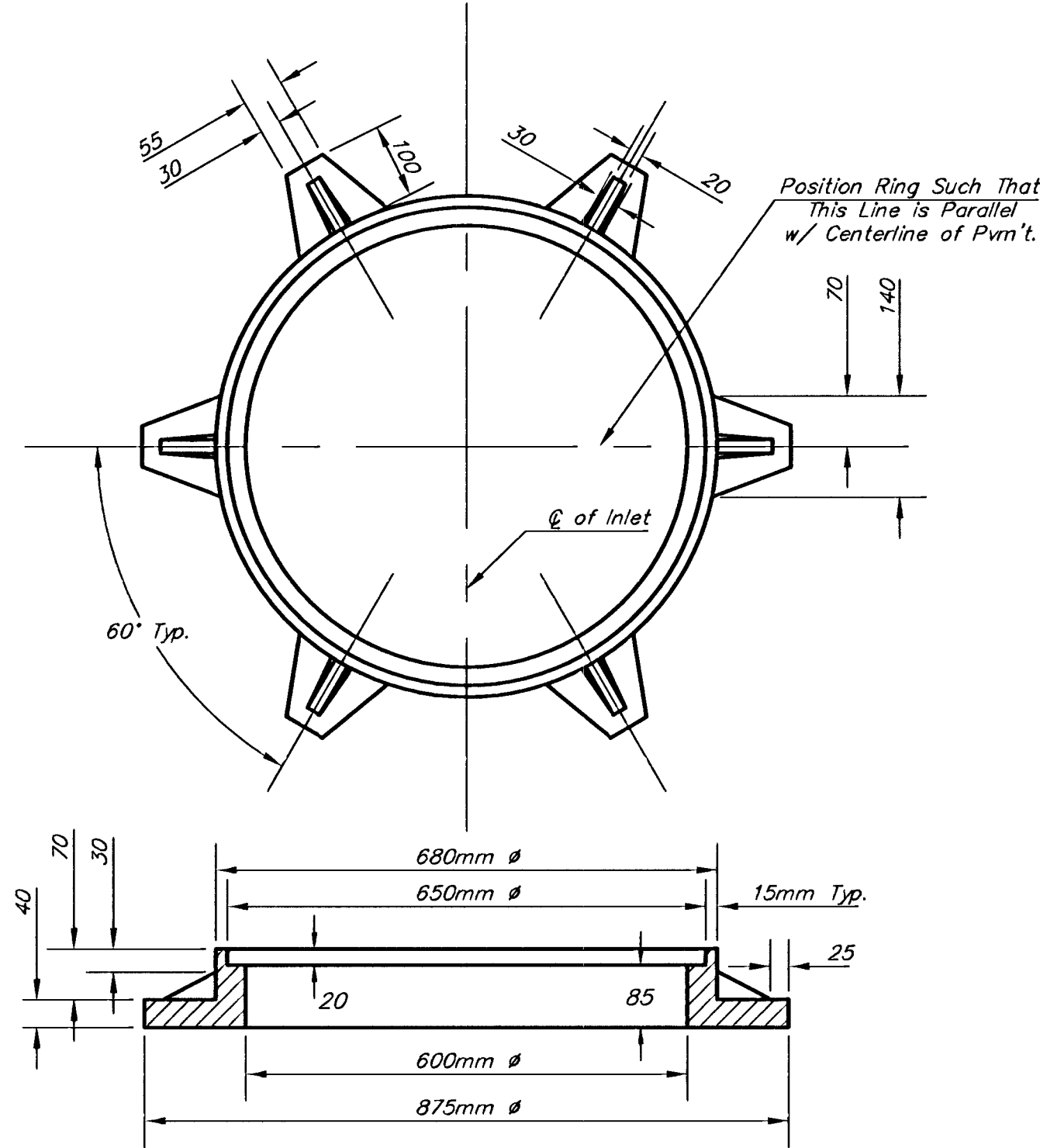


	BY	DATE
REFERENCES NOTED		
REFERENCES CHECKED		



WALL REINFORCING											
		W = 1 300		W = 1 600		W = 1 900		W = 2 200		W = 2 500	
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	①	3 325	①	3 325	①	3 325	①	3 325	①	3 325
w2	#4	①	1 225	①	1 525	①	1 825	①	2 125	①	2 425
w3	#4	52	②	56	②	60	②	64	②	68	②

Diagram illustrating the geometry of a semi-circular fillet weld joint. The top plate width is $W = 475$ and the bottom plate width is $w = 390$. The weld has a radius of 50 O.R. . The fillet weld is labeled with a_1 and a_2 .

