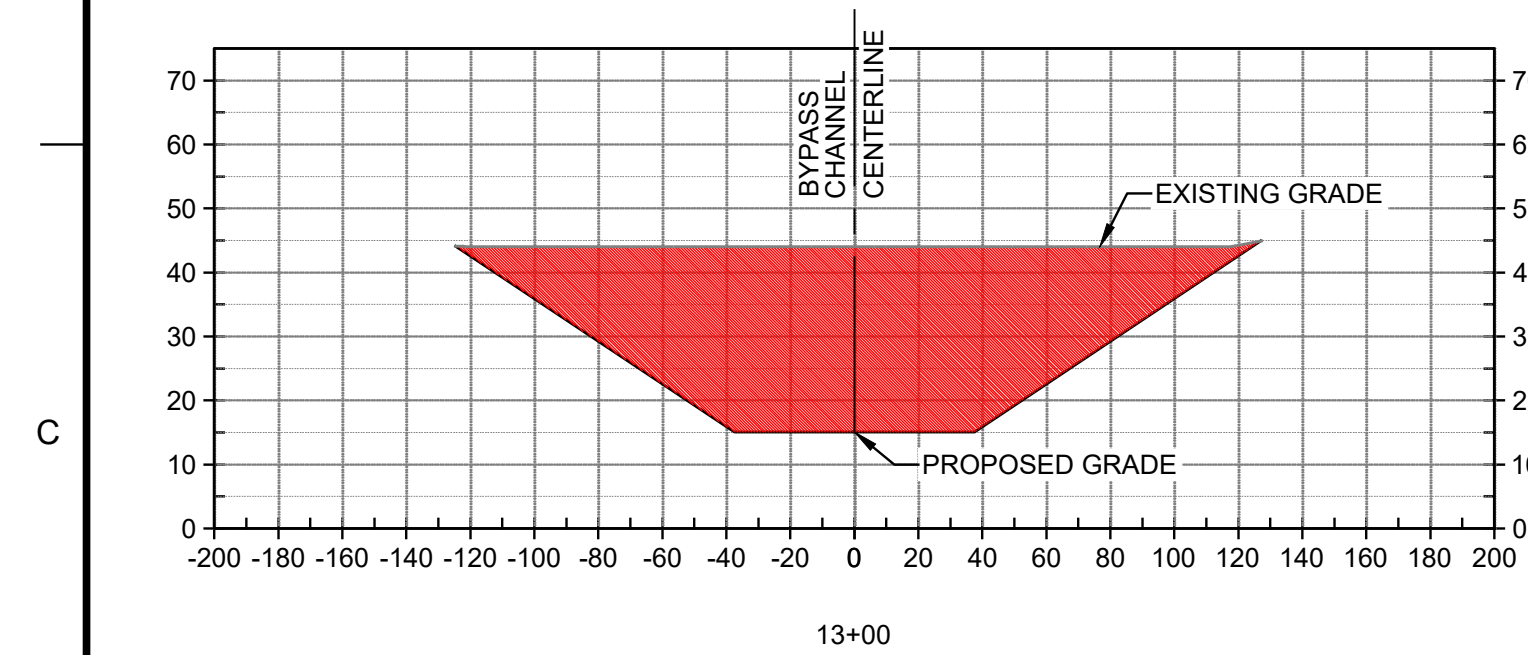
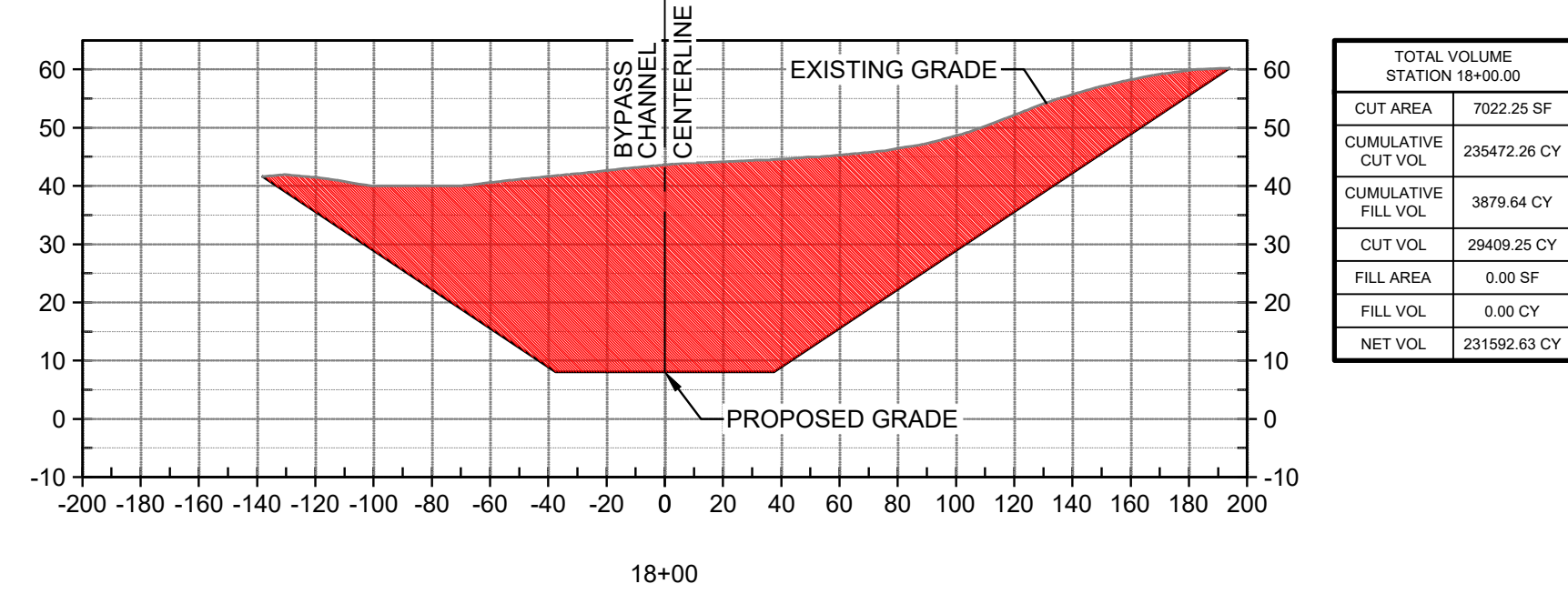
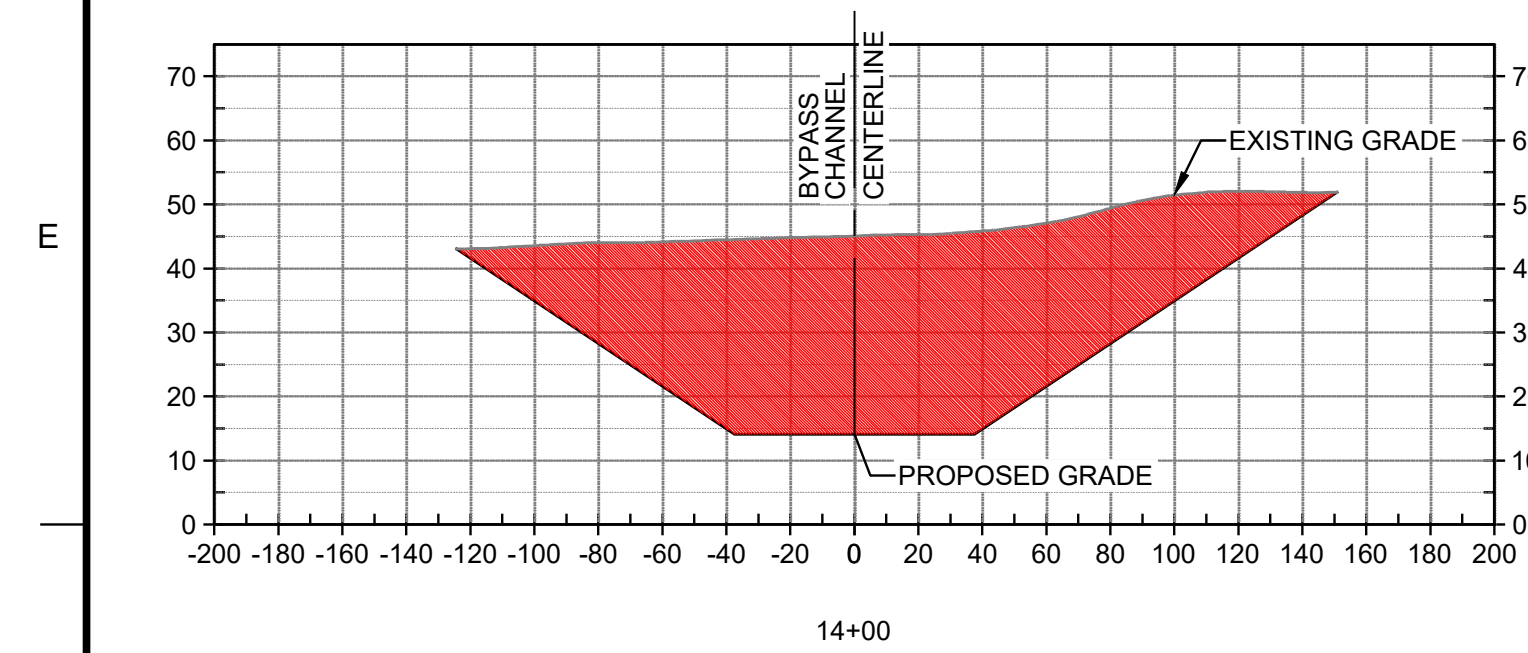
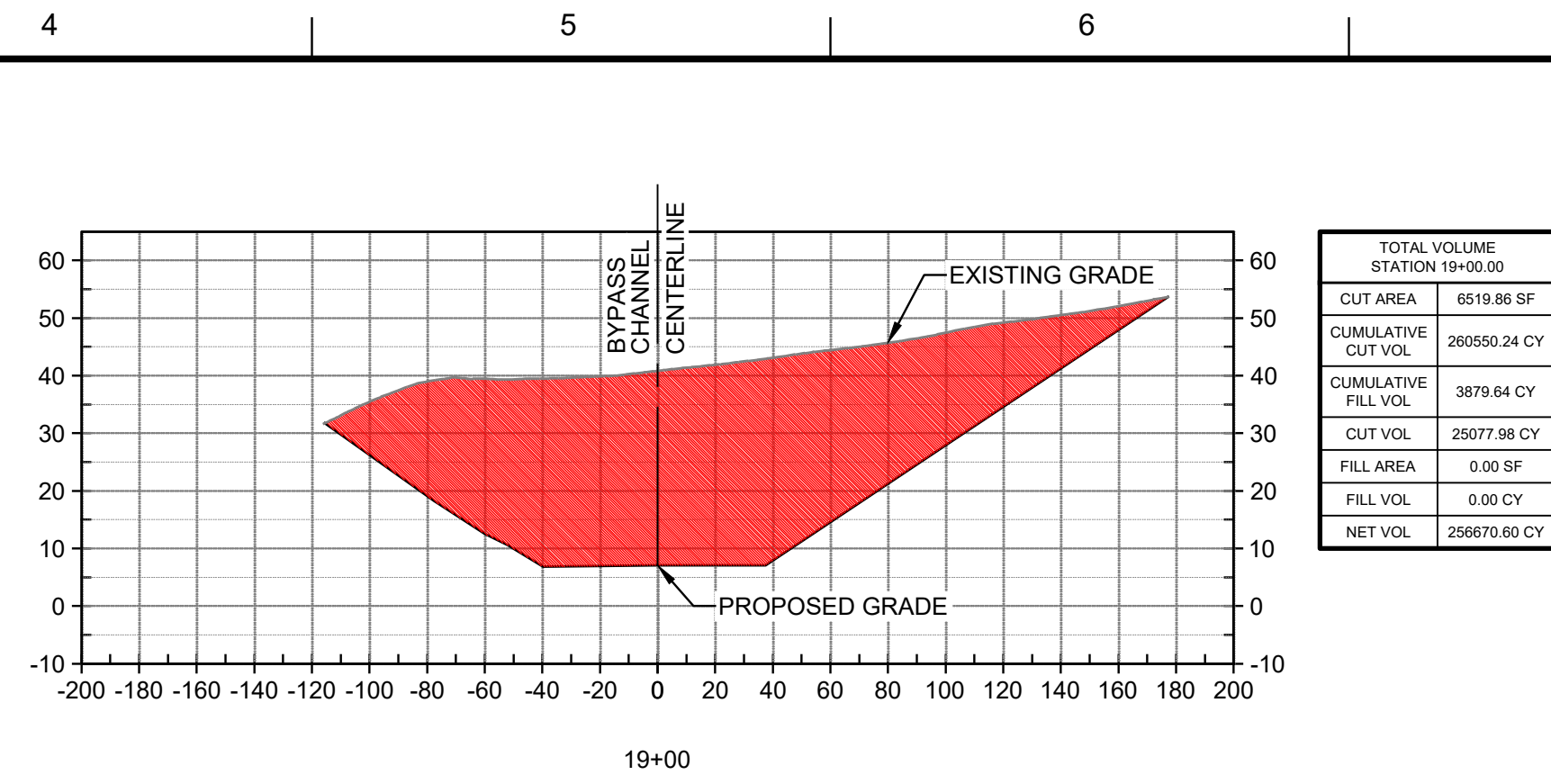
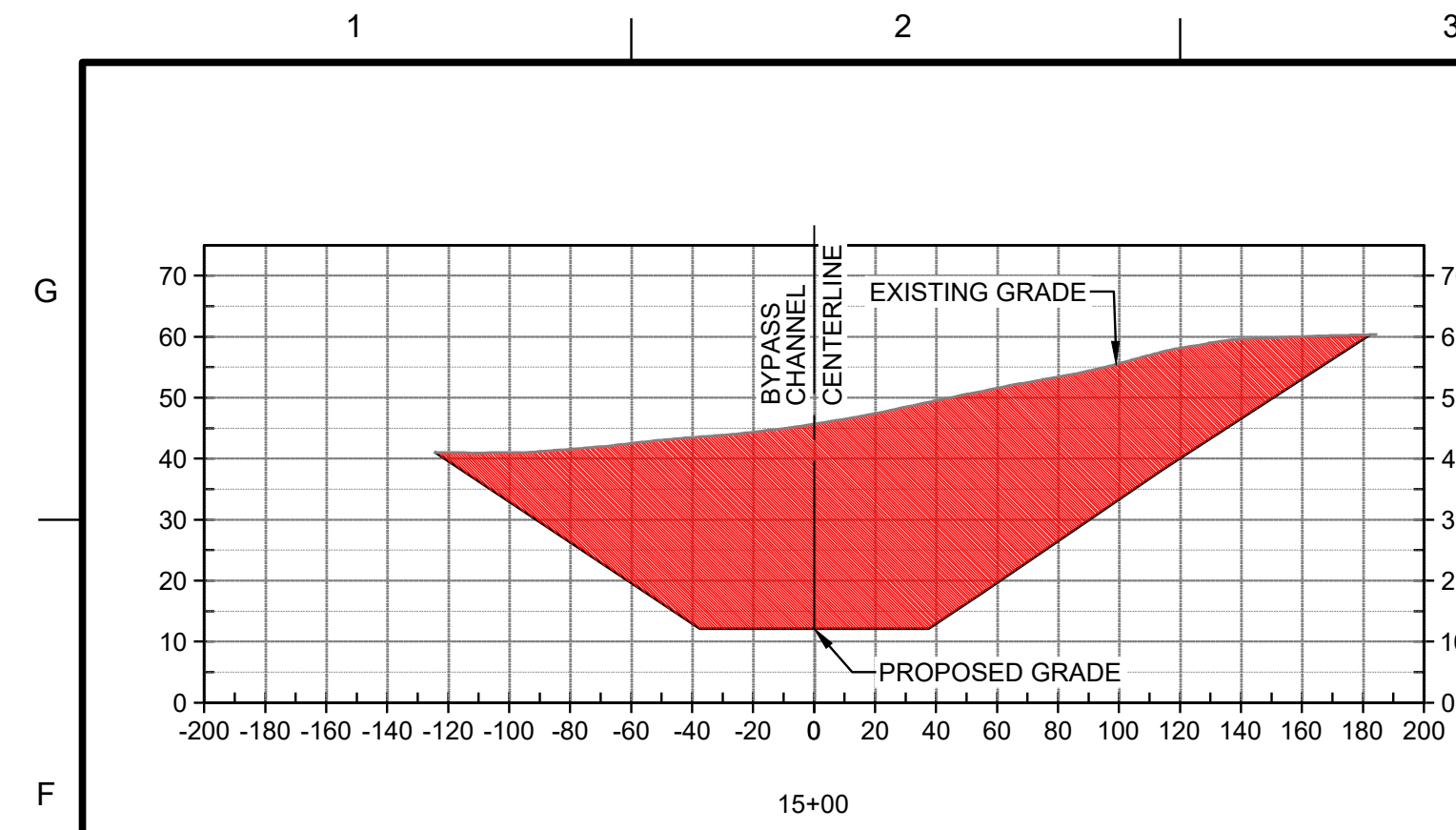
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 SAINT JOSEPH STREET
MOBILE, ALABAMA

FRANKLIN, ALABAMA
LOWER ALABAMA RIVER FISH PASSAGE
GENERAL INVESTIGATION STUDY

TYPICAL SECTIONS BY
ACCESS ROADS

SHEET ID

CG302



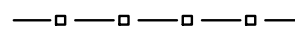
CG304

	1	2	3	4	5	6	7	8	9	10																														
G	A		CLOS	CLOSED	EL	ELEVATION (GRADE or BLDG)	HP	HORSE POWER			US Army Corps of Engineers®																													
	@	AT	CMP	CORRIGATED METAL PIPE	ELEC	ELECTRICAL OR ELECTRIC	HPW	HIGH PRESSURE WASHER																																
	A/C	AMPS INTERRUPTING CAPACITY (SYM RMS)	CMT	CERAMIC MOSAIC TILE	EM	EMERGENCY	HR	HOUR																																
	AB	ANCHOR BOLT	CMU	CONCRETE MASONRY UNITS	ENG	ENGINEER	HSB	HIGH STRENGTH BOLT																																
	ABT	ABOUT	CNTR	COUNTER	ENVIR	ENVIRONMENT/ENVIRONMENTAL	HSGYP	HIGH-STRENGTH GYPSUM																																
	AC	ASPHALT CEMENT	CO	CLEANOUT	ENT	ENTRANCE	HT	HEIGHT																																
	ACSR	ALUMINUM CONDUCTOR	COL	COLUMN	EOC	EDGE OF CURB	HTG	HEATING																																
	ACST	STEEL REINFORCED	COM	COMMON	EOD	EXPLOSIVE ORDINANCE DISPOSAL	HTR	HEATER																																
	ADEM	ACOUSTIC	COMB	COMBINATION	EQ	EQUAL	HW	HOT WATER																																
	AFF	ABOVE FINISH FLOOR	COMB.	COMBUSTION	EP / EOP	EDGE OF PAVEMENT	HWH	HOT WATER HEATER																																
F	AFFG	AQUEOUS FILM-FORMING FOAM	COMM	COMMUNICATIONS	EQUIP	EQUIPMENT	HWR	HOT WATER RETURN																																
	AFG	ABOVE FINISH GRADE	COMP	COMPRESSIBLE	ERP	ENVIRONMENTAL RESOURCE	HWRR	HOT WATER RETURN																																
	AGG	AGGREGATE	CONC	CONCRETE	EST	ESTIMATE	HWS	HOT WATER SUPPLY																																
	AHU	AIR HANDLING UNIT	CONN	CONNECTOR	EW	EACH WAY	HYD	HYDRAULIC																																
	AI	AREA INLET	CONSTR	CONSTRUCTION	EXP	EXPOSURE																																		
	AIC	AMPS INTERRUPTING CAPACITY (SYM RMS)	COR	CONTRACTING OFFICERS REPRESENTATIVE	EXC	EXCAVATE																																		
	AL	ALUMINUM	CORR	CORRIDOR	EXIST	EXISTING																																		
	ALDOT	ALABAMA DEPARTMENT OF TRANSPORTATION	COV	COVERED	EXP	EXPOSED																																		
	ALT	ALTERNATE	CP	CONCRETE PIPE	EXPN	EXPANSION																																		
	AMP	AMPERE	CPL	CEMENT PLASTER	EXT	EXTERIOR																																		
E	AP	ACCESS PANEL	CPS or	CYCLES PER SECOND	EVCE	END VERTICAL CURVE ELEVATION																																		
	APPD	APPROVED	CRES	CORROSIVE RESISTANT STEEL	EVCS	END VERTICAL CURVE STATION																																		
	APPROX	APPROXIMATE	CRG	CARRIAGE																																				
	ARCH	ARCHITECTURAL	CRS	COURSE																																				
	ASPH	ASPHALT	CSK	COUNTERSUNK																																				
	ASTM	AMERICAN SOCIETY OF TESTING	CSO	COMBINATION SEWER OUTFLOW																																				
	ATC	ACOUSTICAL TILE CEILING	CTB	CEMENT TREATED BASE																																				
	AUTO	AUTOMATIC	CTR	CENTER																																				
	AVE	AVENUE	CTRL	CONTROL																																				
	AVG	AVERAGE	CTU	CERAMIC TILE UNGLAZED																																				
D	B		CU	CONDENSING UNIT																																				
	B & B	BALL AND BURLAP	CU YD	CUBIC YARDS																																				
	BM	BEGIN BENCH MARK	CUH	CABINET UNIT HEATER																																				
	BATT	BATTEN INSULATION	CV	CEILING VENT																																				
	BCE	BASE CIVIL ENGINEER	CW	COLD WATER																																				
	BDRY	BOUNDARY	CWR	CHILLED WATER RETURN																																				
	BIT	BITUMINOUS	CWRR	CHILLED WATER REVERSE RETURN																																				
	BL	BUILDING LINE	CWS	CHILLED WATER SUPPLY																																				
	BLDG	BUILDING	CYL	CYLINDER																																				
	BLDG. DIR	BUILDING DIRECTORY	D																																					
C	BLK	BLOCK	d	PENNY (as in nail-10d)																																				
	BLKG	BLOCKING	DIA	DIAMETER																																				
	BM	BENCH MARK	DBL	DOUBLE																																				
	BMP	BEST MANAGEMENT PRACTICE	DCJ	DOWELED CONTROL JOINT																																				
	BOC	BACK OF CURB	D.I.	DUCTILE IRON																																				
	BOF	BOTTOM OF FOOTING	DA	DOUBLE ACTING																																				
	BOS	BOTTOM OF STEEL	DB	DRY BULB																																				
	BOT	BOTTOM	DC	DIRECT CURRENT																																				
	BRG	BEARING	DCJT	DUMMY CONTROL JOINT																																				
	BRKT	BRACKET	DCL	DOOR CLOSER																																				
B	BT	BENT	DDESB	DEPT DEFENSE EXPLOSIVE																																				
	BTU	BRITISH THERMAL UNIT	DEG	DEGREE																																				
	BTUH	BTU PER HOUR	DEPR	DEPRESSION																																				
	BVCE	BEGIN VERTICAL CURVE	DEPT	DEPARTMENT																																				
	BVCS	BEGIN VERTICAL CURVE STATION	DF	DRINKING FOUNTAIN																																				
	BWF	BARBED WIRE FENCE	DH	DOUBLE HUNG																																				
			DHWR	DOMESTIC HOT WATER RETURN																																				
			DHWS	DOMESTIC HOT WATER SUPPLY																																				
			DIA or ~	DIAMETER																																				
			DIAG	DIAGONAL																																				
A	CL	CENTER LINE	DIAPH	DIAPHRAGM																																				
	C TO C	CENTER TO CENTER	DIM	DIMENSION																																				
	C&G	CURB & GUTTER	DIST	DISTRIBUTION																																				
	COE	CORPS OF ENGINEERS	DN STR	DOWN STREAM																																				
	COR	CONTRACTING OFFICER'S REPRESENTATIVE	DO	DOOR OPENING																																				
	CADD	COMPUTER AIDED DRAFTING	DOIM	DIVISION OF INFORMATION MANAGEMENT																																				
	CAP	CAPACITY	DOM	DOOR OPERATOR MOTOR																																				
	CB	CATCH BASIN	DP	DAMPPROOFING																																				
	CC	CENTER TO CENTER	DPST	DOUBLE POLE SNGL THROW																																				
	CEM	CEMENT	DR	DRAIN																																				
											DESIGNED BY: J. CAPPS DRAWN BY: S. TURNER CHECKED BY: J. LONG SUBMITTED BY: S. TURNER FILE NAME: CHB22001-C-002B.dwg	U.S. ARMY CORPS OF ENGINEERS MOBILE, ALABAMA 100 SAINT JOSEPH STREET MOBILE, ALABAMA	ISSUE DATE: MM/YY/YY SOLICITATION NO.: CONTRACT NO.: PROJECT NUMBER: CHB22001	MARK	DESCRIPTION	DATE																								
CFM	CUBIC FEET PER MINUTE	DS	DOWN SPOUT																																					
CG	CORNER GUARD	DTL	DETAIL																																					
CI	CURB INLET	DWD	DRINKING WATER DISPENSER																																					
CIR	CIRCULAR	DWG	DRAWING																																					
CJ	CONSTRUCTION JOINT	DWLS	DOWELS																																					
CKD	CHECKED	E																																						
CKT	CIRCUIT	E	EAST																																					
CL	CENTER LINE	EA	EACH																																					
CL	CLEARANCE	EF	EXHAUST FAN																																					
CLG	CEILING	EOD	EDGE OF CURB																																					
CLKG	CAULKING	EOP	EDGE OF PAVEMENT																																					
CLR	CRUSHED LIMEROCK BASE																																							
											F		I		M		N		O		P		Q		R		S		T		U		V		W		X		Y	
											FAHRENHEIT		IRON		NORTH		OUTSIDE AIR		POLE		QUANTITY DISTANCE		RISER		SOUTH		TREAD		TRANSFORMER											
											FEET PER MINUTE		INSIDE DIAMETER		NATIONAL ELECTRICAL CODE		OBSCURE WIRE GLASS		PLASTIC LAMINATE		QUARTER ROUND		ROOF DRAIN		UNIT COOLER		YARD DRAIN													
											FAR SIDE OR FULL SIZE		IRON PIPE		NATIONAL ELECTRICAL		OBSCURE GLASS		PRESTRESSED		QUARRY TILE		ROOF SCUTTLE		YARD															
											FRESH AIR		IN ACCORDANCE WITH		NATIONAL ELECTRICAL		OFFICE		RECEIPTACLE		SIDEWALK		TRAINING AREA																	
											FAN COIL UNIT		INTERNATIONAL BUILDING CODE		NOT IN CONTRACT		RECEIVER		SIDWALK		TOP AND BOTTOM																			
											FOOT CANDLE		INTERCOM		RECEIVED		SCHEMATIC		TOILET																					
											FACING		INVERT ELEVATION		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION		ILLUMINATING ENG. SOCIETY		REQUIREMENTS		SCHEMATIC		TOPOGRAPHY																					
											FOUNDATION		INTERLUPTING ELECTRICAL		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FIRE EXTINGUISHER CABINET		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FINISH FLOOR		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FINISH GRADE		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FIRE HYDRANT		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FIRE HOSE CABINET		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FIGURE		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FINISH		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FIXTURE		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FLOOR		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FLASHING		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FLOORING		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FLUORESCENT		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FIBER OPTIC CABLE		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FIRE PROTECTION		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FIRE PROOF		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FRAME OR FIRE RATED		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FEET OR FINNED TUBE		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FOOTING		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					
											FURRING		SHORT CIRCUIT RATING		REVISIONS		SCHEMATIC		TOPOGRAPHY																					

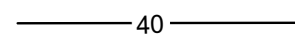
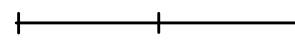
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CIVIL LEGEND

PROPOSED



5+00 6+00



F

E

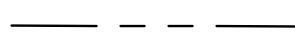
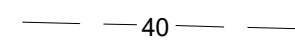
D

C

DEMOLITION / REMOVAL LEGEND

B

SURVEY/EXISTING CONDITIONS LEGEND



A

SYMBOL IDENTIFICATION



— DETAIL IDENTIFICATION
— SHEET NUMBER OF DWG. WHERE
DETAIL IS SHOWN

NOTE: SHEET GRID COLUMN AND ROW LOCATION REFER TO THE LETTERS AND NUMBER WHICH OCCUR ON LEFT SIDE AND TOP OF BORDER.



DETAIL/SECTION / ELEVATION TITLE

SCALE:

SHEET NAMING LEGEND

SAMPLE SHEET NAME:

CS101

DISCIPLINE DESIGNATOR

SHEET TYPE DESIGNATOR

SHEET SEQUENTIAL NUMBER

TABLE 1: DISCIPLINE DESIGNATOR

GI	INDEX/LEGEND SHEETS
G-	LOCATION/VICINITY MAP
VF	SURVEY EXISTING CONDITIONS
V-	SURVEY MONUMENTATION
C-	CIVIL GENERAL
CD	CIVIL DEMOLITION
CS	CIVIL SITE
CT	CIVIL TRANSPORTATION
CG	CIVIL GRADING
CU	CIVIL SITE UTILITY

GENERAL NOTES

1. THESE LEGENDS ARE COMPOSED OF STANDARD SYMBOLS AND ARE PERTINENT TO THE CONDITIONS ON THIS SET OF DRAWINGS TO THE EXTENT APPLICABLE.
2. ADDITIONAL LEGENDS AND/OR ANOTHER LEGEND SHEET MAY APPEAR IN THIS SET OF DRAWINGS TO INDICATE SPECIFIC CONDITIONS IN LIEU OF SYMBOLS SHOWN ON THIS SHEET.

[illegible]

U.S. ARMY CORPS OF ENGINEERS ATTENTION: WILLIAM JOSEPH STREET 109 SAINT JOSEPH STREET MOBILE, ALABAMA	DRAWN BY: J. CAPE S. TURNER CHECKED BY: J. LONG SUBMITTED BY: J. O'DONNELL J. O'DONNELL PROJECT NUMBER: CHC21009 SHEET NO.: FILE NAME: CHCE22001-C-003B.dwg PLOT D.
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LEGEND

SHEET ID
C-003



GENERAL SHEET NOTES

1. FOR LOCATION AND VICINITY MAP, SEE SHEET C-001.
2. FOR PROJECT ABBREVIATIONS, SEE SHEET C-002.
3. FOR PROJECT LEGEND, SEE SHEET C-003.
4. FOR PROJECT NOTES, SEE SHEET C-004.
5. HORIZONTAL DATUM NAD83 STATE PLANE ALABAMA WEST. VERTICAL DATUM NAVD 88.
6. SURVEY WAS NOT PERFORMED. TOPOGRAPHY AND ELEVATIONS SHOWN ARE BASED ON AUTODESK AND GIS DATA. ACTUAL GEOLOCATED CONDITIONS MAY DIFFER.
7. ALL UTILITIES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATIONS OF UTILITIES SHALL BE SURVEYED OR FIELD VERIFIED PRIOR TO CONSTRUCTION.
8. FOR MILLER'S FERRY FISH PASSAGE BYPASS CHANNEL TYPICAL SECTIONS, SEE SHEET CG301.
9. FOR MILLER'S FERRY FISH PASSAGE BYPASS CHANNEL CROSS SECTIONS, SEE SHEETS CG305-CG310.
10. FOR ACCESS ROAD PROFILES, SEE SHEETS CG201-CG202.
11. FOR ACCESS ROAD TYPICAL SECTIONS, SEE SHEET CG302.

 SHEET KEYNOTES

1. PROPOSED COFFER DAM. SEE SHEET S-100.
2. PROPOSED GATED BYPASS STRUCTURE. SEE SHEET S-100.
3. PROPOSED COFFERDAM FOR CONSTRUCTION OF BYPASS STRUCTURE. SEE SHEET S-100.
4. PROPOSED PUBLIC BRIDGE. SEE SHEET S-100.
5. CONTRACTOR STAGING AND LAY DOWN AREA.
6. PROPOSED RIP RAP.
7. PROPOSED ACCESS ROAD.
8. PROPOSED DISPOSAL SITE.
9. FEDERAL LANDS PROPERTY LINE.
10. PROPOSED NEW ELECTRICAL SERVICE FOR GATED BYPASS STRUCTURE. CONNECT TO EXISTING OVERHEAD PRIMARY LINE.



