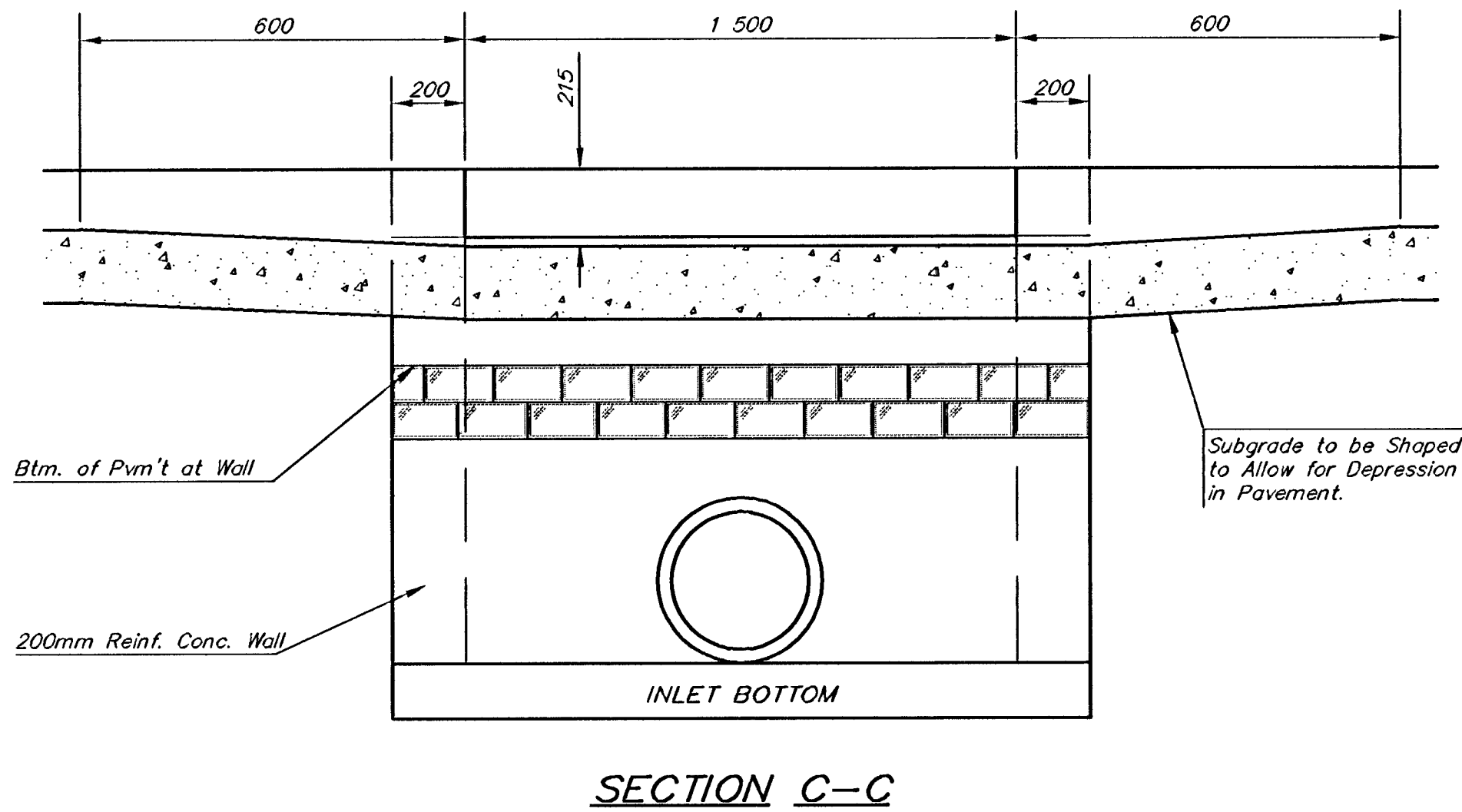
