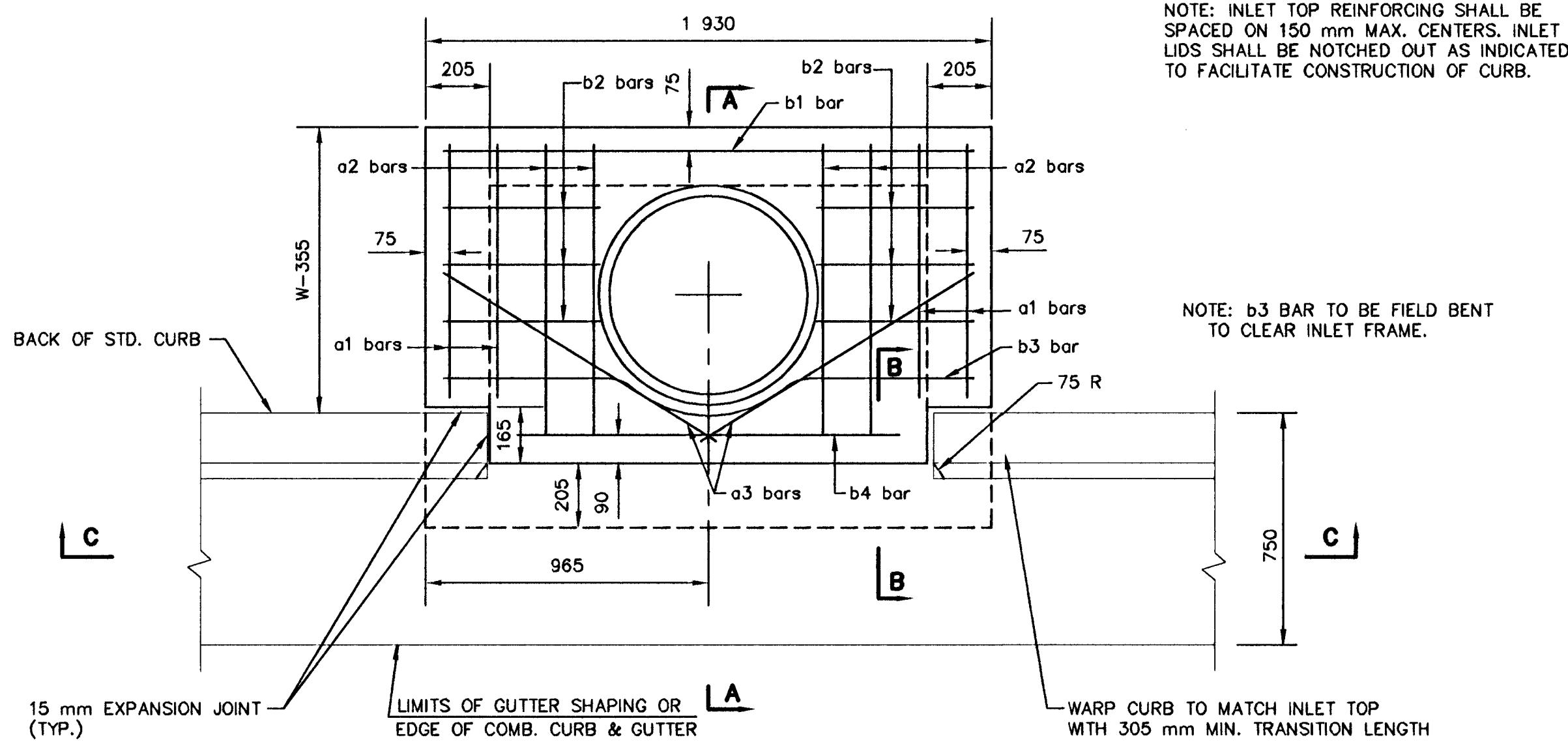