BENDING DIAGRAM

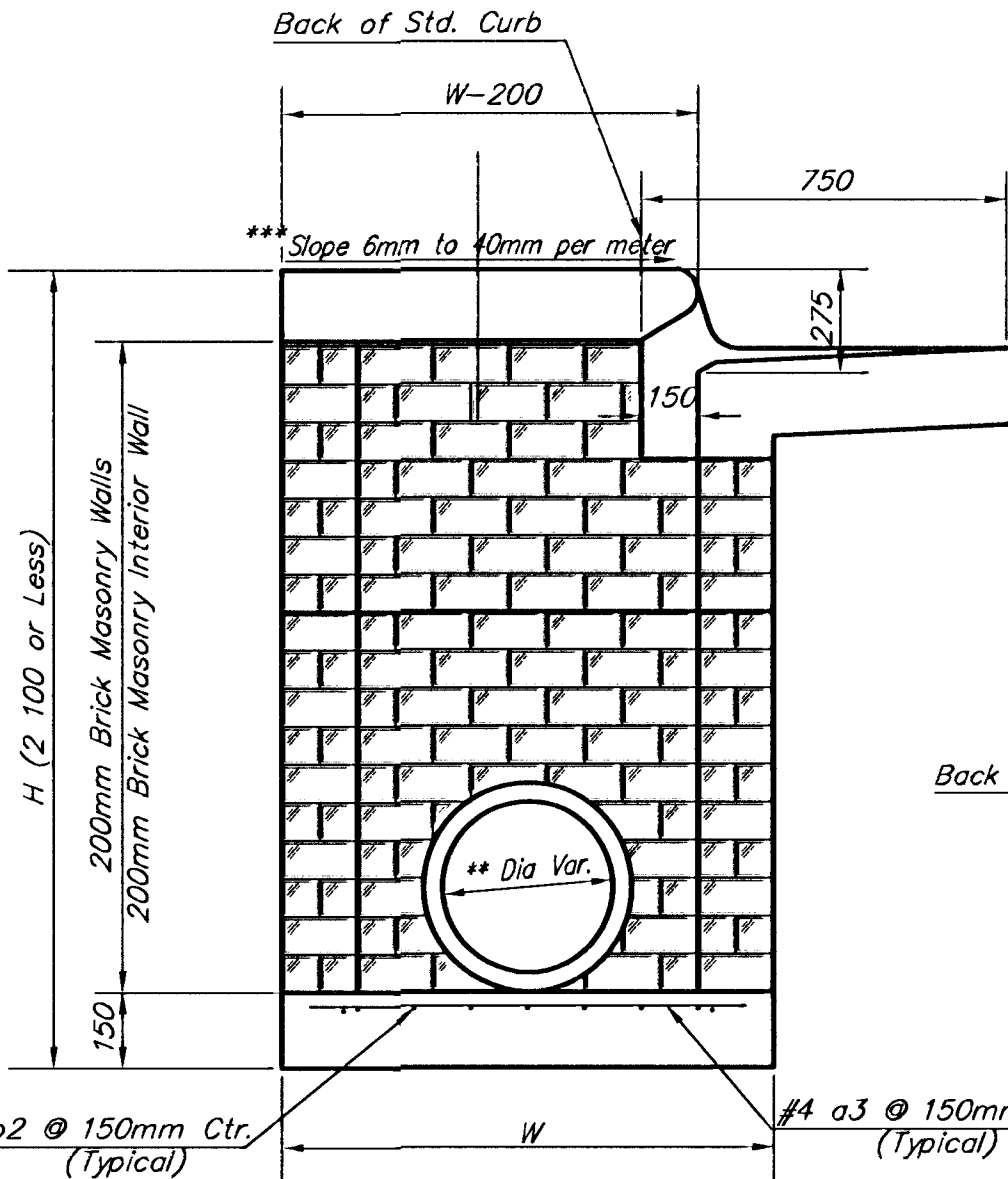
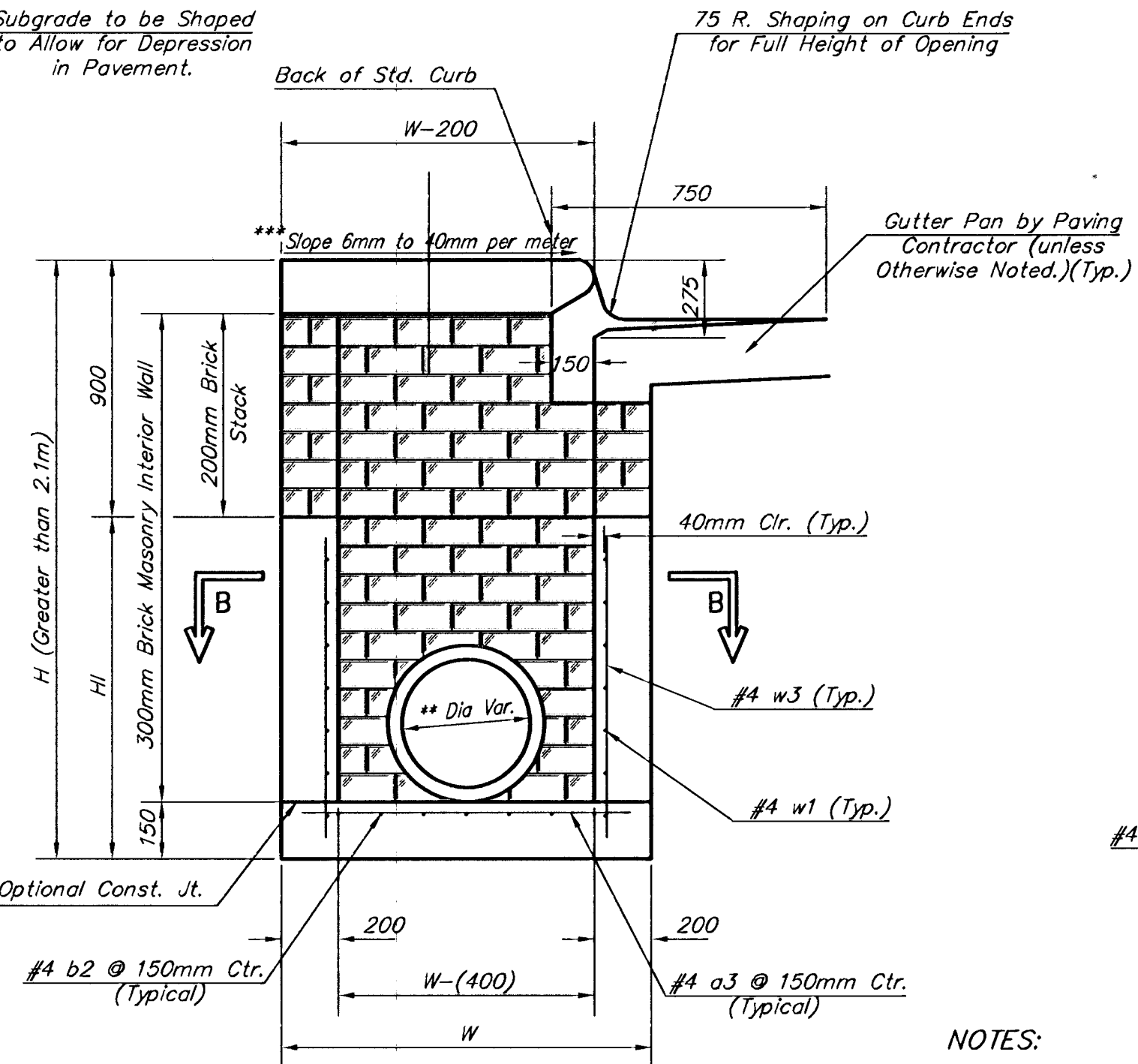
Concrete shall be C.O.W. standard paving mix. All exposed edges shall be finished with an edging tool. Reinforcing bars shall be field bent or cut to clear pipes and inlet rings. All bars are #4 bars @ 150mm spacing and shall have a minimum clearance of 40mm unless otherwise noted. Floors of inlet shall be shaped with 8 sack sand mix concrete to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipe(s). The contractor will be required to construct 200mm brick masonry walls between the inlet base and top on this inlet when $H=2.1m$ or less and $W=1.9m$ or less. When W is greater than $1.9m$ and H is less than $2.1m$, the outside inlet walls below the brick stack shall be reinforced concrete construction.

