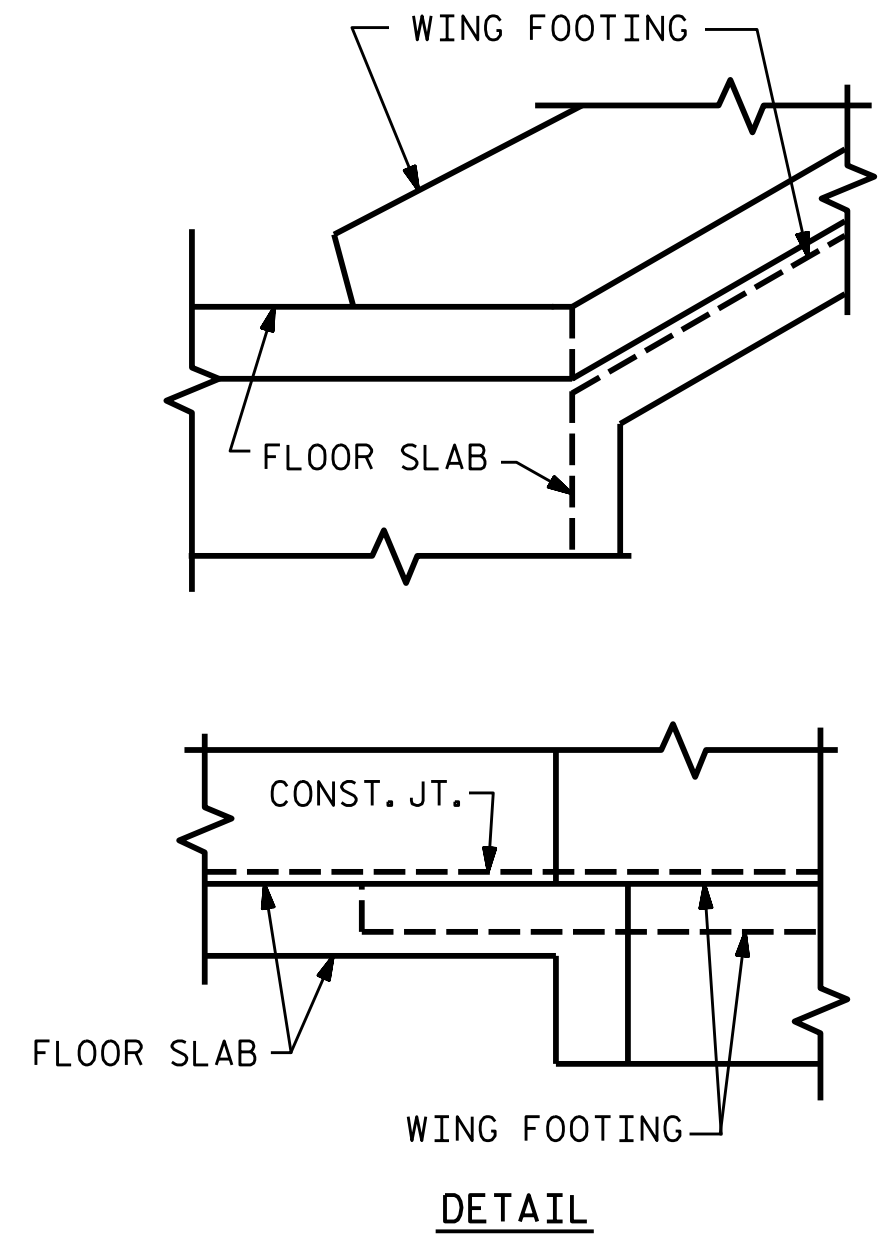


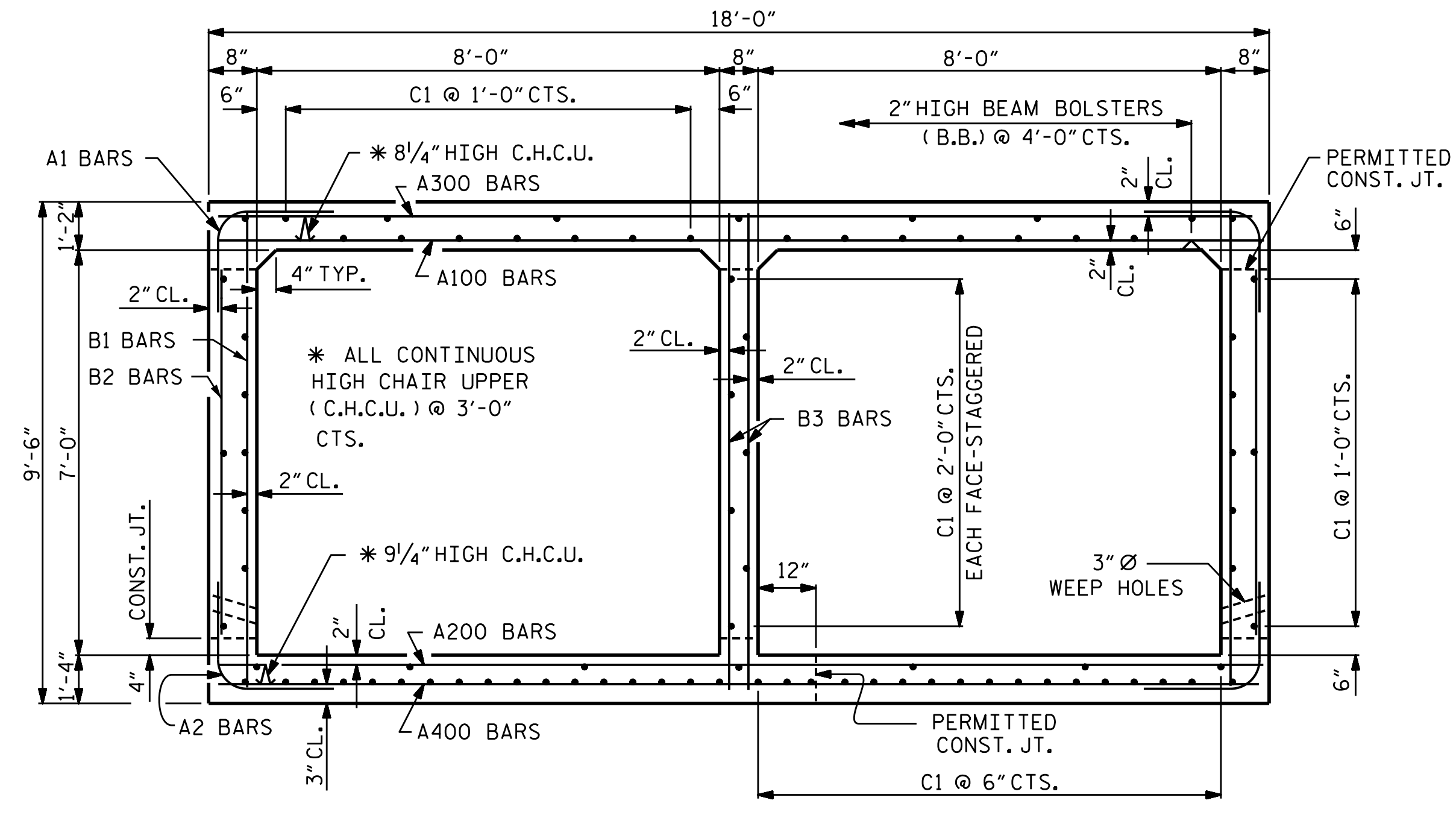
EXTERIOR WALL INTERIOR WALL
CULVERT SECTION NORMAL TO ROADWAY