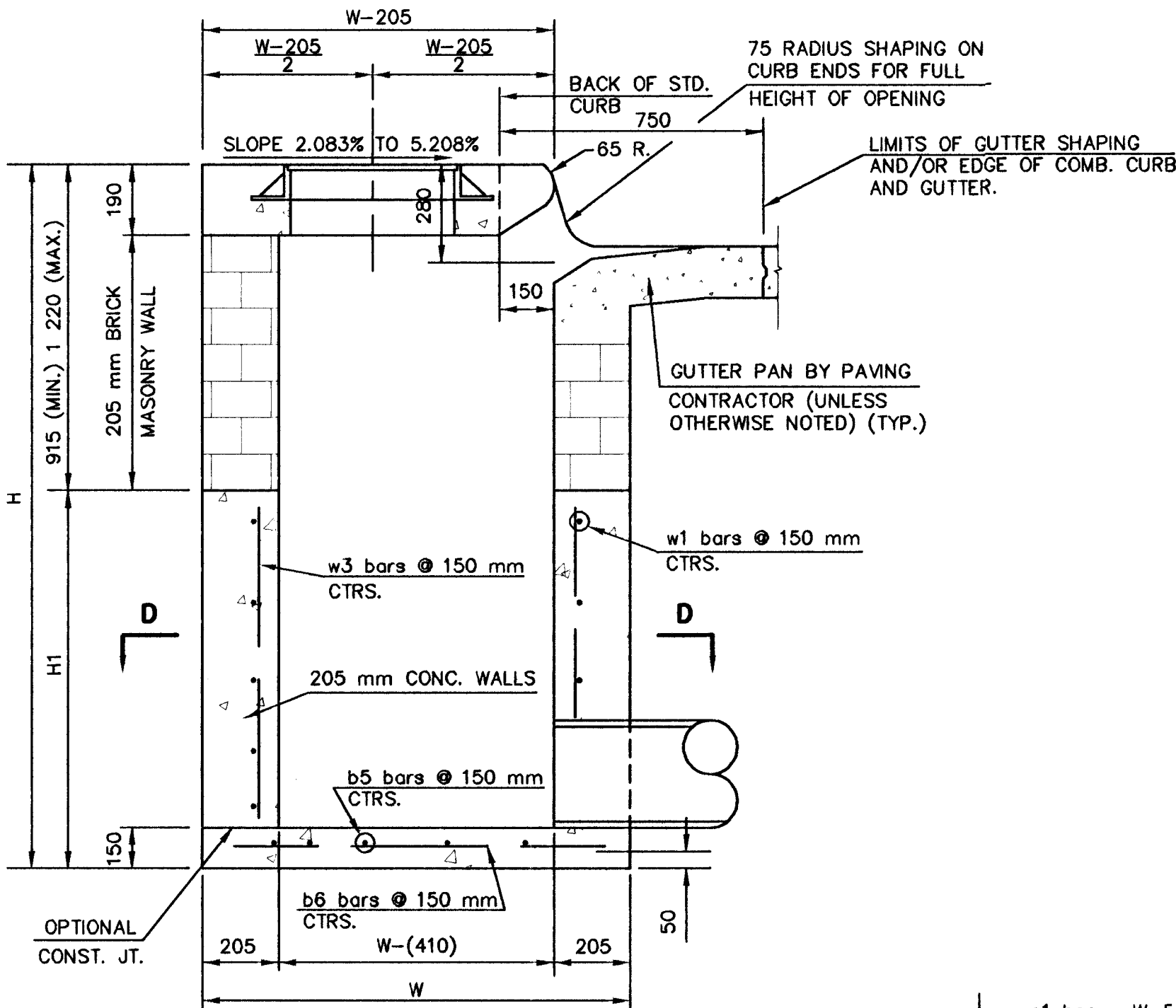


