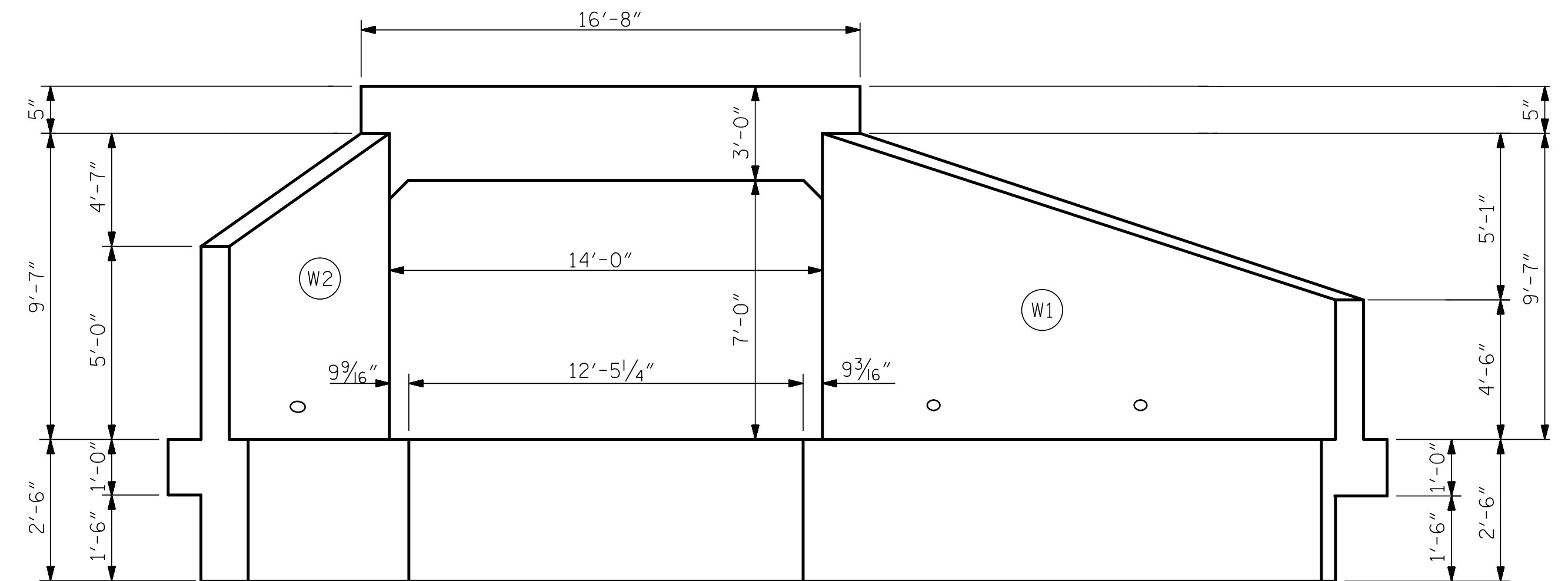


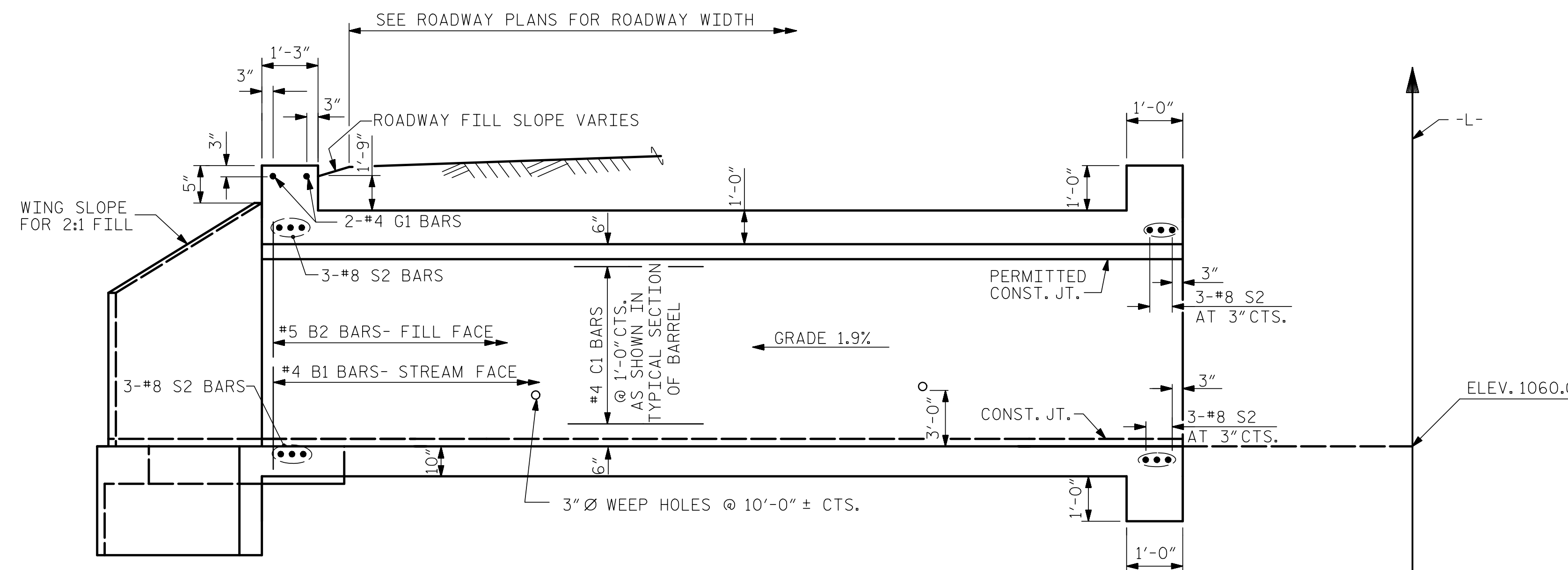
RIGHT ANGLE SECTION OF BARREL
THERE ARE 34 "C" BARS IN SECTION OF BARREL

STAGE I QUANTITIES			
CLASS A CONCRETE			
BARREL @	0.92	CY/FT	44.6 C.Y.
WINGS, ETC.			20.8 C.Y.
EDGE BEAMS			1.2 C.Y.
SILLS			0.5 C.Y.
TOTAL			67.1 C.Y.
REINFORCING STEEL			
BARREL & SILLS			6,152 LBS.
WINGS, ETC.			1,201 LBS.
TOTAL			7,353 LBS.
CULVERT EXCAVATION		LUMP SUM	
FOUNDATION COND. MAT'L.		42 TONS	