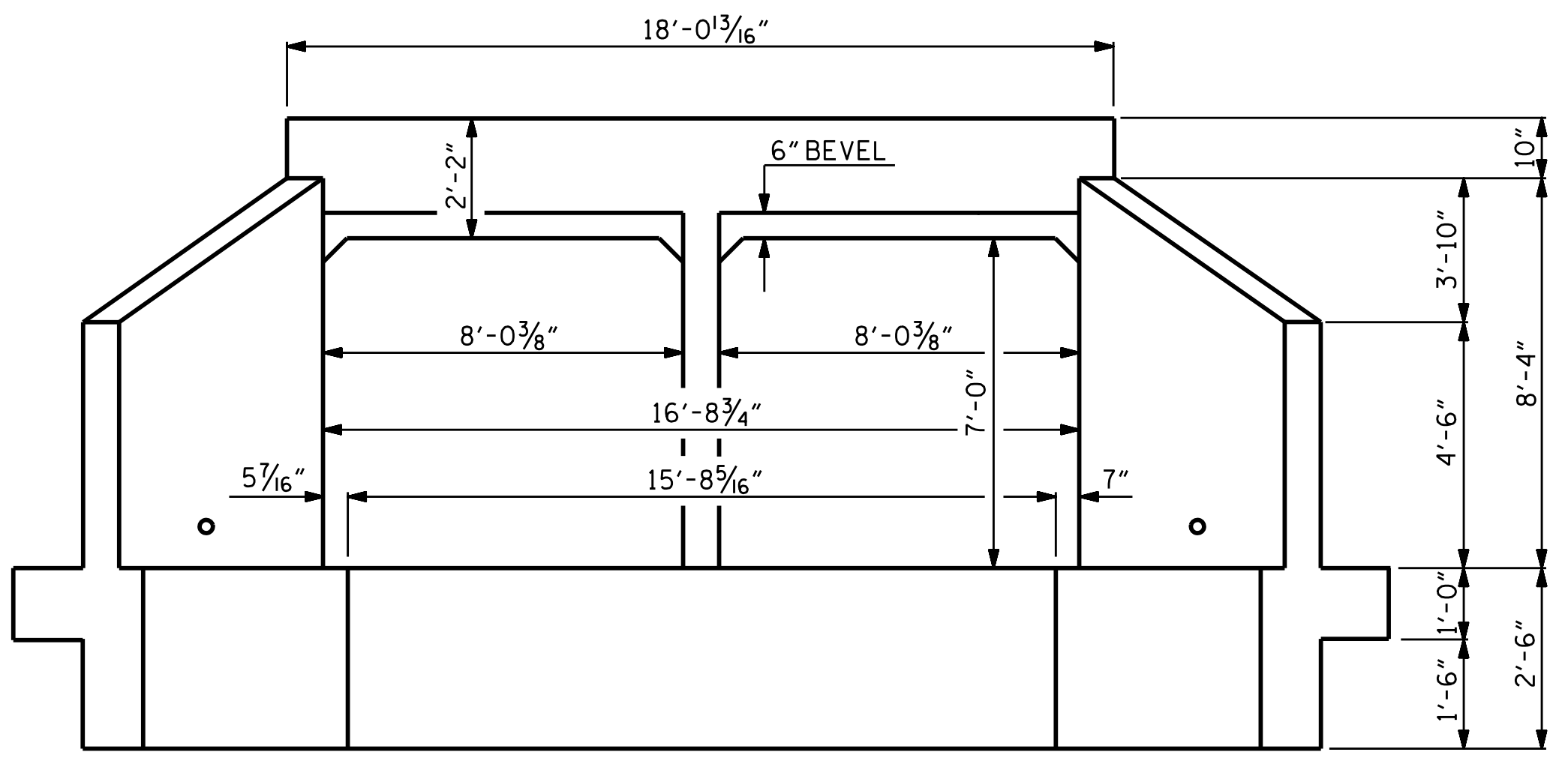
CONNECTION OF WING FOOTING AND FLOOR SLAB WHEN SLAB IS THICKER THAN FOOTING

BAR TYPE			
VERTICAL LEG	A1	A2	
6" R.	2'-7"	2'-4"	
1'-9 1/2"	9 1/2"	9 1/2"	
1'-9 1/2"			
DIMENSIONS ARE OUT TO OUT			
SPLICE LENGTHS CHART			
BAR	SIZE	SPLICE LENGTH	
C1	#4	1'-10"	
A200	#5	3'-0"	
A400	#6	2'-9"	
S2	#8	3'-8"	

