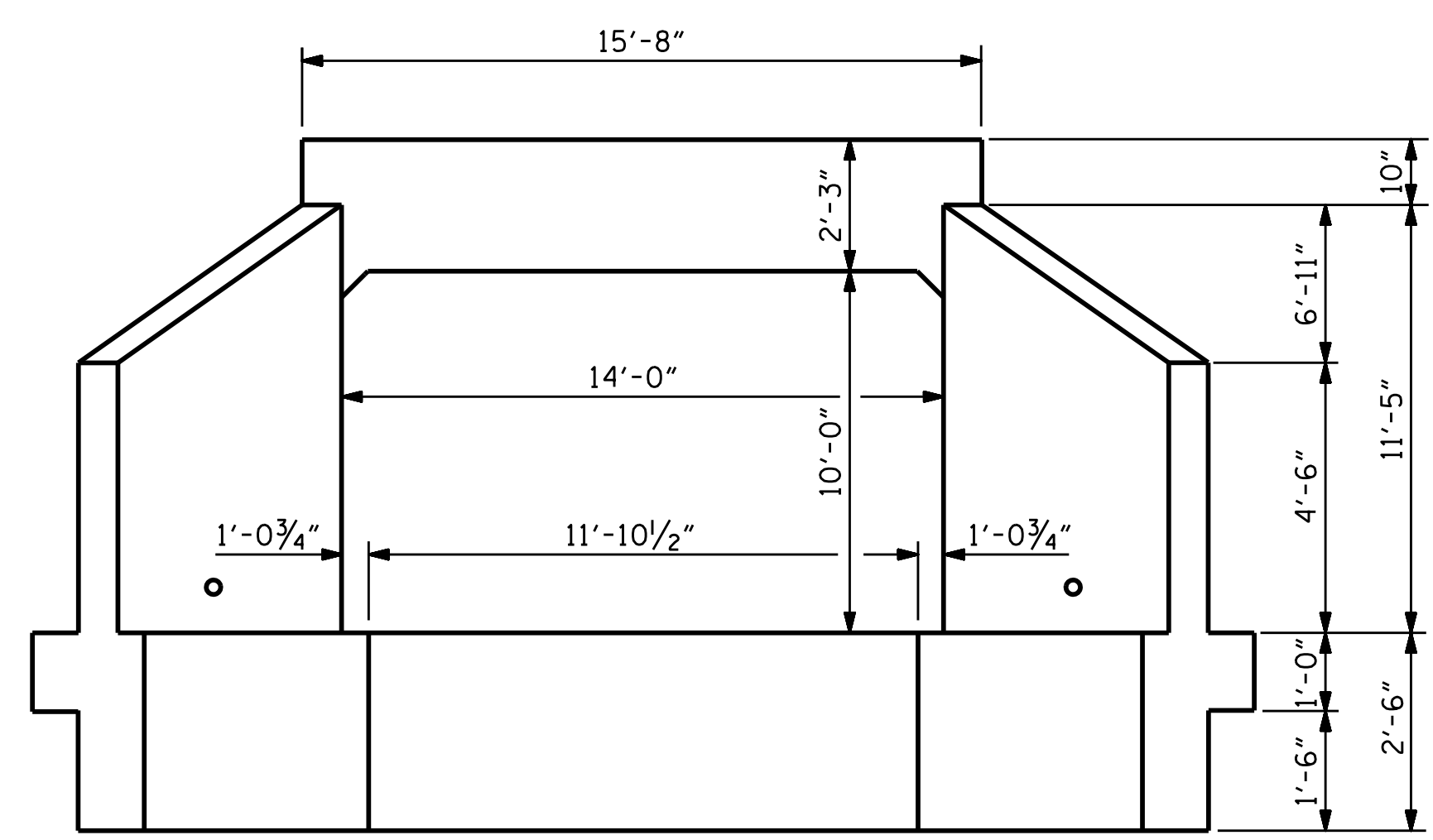
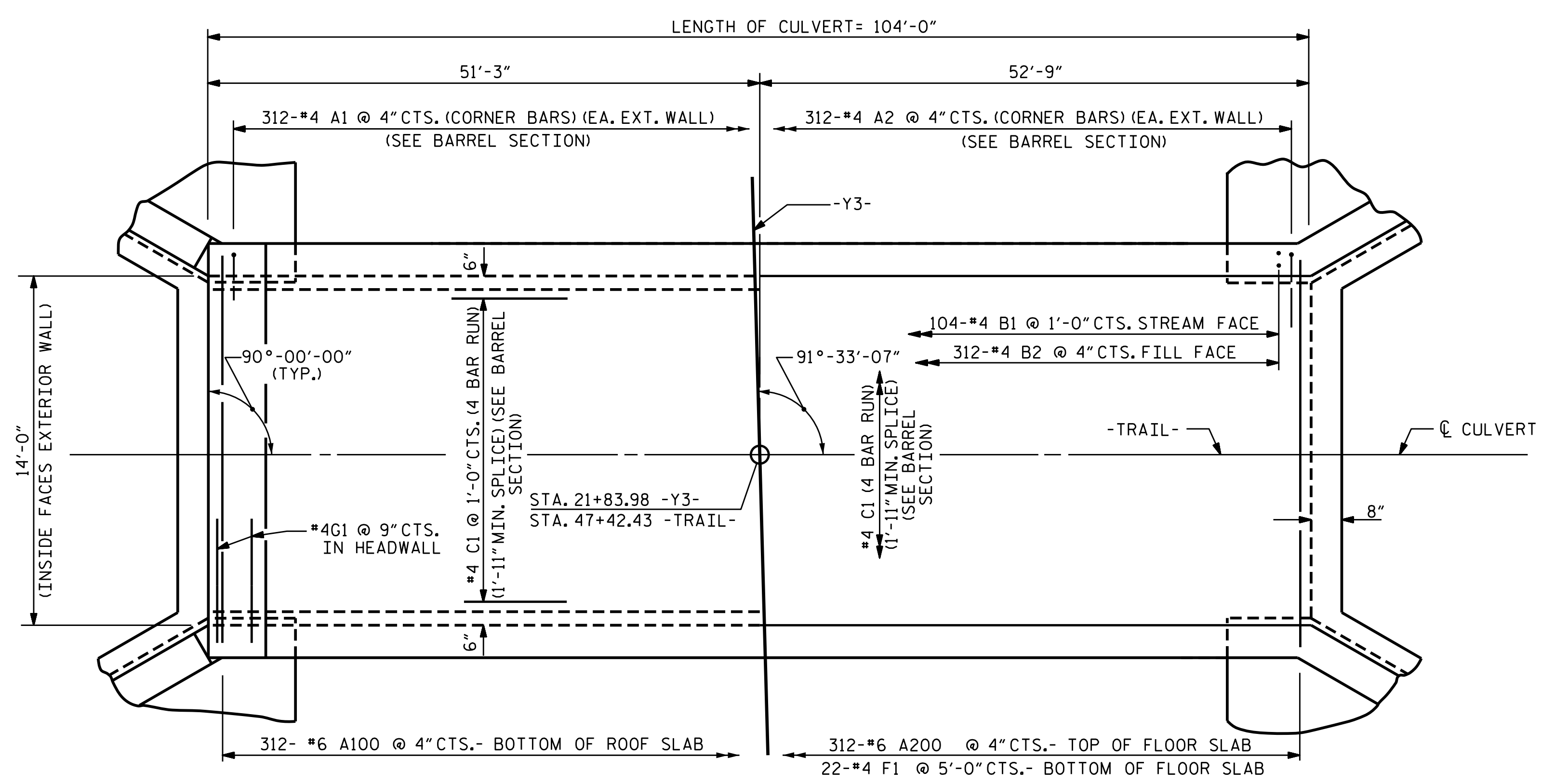