**U.S. Army Corps
Engineers®**

[illegible]

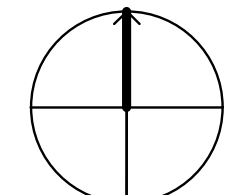
109 SAINT JOSEPH STREET MOBILE, ALABAMA	DRAWN BY: J. CAPE	SOLICITATION NO.:
	CHECKED BY:	CONTRACT NO.:
	DESIGNED BY: SUBMITTED BY:	PROJECT NUMBER: CHB22001
	SIZE: FILE NAME: J. O'DONNELL	ANSID: CHB22001-GC101B.DWG

GENERAL INVESTIGATION STUDY

SHEET ID

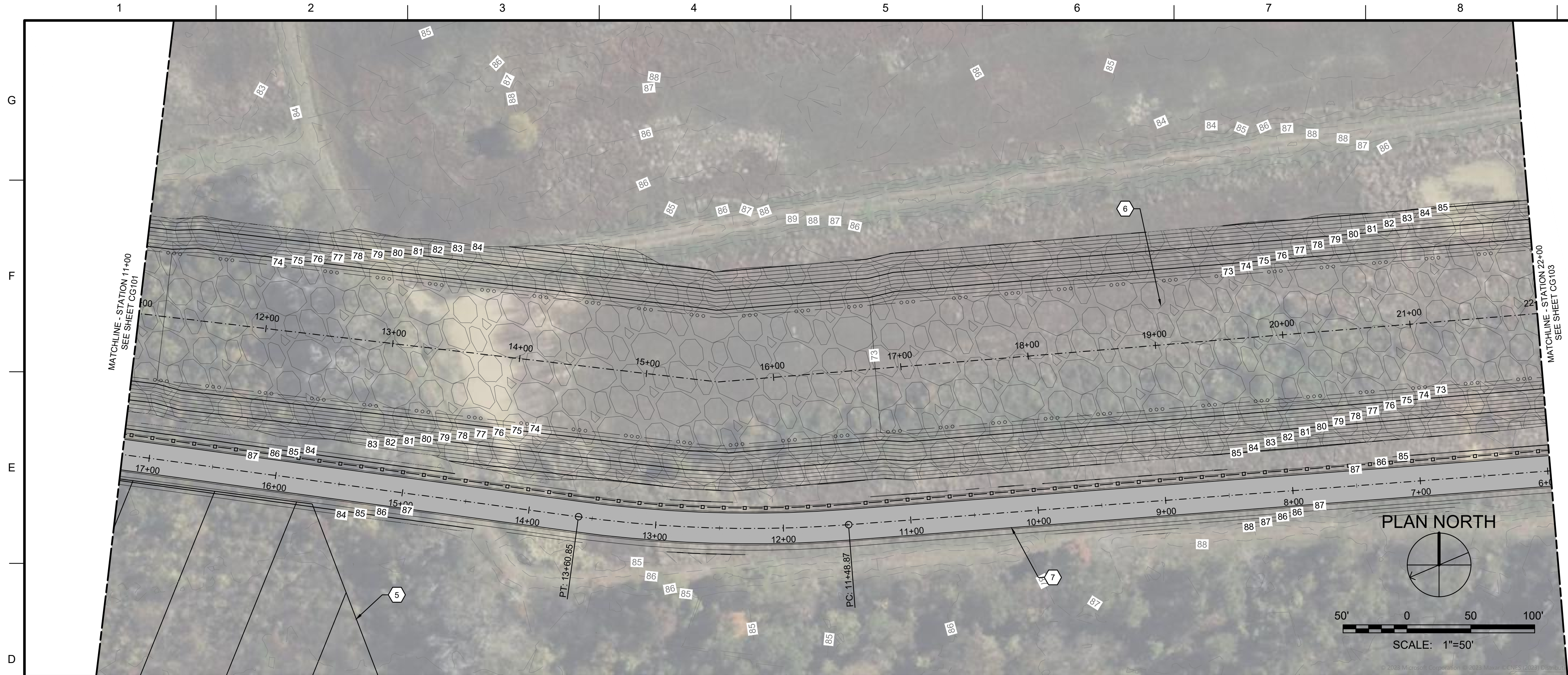
GC101

PLAN NORTH

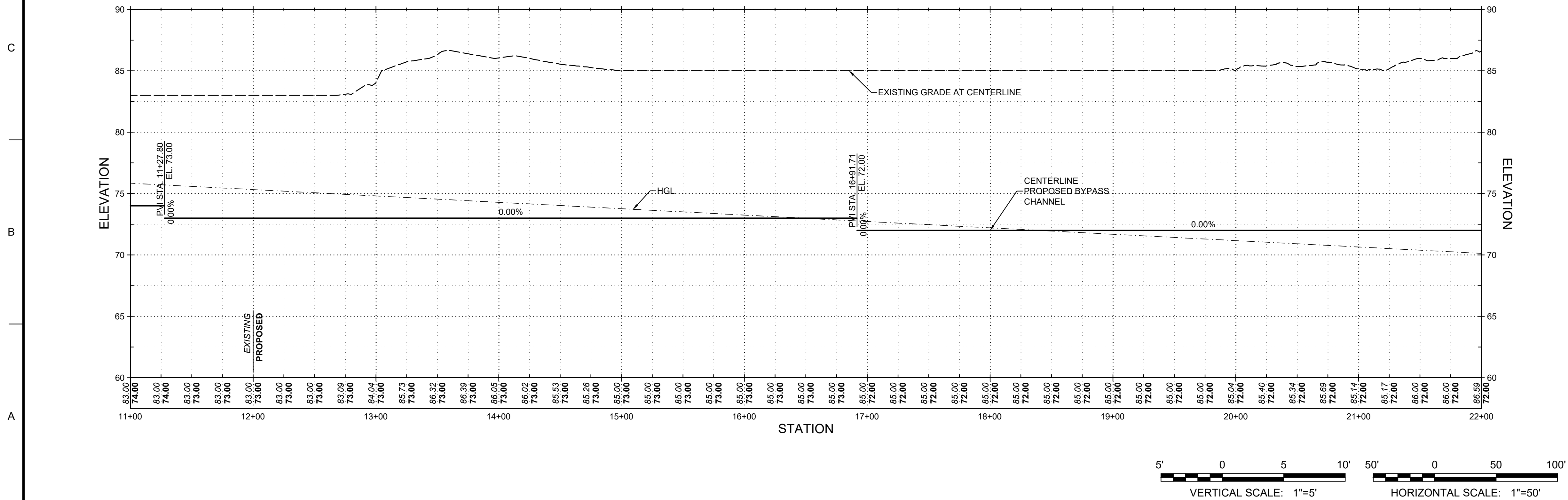


400' 0 400 800'

SCALE: 1"=400'



PROFILE VIEW OF MILLERS FERRY BYPASS CHANNEL



- GENERAL SHEET NOTES
- FOR LOCATION AND VICINITY MAP, SEE SHEET C-001.
 - FOR PROJECT ABBREVIATIONS, SEE SHEET C-002.
 - FOR PROJECT LEGEND, SEE SHEET C-003.
 - FOR PROJECT NOTES, SEE SHEET C-004.
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 - FOR MILLER'S FERRY FISH PASSAGE BYPASS CHANNEL CROSS SECTIONS, SEE SHEETS CG303-CG308.
 - FOR ACCESS ROAD PROFILES, SEE SHEETS CG201-CG202.
 - FOR ACCESS ROAD TYPICAL SECTIONS, SEE SHEET CG302.
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 - PROPOSED COFFERDAM FOR CONSTRUCTION OF BYPASS STRUCTURE. SEE SHEET S-100.
 - PROPOSED PUBLIC BRIDGE. SEE SHEET S-100.
 - CONTRACTOR STAGING AND LAY DOWN AREA.
 - PROPOSED RIP RAP.
 - PROPOSED ACCESS ROAD.
 - PROPOSED DISPOSAL SITE.
 - FEDERAL LANDS PROPERTY LINE.

US Army Corps of Engineers®

ISSUE DATE:		SOLICITATION NO.:		CONTRACT NO.:		PROJECT NUMBER:	
MM	YY	MM	YY	MM	YY	MM	YY

DESIGNED BY:		DRAWN BY:		CHECKED BY:		SUBMITTED BY:		FILE NAME:	
MM	YY	MM	YY	MM	YY	MM	YY	MM	YY

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 SAINT JOSEPH STREET
MOBILE, ALABAMA

FRANKLIN, ALABAMA
LOWER ALABAMA RIVER FISH PASSAGE
GENERAL INVESTIGATION STUDY

MILLERS FERRY BYPASS CHANNEL
GRADING PLAN AND PROFILE

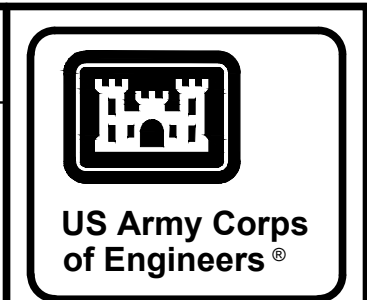
SHEET ID

CG102



- ### GENERAL SHEET NOTES
- FOR LOCATION AND VICINITY MAP, SEE SHEET C-001.
 - FOR PROJECT ABBREVIATIONS, SEE SHEET C-002.
 - FOR PROJECT LEGEND, SEE SHEET C-003.
 - FOR PROJECT NOTES, SEE SHEET C-004.
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 - FOR ACCESS ROAD TYPICAL SECTIONS, SEE SHEET CG302.

- ### SHEET KEYNOTES
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 - PROPOSED RIP RAP.
 - PROPOSED ACCESS ROAD.
 - PROPOSED DISPOSAL SITE.
 - FEDERAL LANDS PROPERTY LINE.

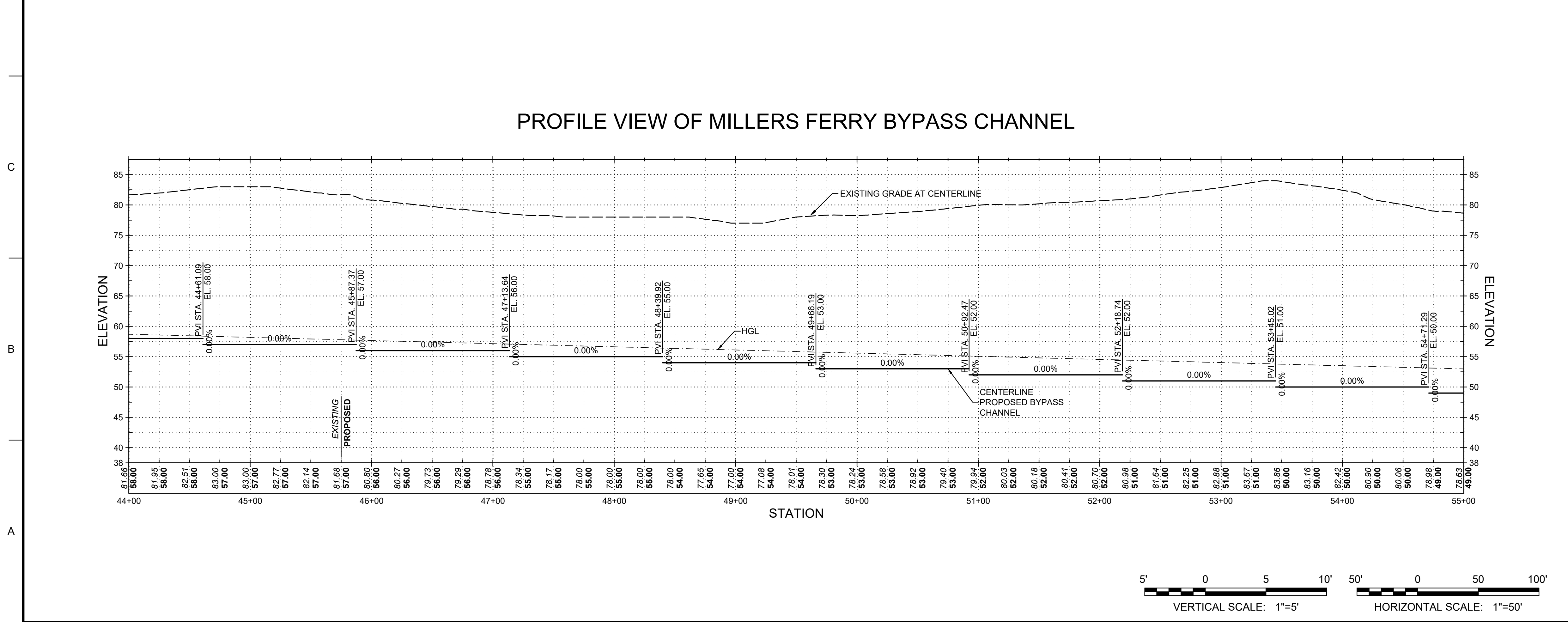


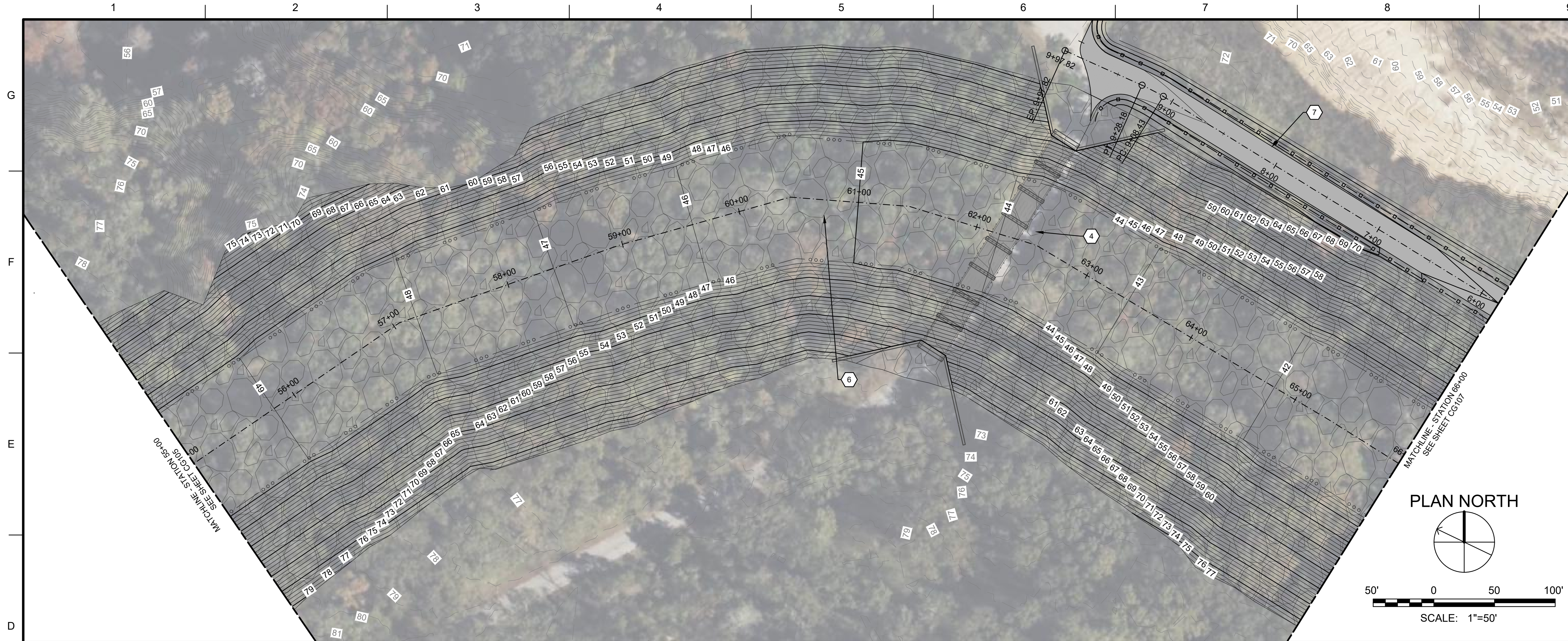
DATE	DESCRIPTION	MARK

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DRAWN BY: J. CAPE	CONTRACT NO.:	PROJECT NUMBER: CHB22001
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SUBMITTED BY:		
SIZE:		
ANSI D		

FRANKLIN, ALABAMA LOWER ALABAMA RIVER FISH PASSAGE GENERAL INVESTIGATION STUDY	MILLERS FERRY BYPASS CHANNEL GRADING PLAN AND PROFILE
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SHEET ID CG105

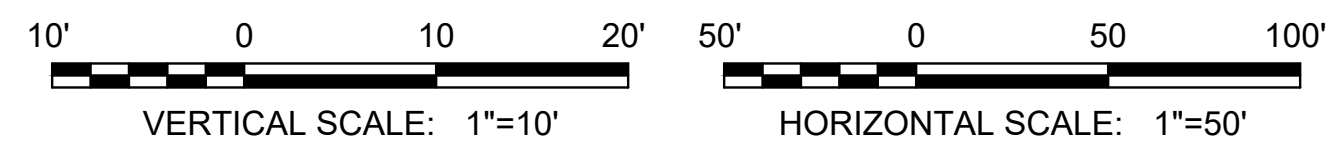
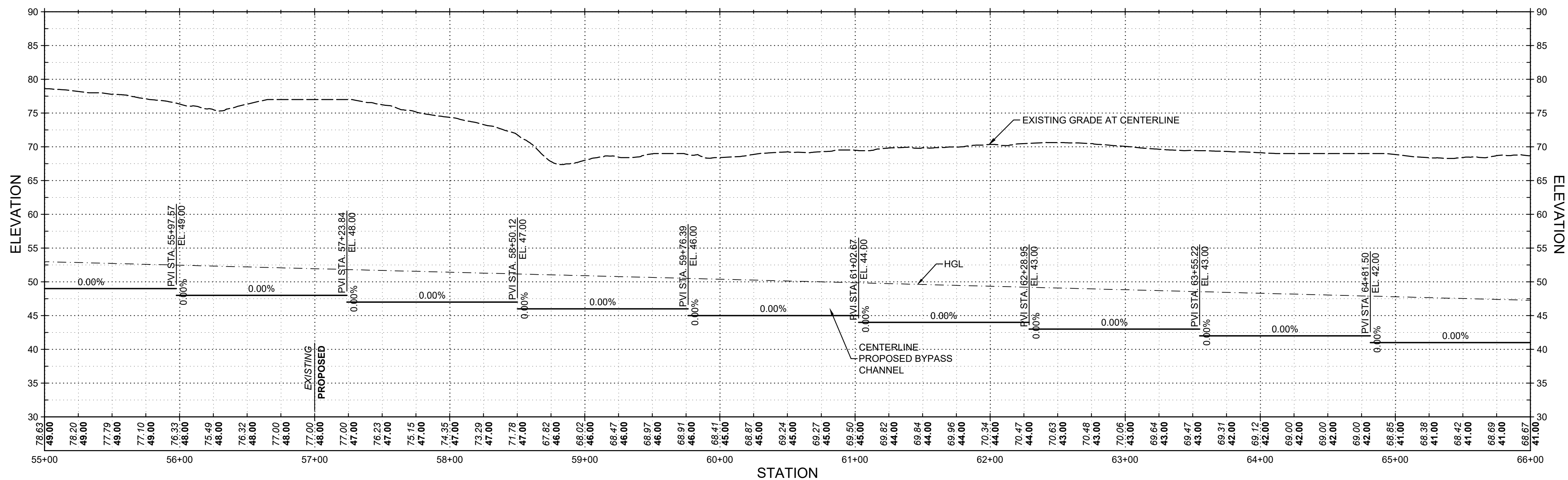




- ### GENERAL SHEET NOTES
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 - FOR PROJECT LEGEND, SEE SHEET C-003.
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 - PROPOSED DISPOSAL SITE.
 - FEDERAL LANDS PROPERTY LINE.

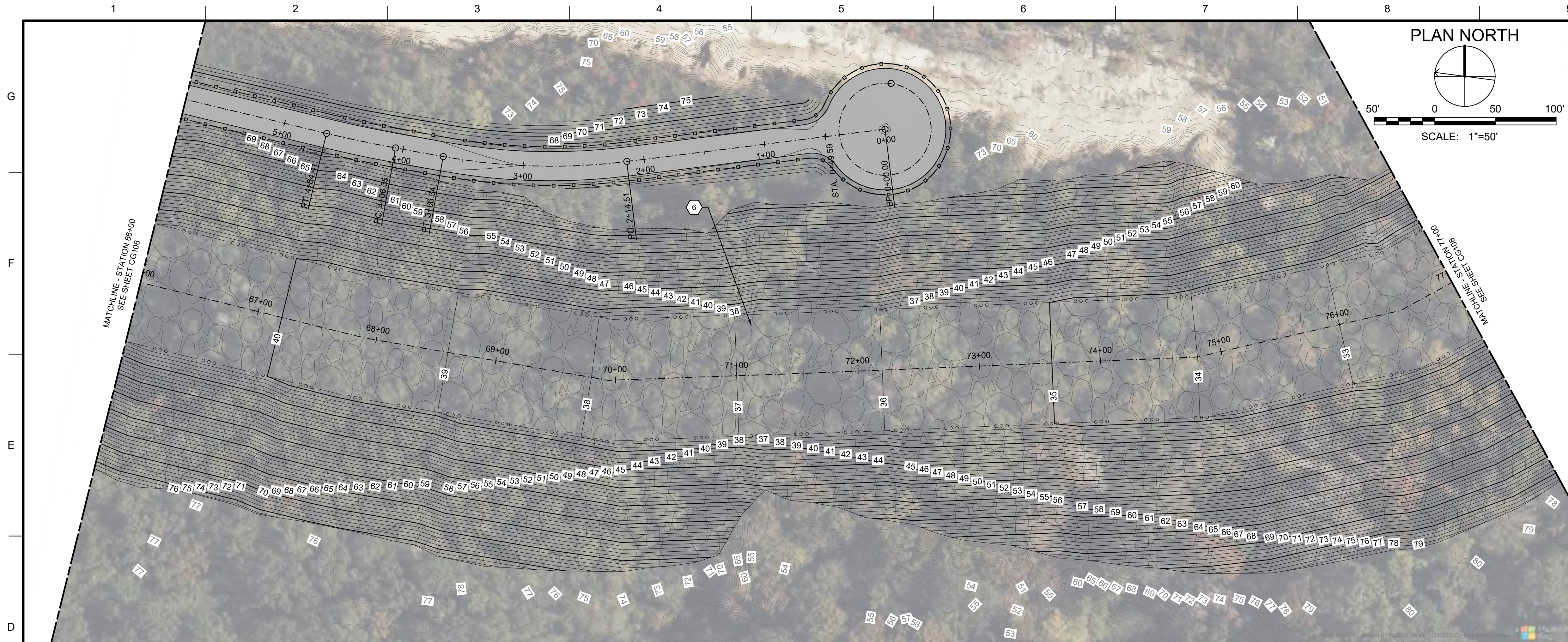
PROFILE VIEW OF MILLERS FERRY BYPASS CHANNEL



ISSUE DATE:		SOLICITATION NO.:		CONTRACT NO.:		PROJECT NUMBER:	
MM/YY	MM/YY						
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J. CAPE		J. CAPE		J. CAPE		J. CAPE	
U.S. ARMY CORPS OF ENGINEERS		MOBILE DISTRICT		109 SAINT JOSEPH STREET		MOBILE, ALABAMA	
FRANKLIN, ALABAMA		LOWER ALABAMA RIVER FISH PASSAGE		GENERAL INVESTIGATION STUDY		MILLERS FERRY BYPASS CHANNEL	
						GRADING PLAN AND PROFILE	

SHEET ID

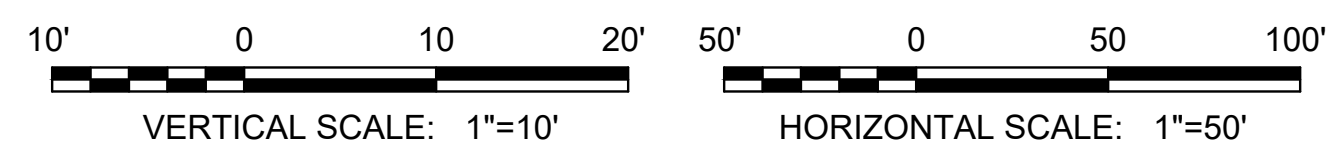
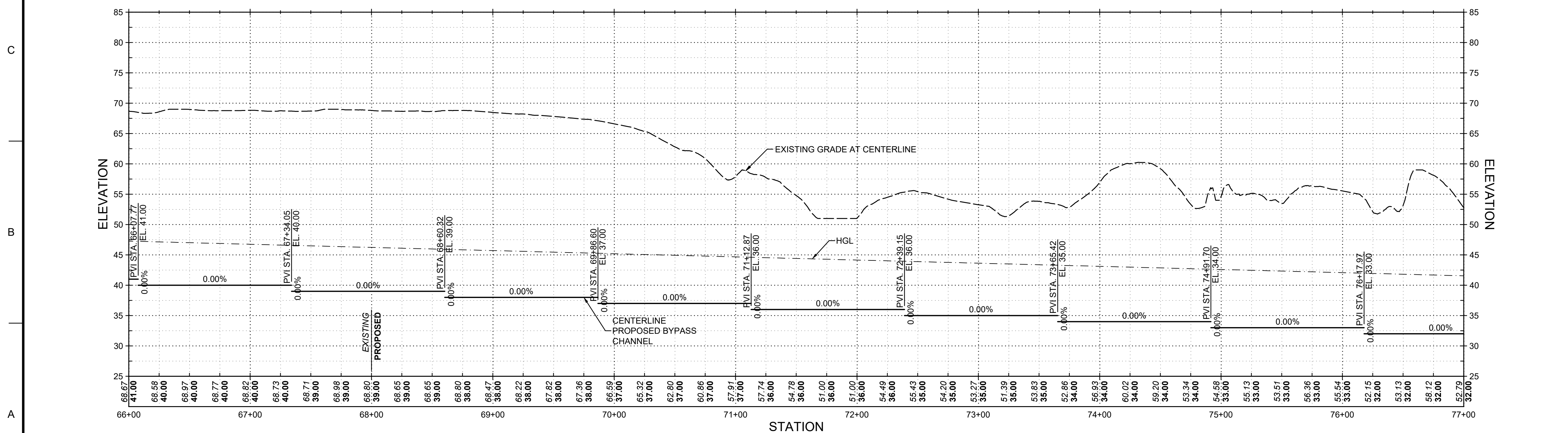
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- ### GENERAL SHEET NOTES
- FOR LOCATION AND VICINITY MAP, SEE SHEET C-001.
 - FOR PROJECT ABBREVIATIONS, SEE SHEET C-002.
 - FOR PROJECT LEGEND, SEE SHEET C-003.
 - FOR PROJECT NOTES, SEE SHEET C-004.
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 - PROPOSED RIP RAP.
 - PROPOSED ACCESS ROAD.
 - PROPOSED DISPOSAL SITE.
 - FEDERAL LANDS PROPERTY LINE.

PROFILE VIEW OF MILLERS FERRY BYPASS CHANNEL



US Army Corps of Engineers®

ISSUE DATE:		SOLICITATION NO.:		CONTRACT NO.:		PROJECT NUMBER:	
MM	YY	MM	YY	MM	YY	MM	YY

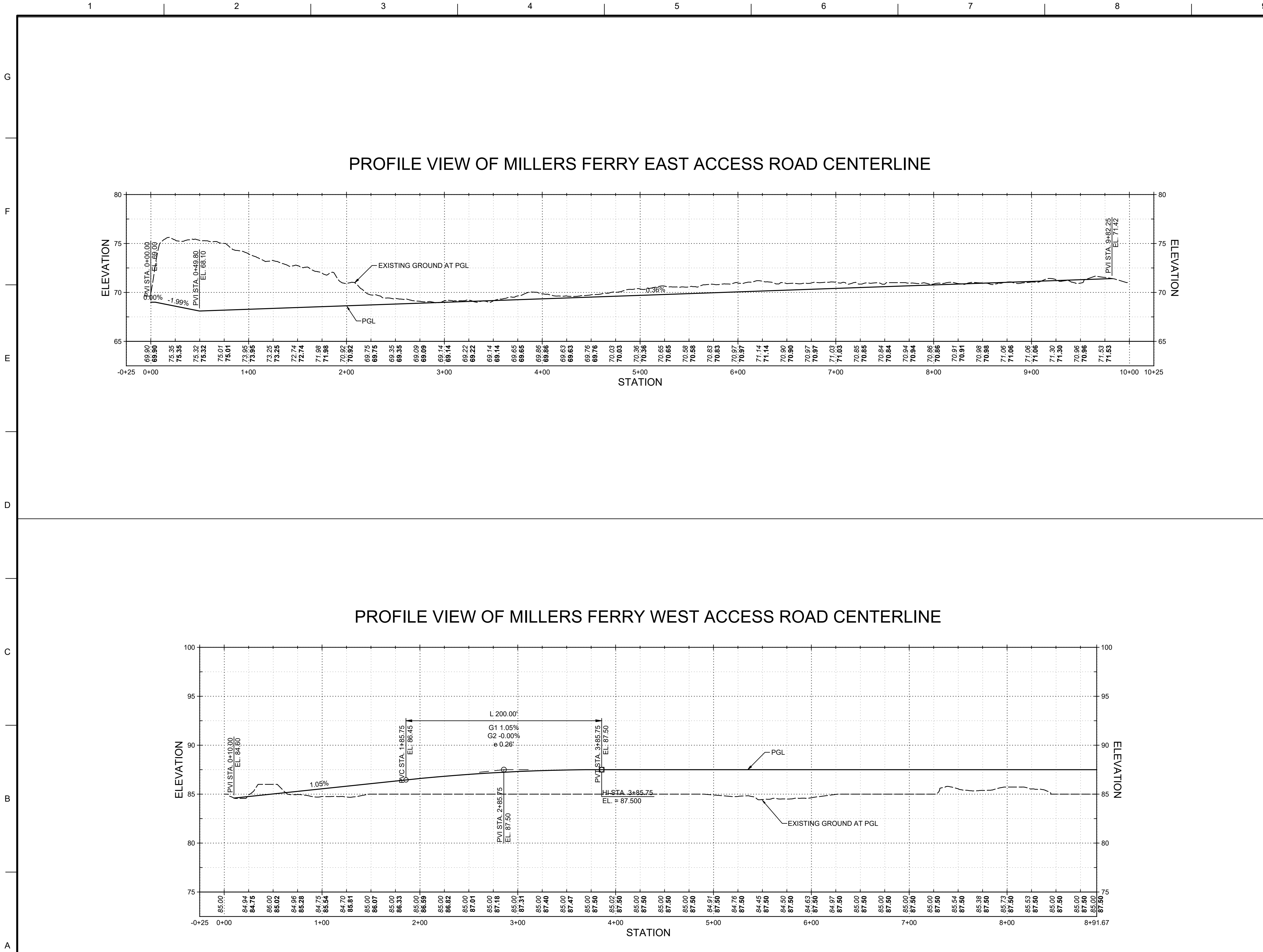
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J. CAPE				ANS1D

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 SAINT JOSEPH STREET
MOBILE, ALABAMA

FRANKLIN, ALABAMA
LOWER ALABAMA RIVER FISH PASSAGE
GENERAL INVESTIGATION STUDY

MILLERS FERRY BYPASS CHANNEL
GRADING PLAN AND PROFILE

SHEET ID
CG107



G

F

E

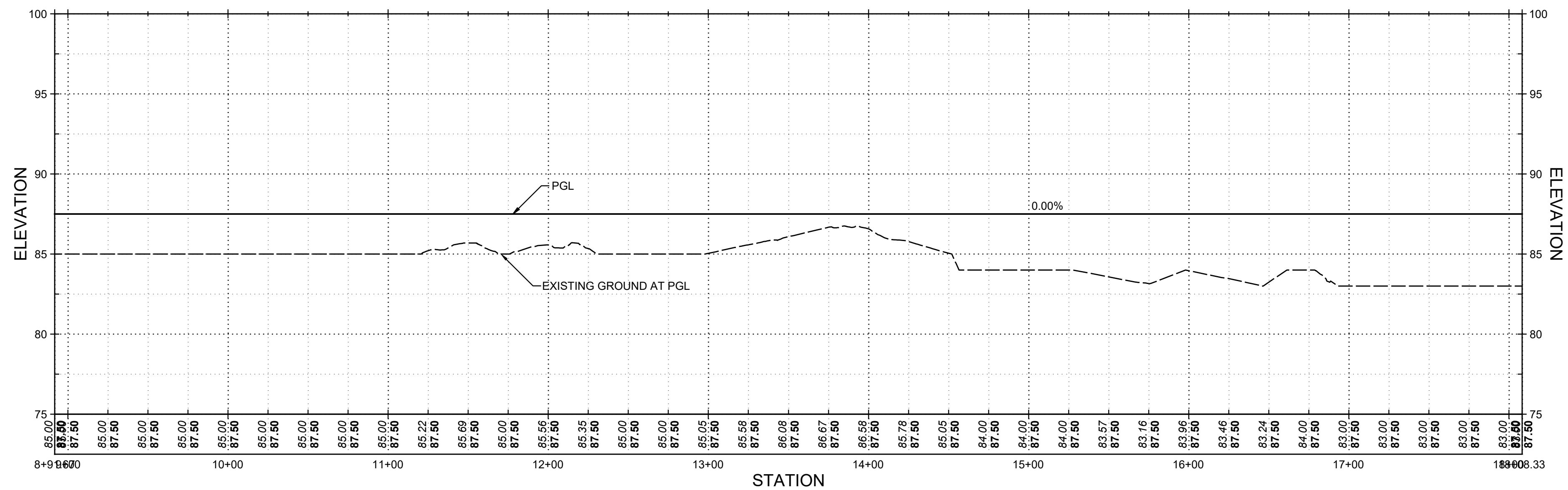
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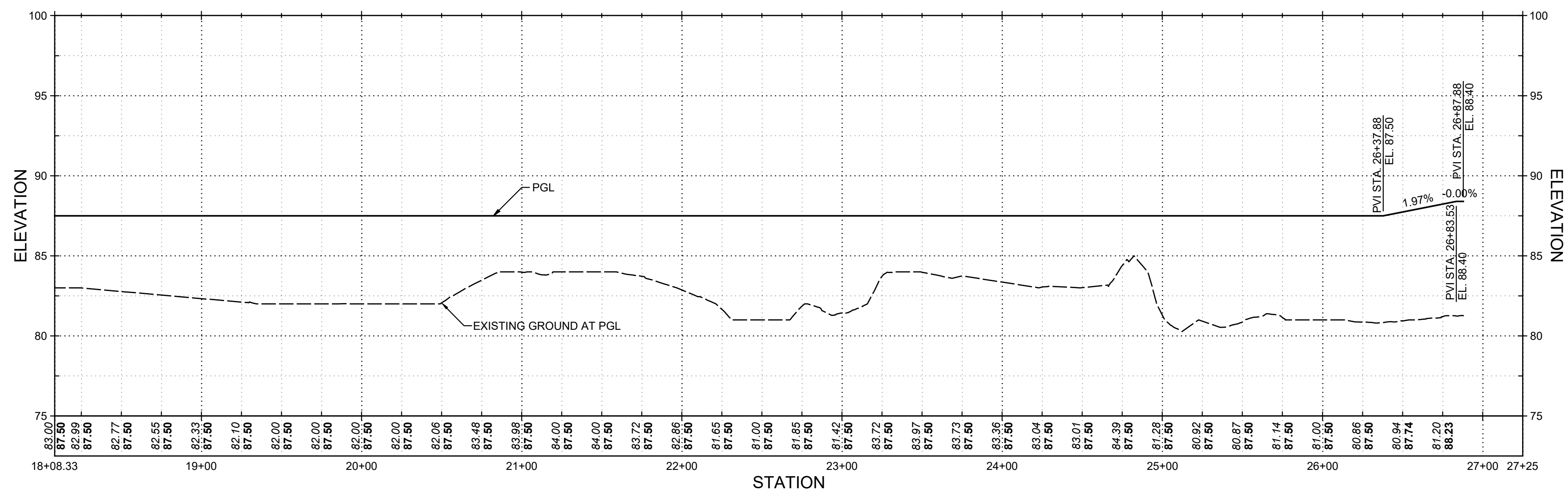
B

A

PROFILE VIEW OF MILLERS FERRY WEST ACCESS ROAD CENTERLINE



PROFILE VIEW OF MILLERS FERRY WEST ACCESS ROAD CENTERLINE



GENERAL SHEET NOTES

1. FOR LOCATION AND VICINITY MAP, SEE SHEET C-001.
2. FOR PROJECT ABBREVIATIONS, SEE SHEET C-002.
3. FOR PROJECT LEGEND, SEE SHEET C-003.
4. FOR PROJECT NOTES, SEE SHEET C-004.
5. FOR MILLER'S FERRY FISH PASSAGE BYPASS CHANNEL TYPICAL SECTIONS, SEE SHEET CG301.
6. FOR MILLER'S FISH PASSAGE BYPASS CHANNEL CROSS SECTIONS, SEE SHEETS CG303-CG308.
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8. FOR ACCESS ROAD TYPICAL SECTIONS, SEE SHEET CG302.