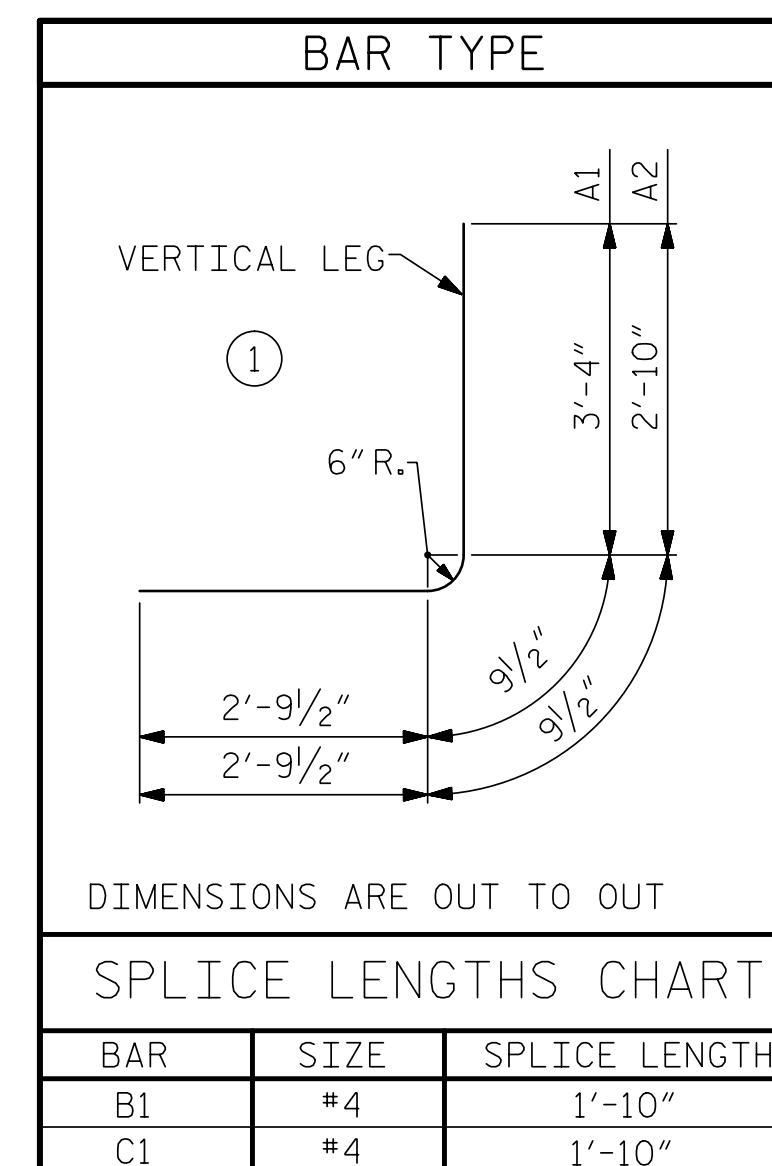
STAGE I BAR SCHEDULE											
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A100	51	#6	STR	7'-11"	606	A1	98	#5	1	6'-11"	707
A101	4	#6	STR	7'-4"	44	A2	98	#6	1	6'-5"	945
A102	4	#6	STR	6'-6"	39						
A103	4	#6	STR	5'-9"	35	B1	98	#4	STR	8'-4"	546
A104	4	#6	STR	5'-0"	30	B2	98	#5	STR	6'-4"	647
A105	4	#6	STR	4'-3"	26						
A106	4	#6	STR	3'-5"	21	C1	68	#4	STR	25'-0"	1136
A107	4	#6	STR	2'-8"	16						
A200	51	#6	STR	7'-11"	606	S2	12	#8	STR	15'-10"	507
A201	4	#6	STR	7'-4"	44	G1	2	#4	STR	15'-10"	21
A202	4	#6	STR	6'-6"	39						
A203	4	#6	STR	5'-9"	35	D2	4	#6	STR	1'-5"	9
A204	4	#6	STR	5'-0"	30						
A205	4	#6	STR	4'-3"	26						
A206	4	#6	STR	3'-5"	21						
A207	4	#6	STR	2'-8"	16						
										REINFORCING STEEL	6,152 LBS



OUTLET END ELEVATION NORMAL TO SKEW



CULVERT SECTION NORMAL TO ROADWAY



PROJECT NO. B-5833
YADKIN COUNTY
 STATION: 12+93.03 -L-

SHEET 4 OF 9

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SINGLE 7 FT. X 7 FT. CONCRETE BOX CULVERT 30° SKEW STAGE I

11/20/2025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
 706 HILLSBOROUGH STREET
 SUITE 200
 RALEIGH, NC 27603
 PH (919) 773-8887
 CORP. LICENSE NO.: C-0275

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-4
1			3			TOTAL SHEETS
2			4			9

ASSEMBLED BY: ZCS DATE: 11/21
 CHECKED BY: MGC DATE: 3/22