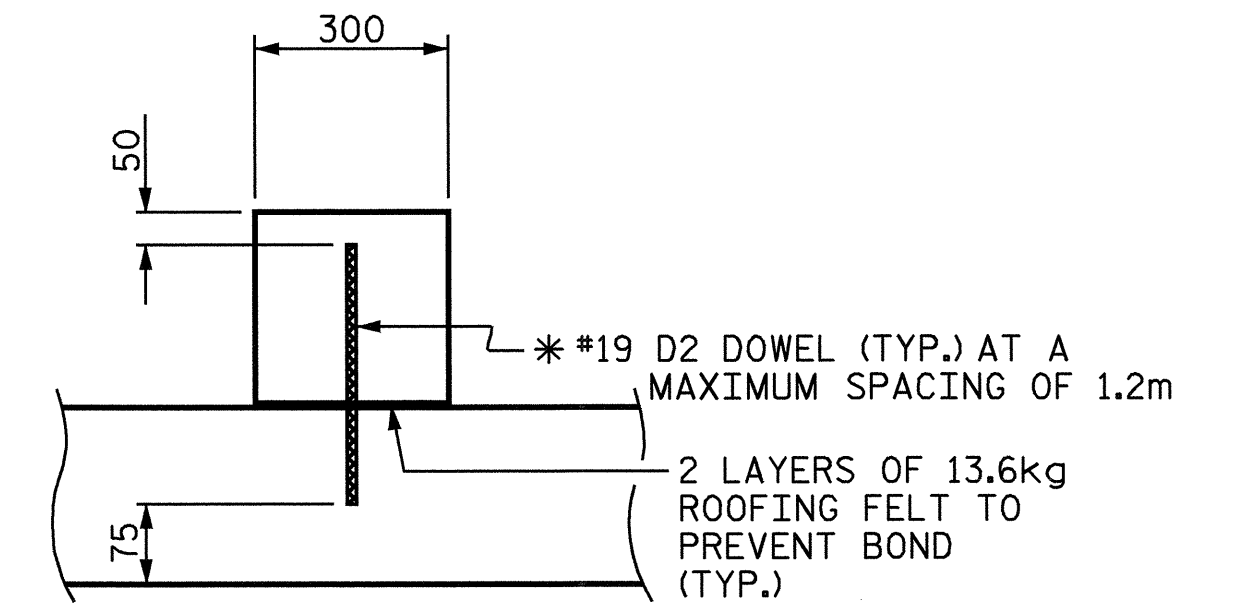
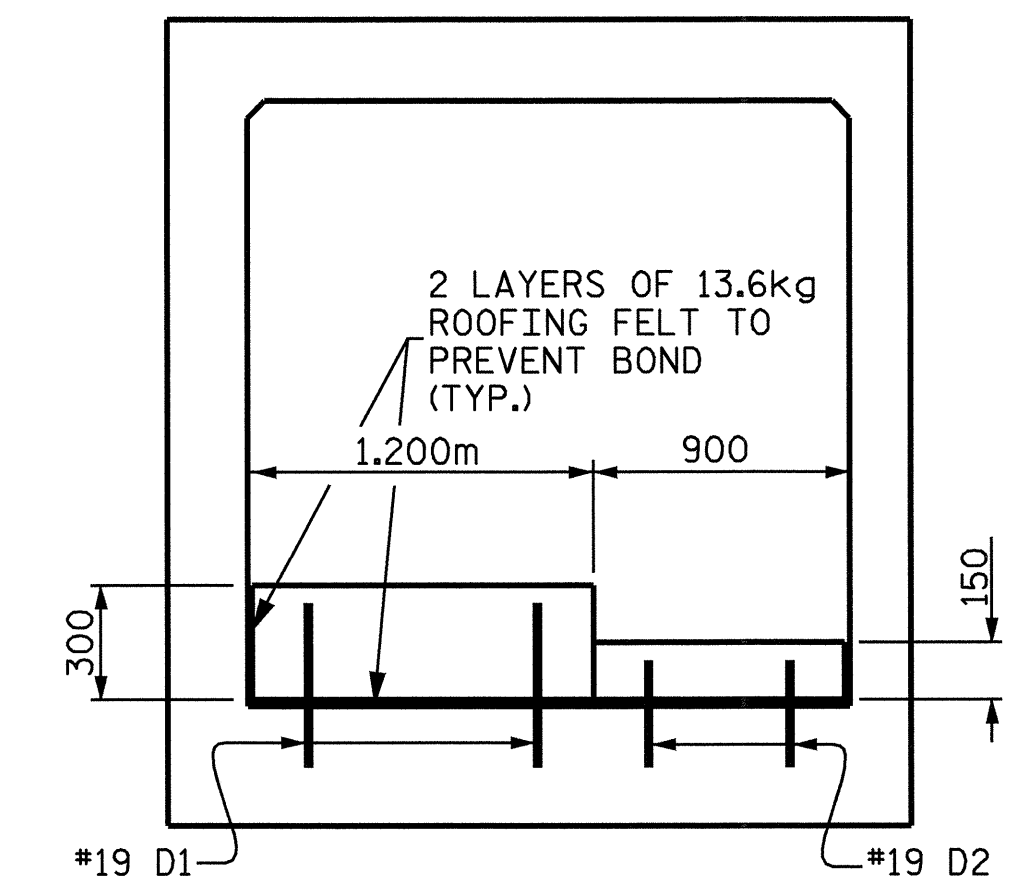