[illegible]

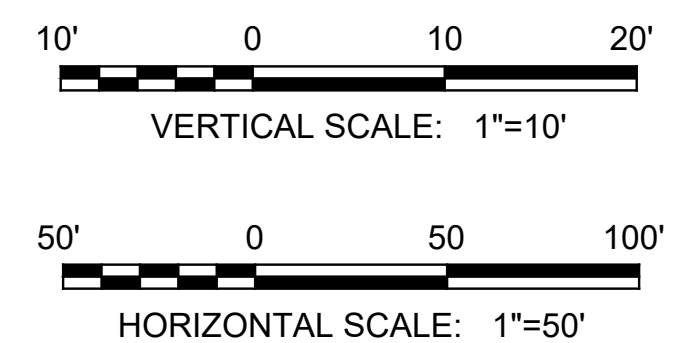
U.S. ARMY CORPS OF ENGINEERS MOBILE DISTRICT/REET 109 S. GULF SHORE BLVD MOBILE, ALABAMA	J. CAPE	MMN YYYY
	DRAWN BY:	SOLICITATION NO.:
	J. CAPE	
	CHECKED BY:	CONTRACT NO.:
	SUBMITTED BY:	PROJECT NUMBER:
	SIZE:	FILE NAME:
	ANS/D	

FRANKLIN, ALABAMA
LOWER ALABAMA RIVER FISH PASSAGE
GENERAL INVESTIGATION STUDY

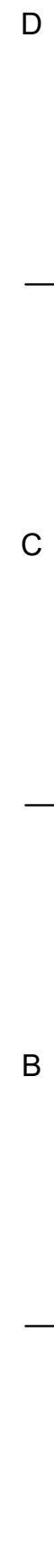
MILLERS FERRY BYPASS CHANNEL
ACCESS ROAD PROFILES

SHEET ID

CG202



A
B
C
D
E
F
G



1. FOR LOCATION AND VICINITY MAP, SEE SHEET C-001.
2. FOR PROJECT ABBREVIATIONS, SEE SHEET C-002.
3. FOR PROJECT LEGEND, SEE SHEET C-003.
4. FOR PROJECT NOTES, SEE SHEET C-004.
5. FOR MILLER'S FERRY FISH PASSAGE BYPASS CHANNEL
TYPICAL SECTIONS, SEE SHEET CG301.
6. FOR MILLERS FISH PASSAGE BYPASS CHANNEL CROSS
SECTIONS, SEE SHEETS CG303-CG308.
7. FOR ACCESS ROAD PROFILES, SEE SHEETS CG201-CG202.
8. FOR ACCESS ROAD TYPICAL SECTIONS, SEE SHEET
CG302.

[illegible]

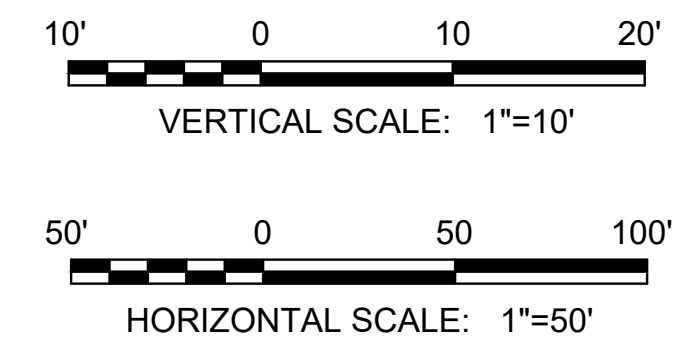
109 SAINT JOSEPH STREET MOBILE, ALABAMA	DRAWN BY: J. CAPE		SOLICITATION NO.:
	CHECKED BY:		CONTRACT NO.:
	SUBMITTED BY:		PROJECT NUMBER: CH622001
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GENERAL INVESTIGATION STUDY

