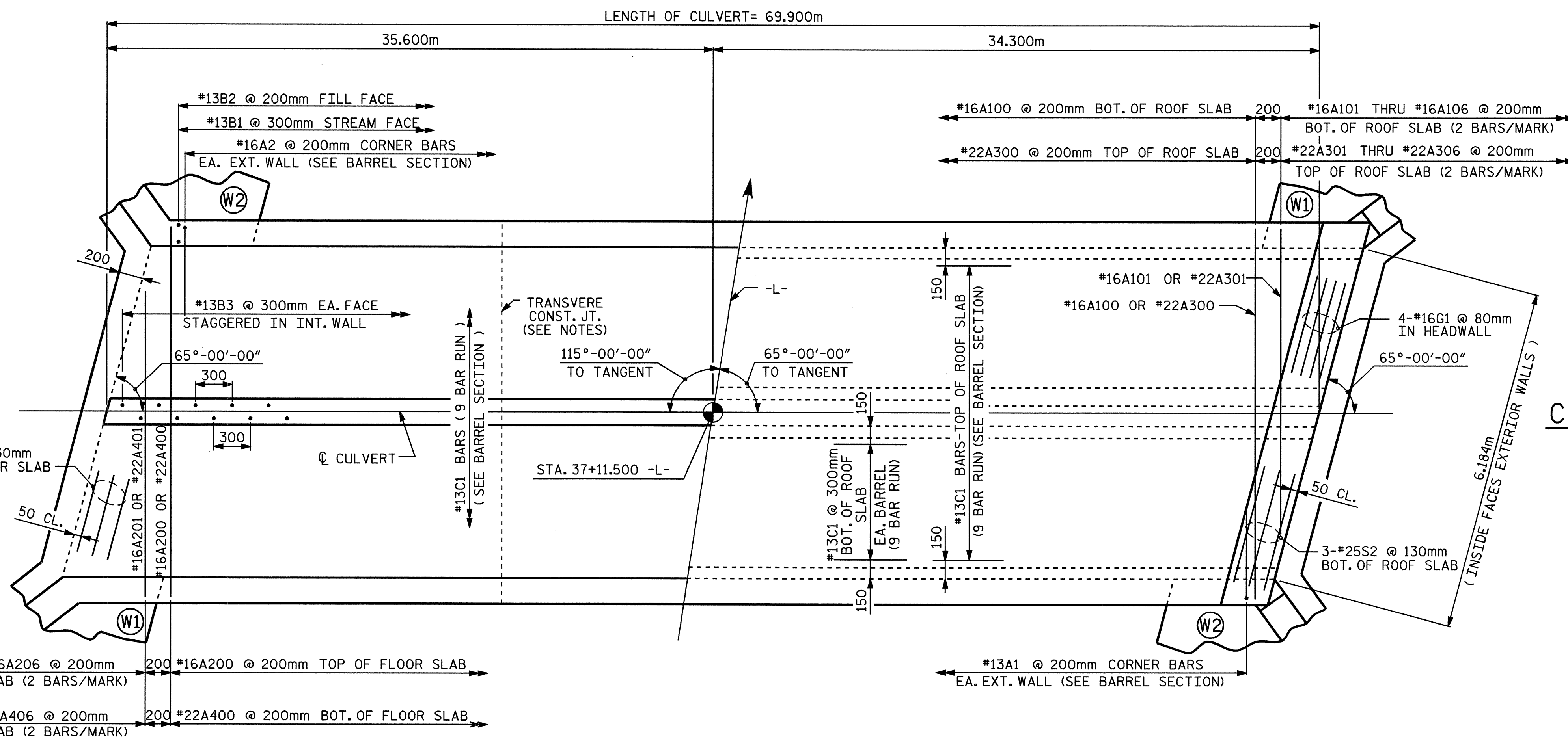


CULVERT SECTION NORMAL TO ROADWAY

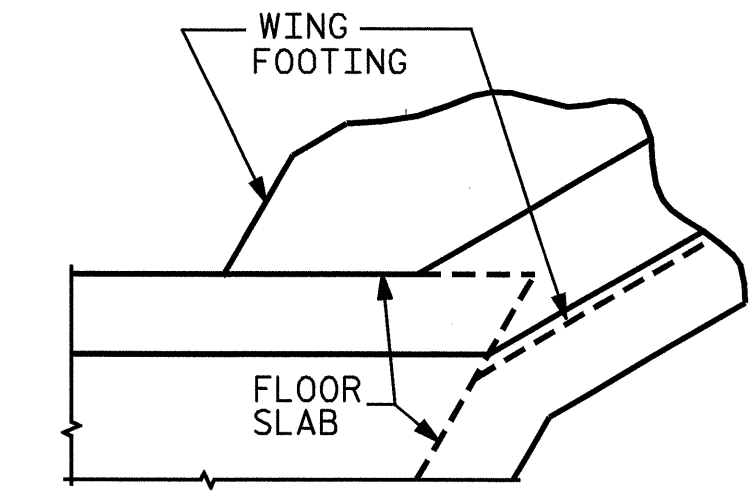


PART PLAN - FLOOR SLAB

PART PLAN - ROOF SLAB

BAR TYPE		BILL OF MATERIAL				
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
A100	336	#16	STR.	5860	3056	
A101	4	#16	STR.	4960	31	
A102	4	#16	STR.	4080	25	
A103	4	#16	STR.	3260	20	
A104	4	#16	STR.	2380	15	
A105	4	#16	STR.	1520	9	
A106	4	#16	STR.	660	4	
A200	336	#16	STR.	5860	3056	
A201	4	#16	STR.	4960	31	
A202	4	#16	STR.	4080	25	
A203	4	#16	STR.	3260	20	
A204	4	#16	STR.	2380	15	
A205	4	#16	STR.	1520	9	
A206	4	#16	STR.	660	4	

SPLICE LENGTHS CHART		BILL OF MATERIAL						
BAR	SIZE	SPLICE LENGTH	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A300	#22	540	A300	336	#22	STR.	5860	5990
A301	#22	540	A301	4	#22	STR.	4960	60
A302	#22	540	A302	4	#22	STR.	4080	50
A303	#22	540	A303	4	#22	STR.	3260	40
A304	#22	540	A304	4	#22	STR.	2380	29
A305	#22	540	A305	4	#22	STR.	1520	18
A306	#22	540	A306	4	#22	STR.	660	8