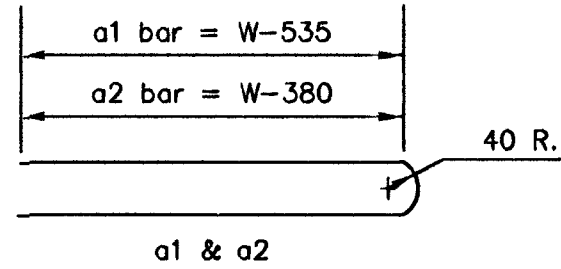
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-0116-01	1999	38	110



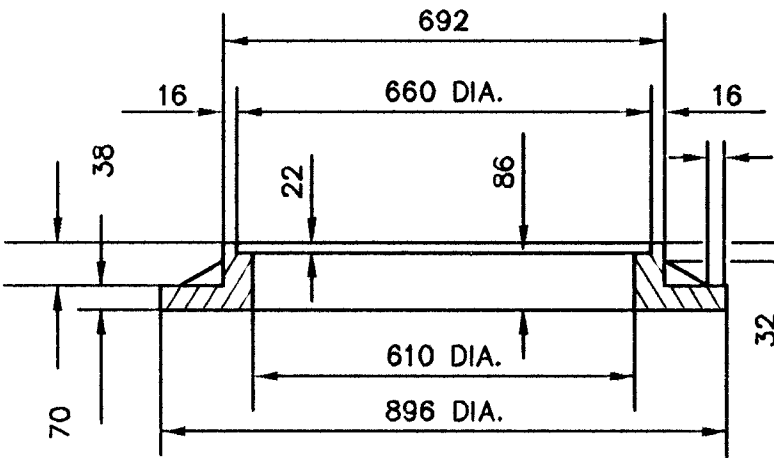
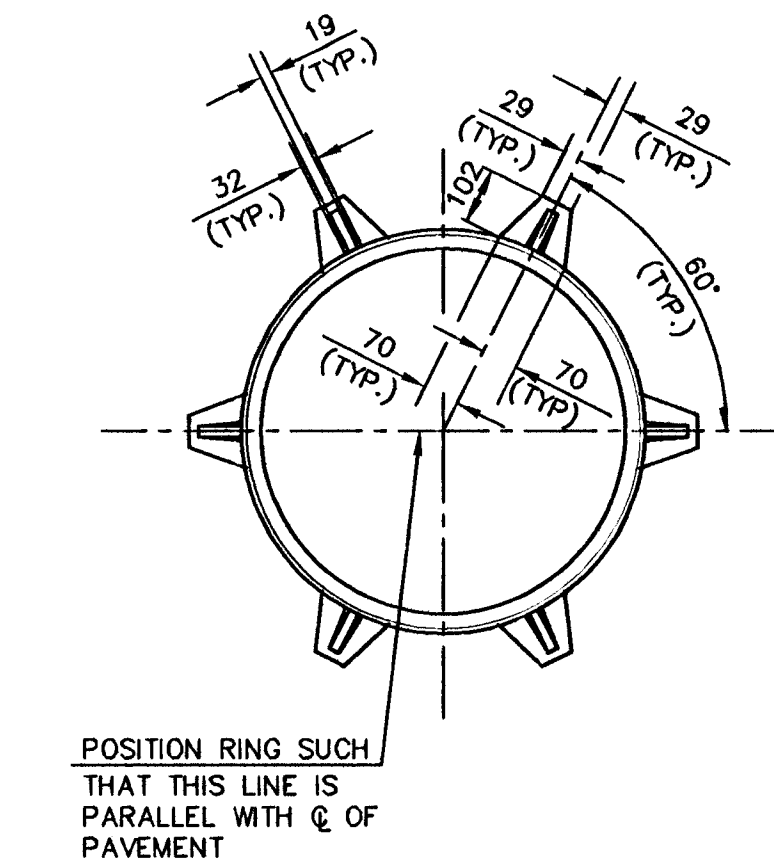
PLAN