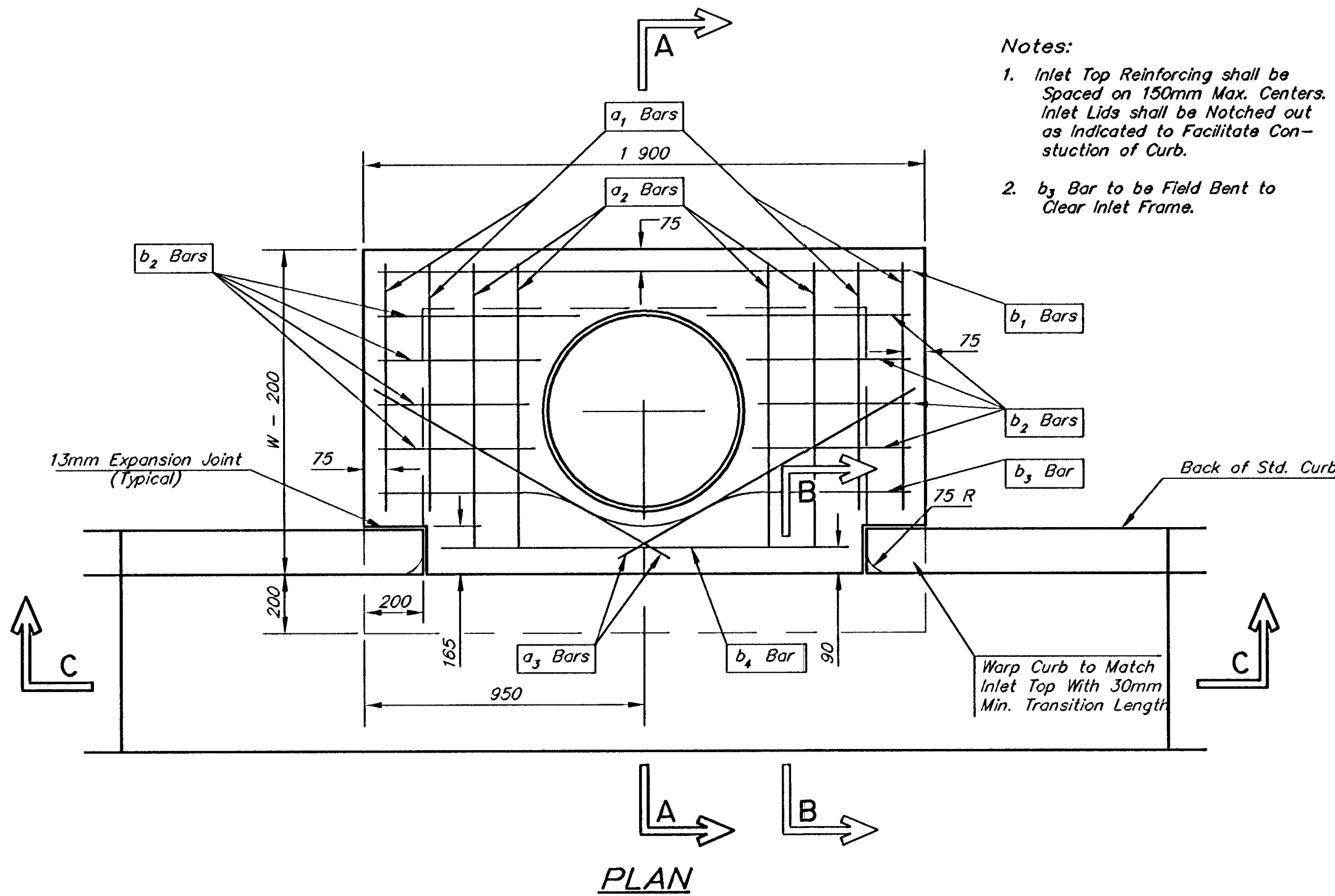