MILLERS FERRY BYPASS CHANNEL BRIDGE PROFILES

SHEET ID

CG203

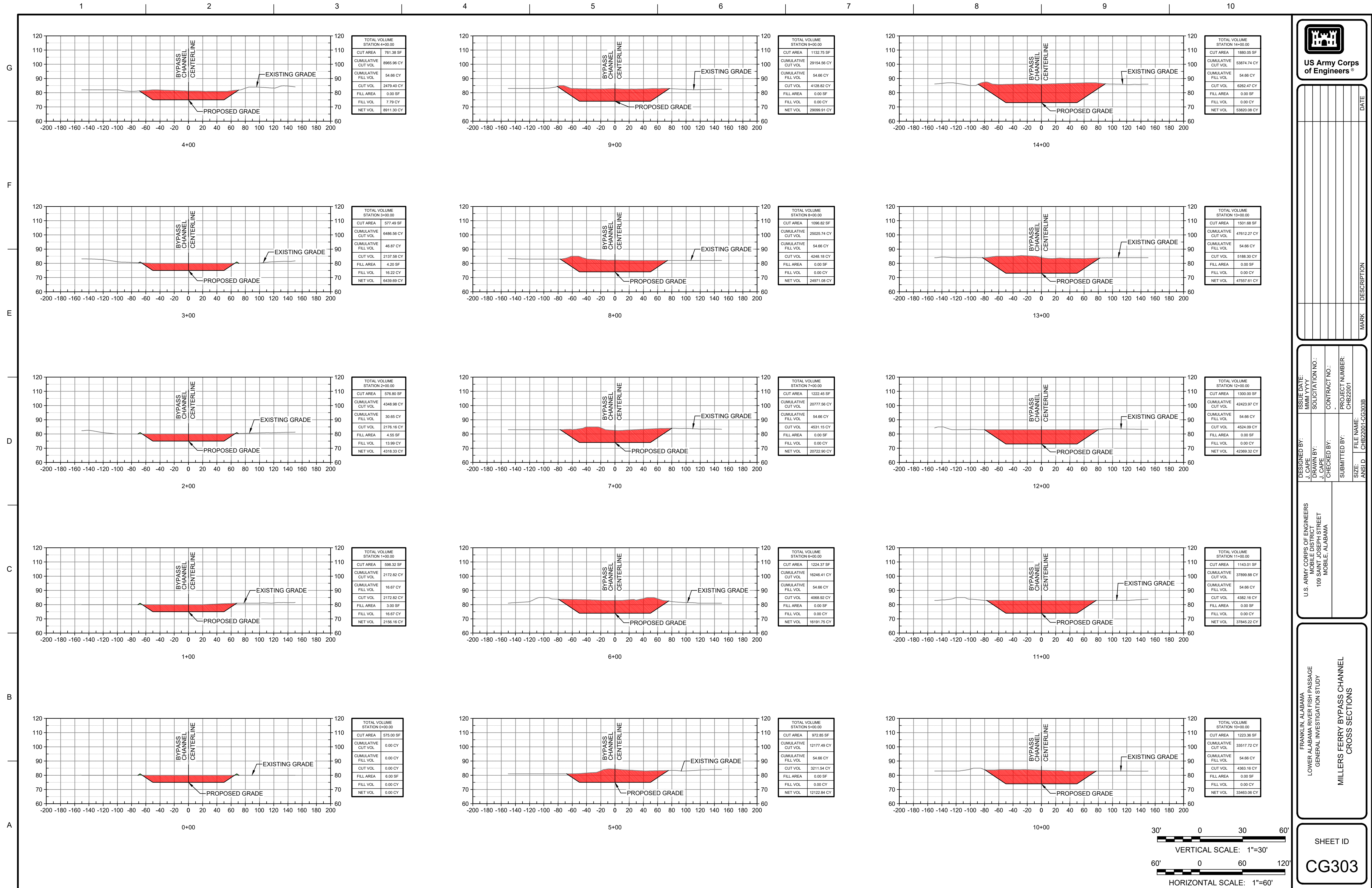


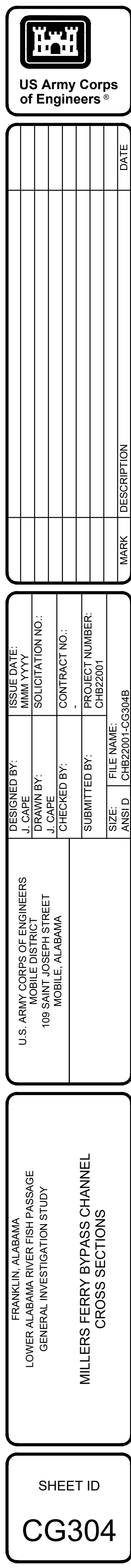
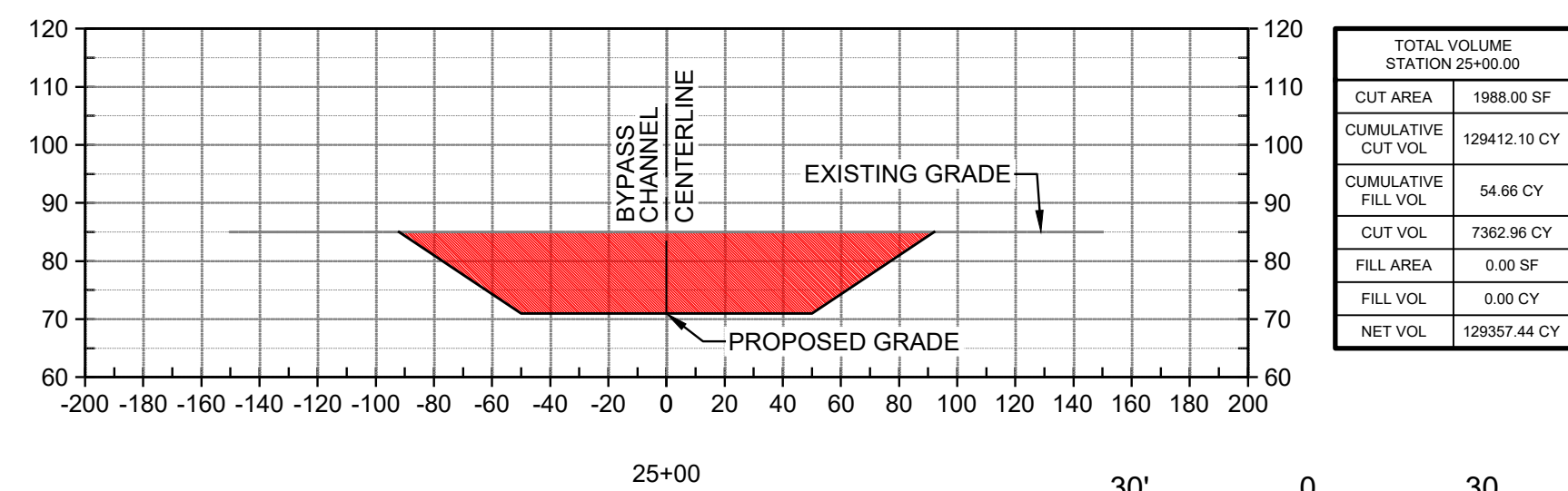
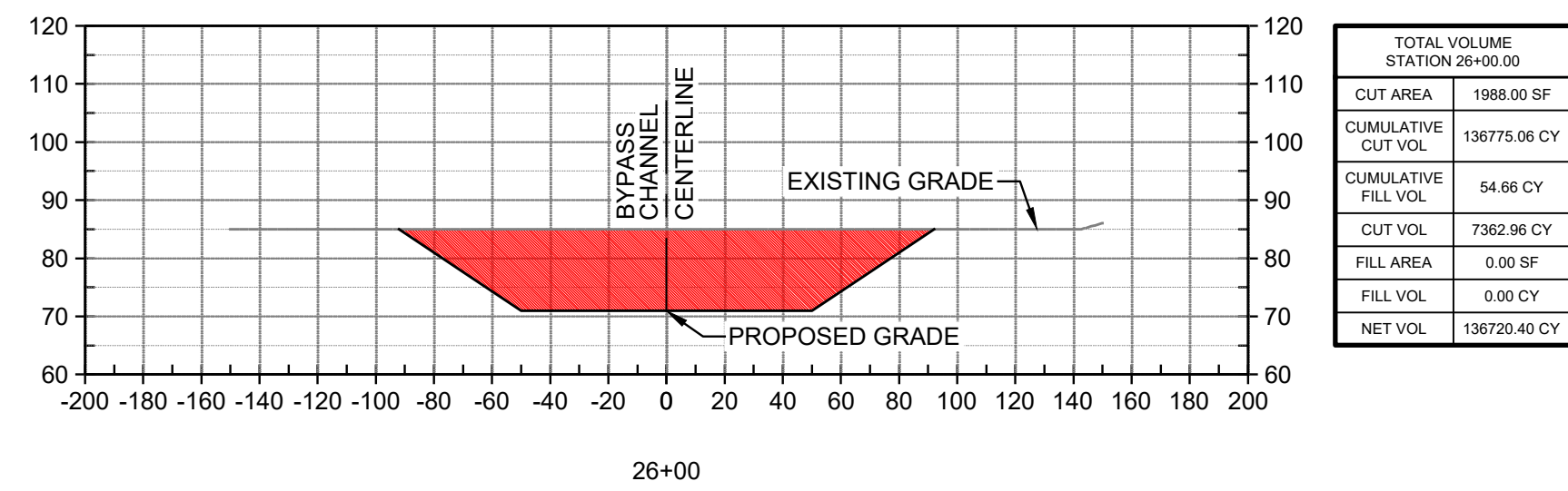
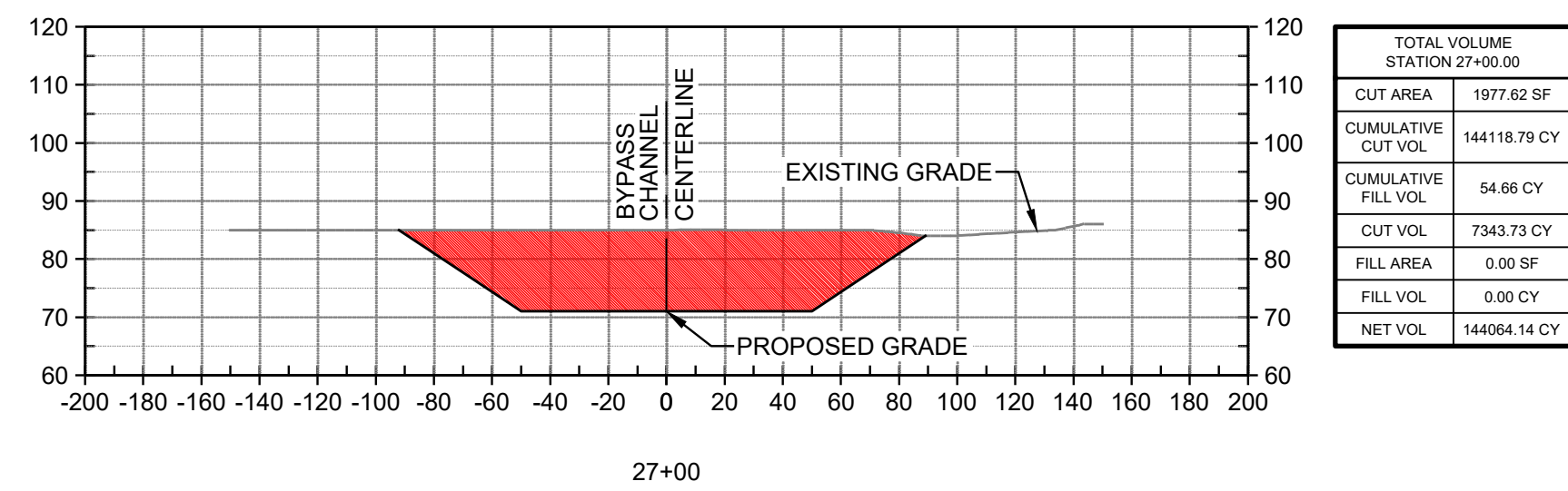
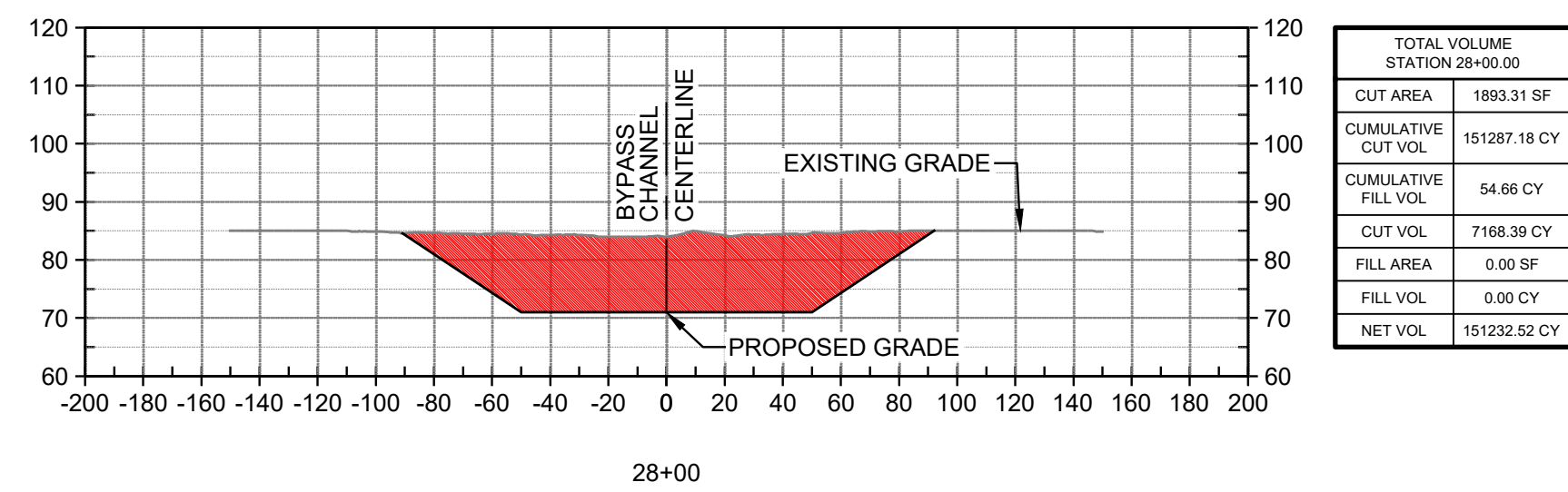
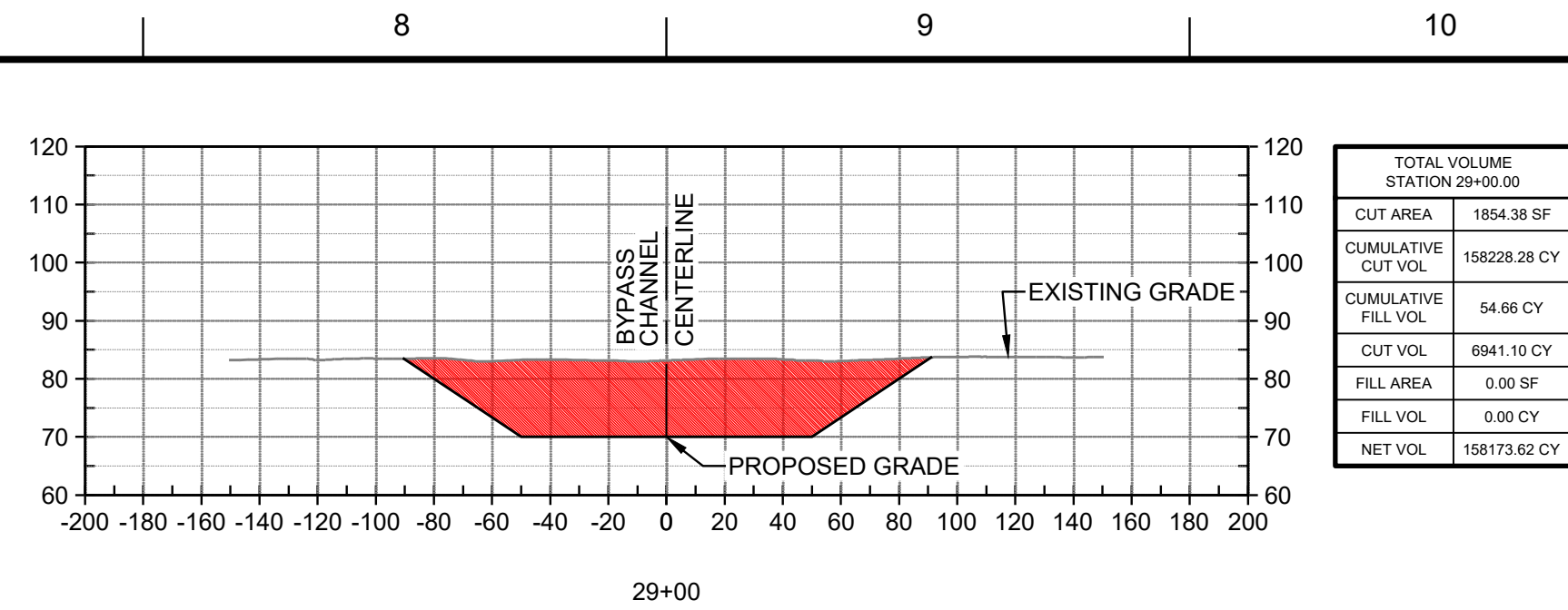
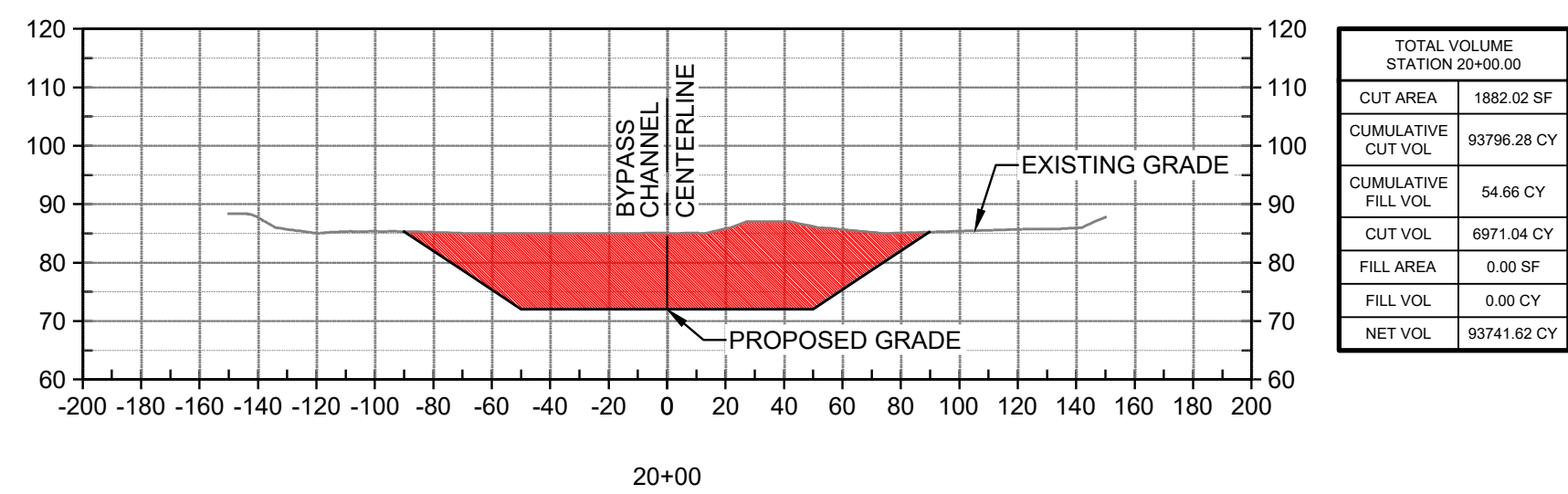
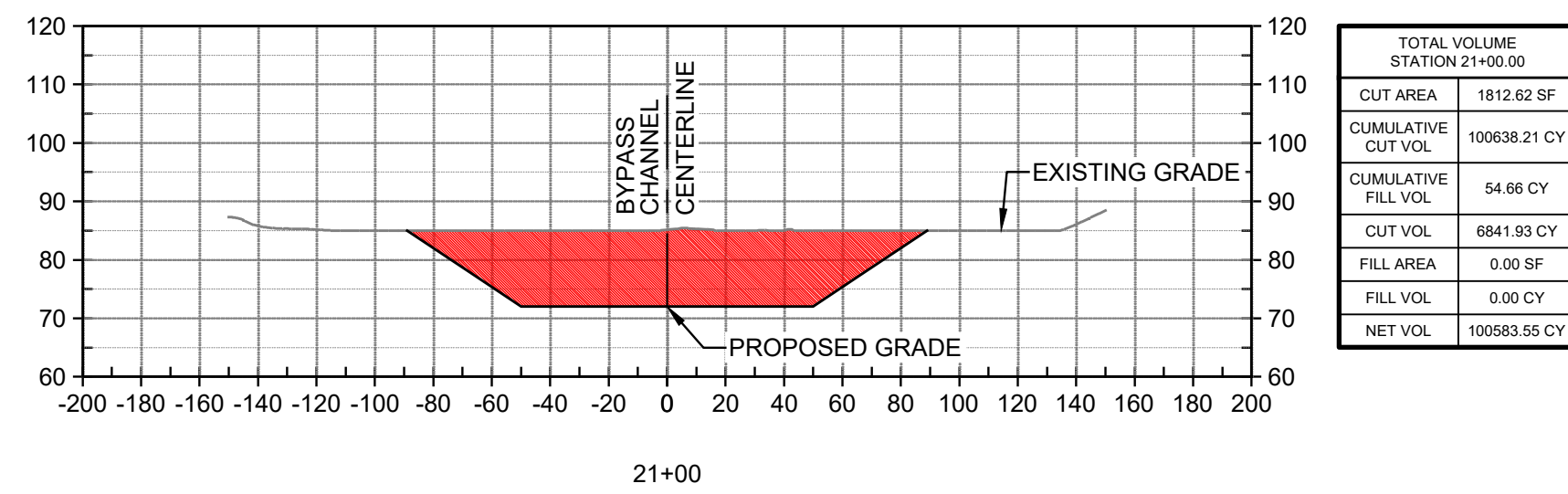
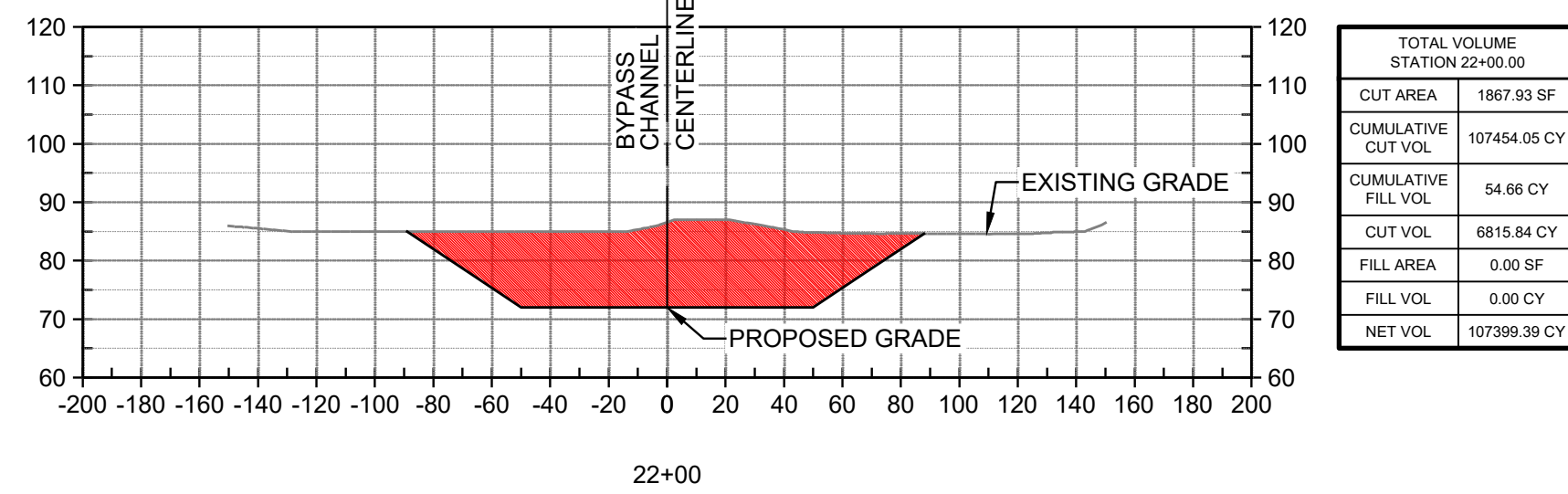
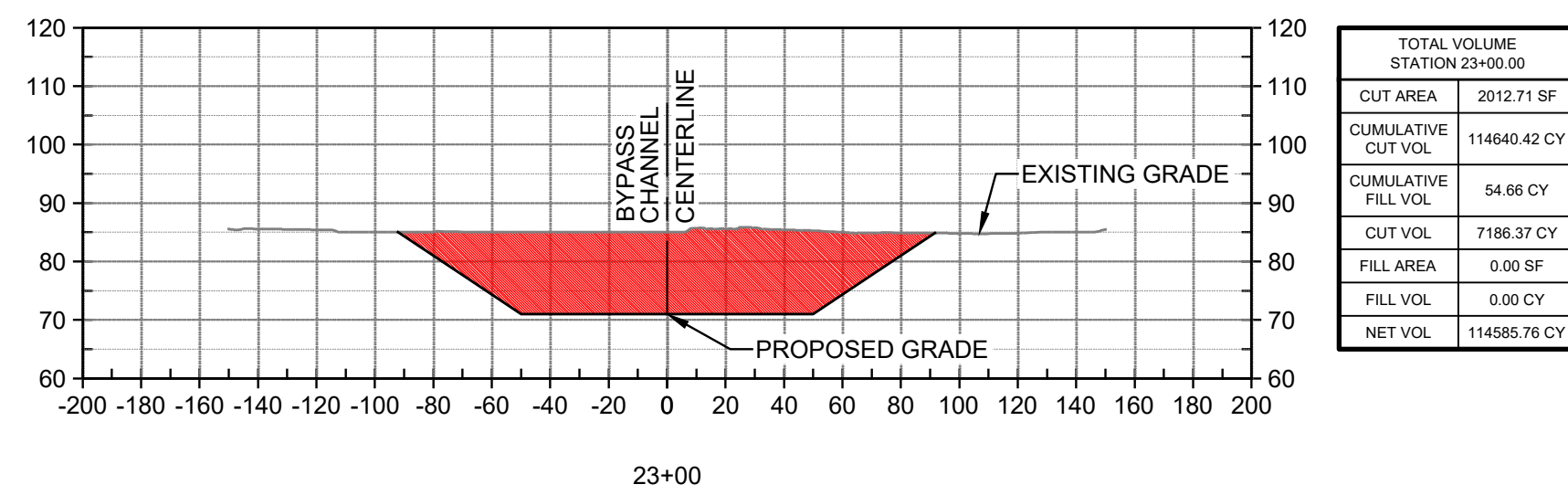
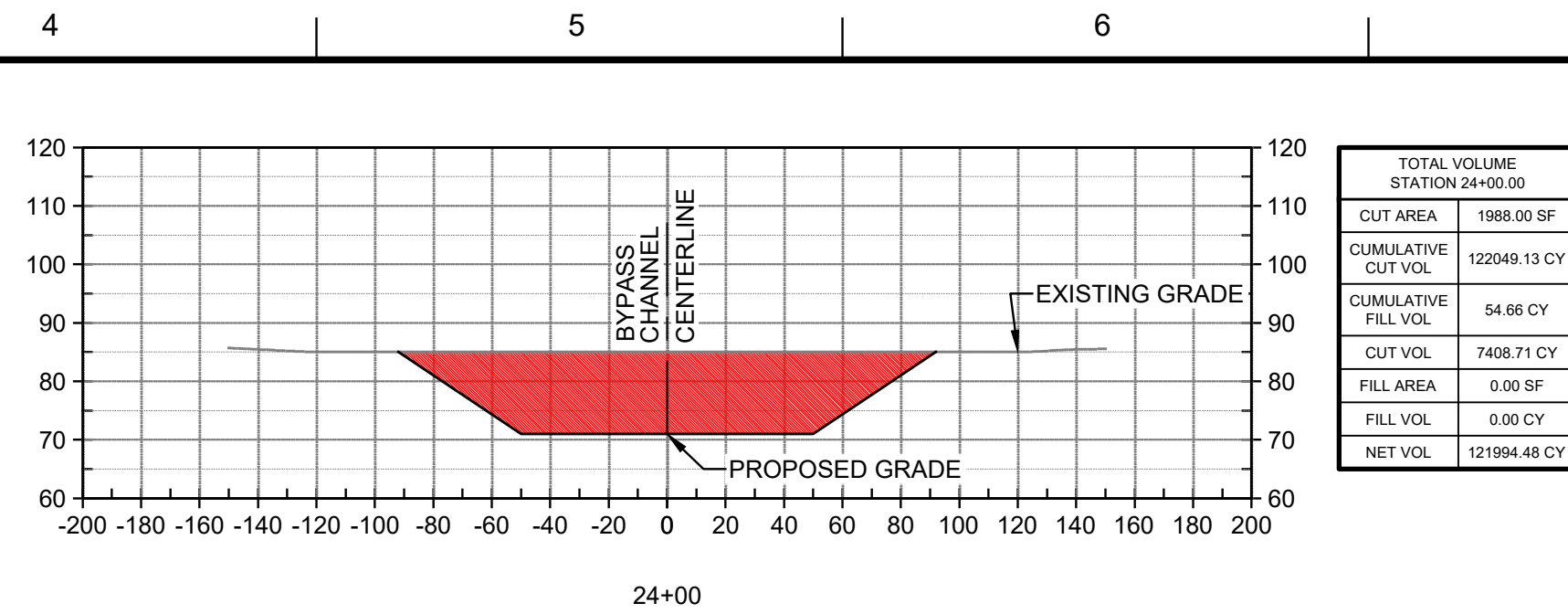
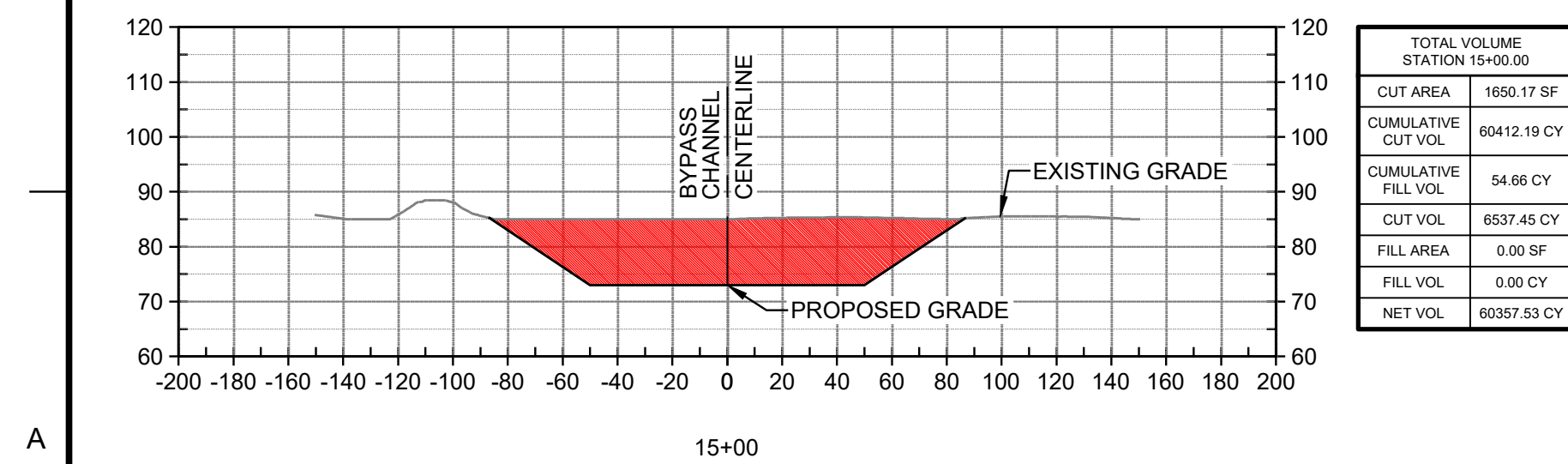
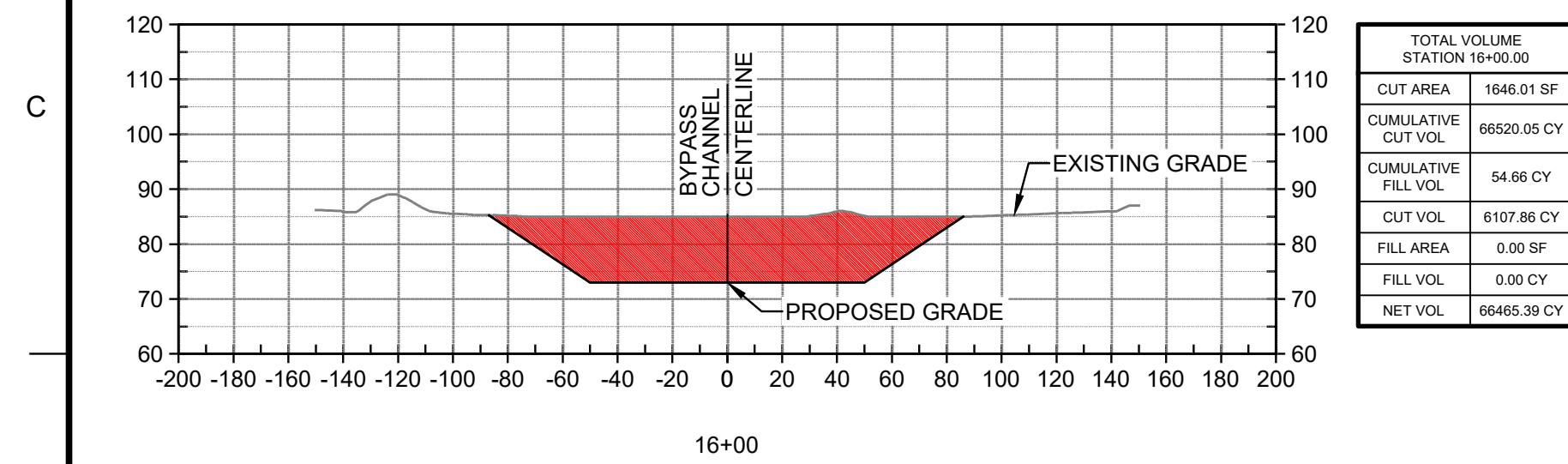
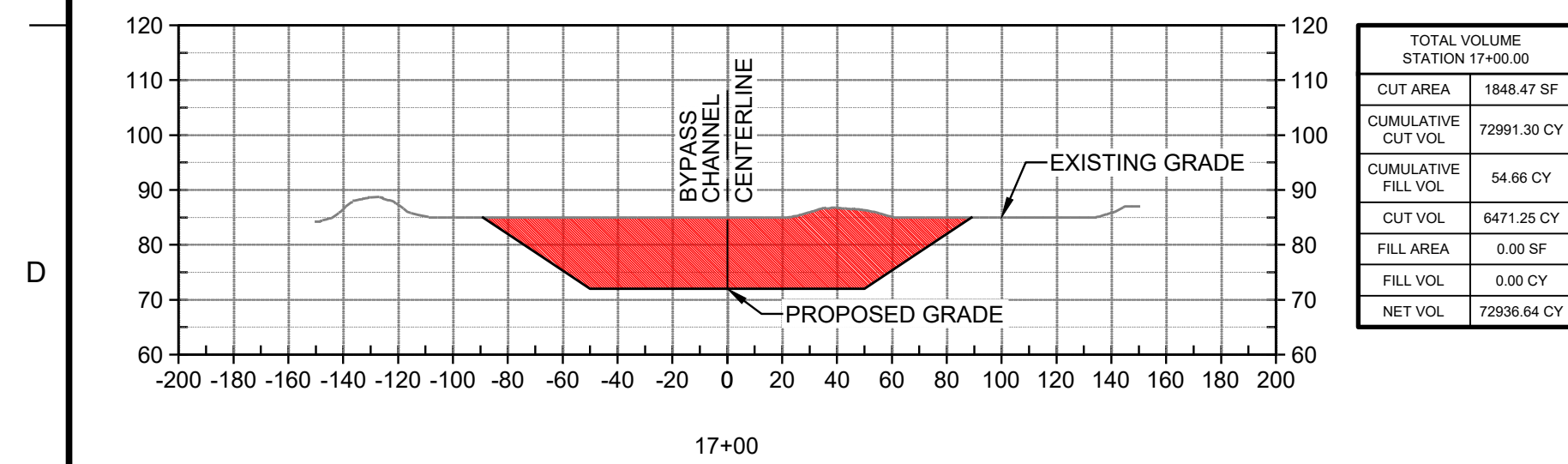
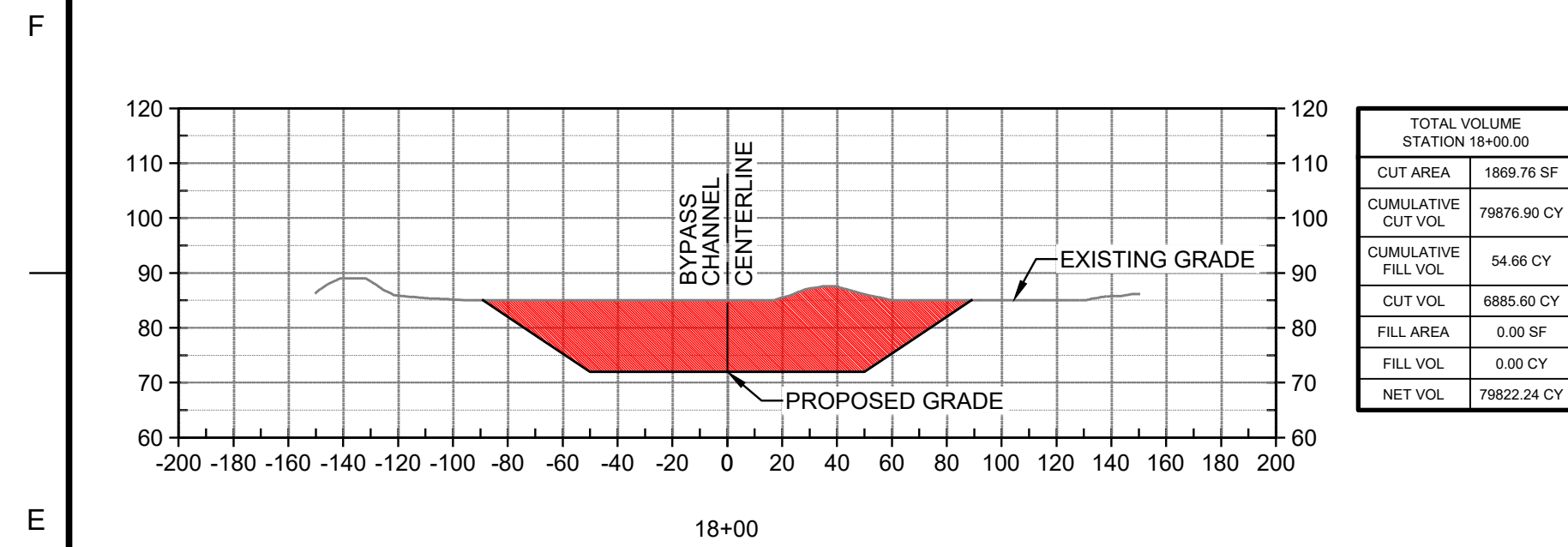
