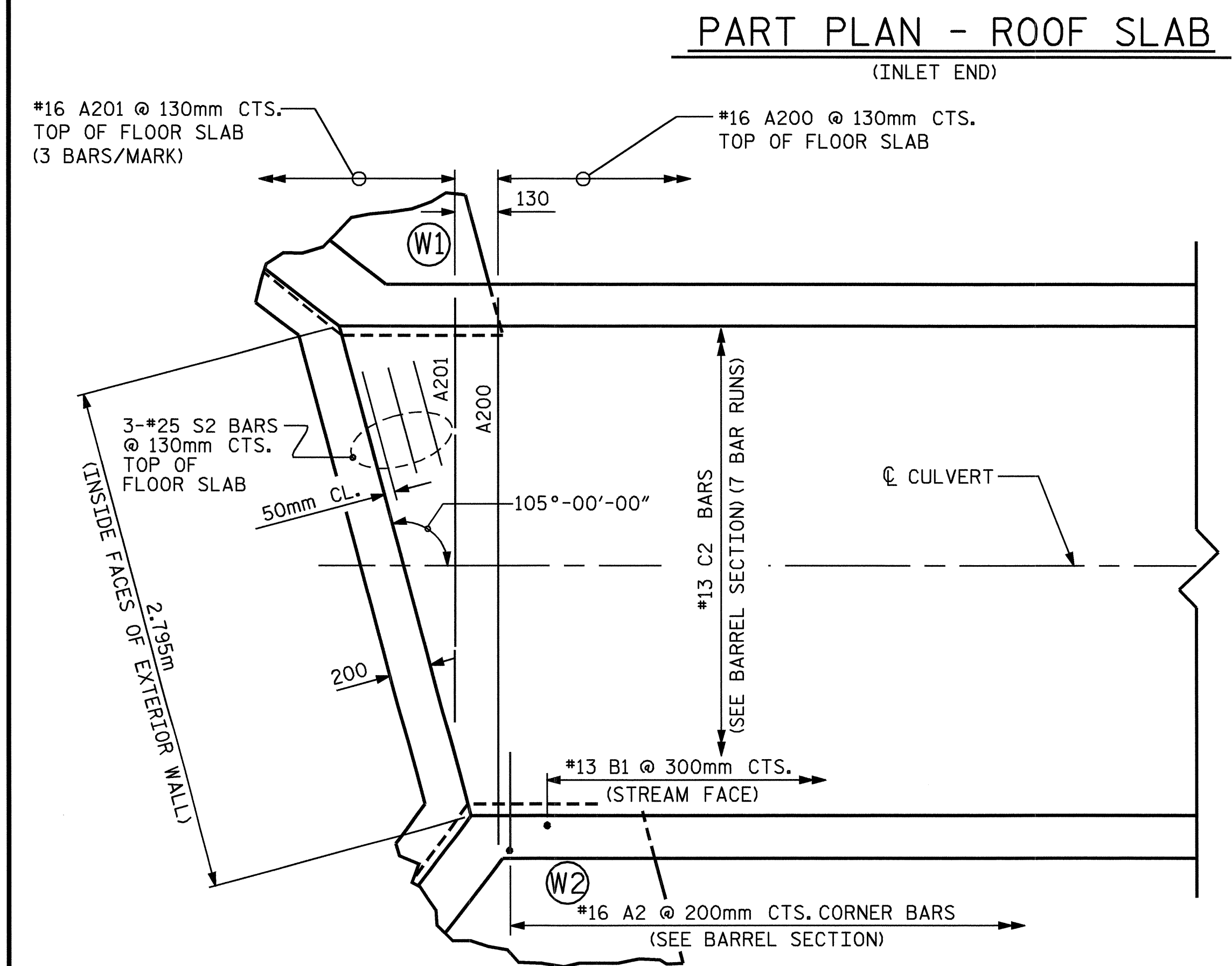
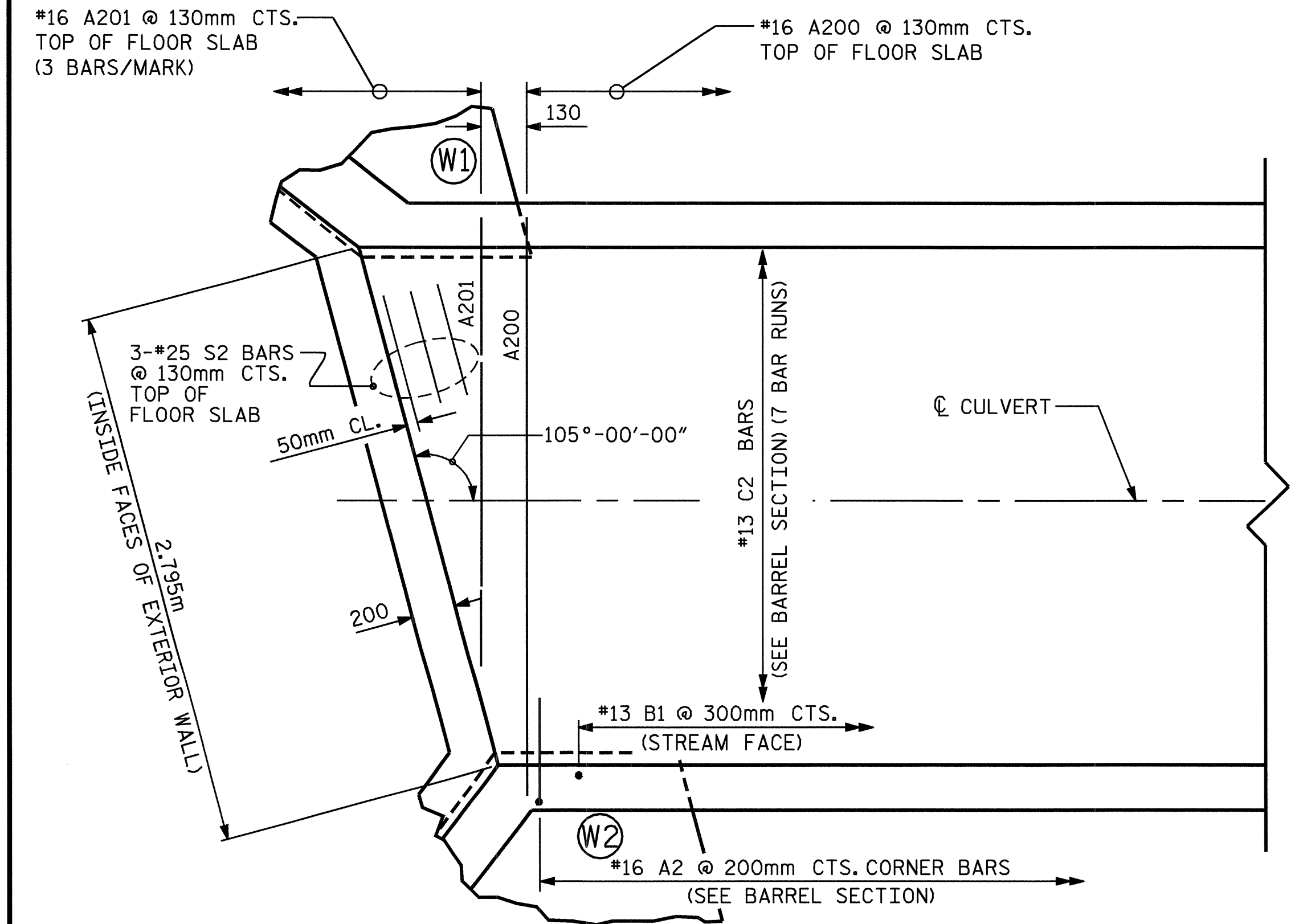