The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.

This detail is identical to the standard detail drawing except that the gutter transition length is increased from 600mm to 1050mm.



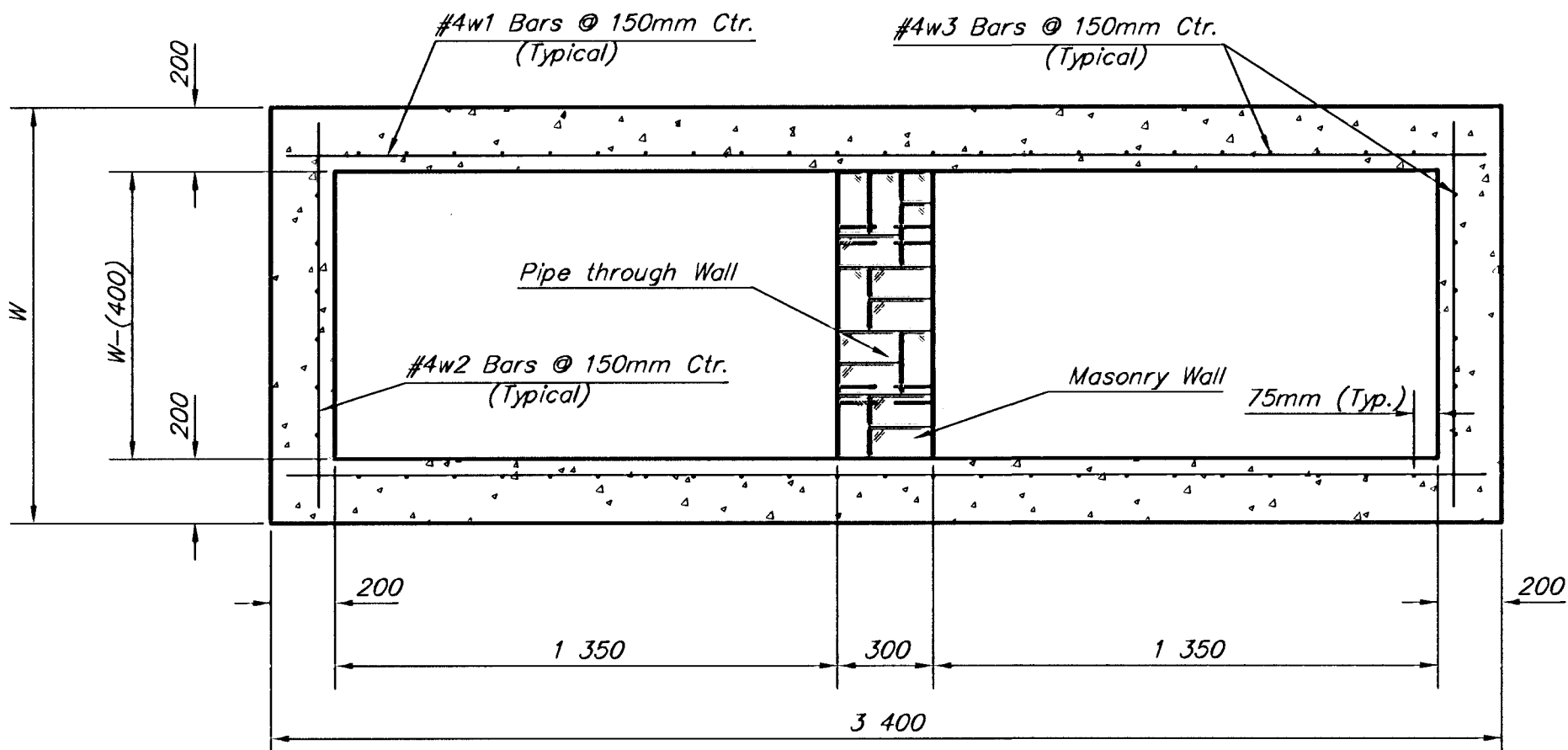
**See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.*



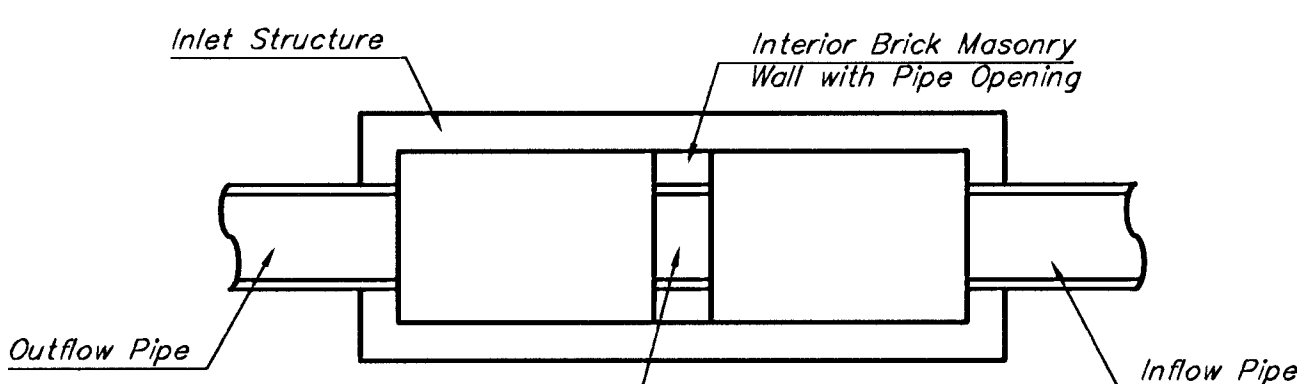
TYPICAL INLET
SECTION AT CENTER WALL
(MASONRY WALLS)

