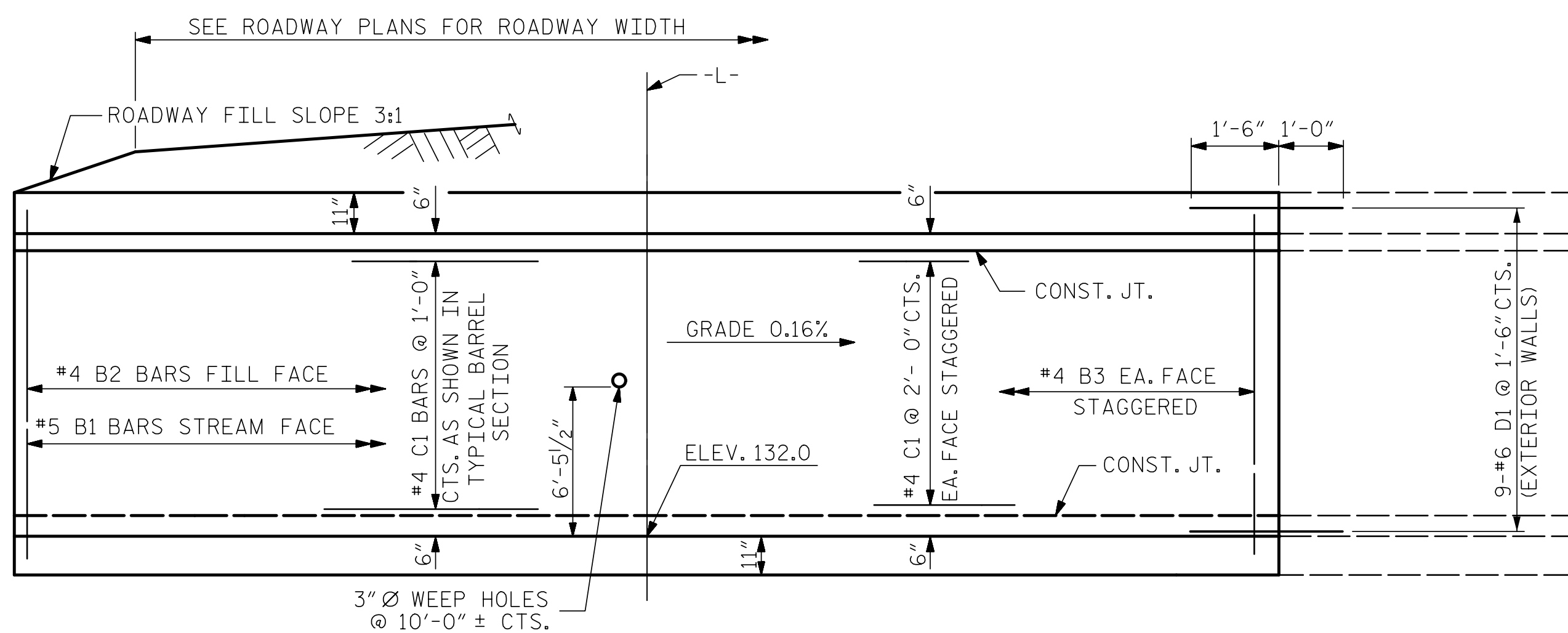


RIGHT ANGLE SECTION OF BARREL

THERE ARE 148 "C" BARS IN SECTION OF BARREL.