SILL LOCATION IN FLOOR SLAB



* DOWELS MAY BE PUSHED INTO GREEN CONCRETE AFTER SLAB HAS BEEN FLOAT FINISHED.

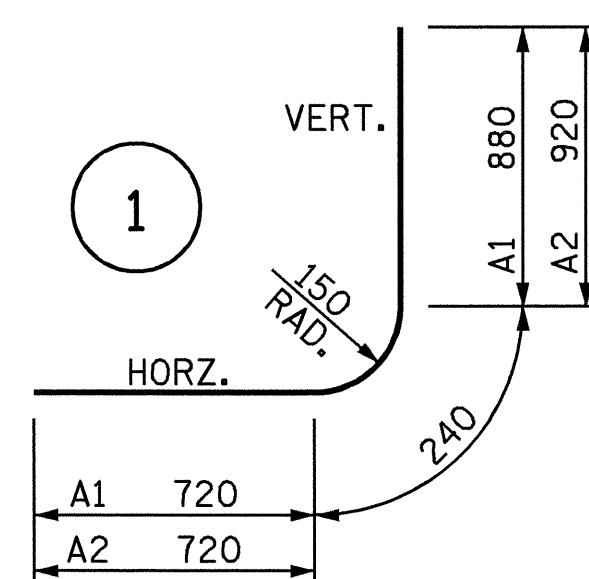
SECTION THROUGH SILL



ELEVATION

CULVERT SILL DETAILS

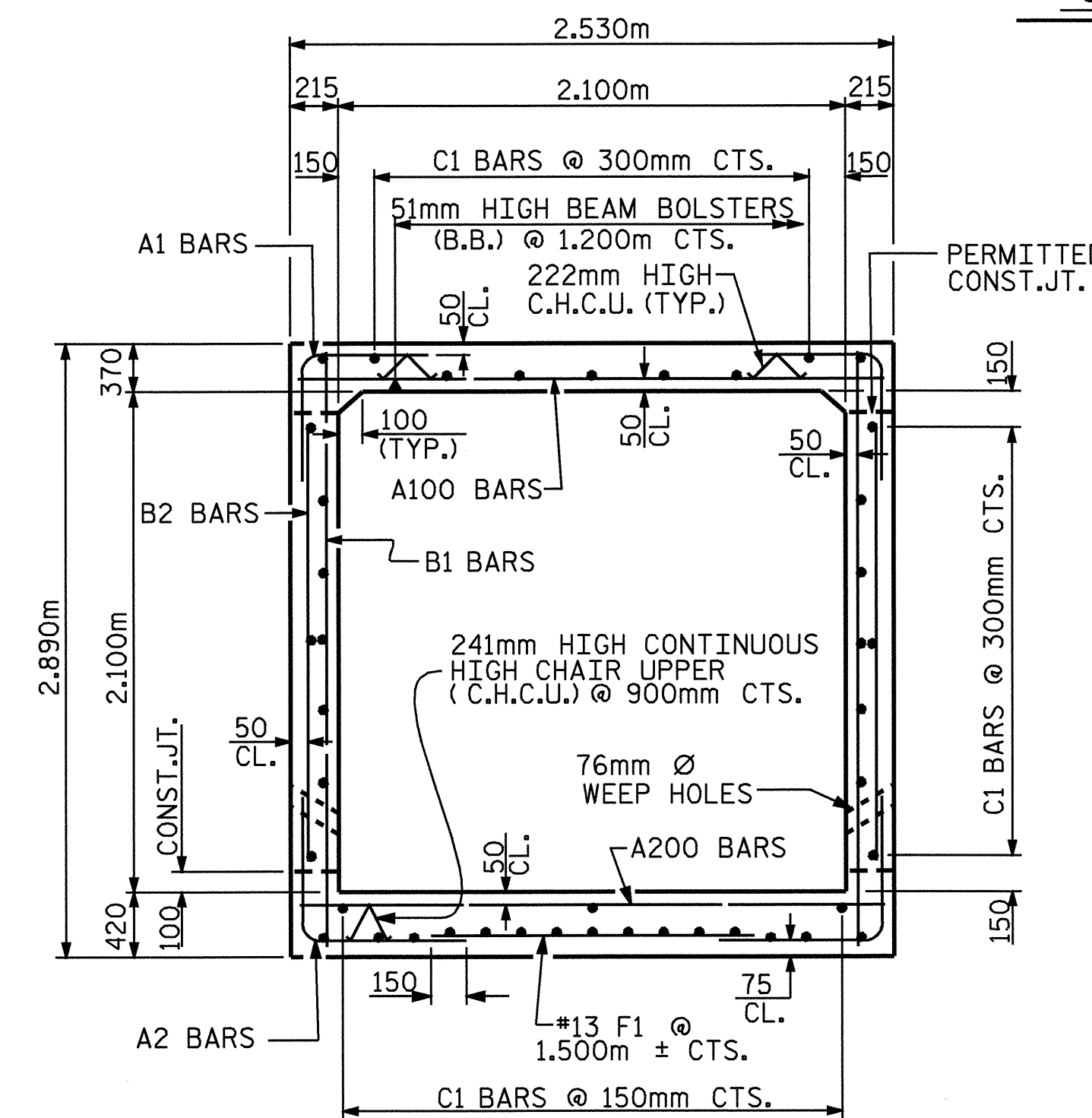
REINFORCING BAR SCHEDULE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	1830	19	6	1840	7526
A2	1830	19	6	1880	7689
A100	1007	22	STR.	2380	7291
A101	6	22	STR.	1880	34
A102	6	22	STR.	1380	25
A103	6	22	STR.	840	15
A200	1007	22	STR.	2380	7291
A201	6	22	STR.	1880	34
A202	6	22	STR.	1380	25
A203	6	22	STR.	840	15
B1	1390	13	STR.	2720	3758
B2	1830	13	STR.	1880	3420
C1	903	13	STR.	8820	7917