CULVERT SECTION NORMAL TO ROADWAY

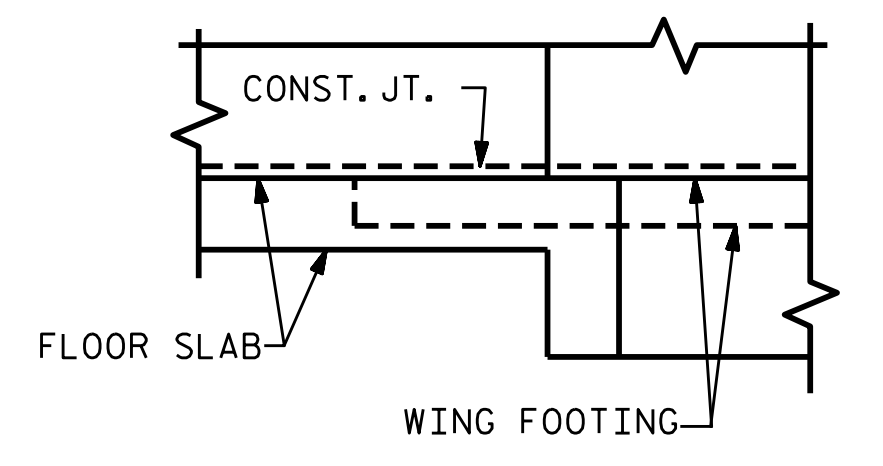
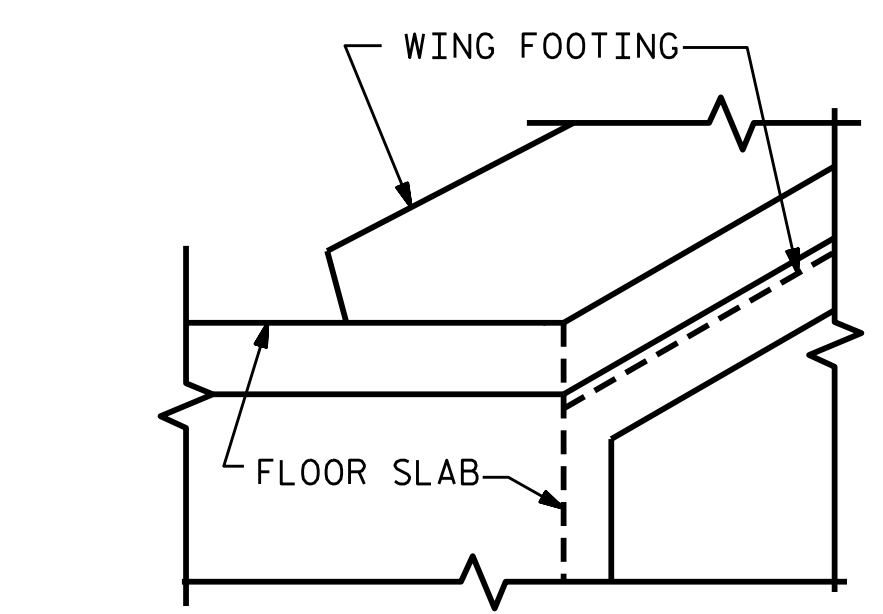