SECTION A-A



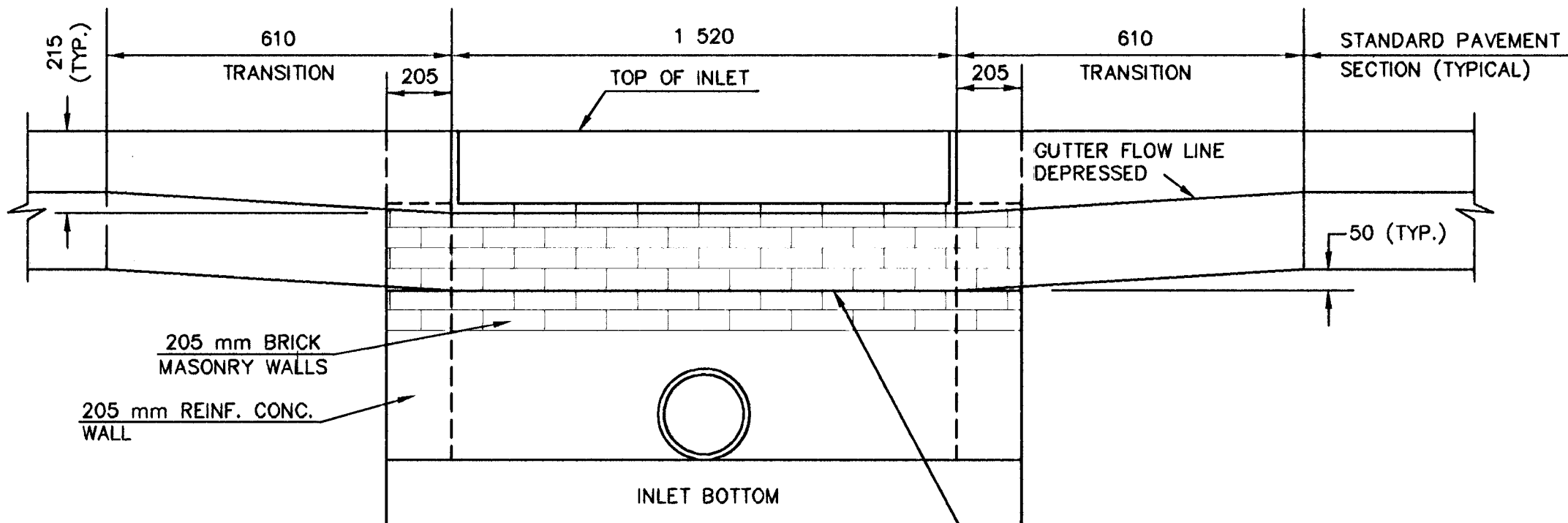
BENDING DIAGRAM



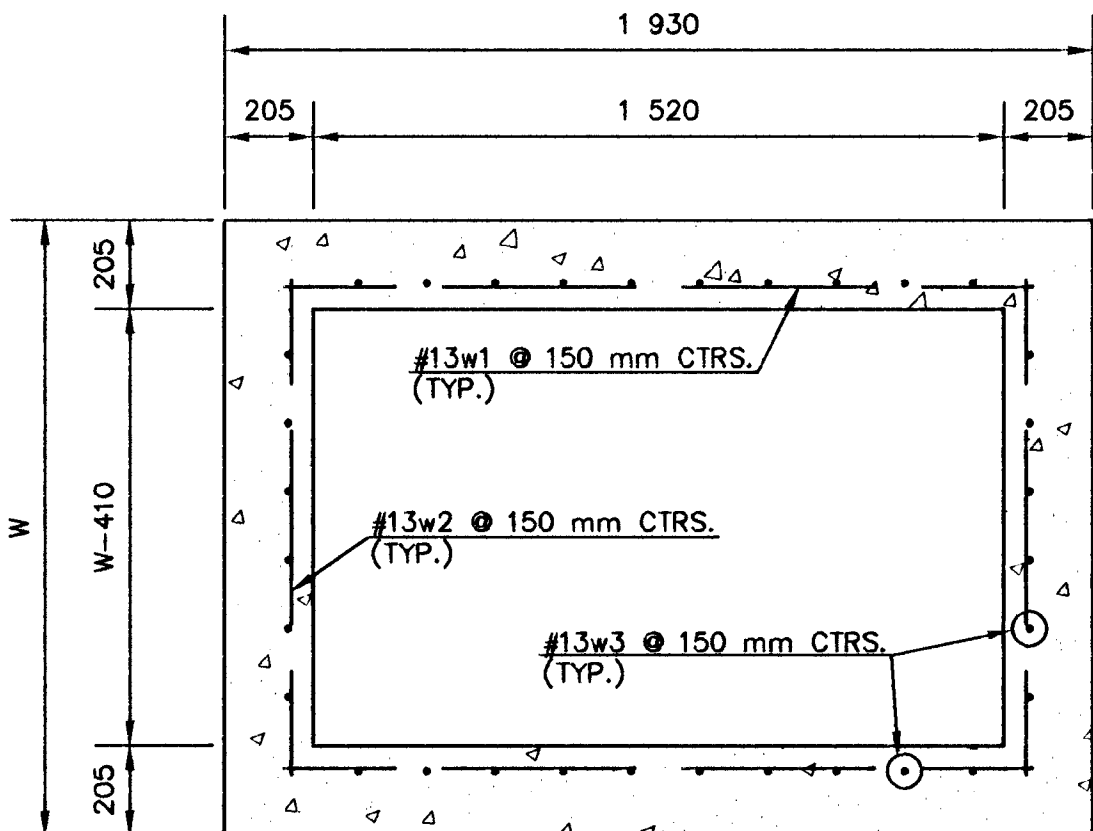
INLET FRAME

WT.=81.65 kg

SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.



SECTION C-C



SECTION D-D

STEEL SCHEDULE

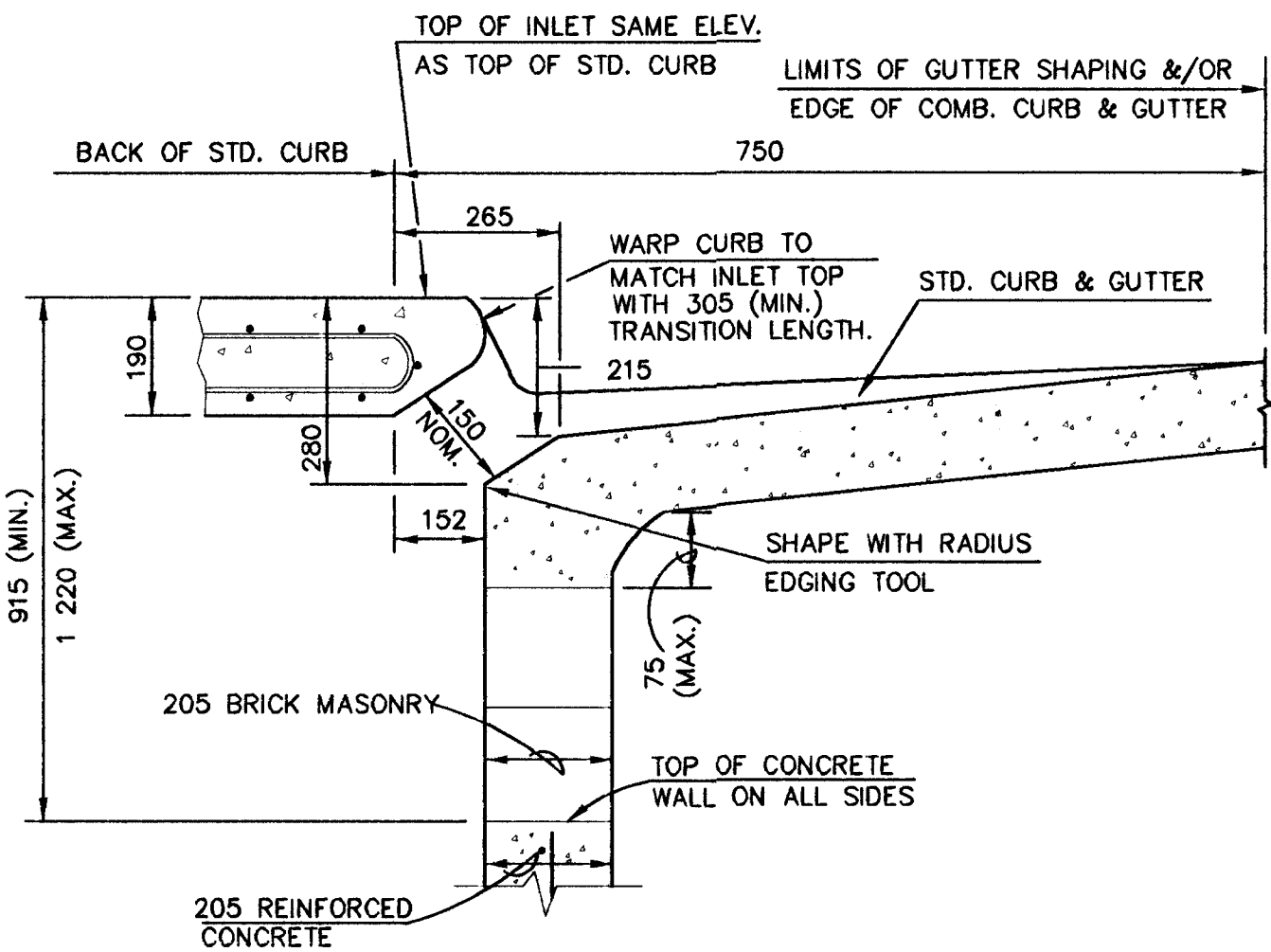
MARK	SIZE	W=1 321		W=1 626		W=1 930		W=2 235		W=2 540	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#13	4	1 700	4	2 310	4	2 920	4	3 530	4	4 140
a2	#13	4	2 005	4	2 615	4	3 225	4	3 835	4	4 445
a3	#13	2	1 220	2	1 525	2	1 830	2	2 135	2	2 440
b1	#13	1	1 855	3	1 855	5	1 855	7	1 855	9	1 855
b2	#13	6	535	6	535	6	535	6	535	6	535
b3	#13	1	1 880	1	1 880	1	1 880	1	1 880	1	1 880
b4	#19	1	1 420	1	1 420	1	1 420	1	1 420	1	1 420
b5	#13	7	1 625	9	1 625	11	1 625	13	1 625	15	1 625
b6	#13	11	1 015	11	1 320	11	1 625	11	1 930	11	2 235