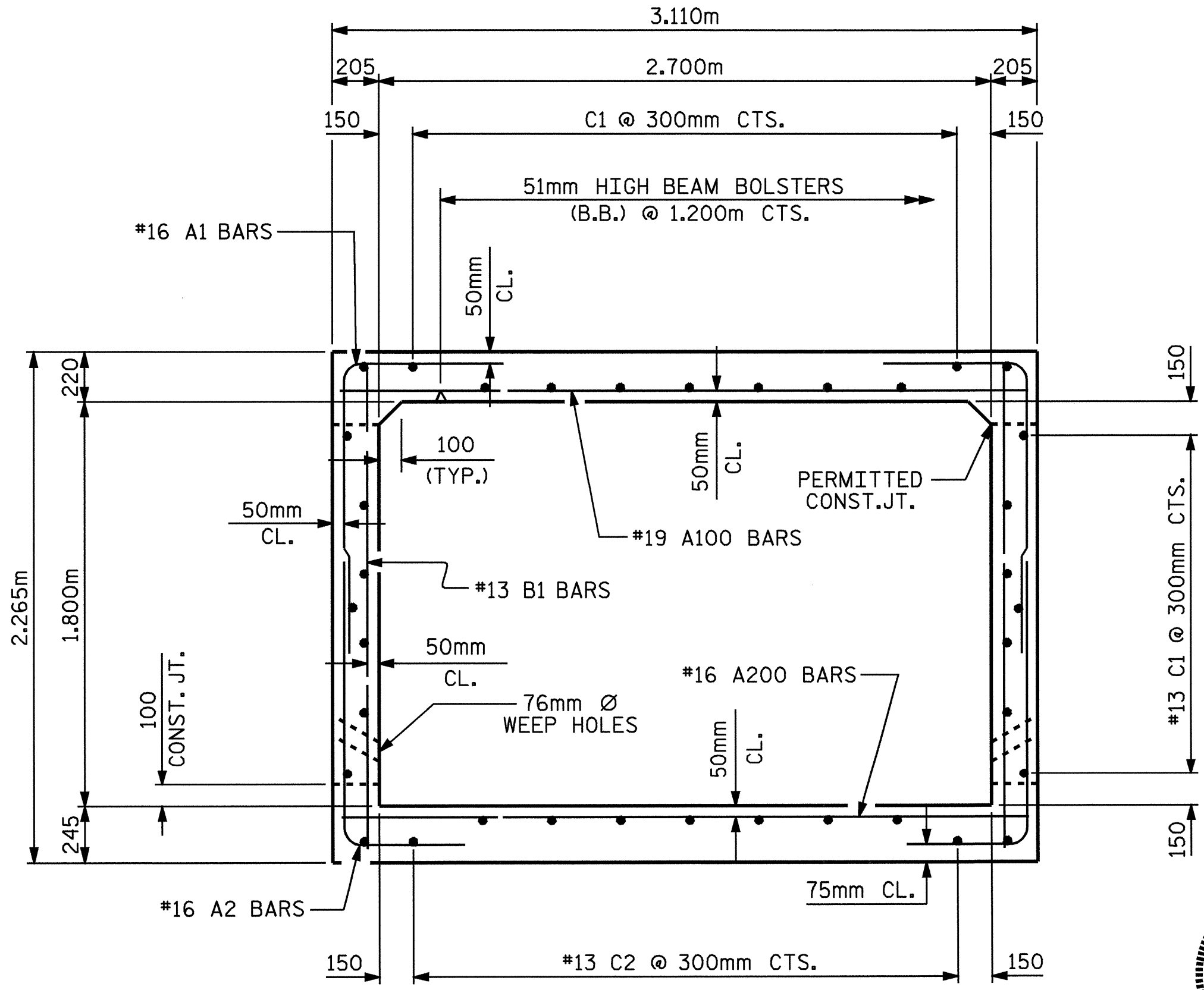
PART PLAN - FLOOR SLAB
(OUTLET END)