A400	#22	920	A400	336	#22	STR.	5860	5990
A401	#22	920	A401	4	#22	STR.	4960	60
A402	#22	920	A402	4	#22	STR.	4080	50
A403	#22	920	A403	4	#22	STR.	3260	40
A404	#22	920	A404	4	#22	STR.	2380	29
A405	#22	920	A405	4	#22	STR.	1520	18
A406	#22	920	A406	4	#22	STR.	660	8
B1	#13	540	B1	700	#13	STR.	1380	960
B3	#13	540	B2	700	#13	STR.	1880	1308
C1	#13	590	B3	466	#13	STR.	2620	1214
			C1	837	#13	STR.	8280	6889
			D1	16	#19	STR.	380	14
			D2	16	#19	STR.	520	19
			D3	24	#19	STR.	820	44
			G1	8	#16	STR.	6500	81
			S2	12	#25	STR.	6500	310
			REINFORCING STEEL (kg)					32349



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

PROJECT NO. R-2552AB
 JOHNSTON COUNTY
 STATION 37+11.500 -L-

SHEET 3 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 DOUBLE 2.7m X 2.1m
 CONCRETE BOX CULVERT
 65° SKEW



REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-3
1			3			TOTAL SHEETS
2			4			8

23-MAR-2005 11:48
 C:\temp\R2552A-1.DGN
 cyarbrough
 DRAWN BY: KEITH D. LAYNE DATE: 11-18-04
 CHECKED BY: J. P. ADAMS DATE: 12/04

STR. #X10