STEEL SCHEDULE

MARK	SIZE	W=1 321		W=1 626		W=1 930		W=2 235		W=2 540	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#13	①	1 625	①	1 625	①	1 625	①	1 625	①	1 625
w2	#13	①	1 015	①	1 320	①	1 625	①	1 930	①	2 235
w3	#13	②	②	②	③	②	③	②	③	②	③

NOTE: a3 BARS TO BE PLACED APPROX. 50 mm BELOW TOP OF INLET COVER.

- ① $2 \left(\frac{H1-200}{150} + 1 \right)$
- ② $22 + 2 \left(\frac{W-410}{150} + 1 \right)$
- ③ $(H1-230)$



SECTION B-B

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	m ³ CONC.
1 321	1 118 x 1 930 x 190	530 & SMALLER	± 0.011
1 626	1 421 x 1 930 x 190	600 & 750	± 0.014
1 930	1 725 x 1 930 x 190	900 & 1 050	± 0.018
2 235	2 030 x 1 930 x 190	1 200 & 1 350	± 0.022
2 540	2 335 x 1 930 x 190	1 500 & 1 675	± 0.025

GENERAL NOTES

- CONCRETE SHALL BE C.O.W. STANDARD PAVING MIX. ALL EXPOSED EDGES SHALL BE FINISHED WITH AN EDGING TOOL. REINFORCING BARS SHALL BE FIELD BENT OR CUT TO CLEAR PIPES. ALL BARS ARE #13 BARS AT 150 mm SPACING AND SHALL HAVE A MINIMUM CLEARANCE OF 40 mm UNLESS OTHERWISE NOTED. FLOORS OF INLET SHALL BE SHAPED WITH 10.5 SACKS PER m³ SAND MIX CONCRETE TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF-CLEANING BETWEEN ALL INLET AND/OR OUTFALL PIPE(S). THE CONTRACTOR WILL BE REQUIRED TO CONSTRUCT 205 mm BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN H= 2 135 mm OR LESS AND W= 1 930 mm OR LESS.
- THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

REVISED: 12-21-1984

STANDARD TYPE 1 CURB INLET

INLET OPENING=150 x 1 520

OCTOBER, 1984

CITY OF WICHITA, KANSAS

Design BER KJS	Checked by MWB	Checked by	Checked by
Drawn by	Date	Date	Job No.