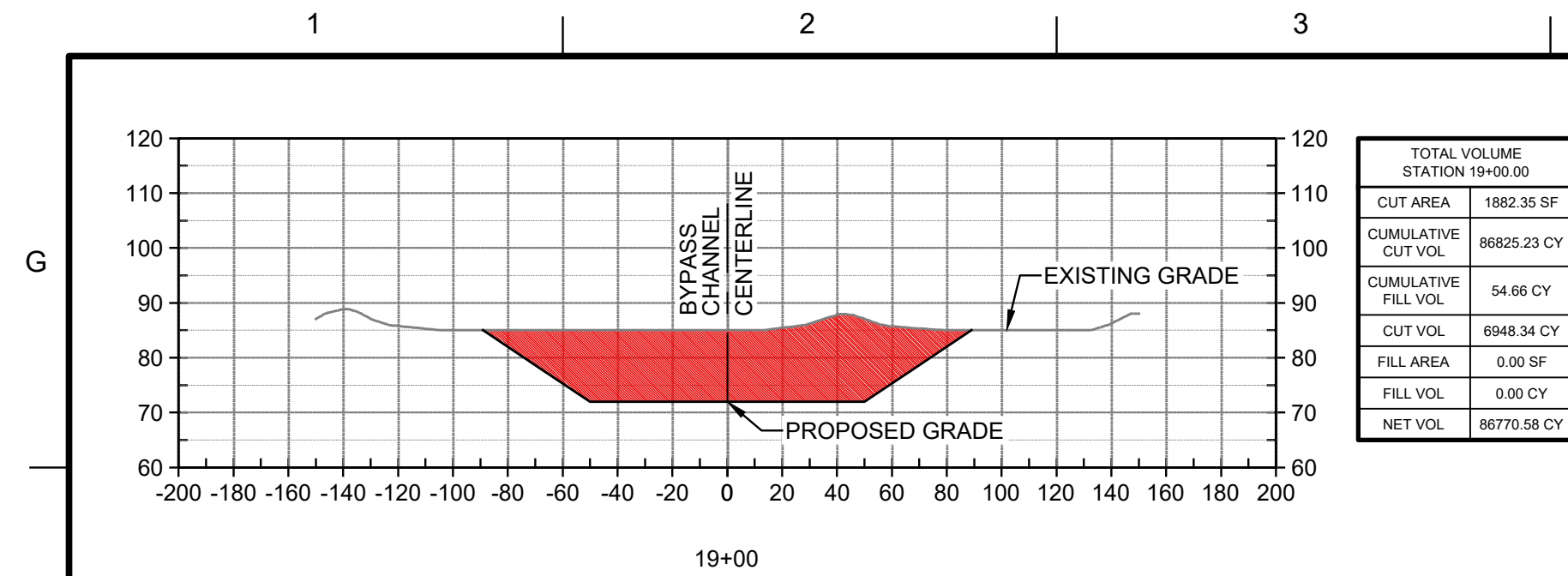
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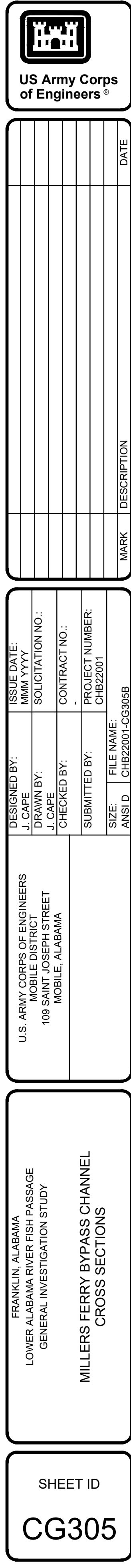
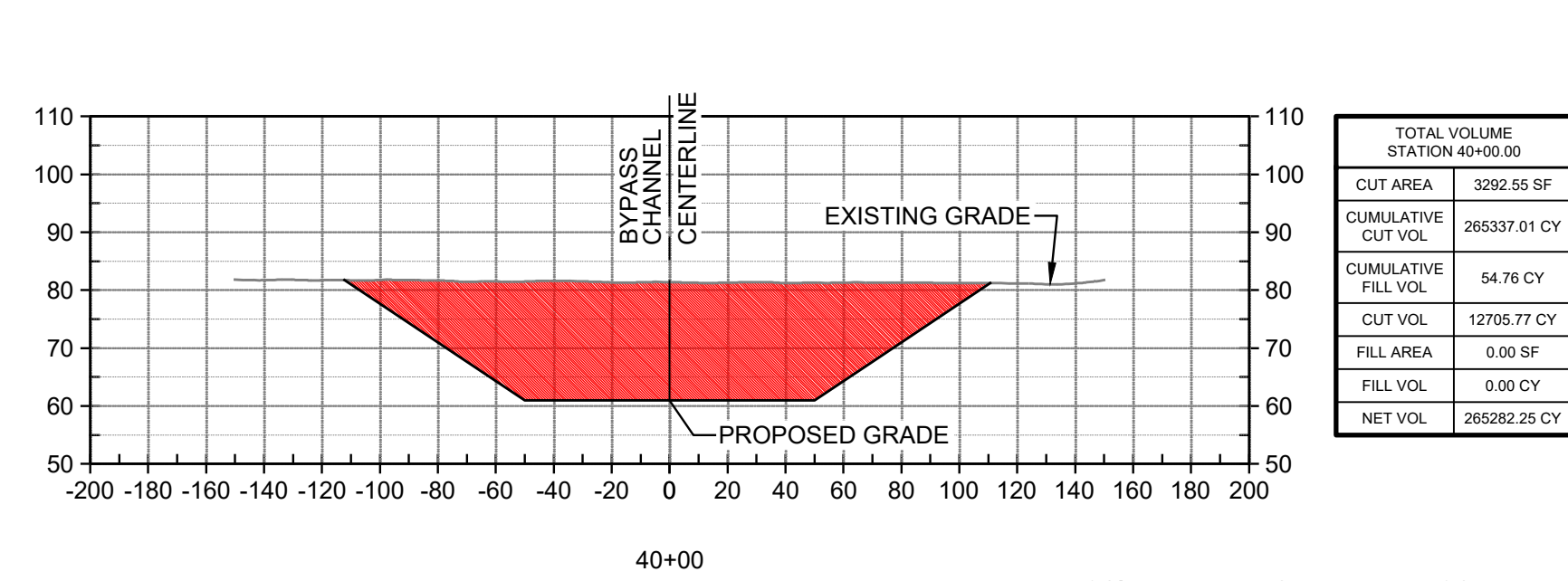
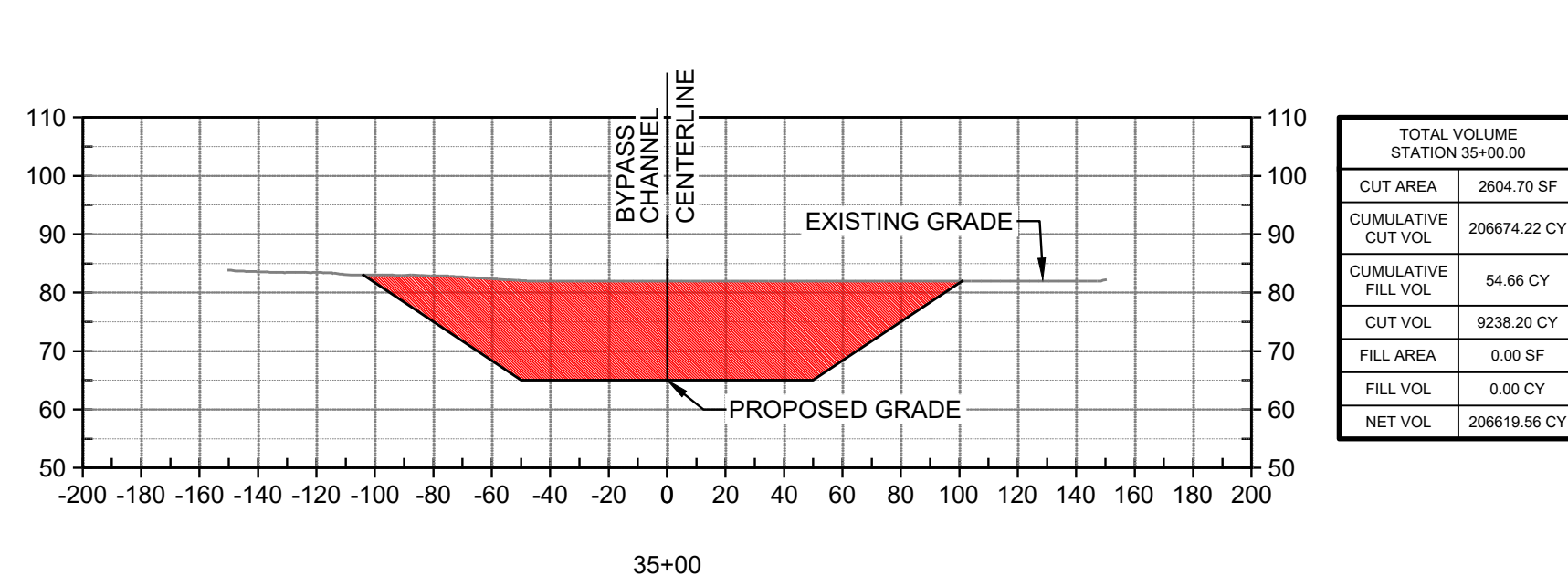
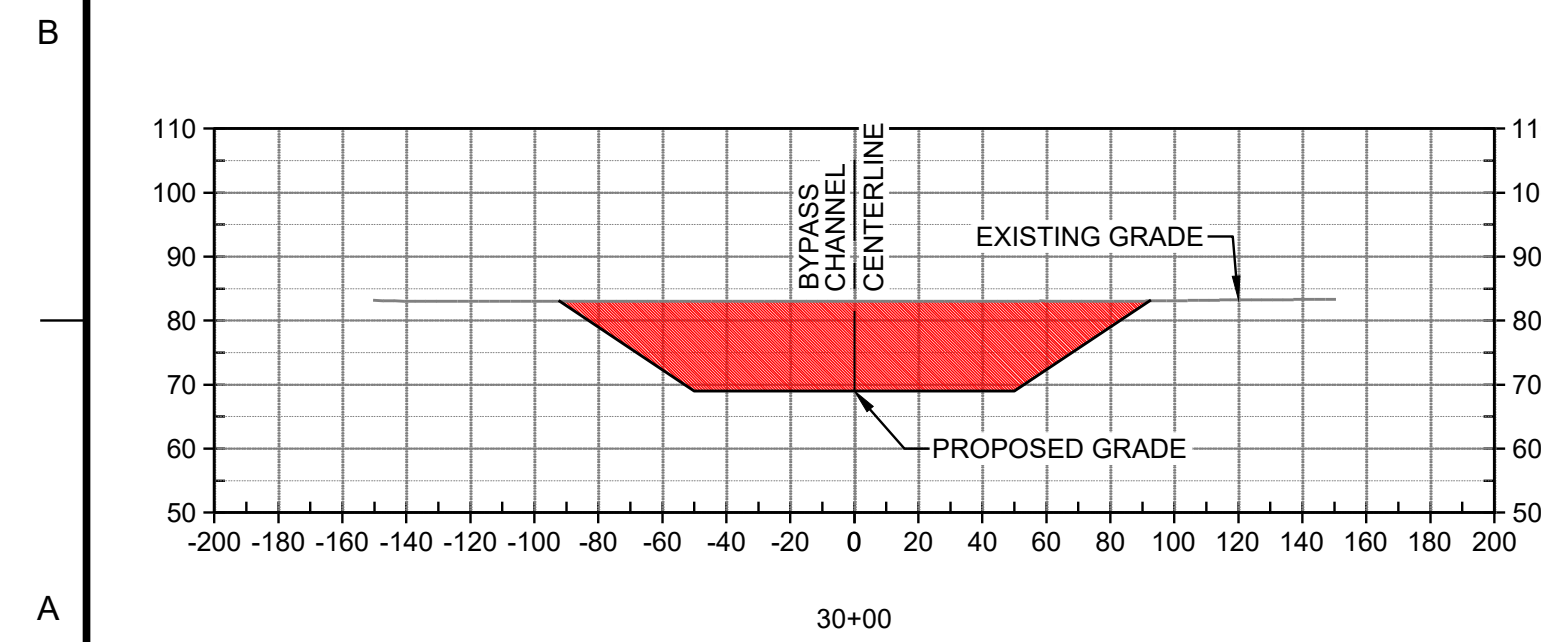
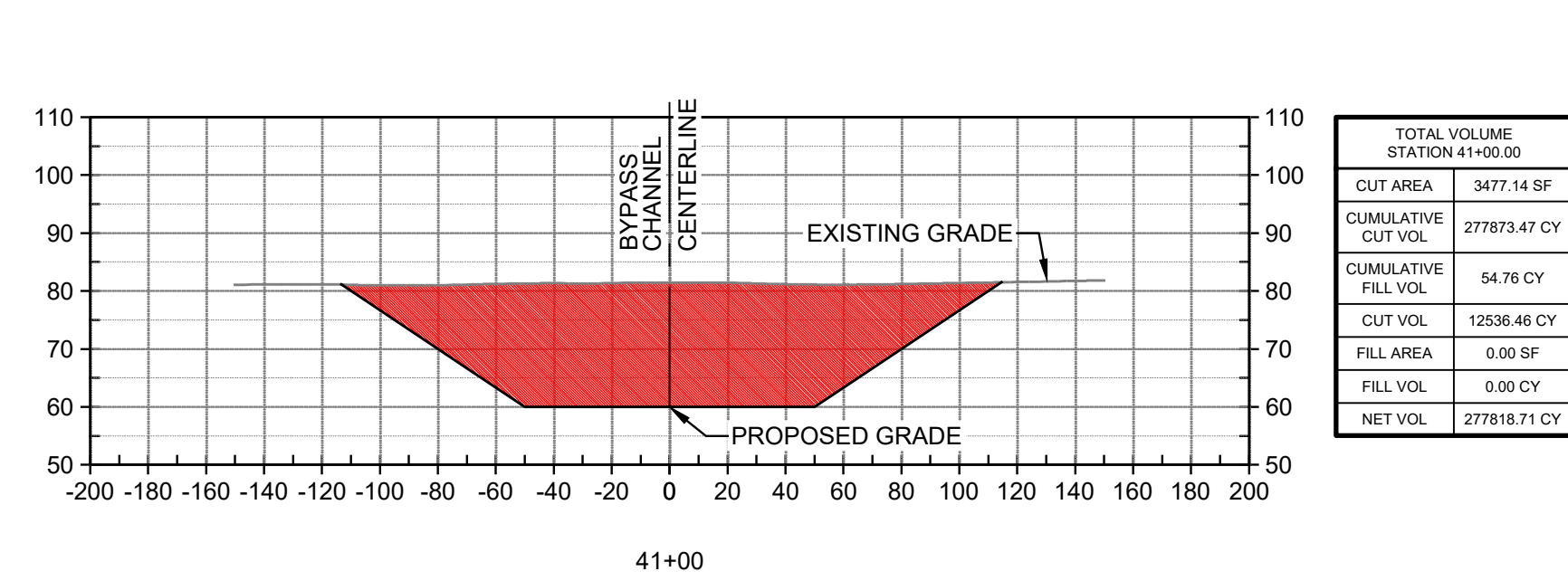
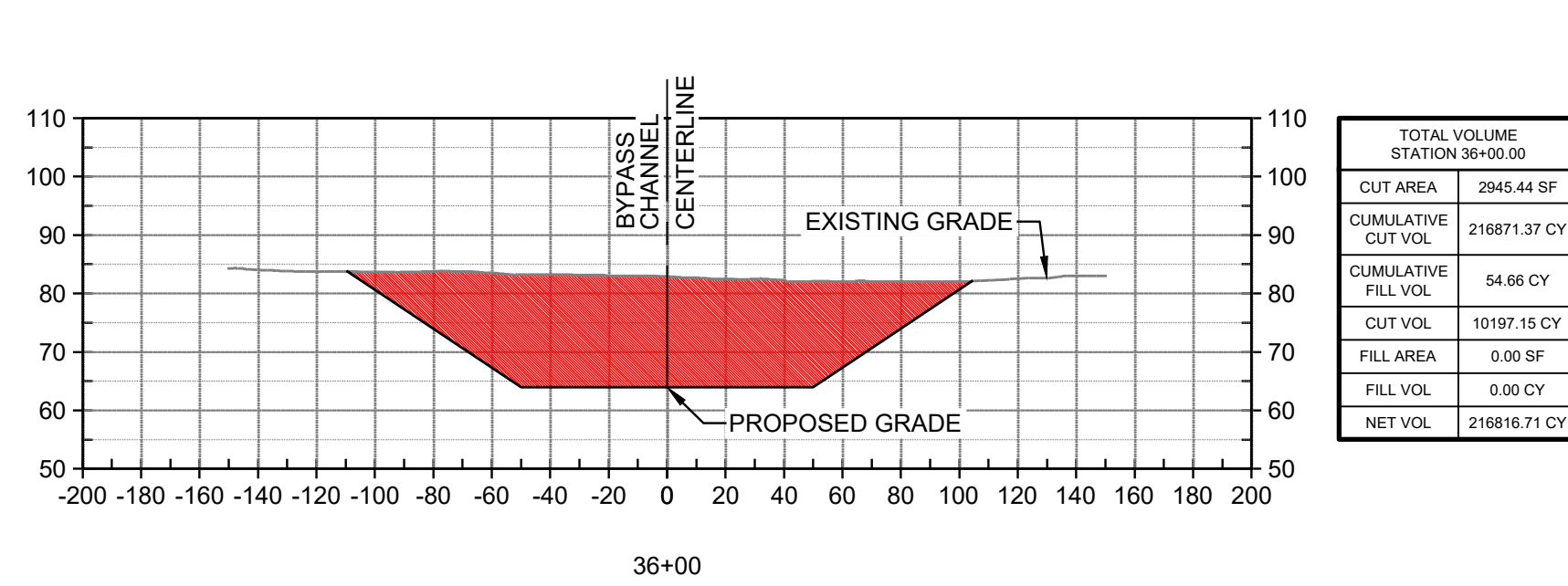
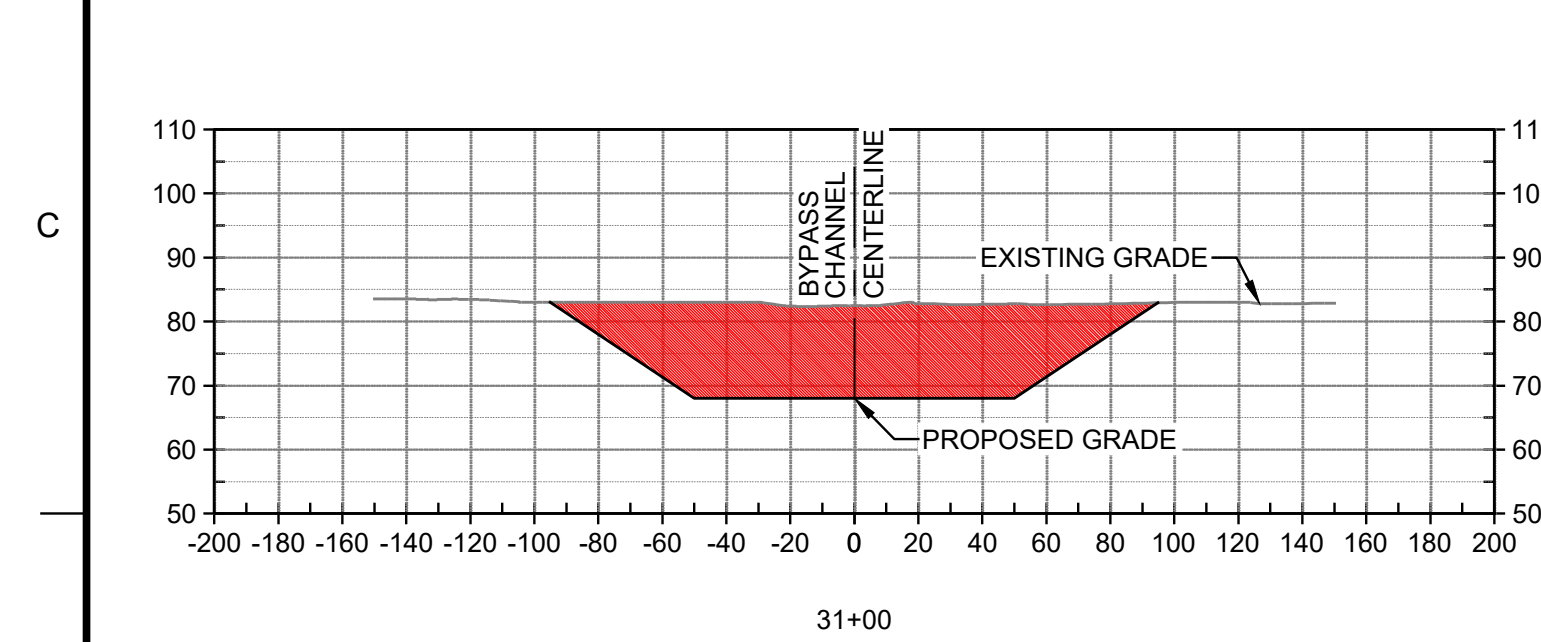
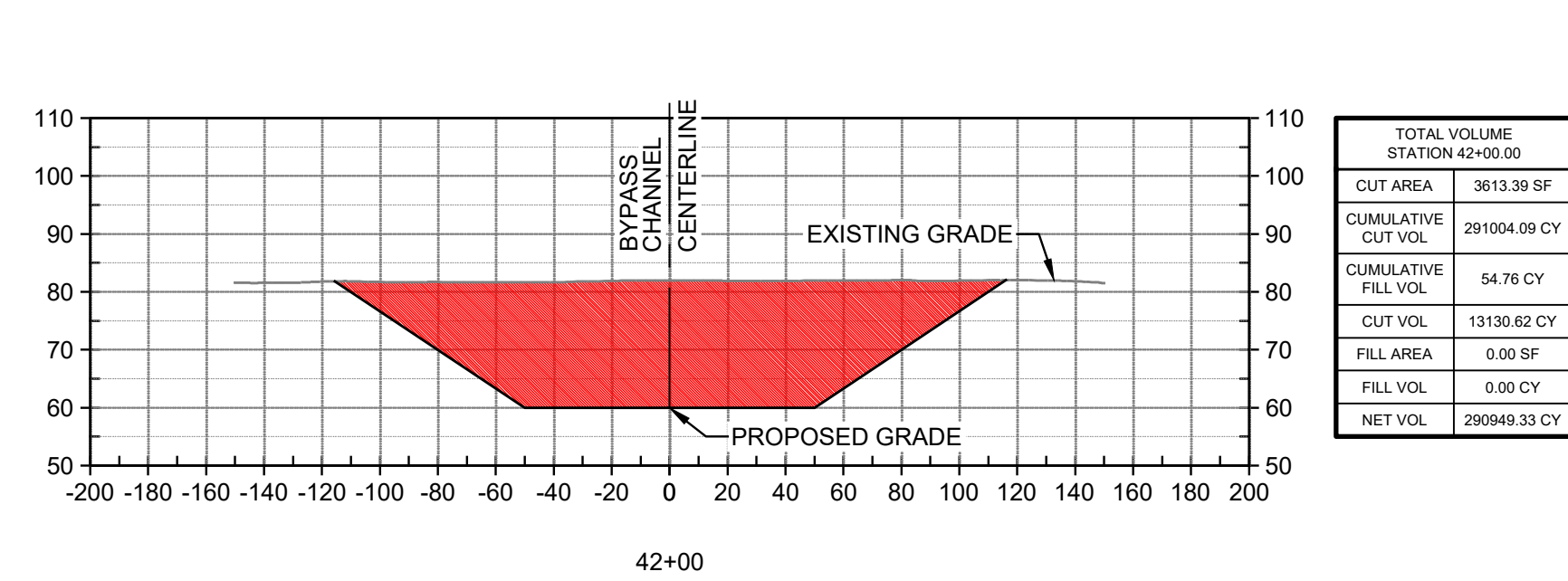
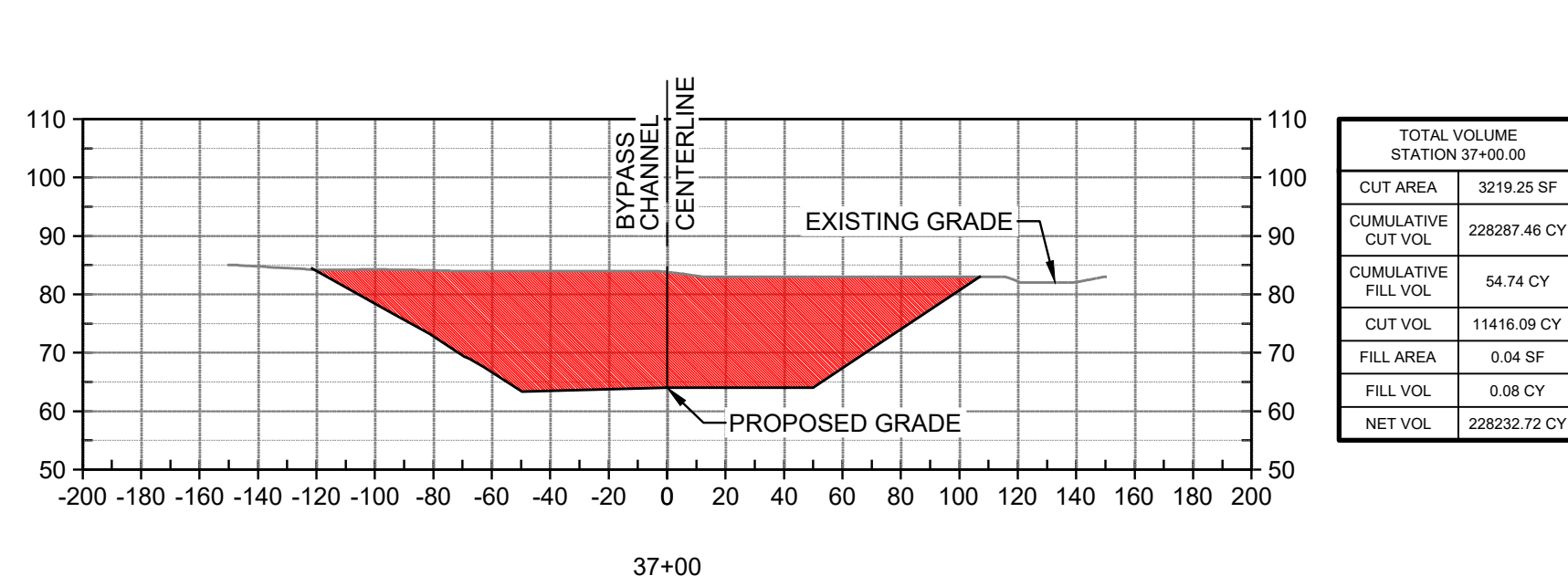
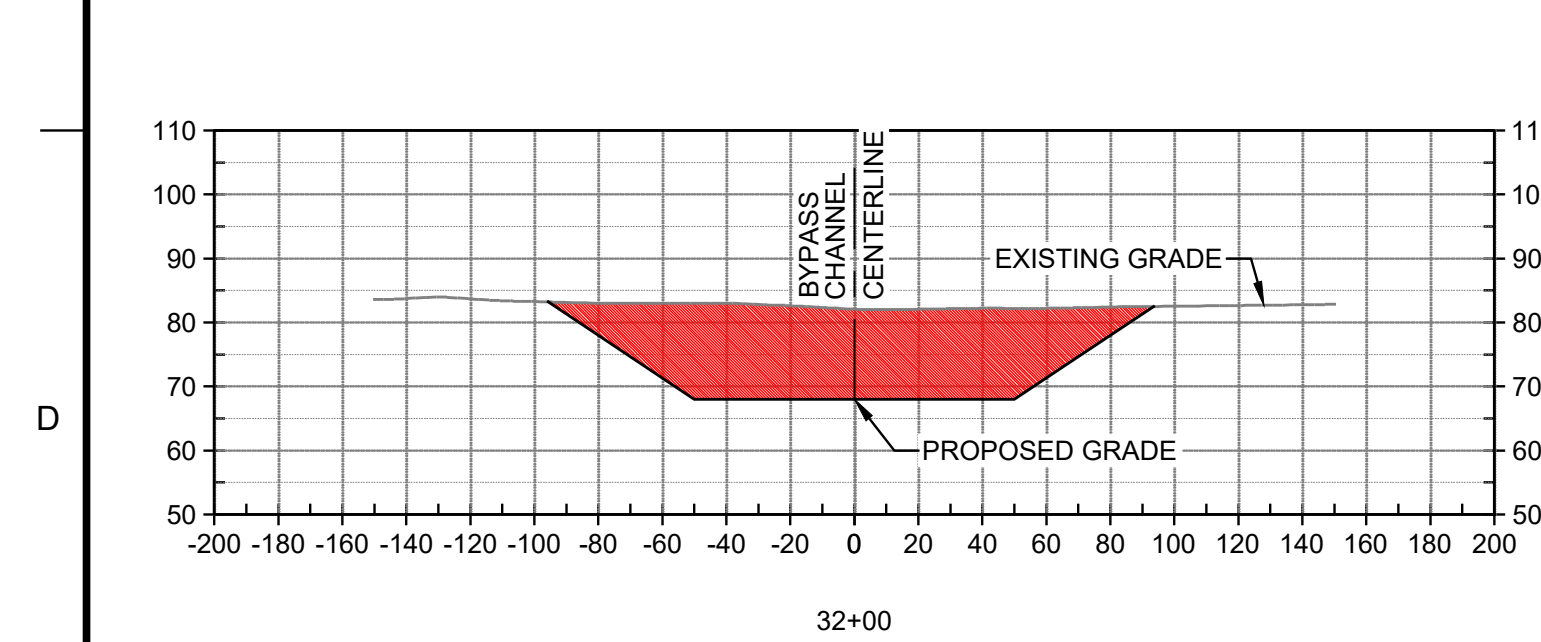
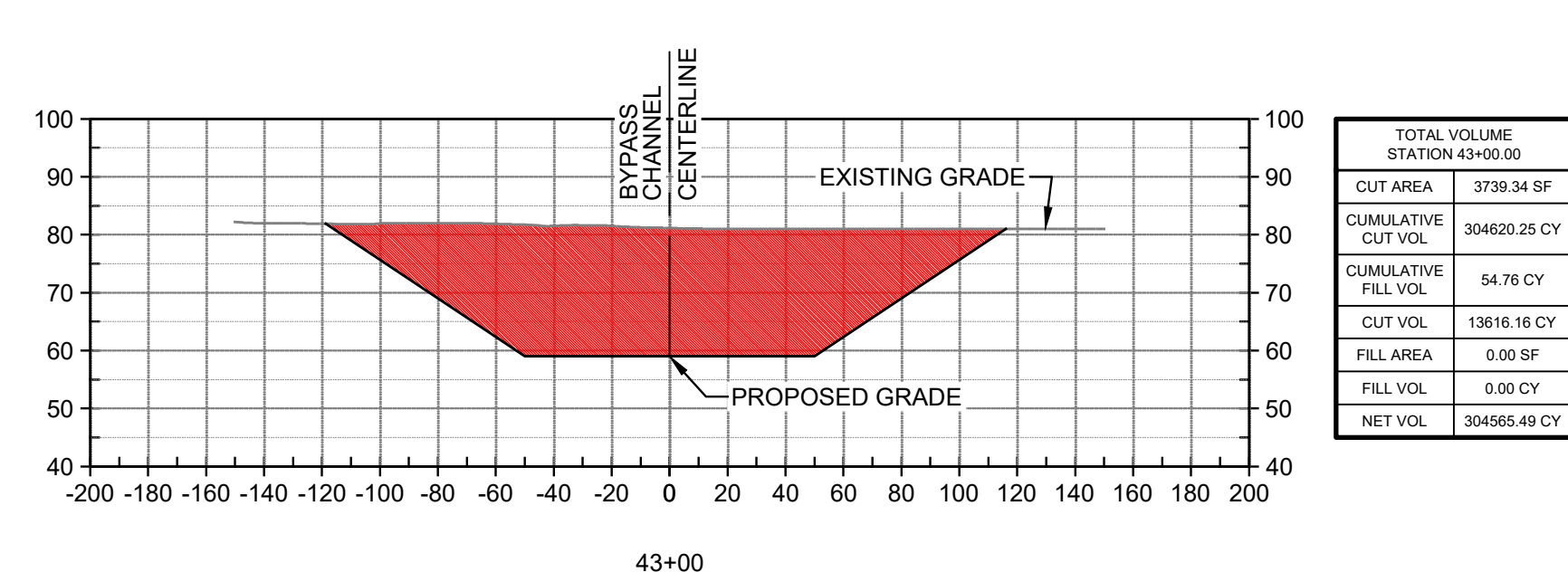
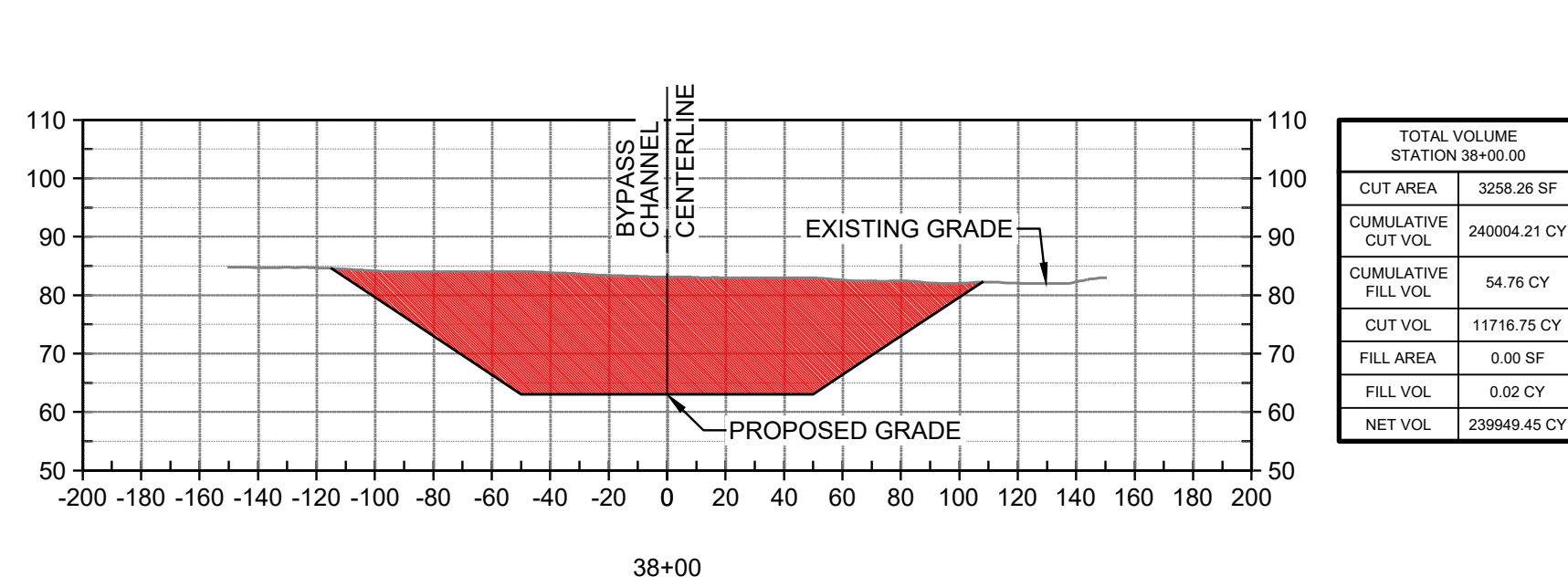
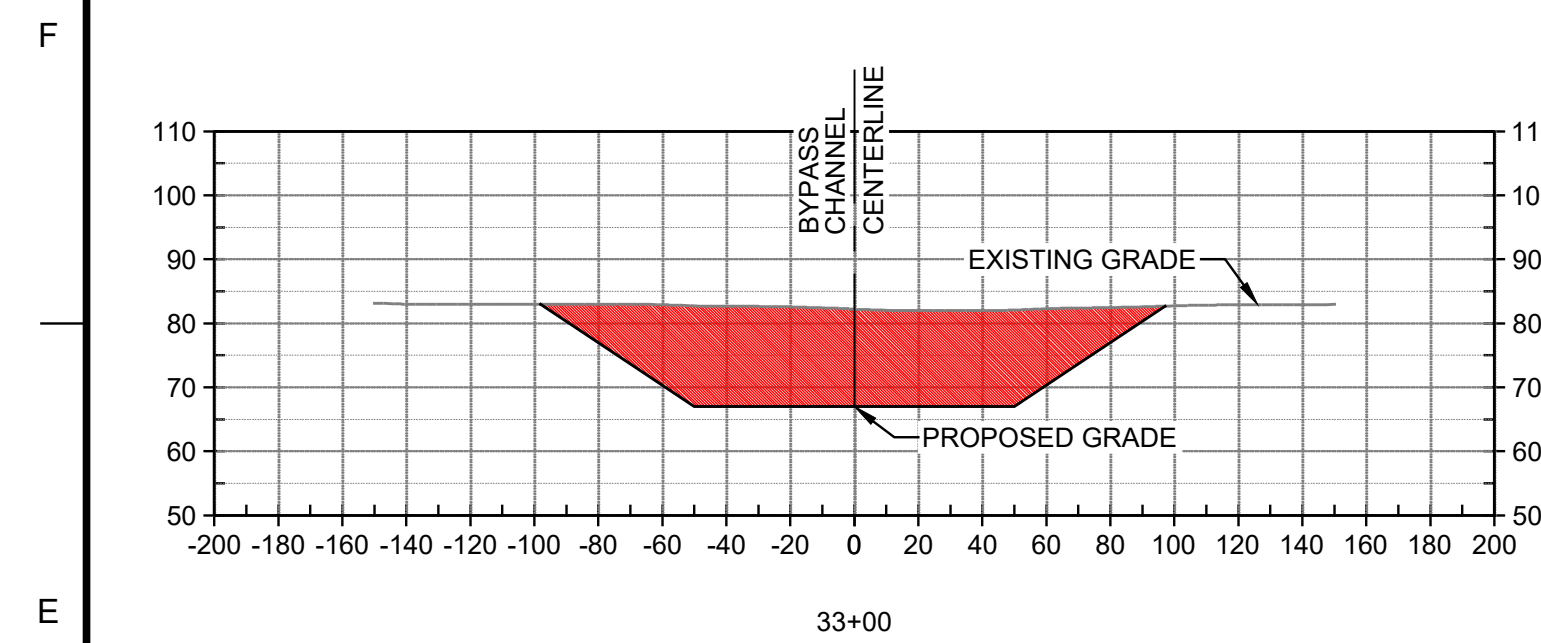
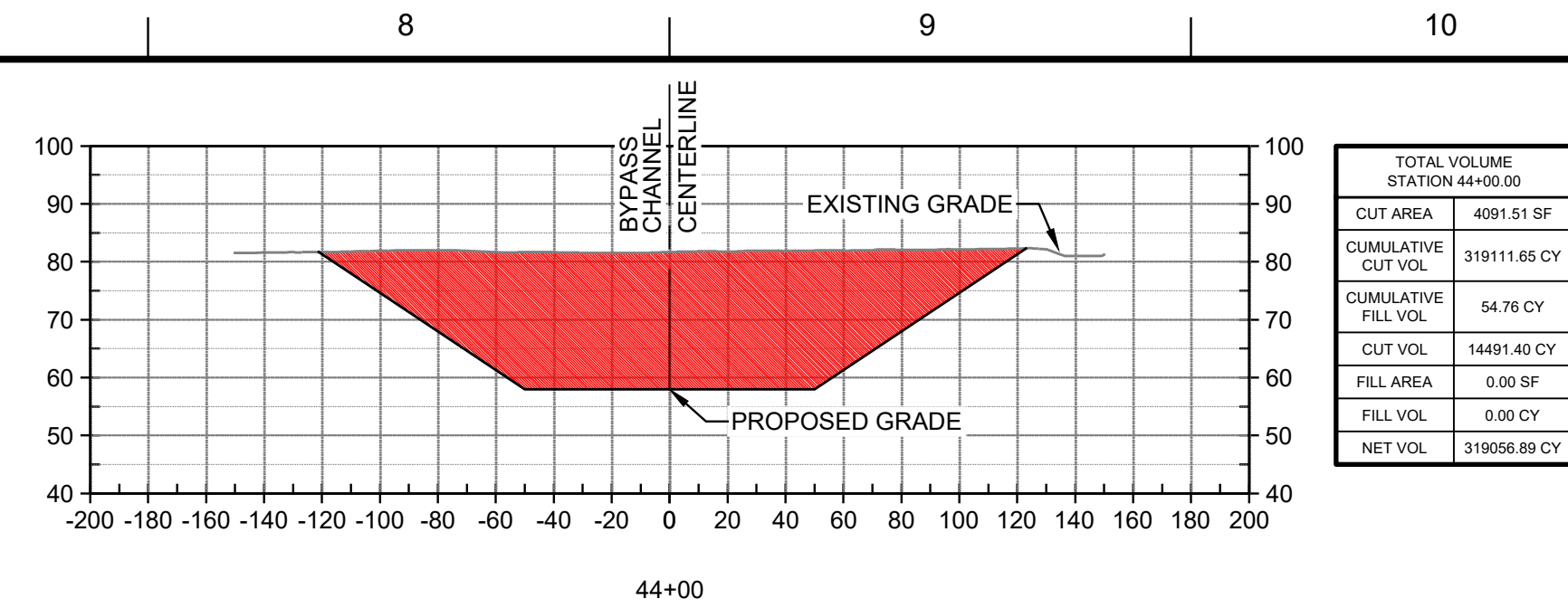
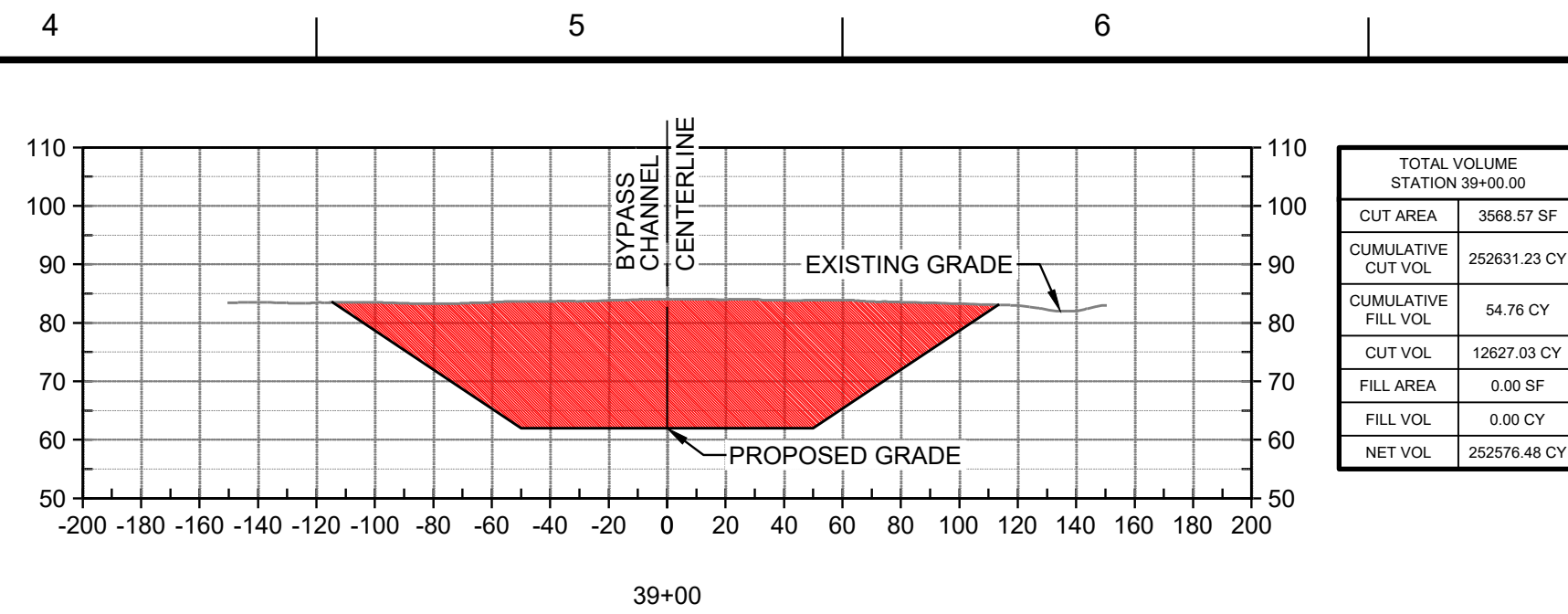
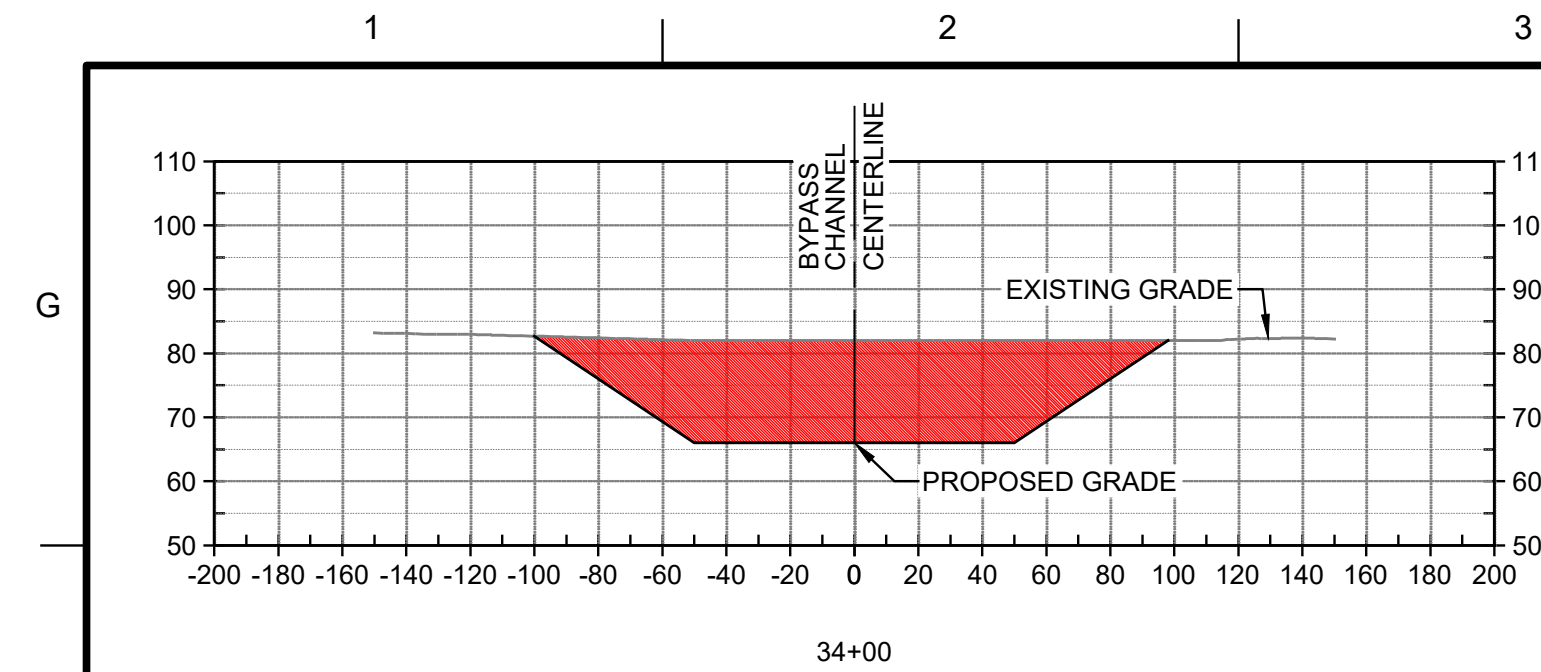
CG301