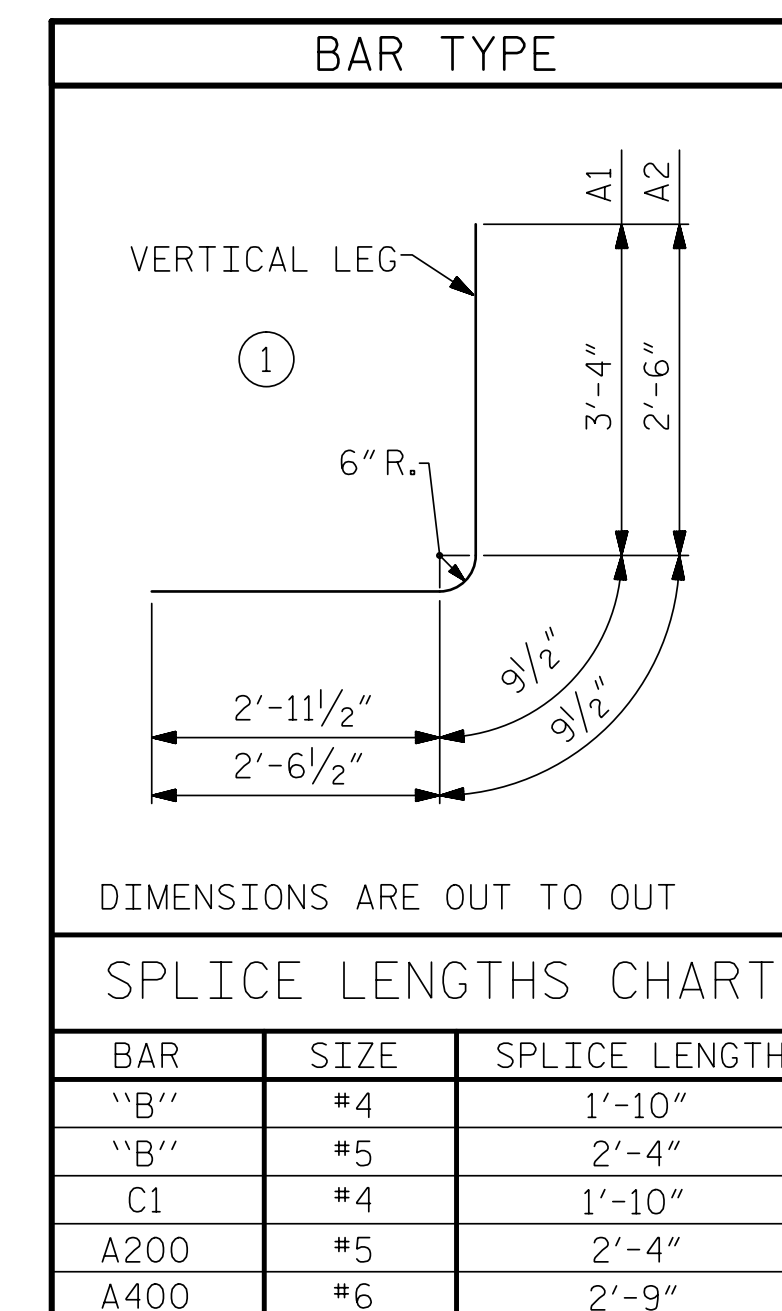
EXTERIOR WALL

INTERIOR WALL

STAGE II - CULVERT SECTION NORMAL TO ROADWAY

STAGE II QUANTITIES			
CLASS A CONCRETE			
BARREL @	3.99	CY/FT	201.5 C.Y.
TOTAL			201.5 C.Y.
REINFORCING STEEL			
BARREL			29,493 LBS.
TOTAL			29,493 LBS.
CULVERT EXCAVATION		LUMP SUM	
FOUNDATION COND. MAT'L.		153 TONS	

STAGE II BAR SCHEDULE												
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
A100	76	#6	STR	38'-7"	4404	A1	152	#6	1	7'-1"	1617	
						A2	152	#5	1	5'-10"	925	
A200	76	#5	STR	38'-7"	3058	B1	102	#5	STR	13'-4"	1418	
A300	76	#6	STR	38'-7"	4404	B2	152	#4	STR	11'-4"	1151	
						B3	304	#4	STR	13'-4"	2708	
A400	76	#6	STR	38'-7"	4404	C1	296	#4	STR	26'-0"	5141	
						D1	70	#6	STR	2'-6"	263	
										REINFORCING STEEL		29,493 LBS



PROJECT NO. I-5987A
ROBESON COUNTY
 STATION: 310+73.00 -L-

SHEET 6 OF 14

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

TRIPLE 12 FT. X 12 FT. CONCRETE BOX CULVERT STAGE II

5/10/2022 | 10:02 AM EDT

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:	C11-6
1			3			TOTAL SHEETS
2			4			14

DRAWN BY : ZCS DATE : 10/21
 CHECKED BY : MGC DATE : 1/22
 DESIGN ENGINEER OF RECORD: ZCS DATE : 1/22