D1	58	19	STR.	560	73
D2	58	19	STR.	420	54
G1	4	13	STR.	3420	14
F1	113	13	STR.	1260	142
S2	12	25	STR.	3420	163
TOTAL					45,486 kg



BAR TYPE

ALL BAR DIMENSIONS ARE OUT TO OUT

SPLICE LENGTH CHART	
SIZE	LENGTH
*13 B1 BAR	540
*13 C1 BAR	590



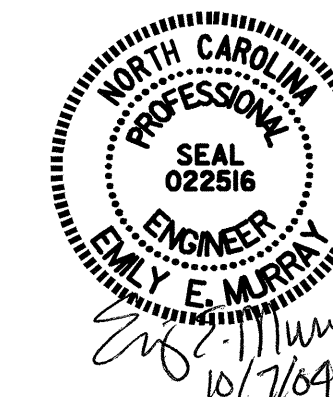
RIGHT ANGLE SECTION OF BARREL

THERE ARE 43 "C" BARS IN SECTION OF BARREL.

PROJECT NO. R-2206C
 LINCOLN-CATAWBA COUNTY
 STATION: 183+18.000 -L-

SHEET 3 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
BARREL STANDARD
SINGLE 2.100m X 2.100m
CONCRETE BOX CULVERT
35° SKEW



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