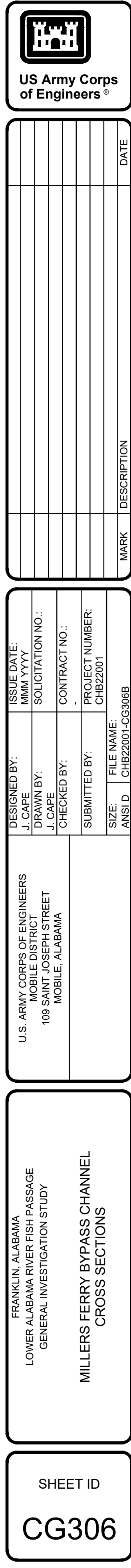
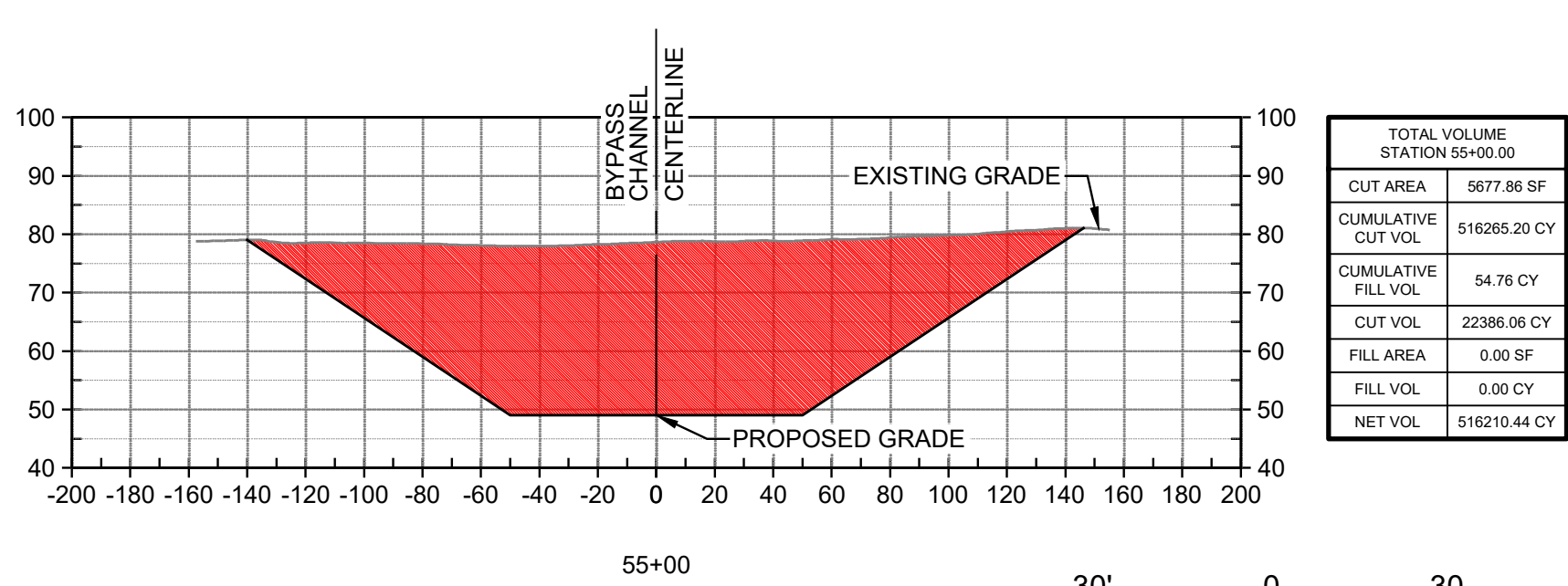
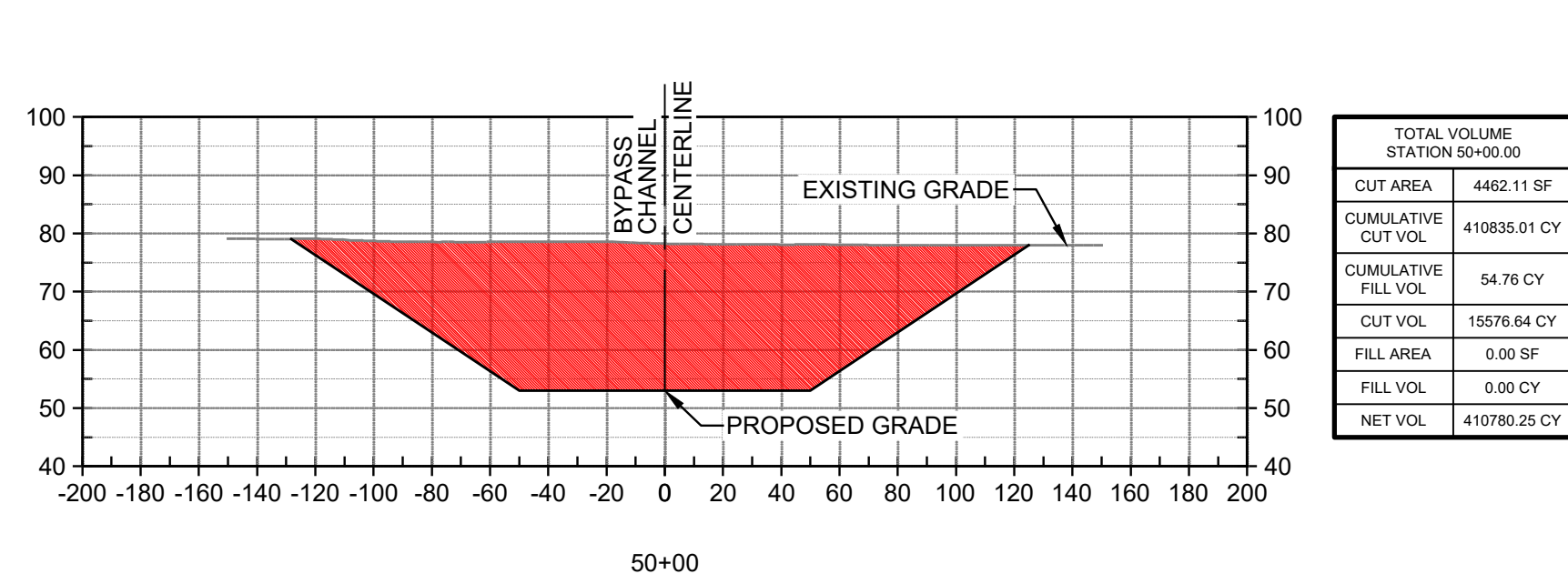
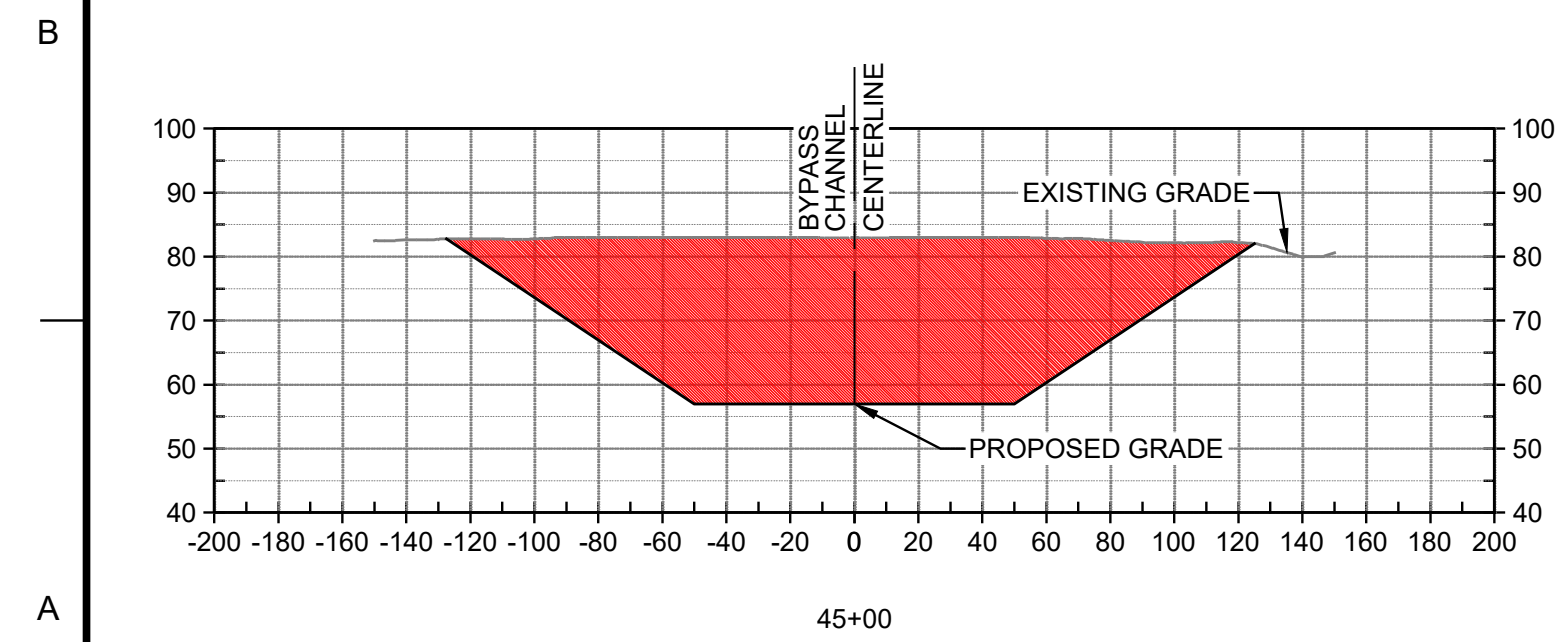
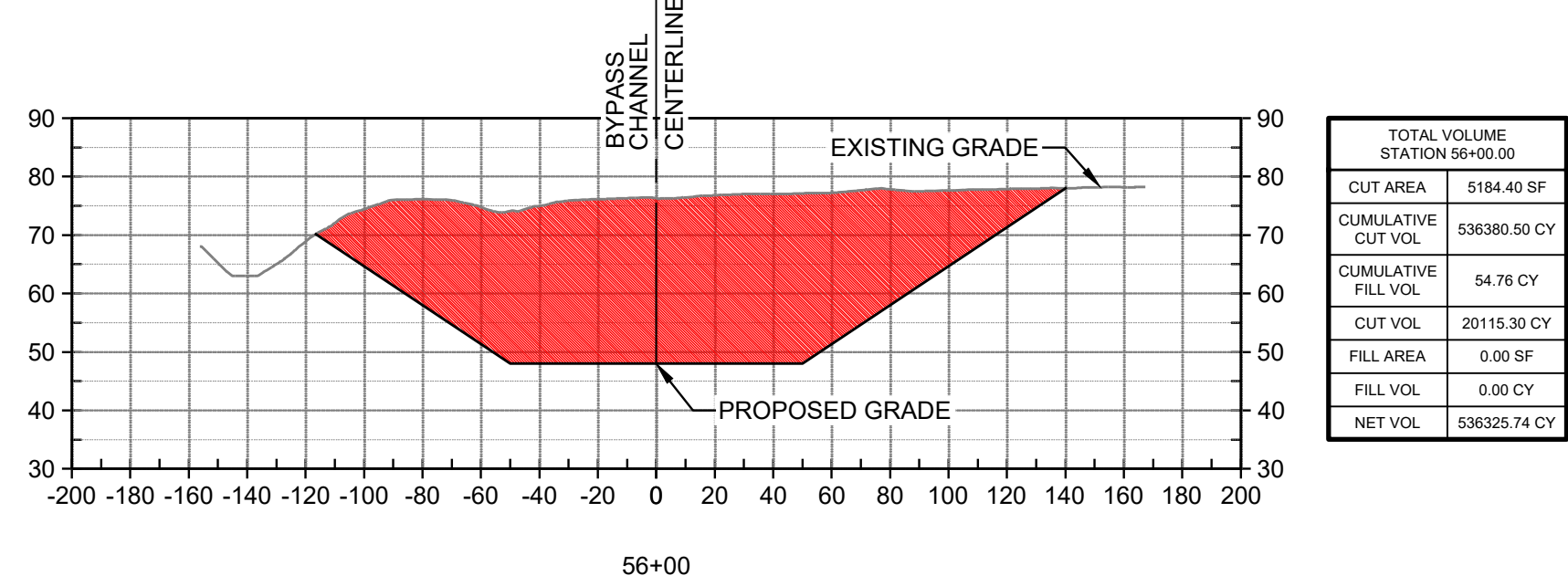
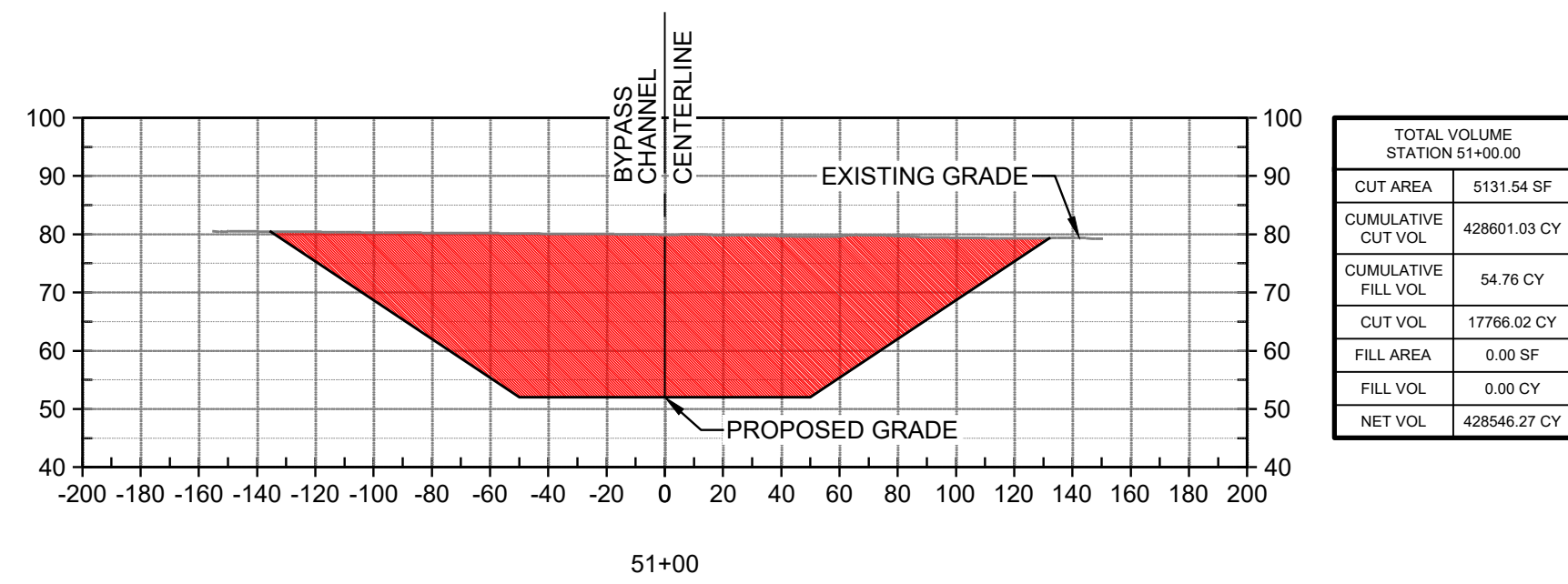
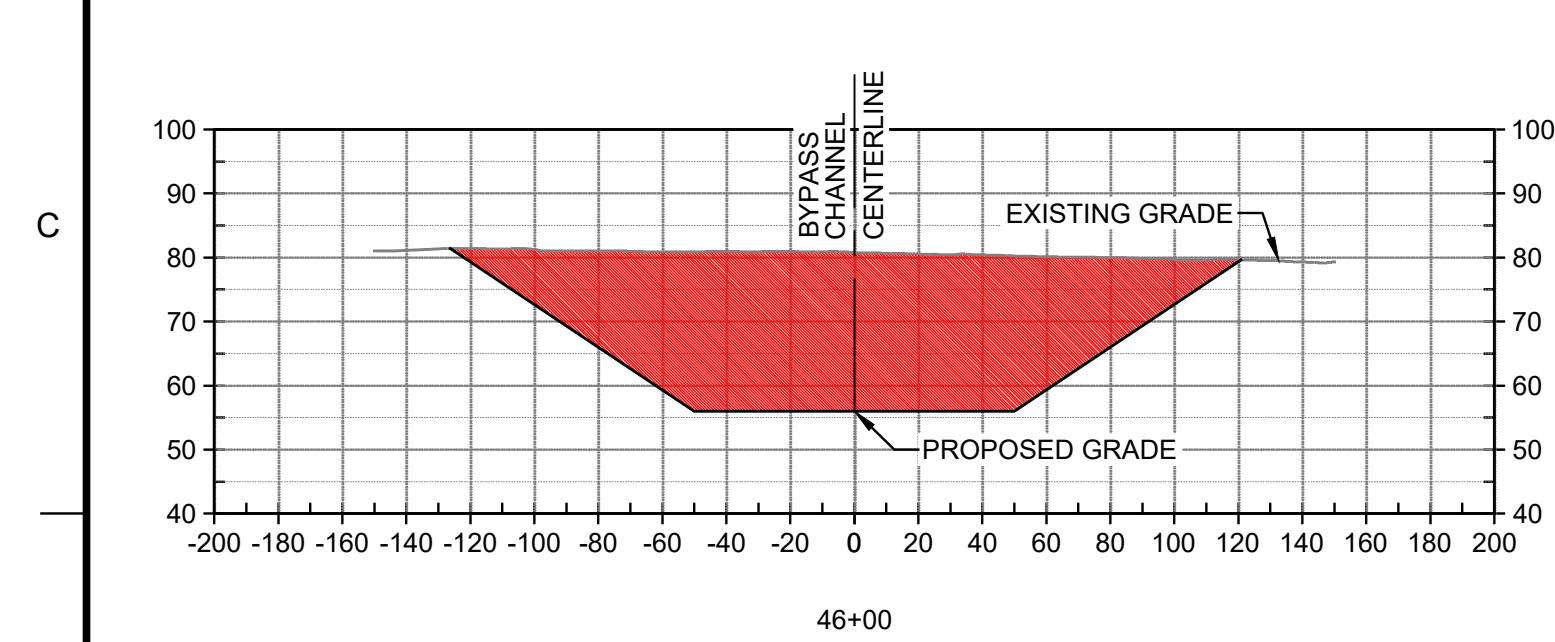
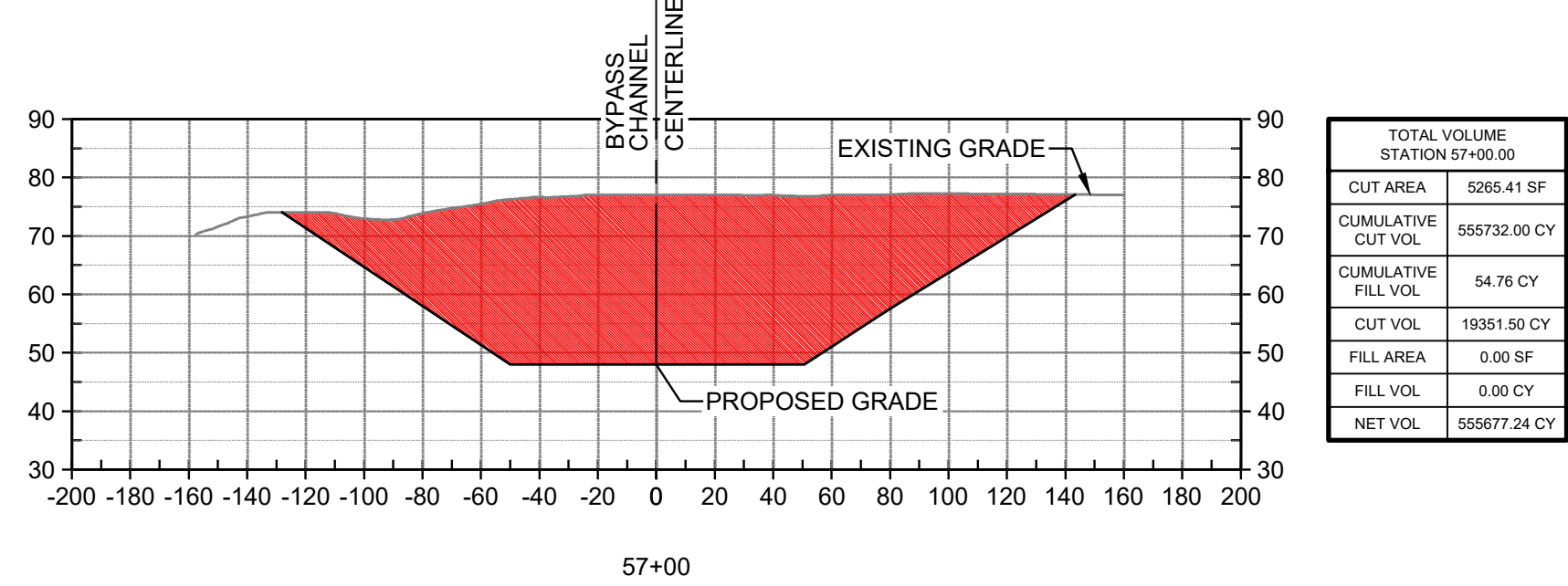
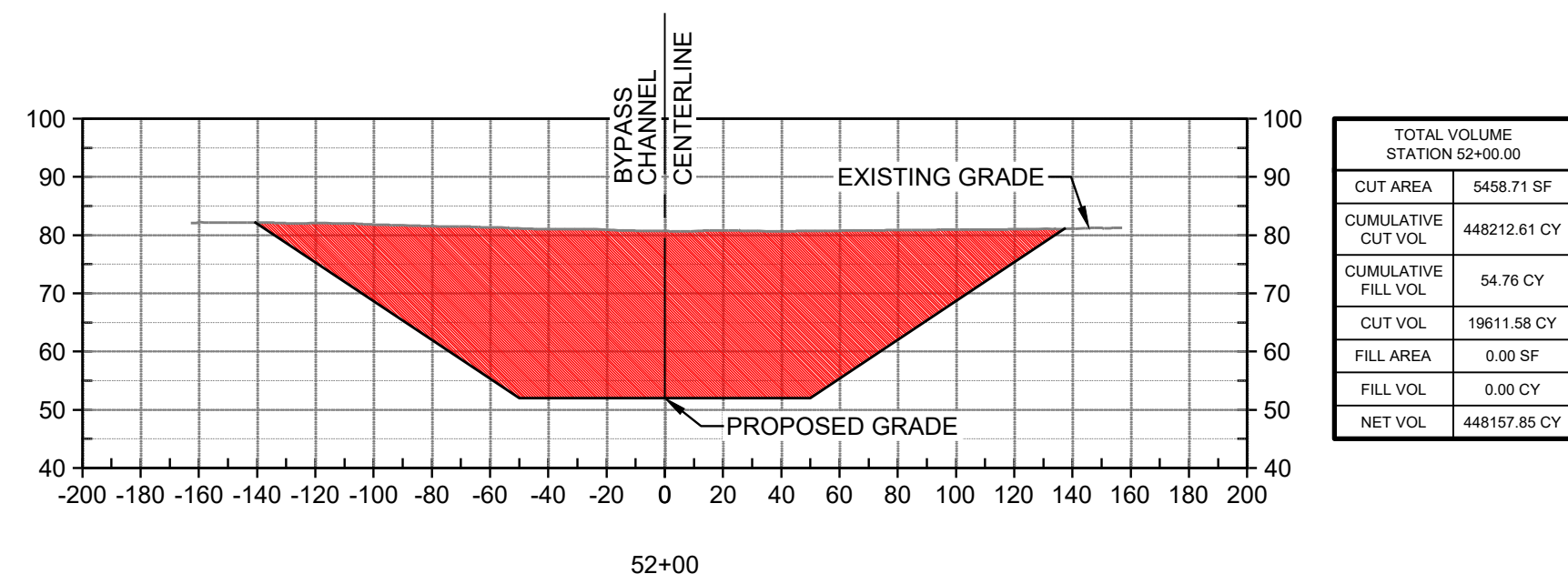
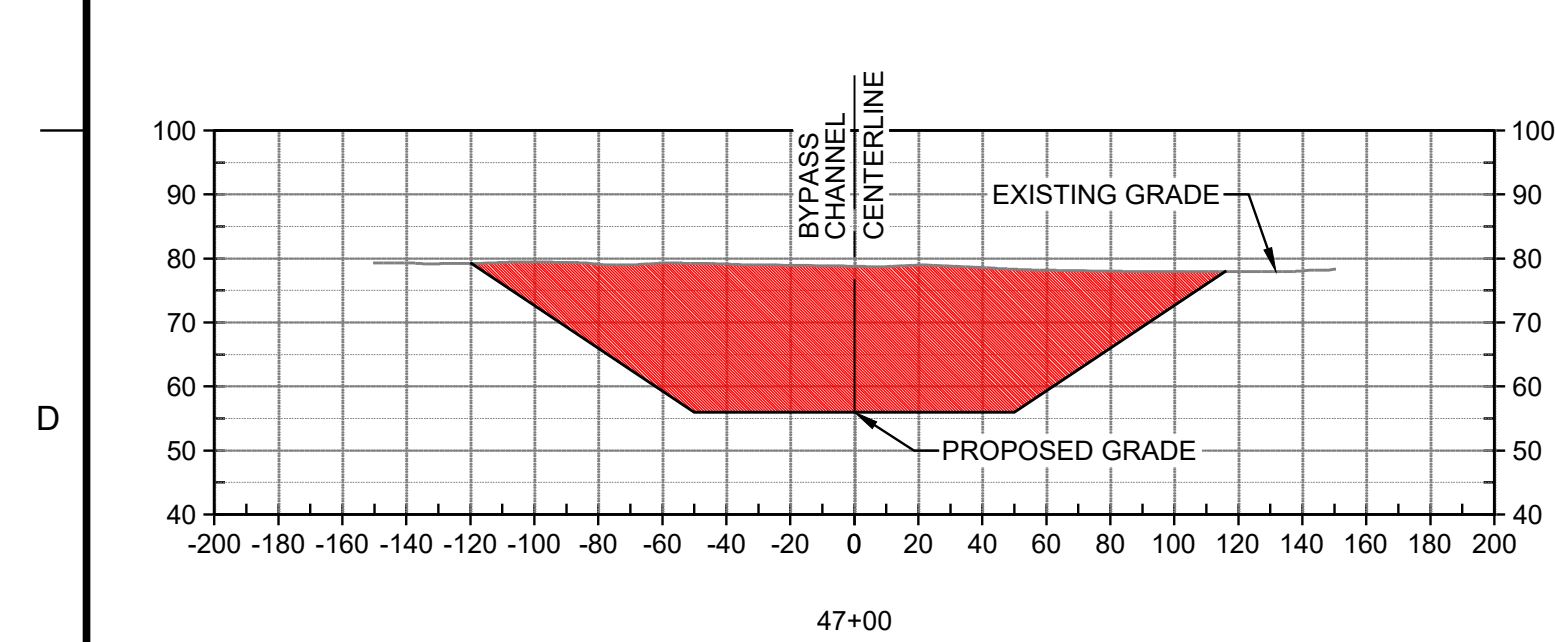
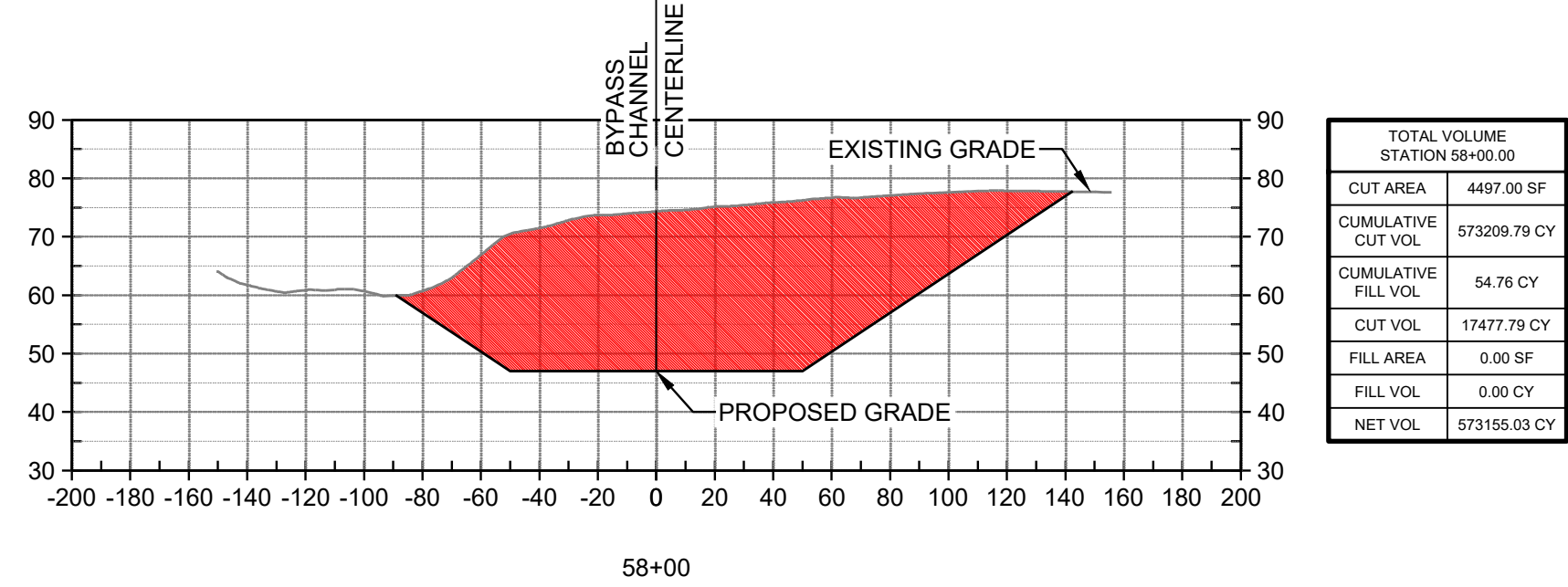
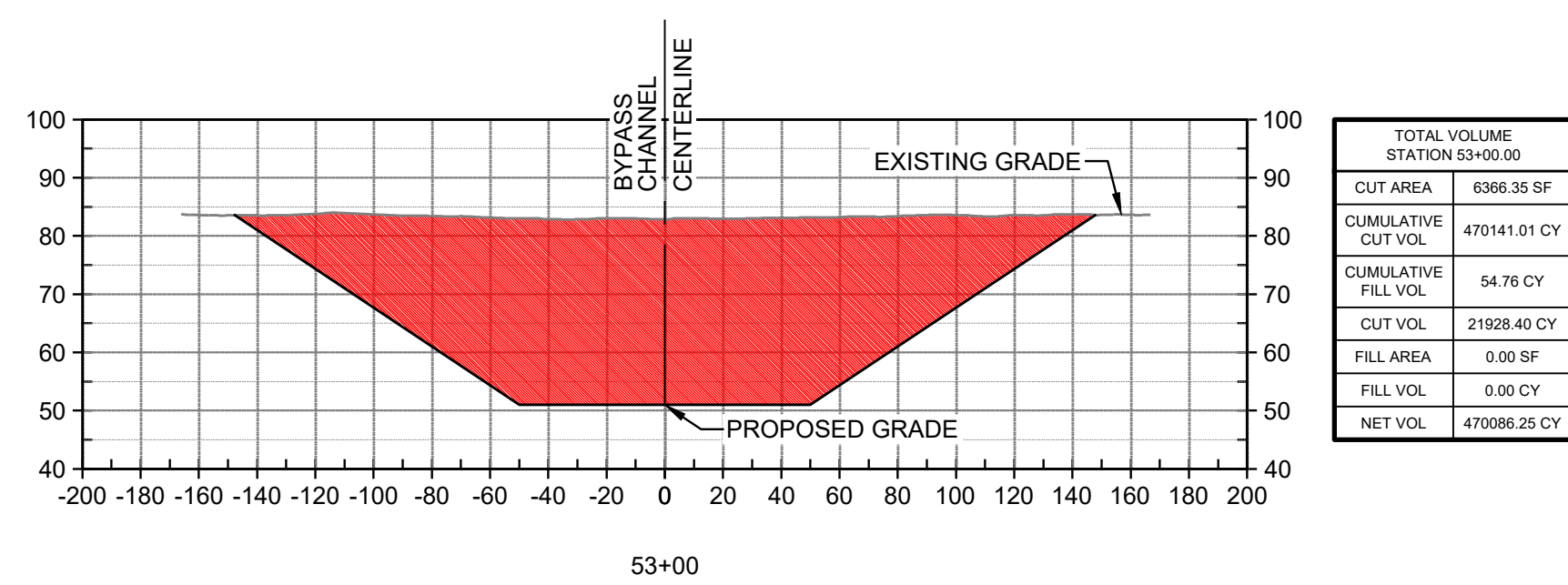
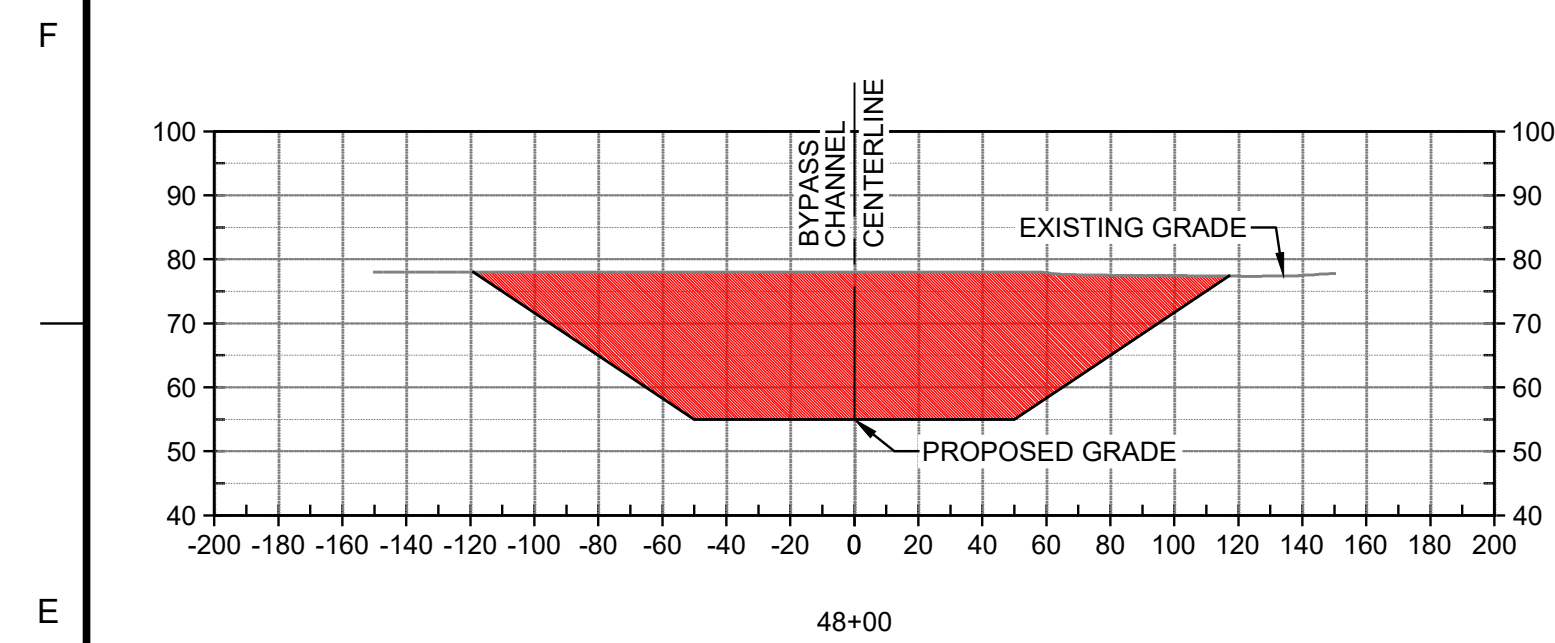
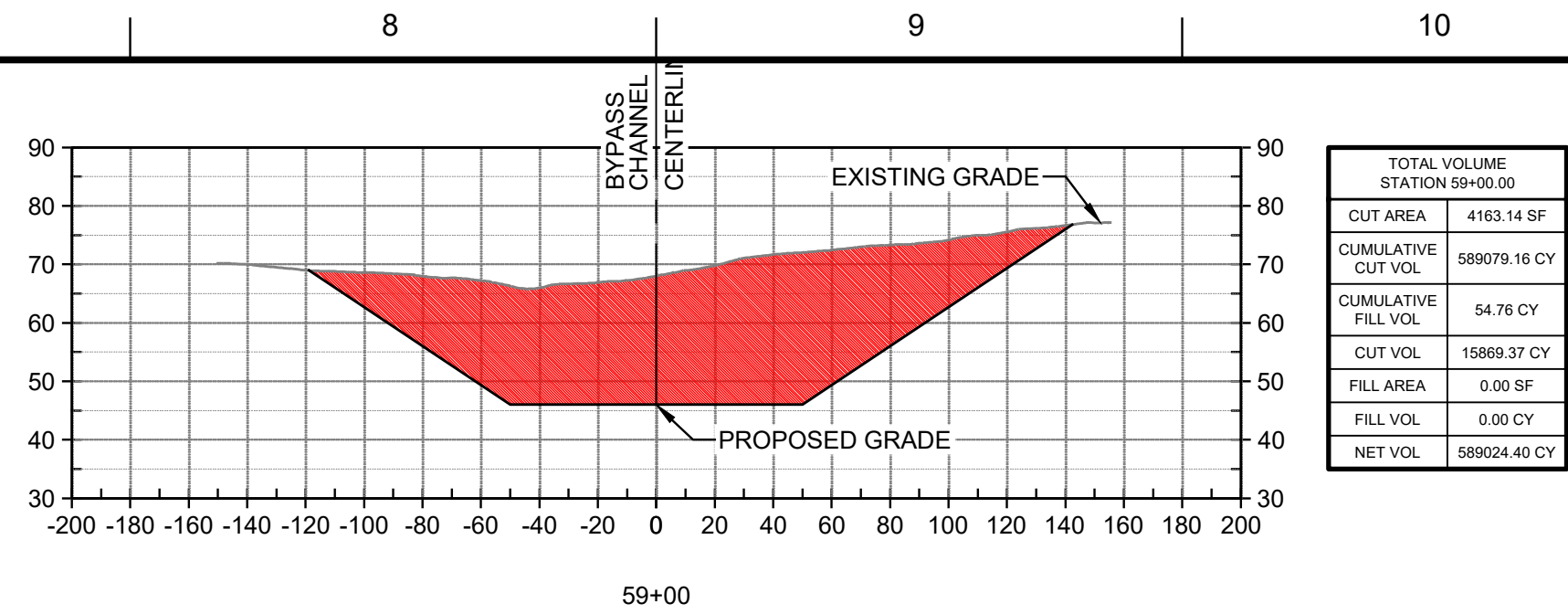
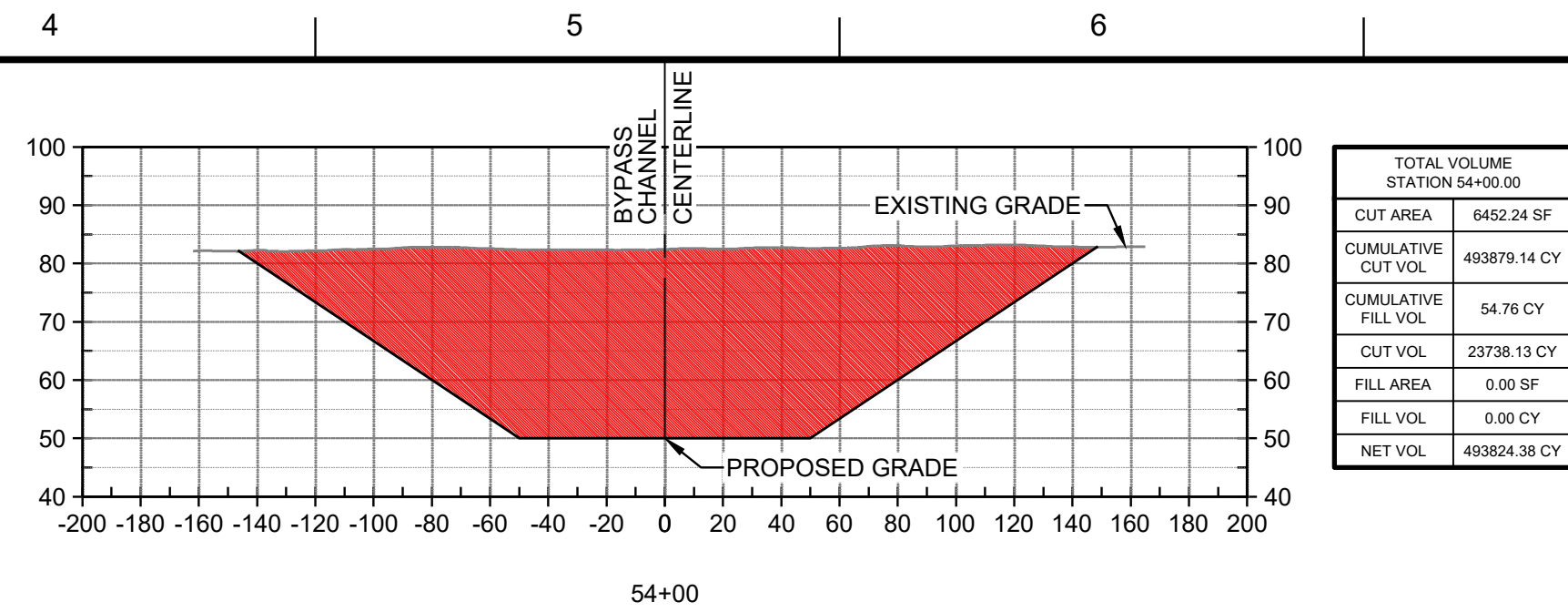
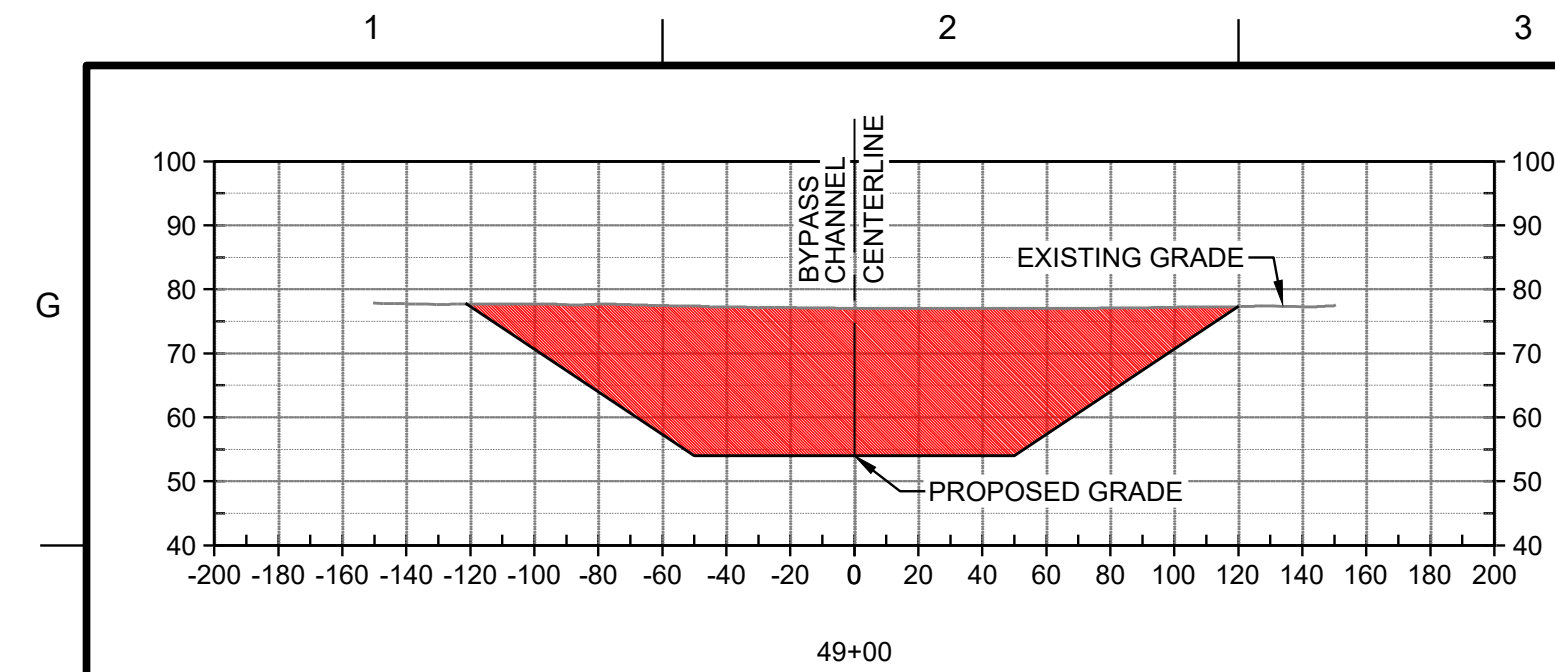
A1 POOL RIFFLE TYPICAL SECTION
SCALE: N.T.S.