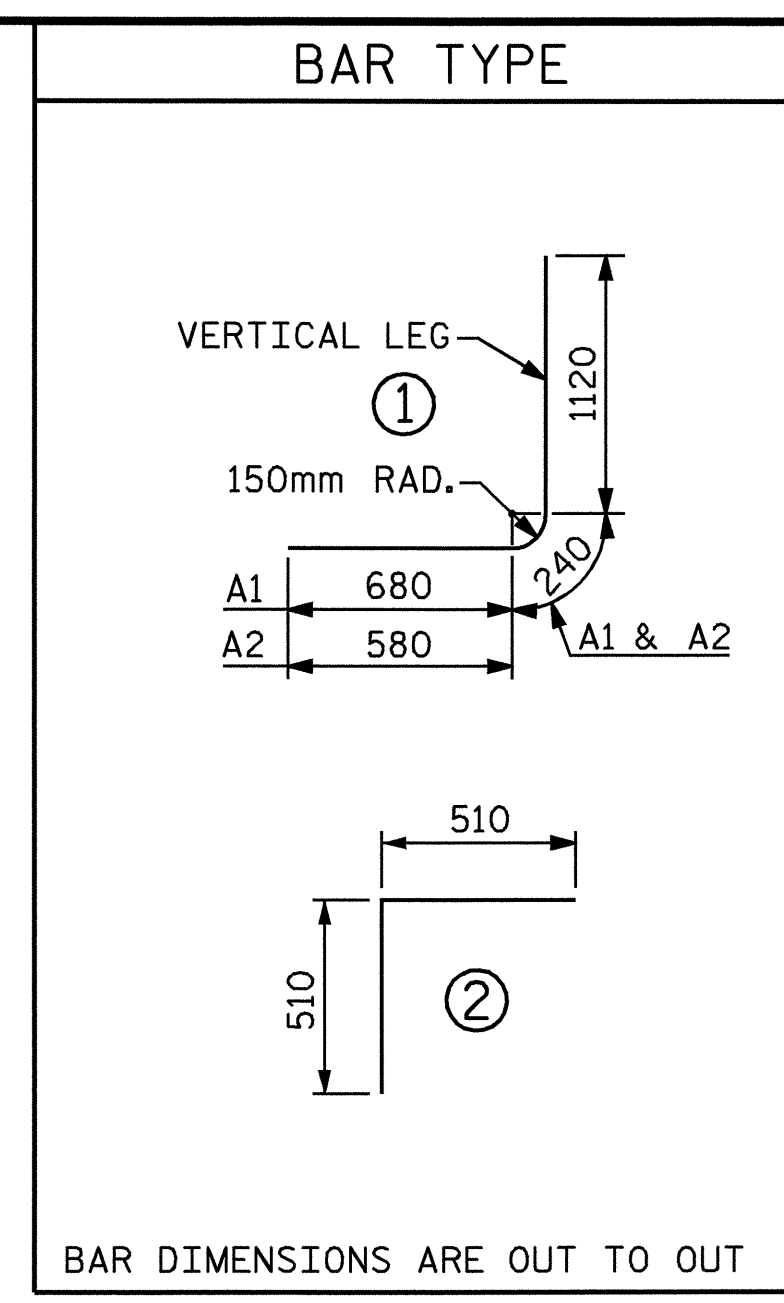
PART PLAN - ROOF SLAB
(INLET END)