END ELEVATION



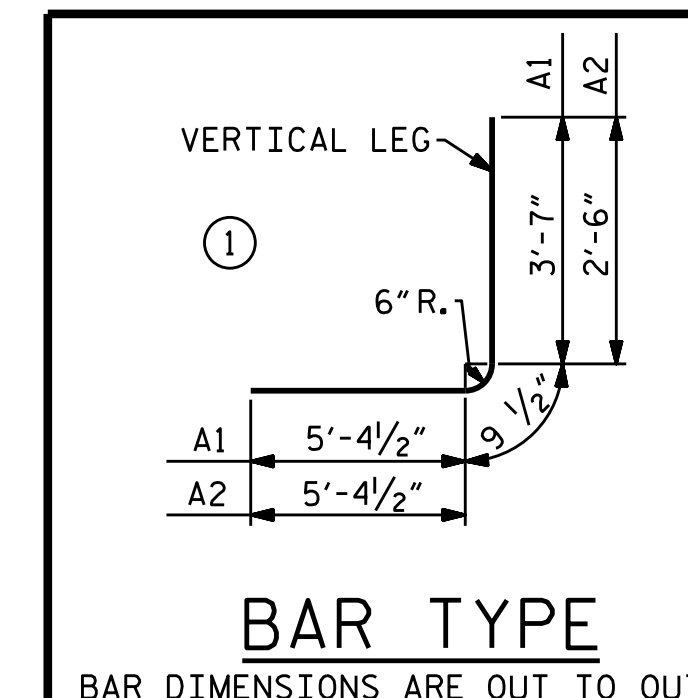
PART PLAN ROOF SLAB

PART PLAN FLOOR SLAB



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

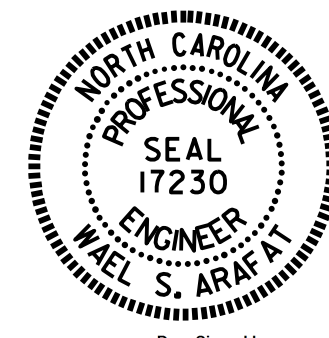
REINFORCING BAR SCHEDULE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	624	#4	1	9'-9"	4064
A2	624	#4	1	8'-8"	3613
A100	312	#6	STR.	15'-3"	7147
A200	312	#6	STR.	15'-3"	7147
B1	208	#4	STR.	12'-1"	1679
B2	624	#4	STR.	9'-4"	3890
C1	292	#4	STR.	27'-6"	5364
G1	4	#4	STR.	15'-4"	41
F1	22	#4	STR.	15'-4"	225
TOTAL REINFORCING STEEL					33170 LBS.



SPLICE CHART		
BAR	SIZE	SPLICE LENGTH
B1	#4	1'-5"
C1	#4	1'-11"

PROJECT NO. I-5000
GASTON COUNTY
 STATION: 21+83.98 -Y3-

SHEET 3 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 BARREL STANDARD
 SINGLE 14 FT. X 10 FT.
 CONCRETE BOX CULVERT
 91°-33'-07" SKEW

REVISED 8-28-92 BY E.L.R. CHECKED BY G.R.P.
 REVISED 8-29-93 BY A.M.B. CHECKED BY C.R.K.
 REDRAWN 8-22-1989
 REVISED 11-19-99 BY M.M. CHECKED BY R.W.W.

ASSEMBLED BY : H. T. BARBOUR DATE : 8-15-16
 CHECKED BY : A. M. LEE DATE : 9-28-16
 DRAWN BY : R. WRIGHT DATE : AUG. 1989
 CHECKED BY : A.R. BISSETTE DATE : AUG. 1989

SPECIAL
STANDARD
 DESIGN ENGINEER OF RECORD:
 O. PUIGCERVER DATE : 10-31-16

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

TOTAL SHEETS: 26