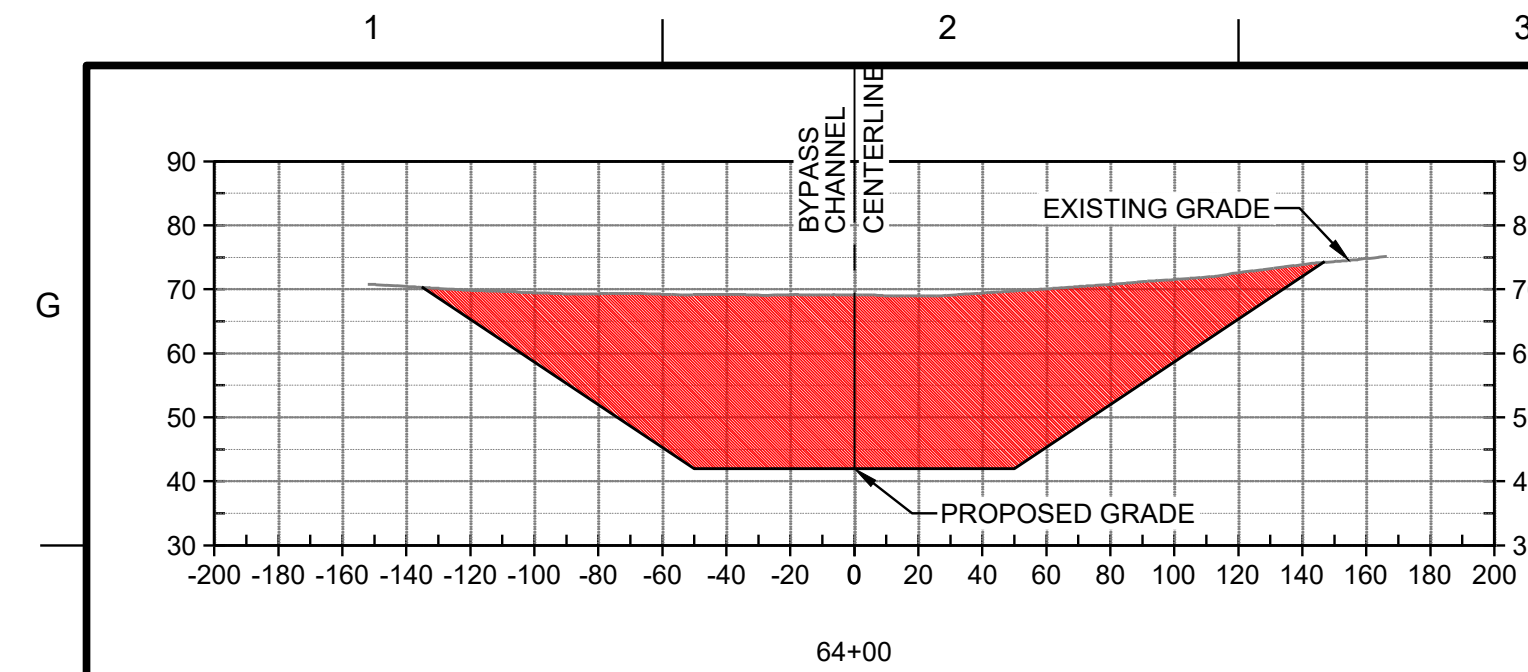




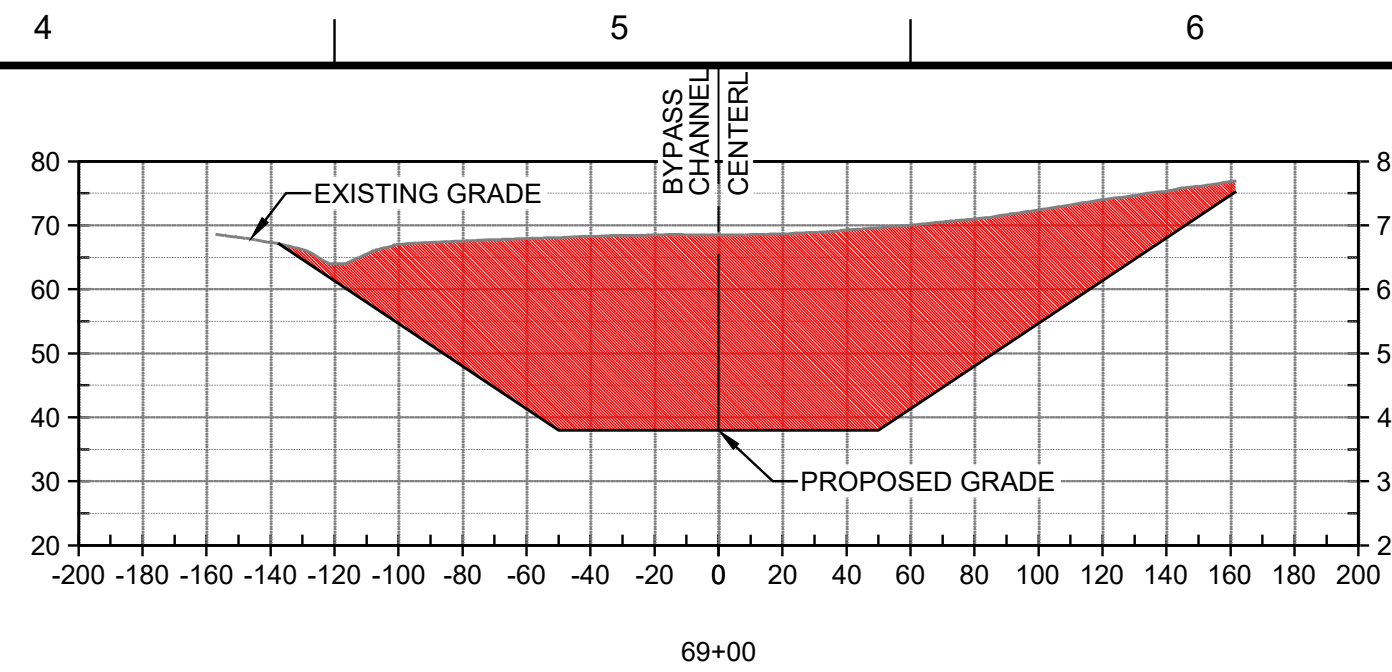




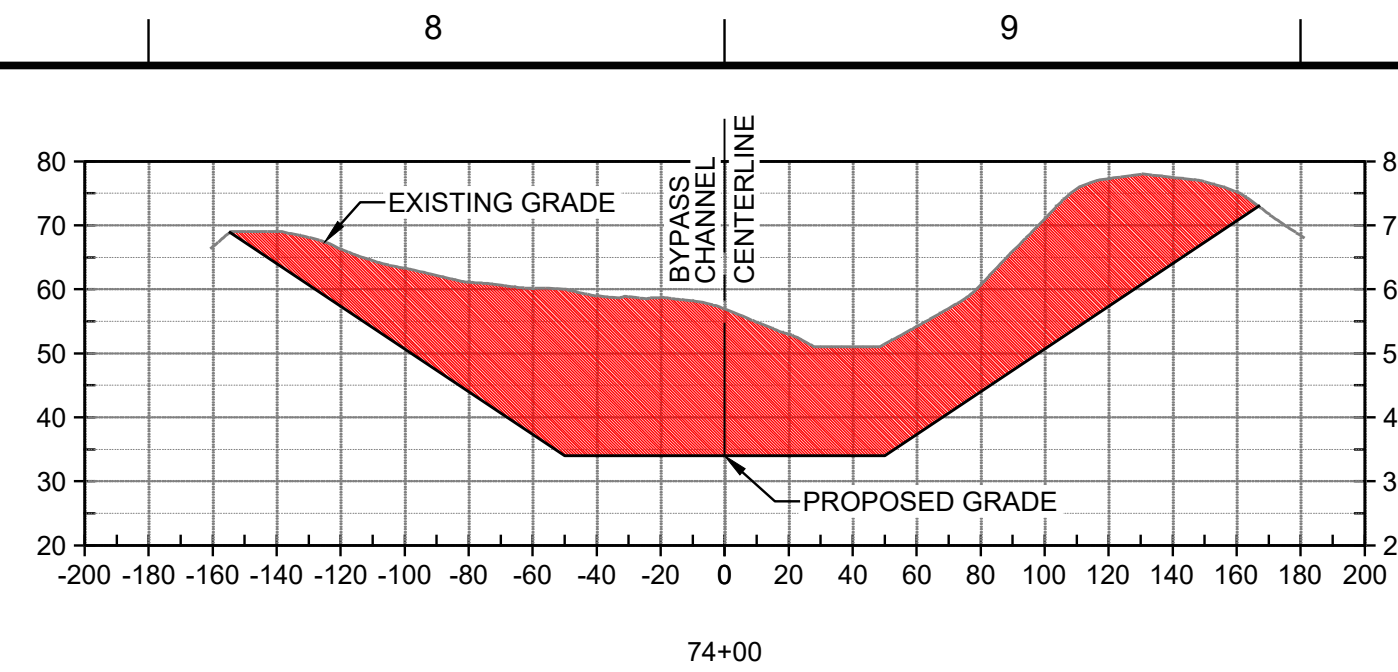




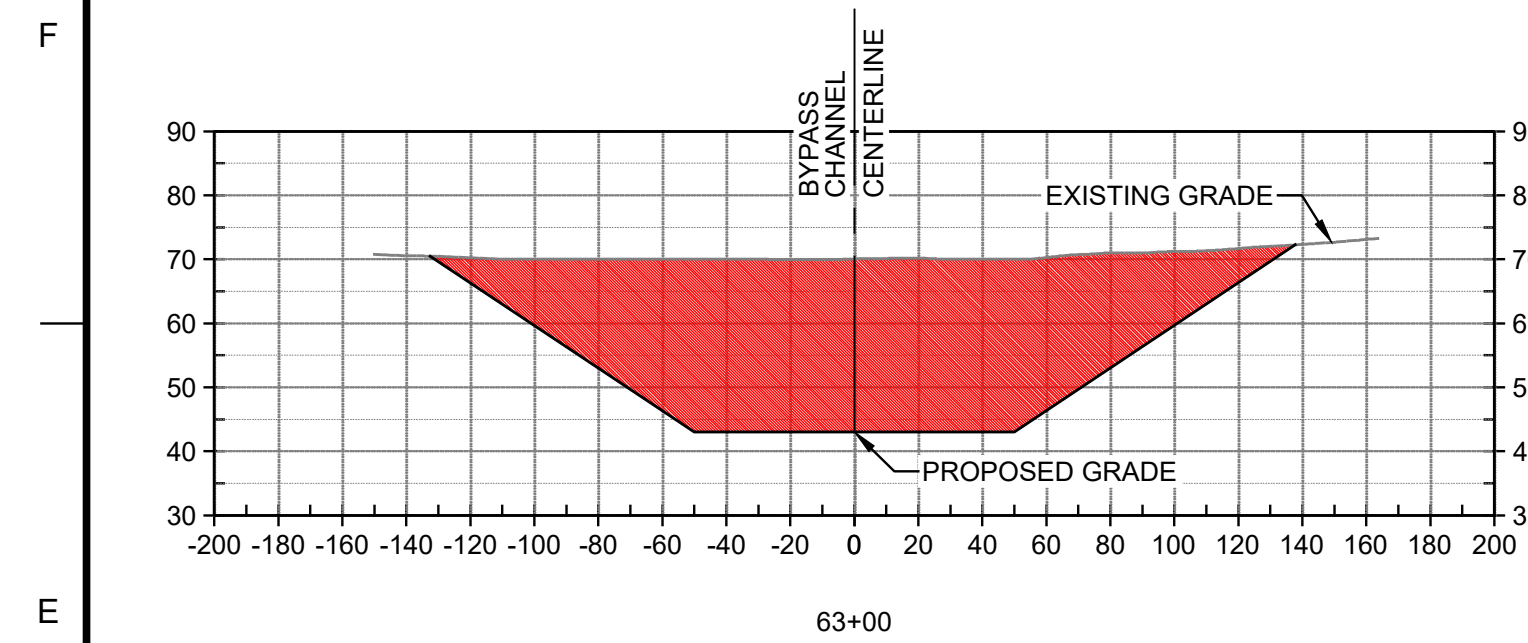
TOTAL VOLUME STATION 64+00.00	
CUT AREA	5159.90 SF
CUMULATIVE CUT VOL	674940.63 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	18792.16 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	674885.87 CY



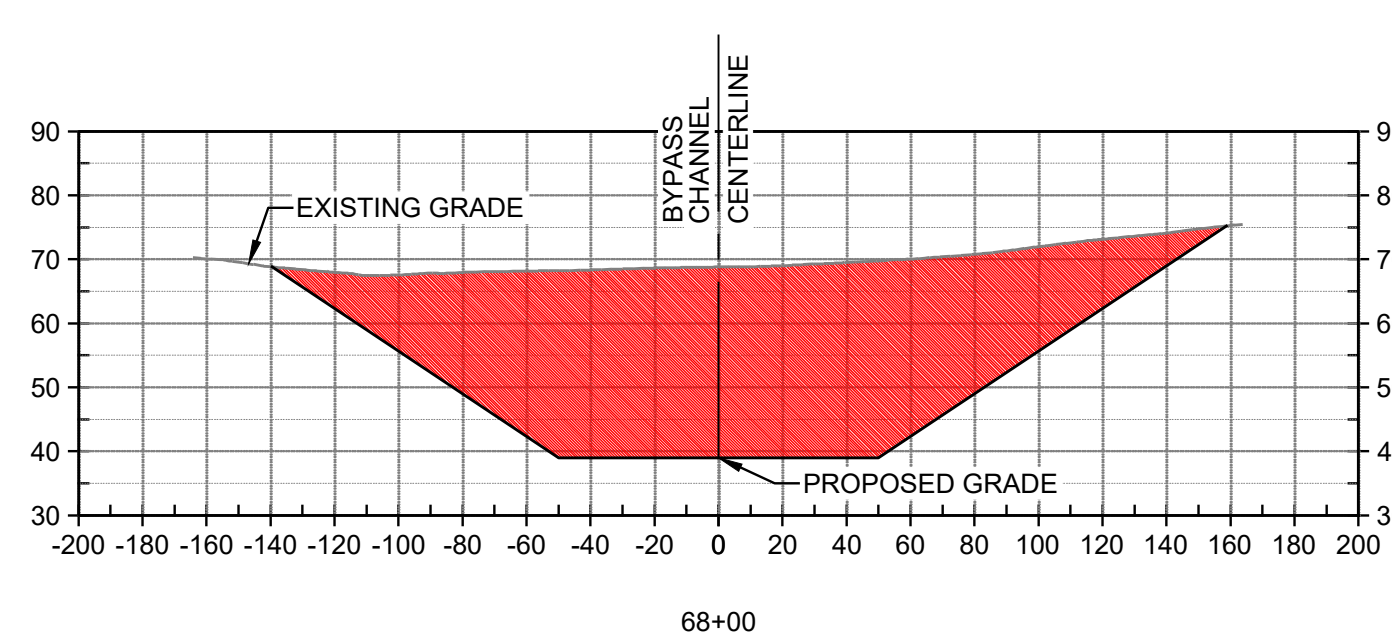
TOTAL VOLUME STATION 89+00.00	
CUT AREA	6127.64 SF
CUMULATIVE CUT VOL	779018.52 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	22257.58 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	778963.76 CY



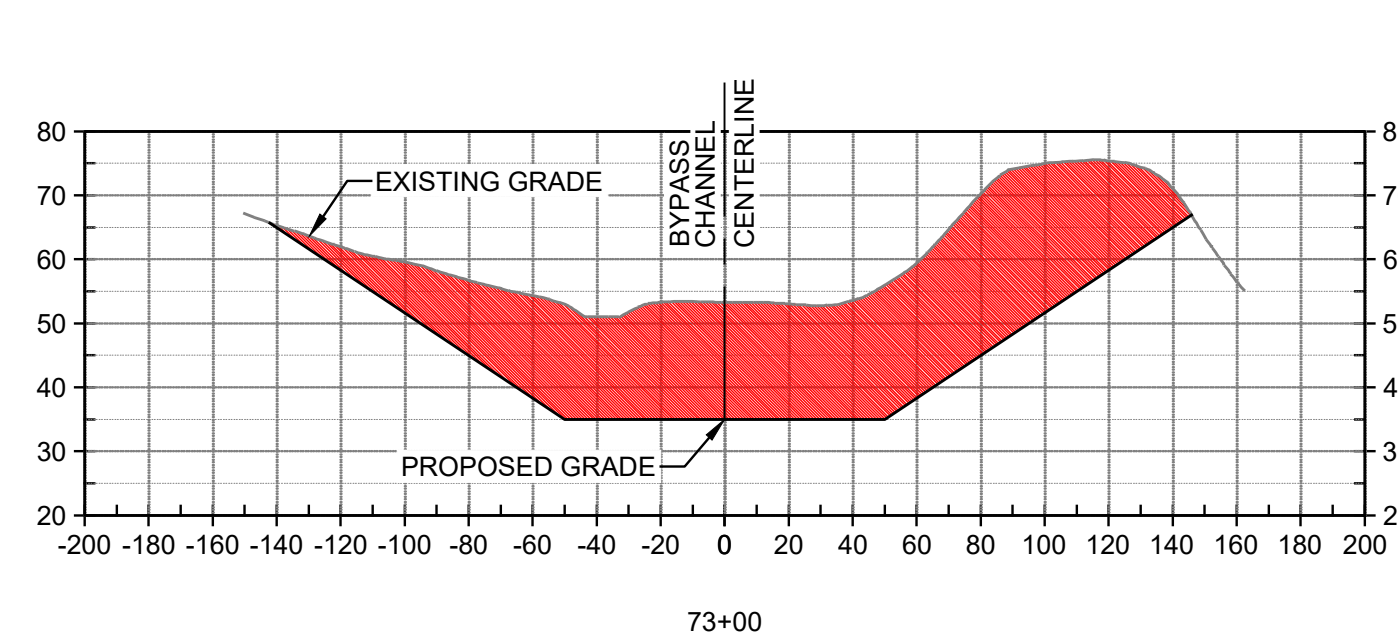
TOTAL VOLUME STATION 74+00.00	
CUT AREA	5338.46 SF
CUMULATIVE CUT VOL	866543.48 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	18101.39 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	866488.72 CY



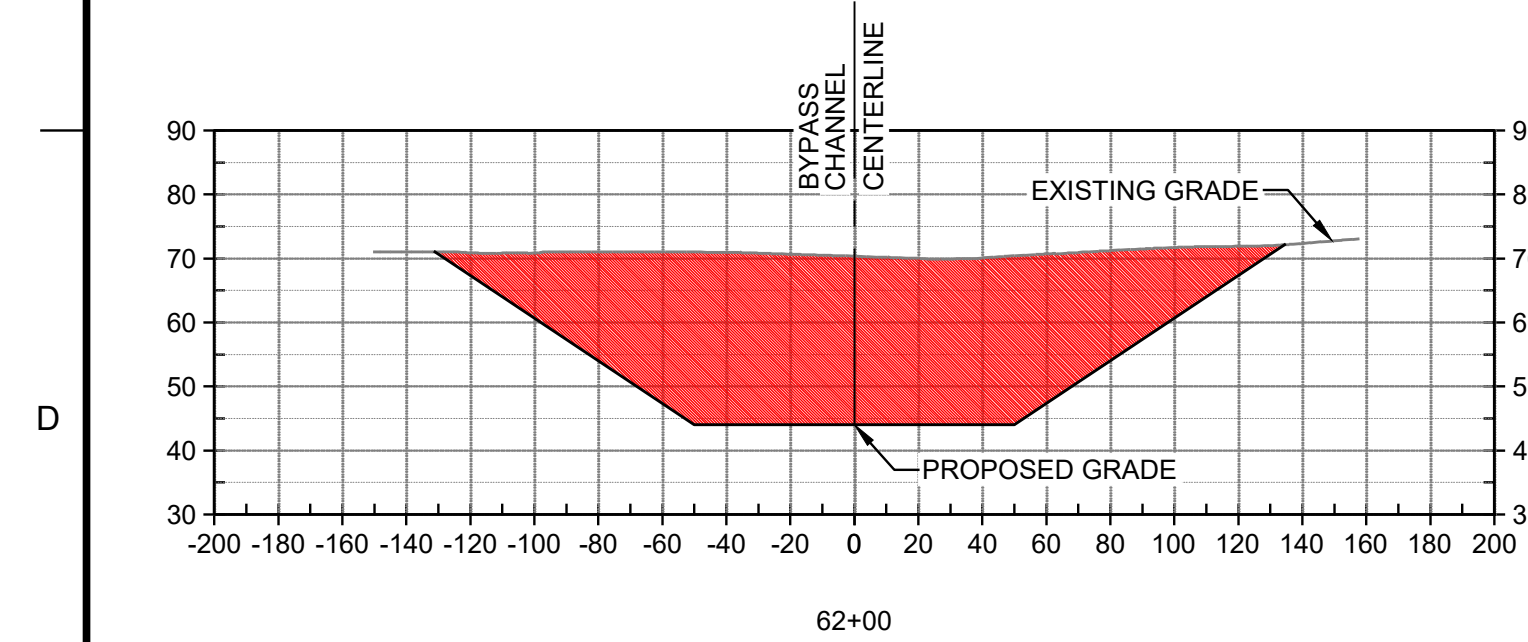
TOTAL VOLUME STATION 63+00.00	
CUT AREA	4987.87 SF
CUMULATIVE CUT VOL	656148.47 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	18176.14 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	656093.71 CY



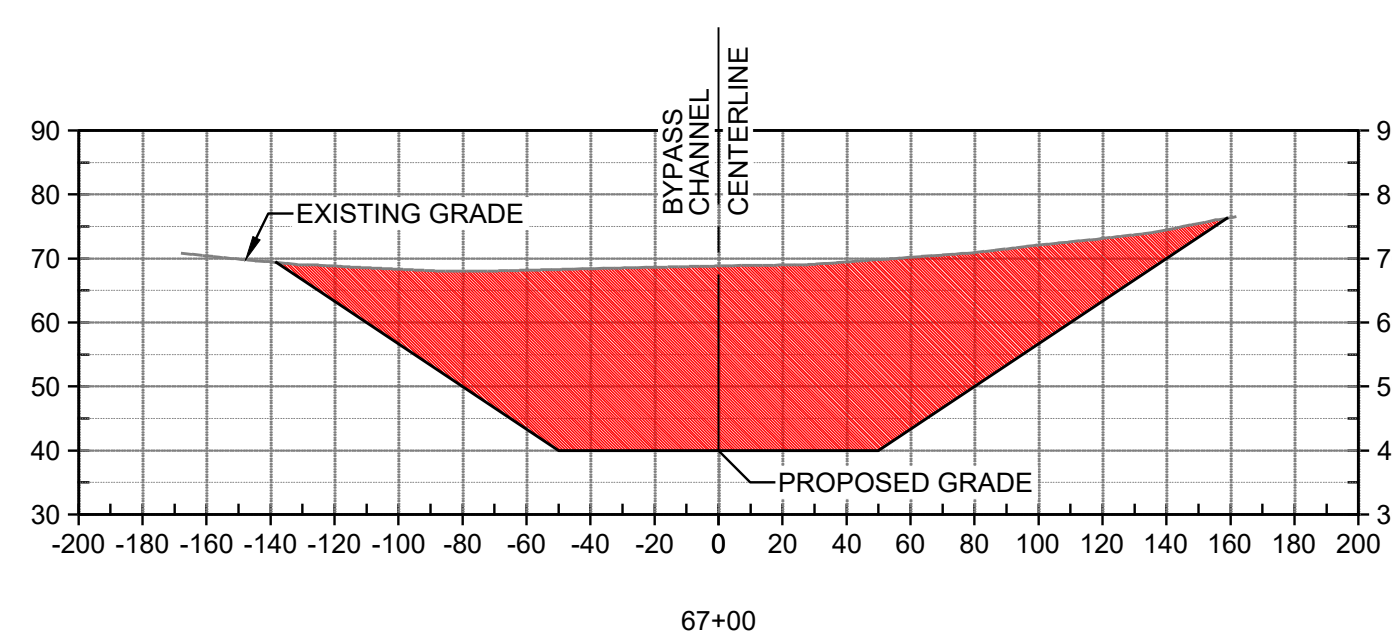
TOTAL VOLUME STATION 68+00.00	
CUT AREA	5891.45 SF
CUMULATIVE CUT VOL	756760.94 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	21486.09 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	756706.18 CY



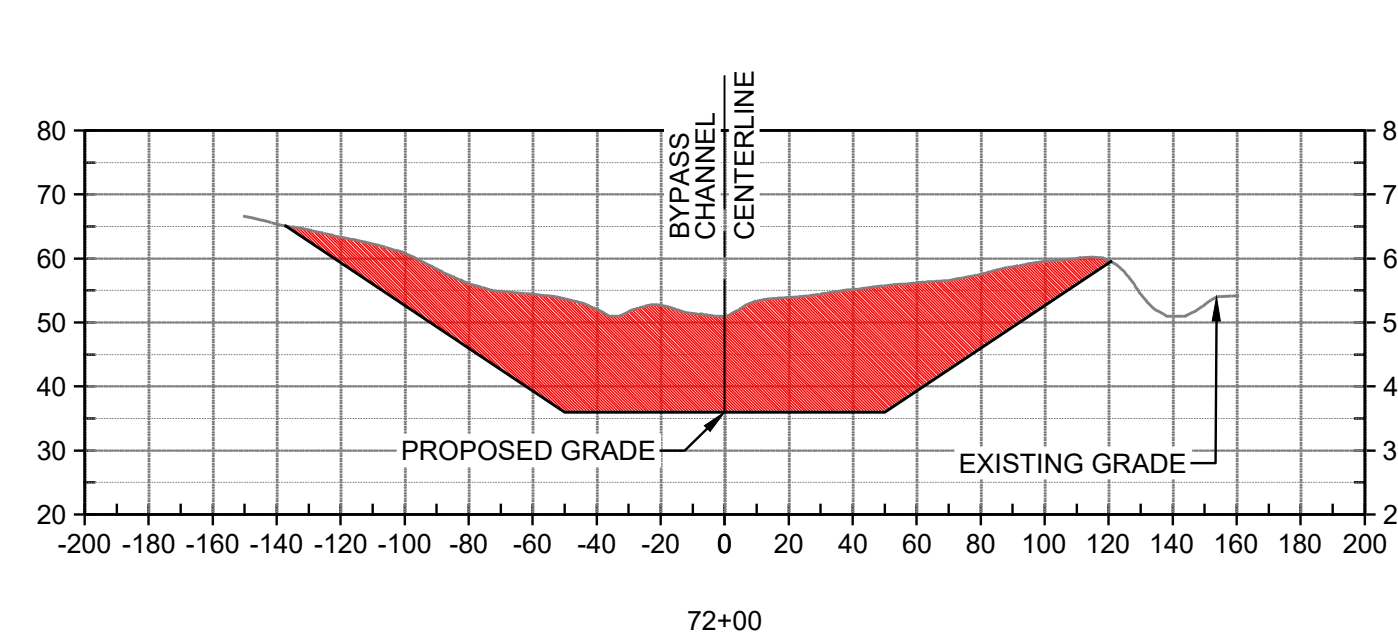
TOTAL VOLUME STATION 73+00.00	
CUT AREA	4436.29 SF
CUMULATIVE CUT VOL	848442.09 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	14107.87 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	848387.33 CY