DATE					
BY					
REFERENCES NOTED					
REFERENCES CHECKED					

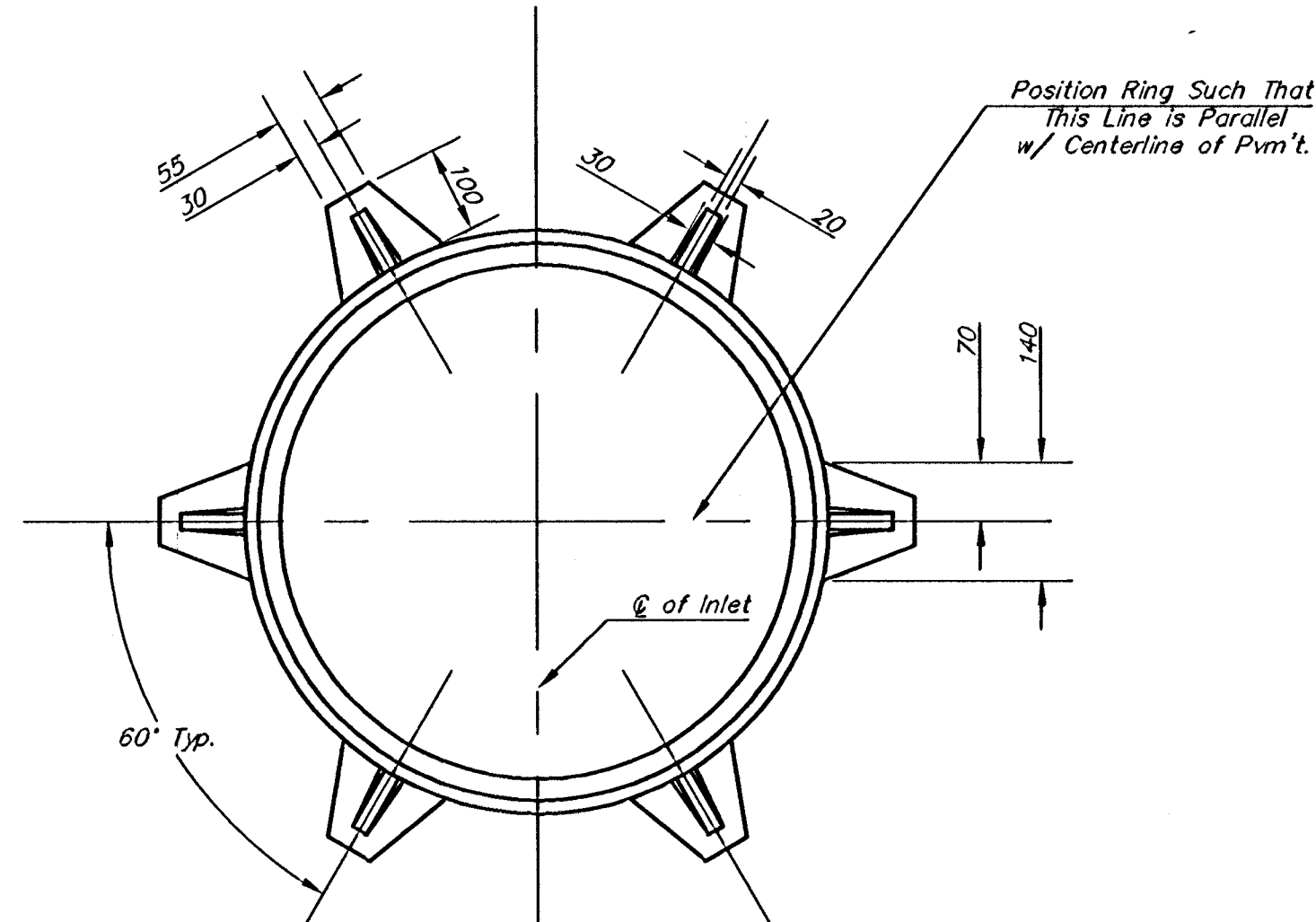
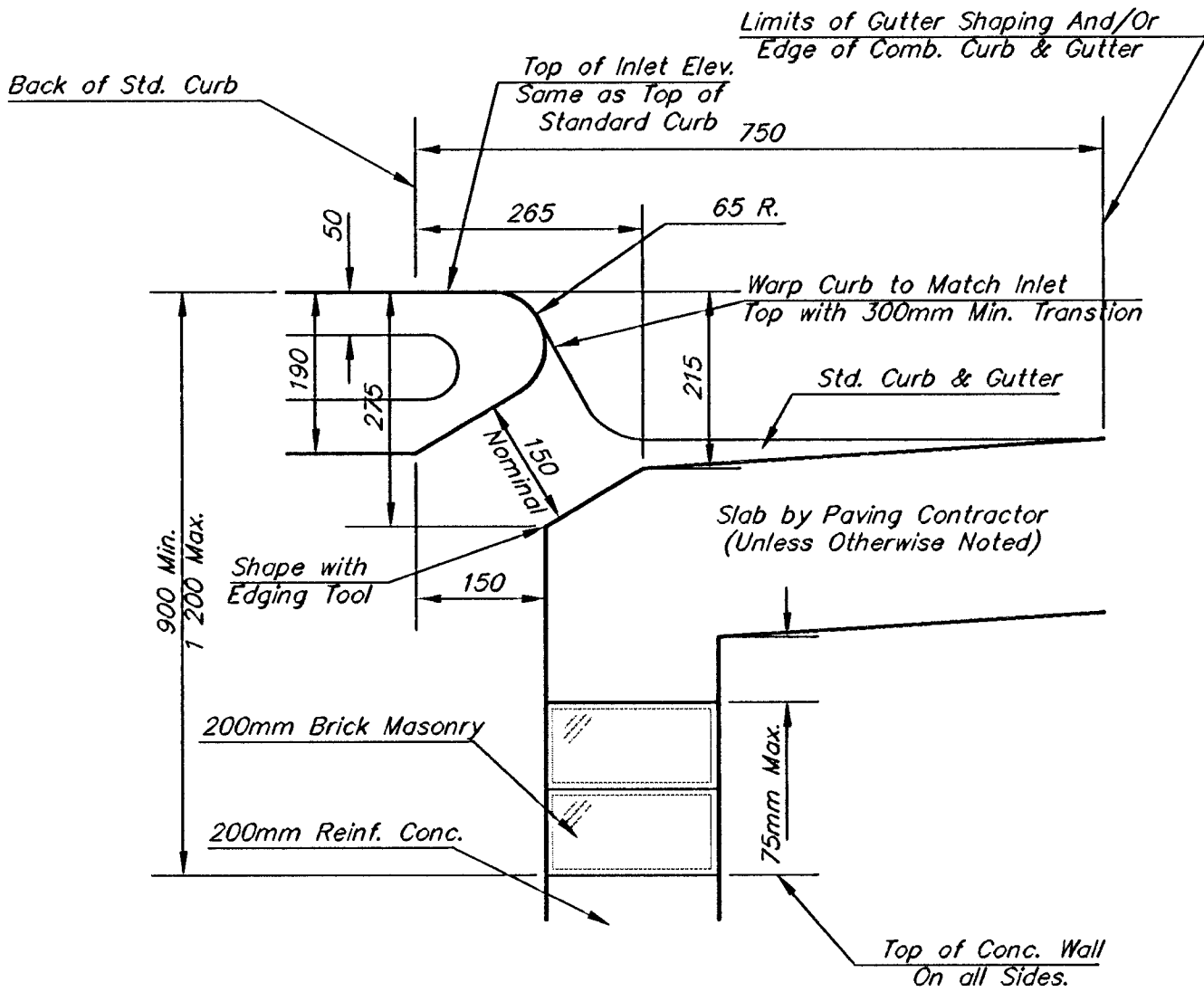