PART PLAN - FLOOR SLAB
(INLET END)



RIGHT ANGLE SECTION OF BARREL
THERE ARE 36 "C" BARS IN SECTION OF BARREL



BAR DIMENSIONS ARE OUT TO OUT

REINFORCING STEEL BAR SCHEDULE					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
A1	446	16	1	2040	1412
A2	446	16	1	1940	1343
A3	98	16	1	1480	225
A4	14	16	1	1260	27
A100	337	19	STR	2980	2245
A101	6	19	STR	1380	19
A200	425	16	STR	2980	1966
A201	6	16	STR	1380	13
B1	298	13	STR	2080	616
C1	150	13	STR	7900	1178
C2	77	13	STR	8520	652
D1	14	19	STR	900	28
G1	4	13	STR	3100	12
K1	6	13	2	1020	6
S2	14	25	STR	3100	173

REINFORCING STEEL
BARREL AND WING FLOOR SLAB 9915 Kg.

CONCRETE QUANTITIES		
CLASS A CONCRETE		
BARREL @ 2.16 m ³ /m	96.3	m ³
WING FLOOR SLAB AND END CURTAIN WALL	9.6	m ³
TOTAL	105.9	m ³

SPLICE LENGTHS CHART		
BAR	SIZE	SPLICE LENGTH
B1	13	540
C1, C2	13	590

PROJECT NO. R-2552C
JOHNSTON COUNTY
STATION: 4+93.000 -LOOP C-
SHEET 3 OF 6

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SINGLE
2.700m X 1.800m
CONCRETE BOX CULVERT
106° SKEW



REVISIONS						TOTAL SHEETS
NO.	BY:	DATE:	NO.	BY:	DATE:	42
1			3			
2			4			

DRAWN BY: A. K. PATEL/TLC DATE: 01/13/04
CHECKED BY: T.A. HARRIS DATE: 11/09/04