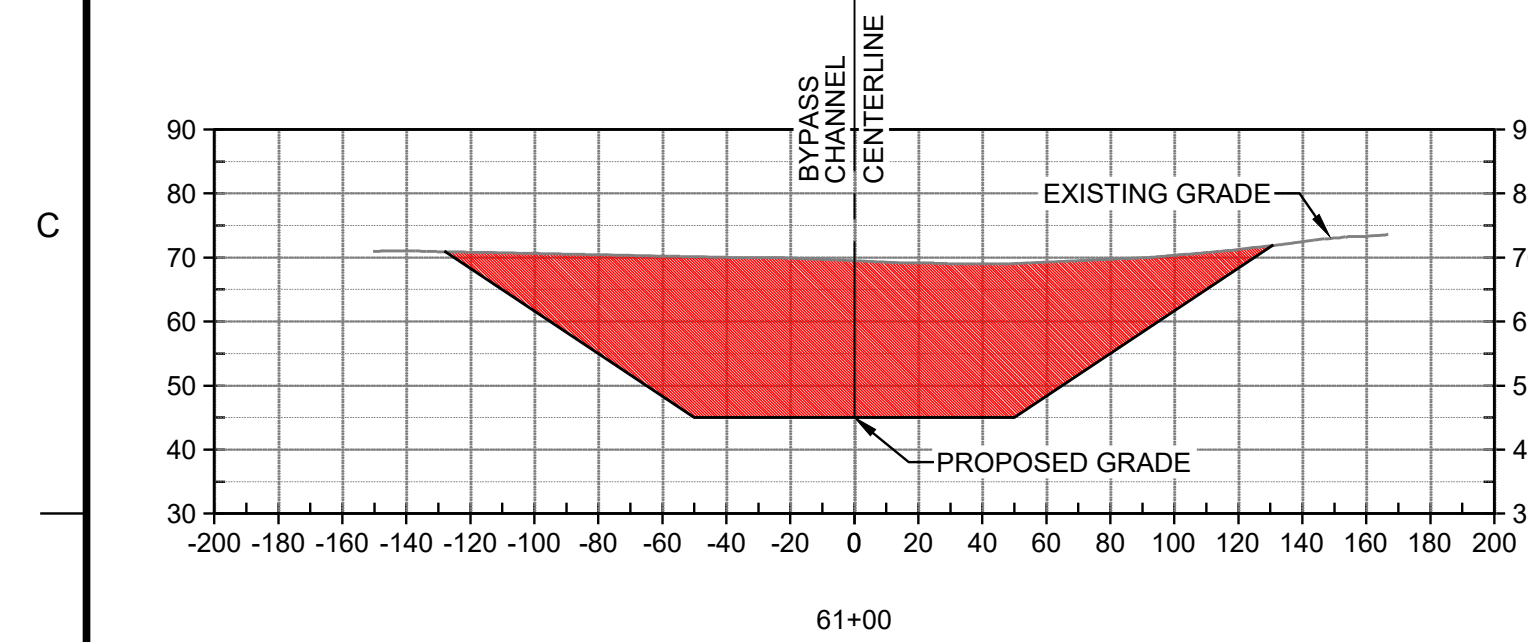
TOTAL VOLUME STATION 62+00.00	
CUT AREA	4857.01 SF
CUMULATIVE CUT VOL	637972.33 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	17093.91 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	637917.57 CY



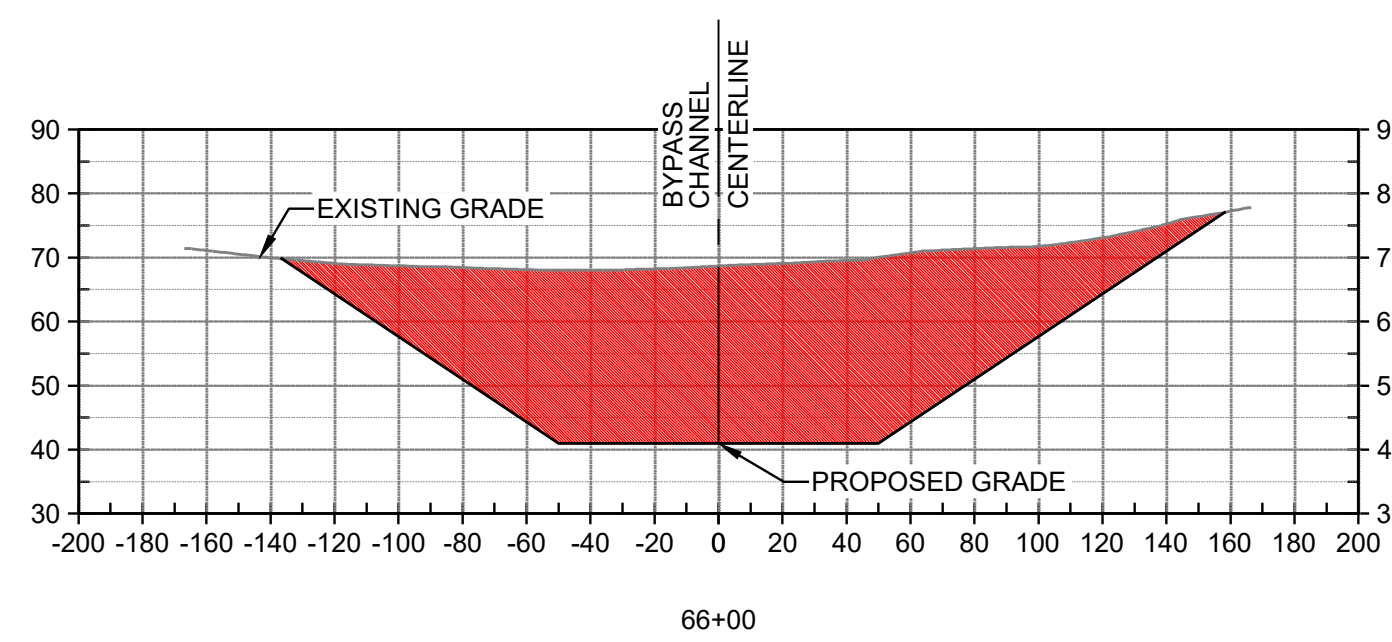
TOTAL VOLUME STATION 67+00.00	
CUT AREA	5653.25 SF
CUMULATIVE CUT VOL	735274.85 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	20478.47 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	735220.09 CY



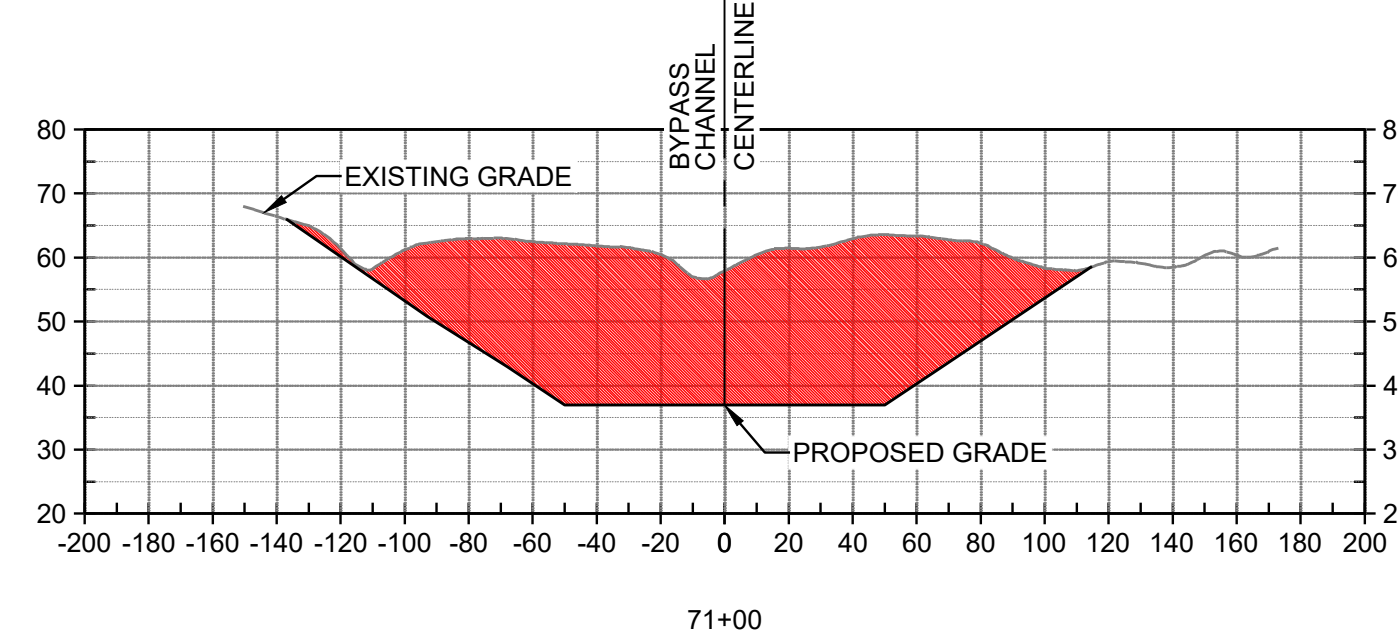
TOTAL VOLUME STATION 72+00.00	
CUT AREA	3181.96 SF
CUMULATIVE CUT VOL	834334.22 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	13642.32 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	834279.46 CY



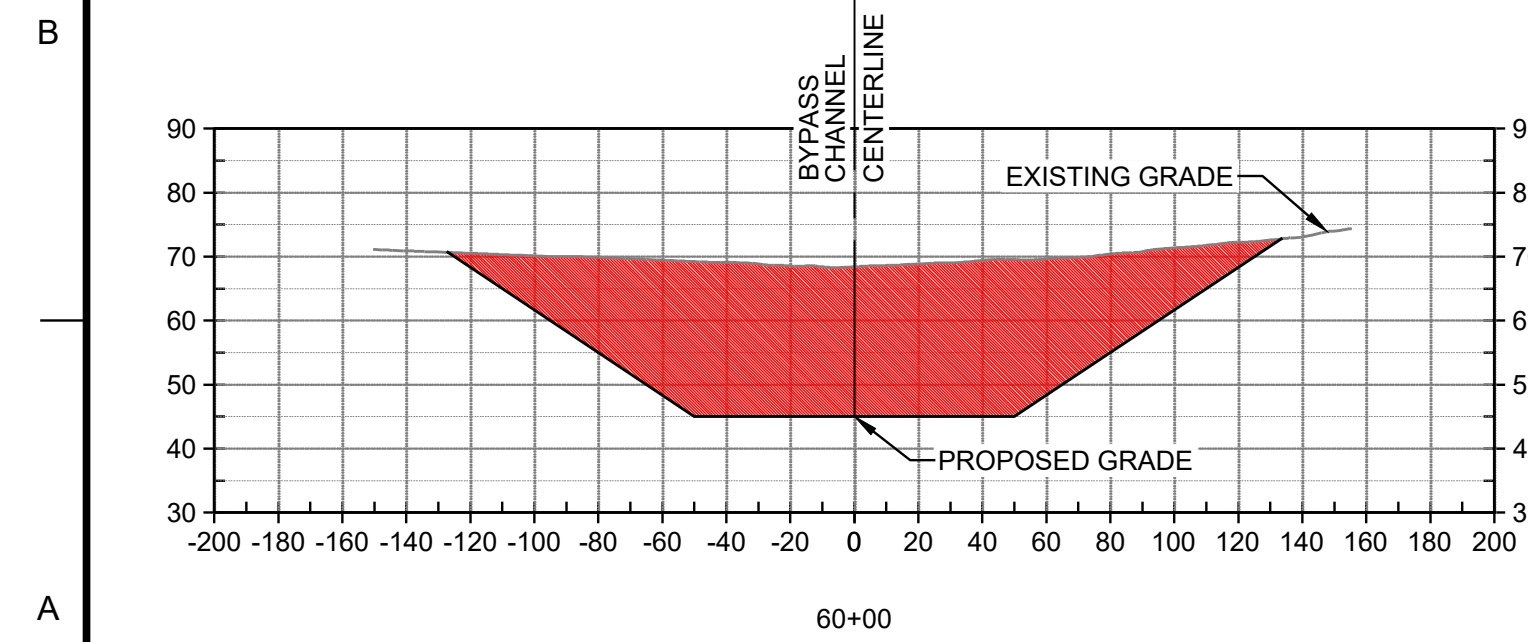
TOTAL VOLUME STATION 61+00.00	
CUT AREA	4374.76 SF
CUMULATIVE CUT VOL	620878.42 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	16079.42 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	620823.66 CY



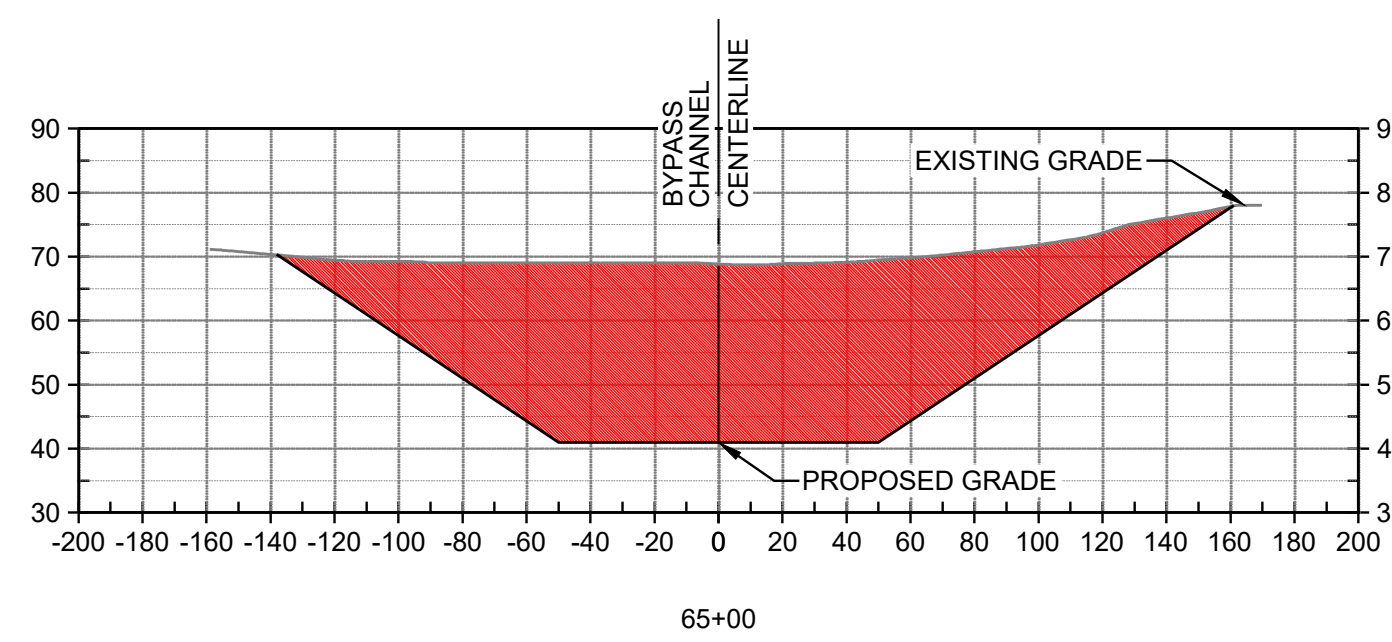
TOTAL VOLUME STATION 66+00.00	
CUT AREA	5405.12 SF
CUMULATIVE CUT VOL	714796.38 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	20141.06 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	714741.62 CY



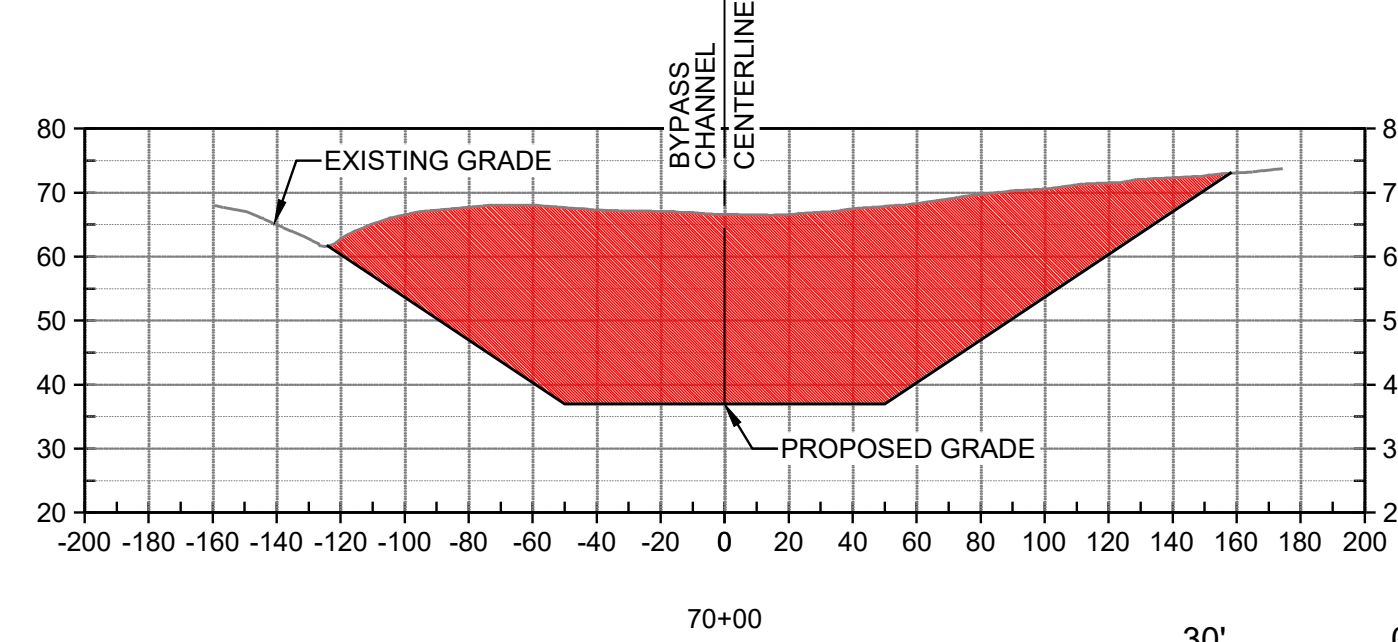
TOTAL VOLUME STATION 71+00.00	
CUT AREA	4184.90 SF
CUMULATIVE CUT VOL	820691.90 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	18812.83 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	820637.14 CY



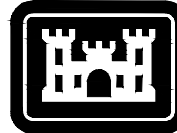
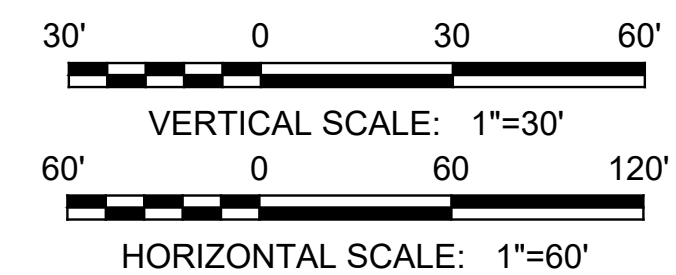
TOTAL VOLUME STATION 60+00.00	
CUT AREA	4325.58 SF
CUMULATIVE CUT VOL	604799.00 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	15719.84 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	604744.24 CY



TOTAL VOLUME STATION 65+00.00	
CUT AREA	5486.04 SF
CUMULATIVE CUT VOL	694655.33 C ³
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	19714.70 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	694600.57 C ³



TOTAL VOLUME STATION 70+00.00	
CUT AREA	5974.03 SF
CUMULATIVE CUT VOL	801879.07 CY
CUMULATIVE FILL VOL	54.76 CY
CUT VOL	22860.56 CY
FILL AREA	0.00 SF
FILL VOL	0.00 CY
NET VOL	801824.31 CY



**US Army Corps
of Engineers®**

[illegible]

DESIGNED BY:	ISSUE DATE:
J. CAPE	MMM YYYY
DRAWN BY:	SOLICITATION NO.:
J. CAPE	
CHECKED BY:	CONTRACT NO.:
	-
SUBMITTED BY:	PROJECT NUMBER:
SIZE:	CHB22001
FILE NAME:	
ANSI D	CHB22001-CG307R

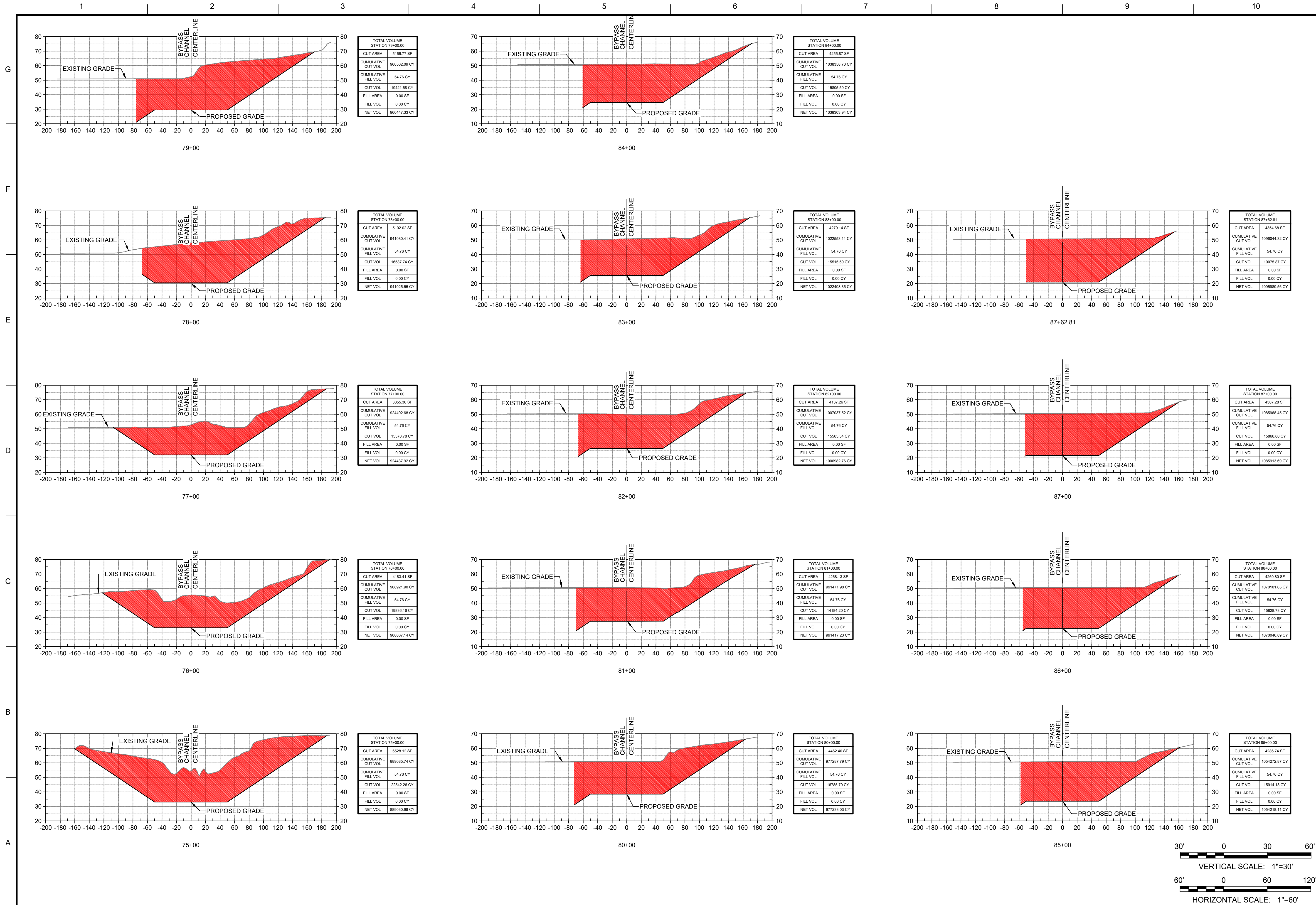
ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 SAINT JOSEPH STREET
MOBILE, ALABAMA

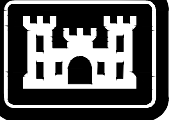
FRANKLIN, ALABAMA
LOWER ALABAMA RIVER FISH PASSAGE
GENERAL INVESTIGATION STUDY

MILLERS FERRY BYPASS CHANNEL
CROSS SECTIONS

SHEET ID

CG307





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J. CAPE	MM/YY/YY	MM/YY/YY
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U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 SAINT JOSEPH STREET
MOBILE, ALABAMA

FRANKLIN, ALABAMA
LOWER ALABAMA RIVER FISH PASSAGE
GENERAL INVESTIGATION STUDY

MILLERS FERRY BYPASS CHANNEL
CROSS SECTIONS

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SHEET ID
S-303

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DOWNSTREAM

UPSTREAM

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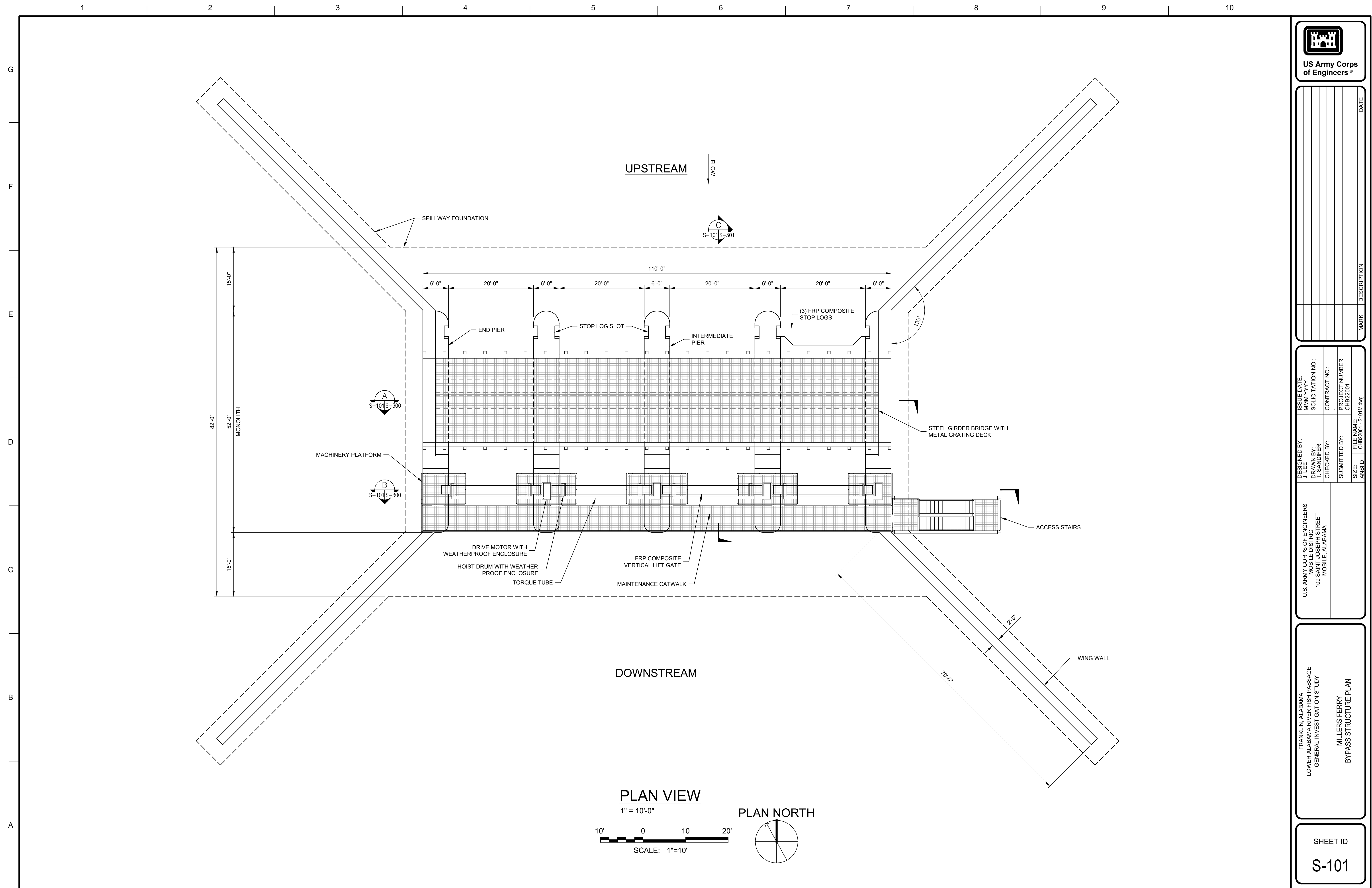
U.S. ARMY CORPS OF ENGINEERS 109 SAINT JOSEPH STREET MOBILE, ALABAMA	DESIGNED BY:	J. LEE	ISSUE DATE:	MMM YYYY
	DRAWN BY:	W. HARRIS	SOLICITATION NO.:	
	CHECKED BY:	T. SANDIFER	CONTRACT NO.:	
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FRANKLIN, ALABAMA
LOWER ALABAMA RIVER FISH PASSAGE
GENERAL INVESTIGATION STUDY

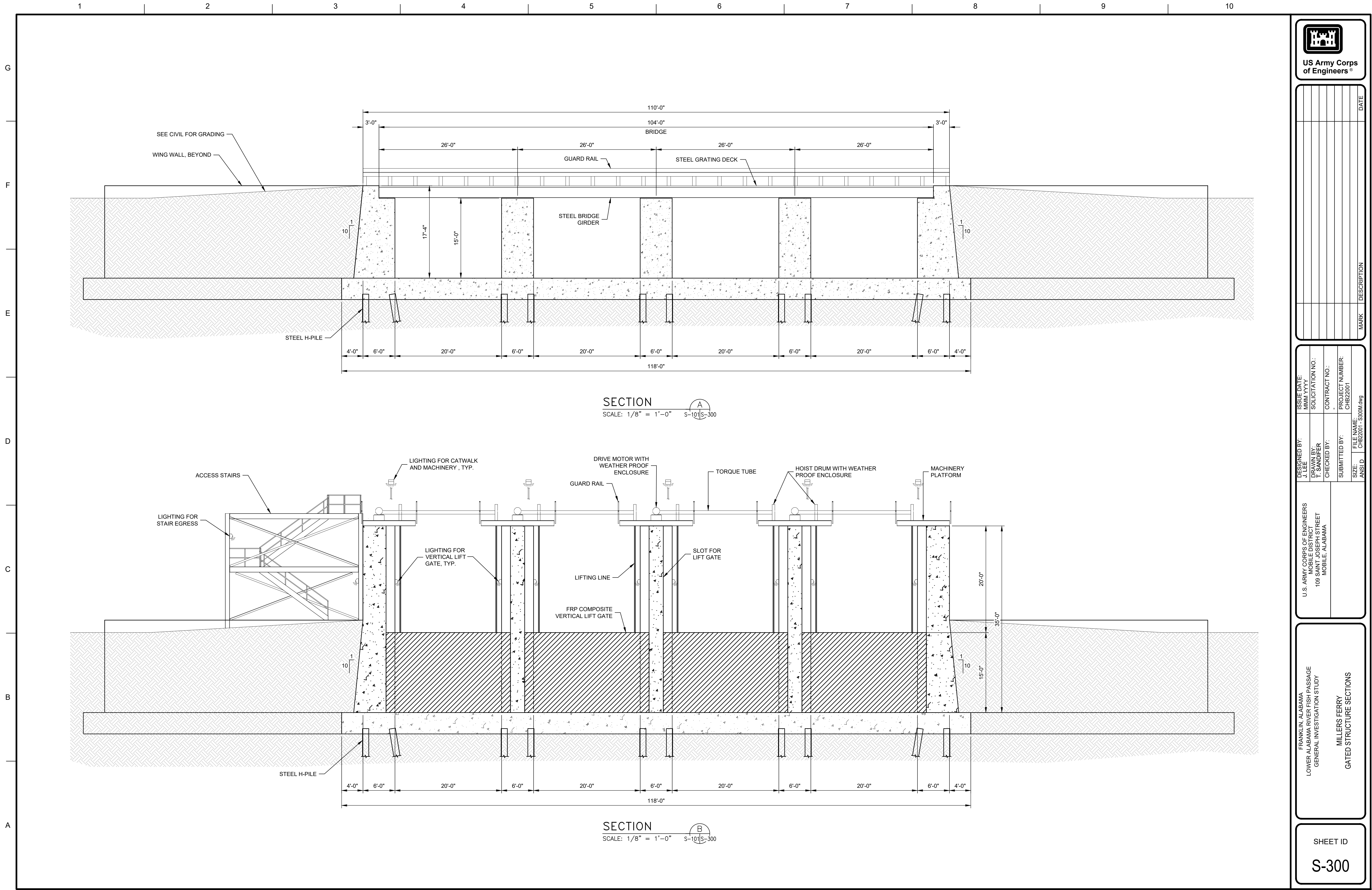
CLAIBORNE
BYPASS STRUCTURE ISOMETRIC

SHEET ID

S-900







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U.S. ARMY CORPS OF ENGINEERS		MOBILE DISTRICT		109 SAINT JOSEPH STREET		MOBILE, ALABAMA	

FRANKLIN, ALABAMA
LOWER ALABAMA RIVER FISH PASSAGE
GENERAL INVESTIGATION STUDY

MILLERS FERRY
GATED STRUCTURE SECTIONS

SHEET ID

S-300

[illegible]

109 SAINT JOSEPH STREET MOBILE, ALABAMA	DRAWN BY: T. SANDIFER		SOLICITATION NO.:
	CHECKED BY:		CONTRACT NO.:
	SUBMITTED BY:		PROJECT NUMBER: CHB22001
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GENERAL INVESTIGATION STUDY

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