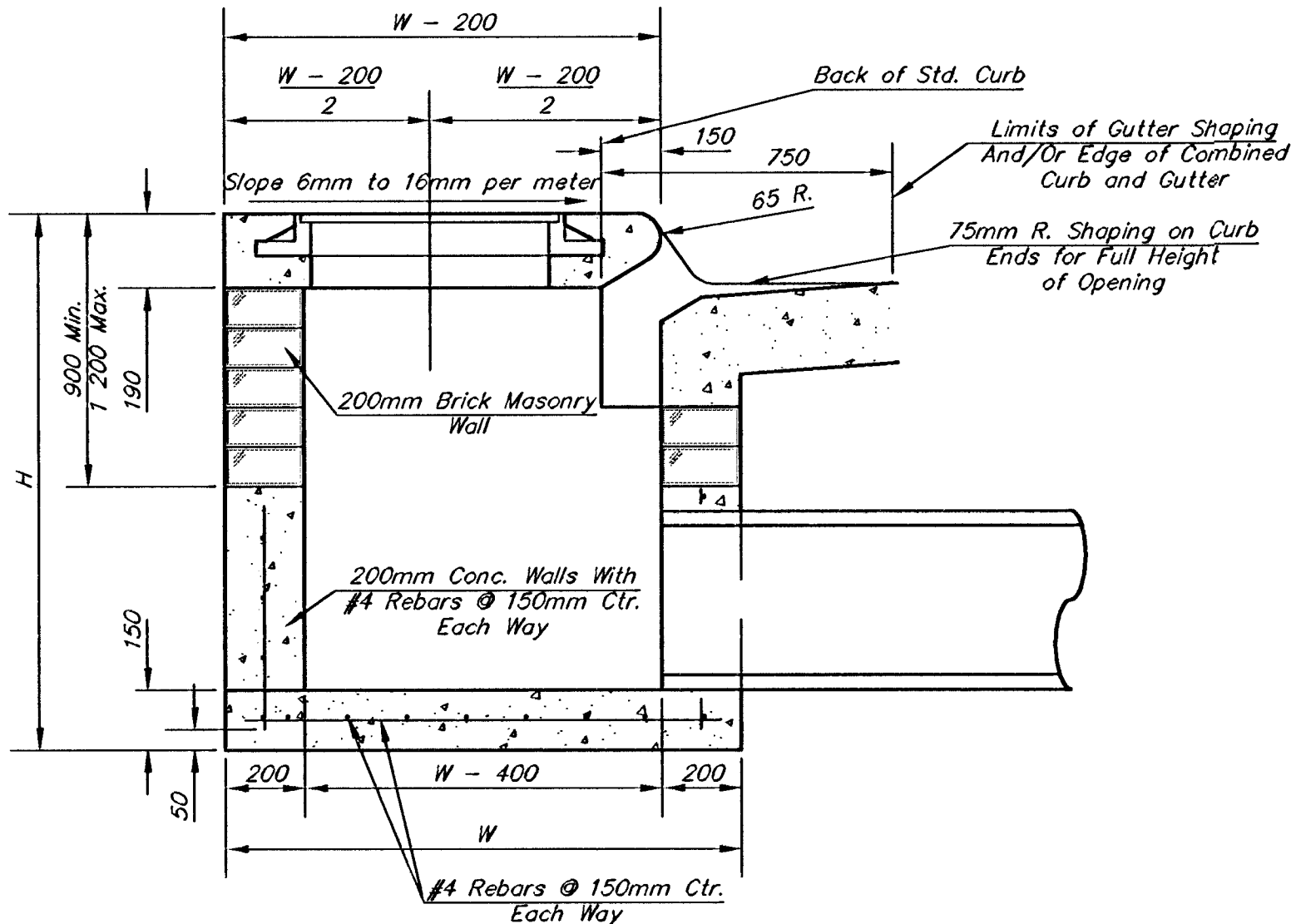
FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0127-01	1999	36	90