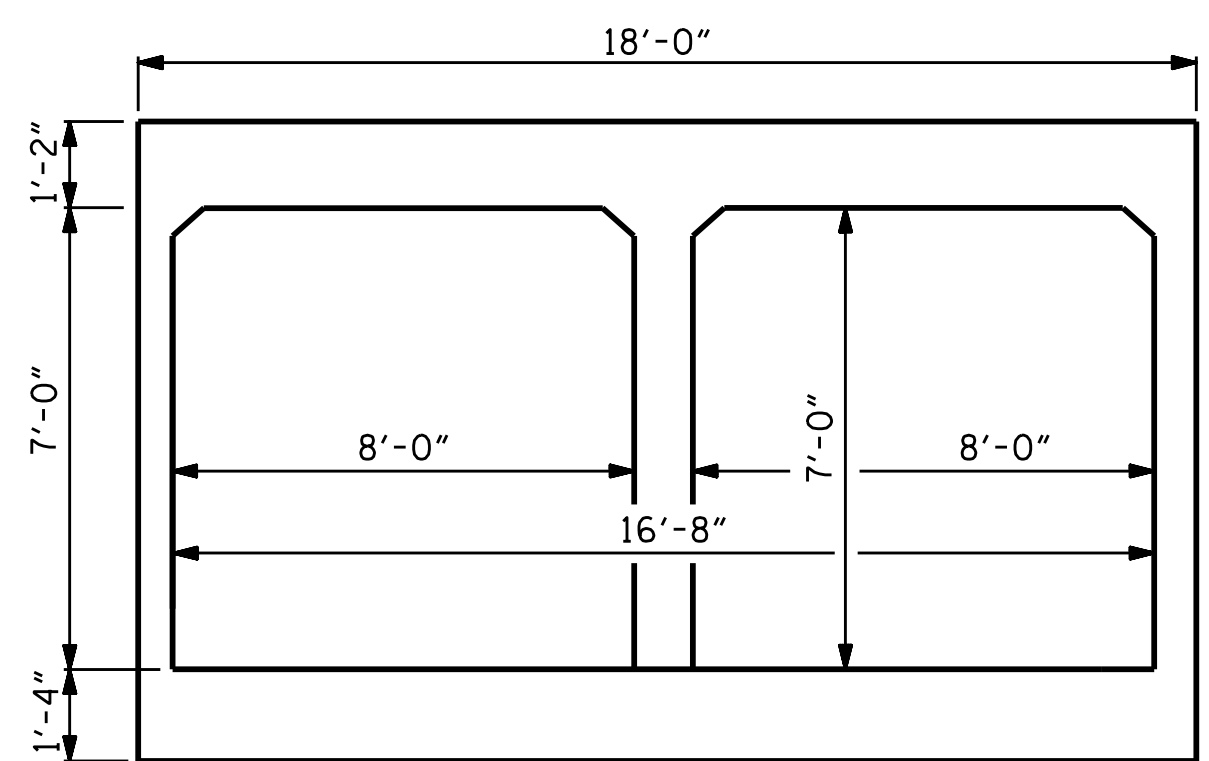
BAR SCHEDULE						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
A100	128	#5	STR	17'-7"	2347	
A101	1	#5	STR	15'-11"	17	
A102	1	#5	STR	7'-4"	8	
A200	128	#5	STR	17'-7"	2347	
A201	1	#5	STR	15'-11"	17	
A202	1	#5	STR	7'-4"	8	
A300	128	#6	STR	17'-7"	3380	
A301	1	#6	STR	15'-11"	24	
A302	1	#6	STR	7'-4"	11	
A400	128	#6	STR	17'-7"	3380	
A401	1	#6	STR	15'-11"	24	
A402	1	#6	STR	7'-4"	11	
A1	258	#4	1	5'-2"	890	
A2	258	#4	1	4'-11"	847	
B1	195	#5	STR	9'-1"	1847	
B2	258	#4	STR	6'-4"	1092	
B3	195	#4	STR	9'-1"	1183	
C1	261	#4	STR	33'-10"	5899	
D2	3	#6	STR	1'-11"	9	
D3	3	#6	STR	2'-11"	13	
G1	4	#5	STR	17'-7"	73	
S2	6	#8	STR	17'-7"	282	
REINFORCING STEEL					23,709 LBS	



RIGHT ANGLE SECTION OF BARREL
 THERE ARE 87 "C" IN SECTION OF BARREL.



INLET END ELEVATION



RIGHT END ELEVATION

STAGE I QUANTITIES	
CLASS A CONCRETE	
BARREL	2,193 CY/FT 213.1 C.Y.
WINGS, ETC.	15.3 C.Y.
SILLS	0.9 C.Y.
TOTAL	229.3 C.Y.
REINFORCING STEEL	
BARREL & SILLS	23,709 LBS.
WINGS, ETC.	930 LBS.
TOTAL	24,639 LBS.
CULVERT EXCAVATION	LUMP SUM
FOUNDATION COND. MAT'L.	151 TONS

PROJECT NO. I-5987A
ROBESON COUNTY
 STATION: 24+79.00 -Y3-

SHEET 3 OF 10

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

DOUBLE 8 FT. X 7 FT. CONCRETE BOX CULVERT
95°-00'-00" SKEW
STAGE I

SEAL 20125
 ENGINEER
 W. S. G. CHECK, JR.
 5/10/2022 | 10:06 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						TOTAL SHEETS
NO.	BY:	DATE:	NO.	BY:	DATE:	10
1			3			
2			4			

ASSEMBLED BY: STM DATE: 10/21
 CHECKED BY: MGC DATE: 12/21