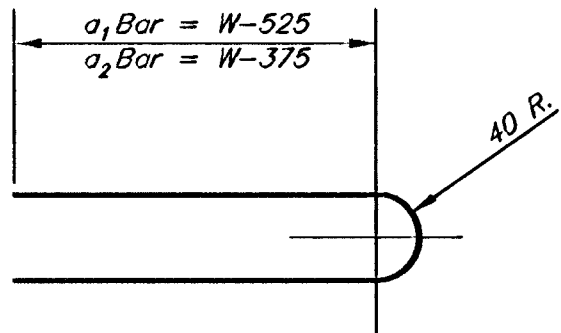
STEEL SCHEDULE												
BAR	a ₁	a ₂	a ₃	b ₁					b ₂	b ₃	b ₄	Wt. Kgs.
NUMBER	4	4	2	1	3	5	7	9	6	1	1	
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6	
LENGTH	W=1 300	1 675	1 975	1 200	1 825	-	-	-	525	1 850	1 400	27±
	W=1 600	2 275	2 575	1 500	-	1 825	-	-	525	1 850	1 400	37±
	W=1 900	2 875	3 175	1 800	-	-	1 825	-	525	1 850	1 400	46±
	W=2 200	3 475	3 775	2 100	-	-	-	1 825	-	525	1 850	55±
	W=2 500	4 075	4 375	2 400	-	-	-	-	1 825	525	1 850	64±

Note: a₃ Bars to be Placed Approx. 50mm Below Top of Inlet Cover.

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
1 300	1 100 x 1 900 x 190	525mm & SMALLER	0.29±
1 600	1 400 x 1 900 x 190	600mm & 750mm	0.39±
1 900	1 700 x 1 900 x 190	900mm & 1050mm	0.49±
2 200	2 000 x 1 900 x 190	1200mm & 1350mm	0.59±
2 500	2 300 x 1 900 x 190	1500mm & 1650mm	0.69±



*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.



GENERAL NOTES

- Concrete tops to be installed on thin mortar cushion to insure full support along brick walls. Concrete tops may be cast in place or precast. Concrete used for inlet construction shall be concrete pavement mix.
- Contractor shall have the option of constructing 200mm brick masonry walls between the concrete inlet base and top on this inlet when W=1900mm and H=2100mm or less.
- Inlet invert shall be shaped with 8 sack sand mix concrete to create flow channels and to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipes.
- The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.

STANDARD TYPE 1 CURB INLET OPENING = 150mmX1500mm					
SRB 924 NORTH MAIN WICHITA, KANSAS 67203 http://www.srb.com/~srb 316-284-8008 FAX 316-284-4821 E-Mail: srb@srb.com	SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING PROJECT NUMBER 472-76-245-83053-000-000-001	DATE 5-25-99	UTILITY SRB JOB 1218T	REVISION 36	
				90	
				36	
				90	