NOTES:

- **** A center wall opening shall be provided by means of a section of reinforced concrete pipe. See Case I and Case II below.
- ***** Slope of inlet tops to match sidewalk of parking slopes within limits indicated

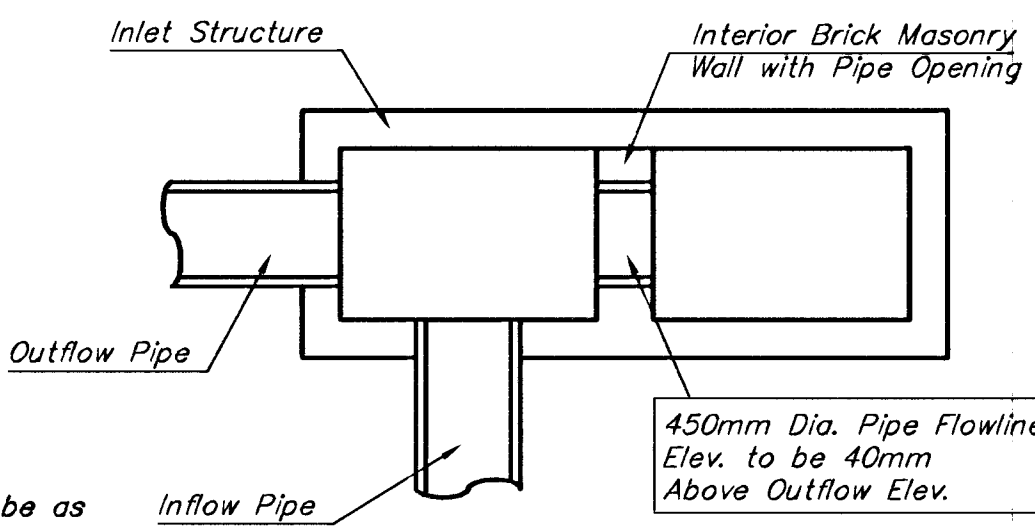


SECTION B-B



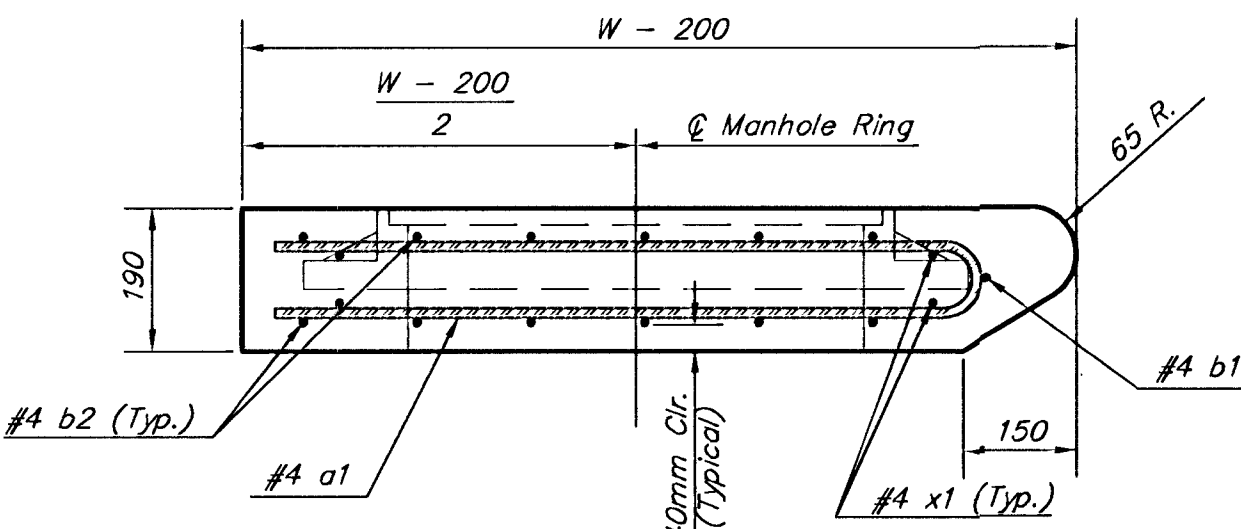
*Pipe Size to be the Same as
Outlet Pipe Size. Flowline Elev.
to be Average of Lowest Inflow
Pipe Elev. and Outflow Pipe Elev.*

CASE 1

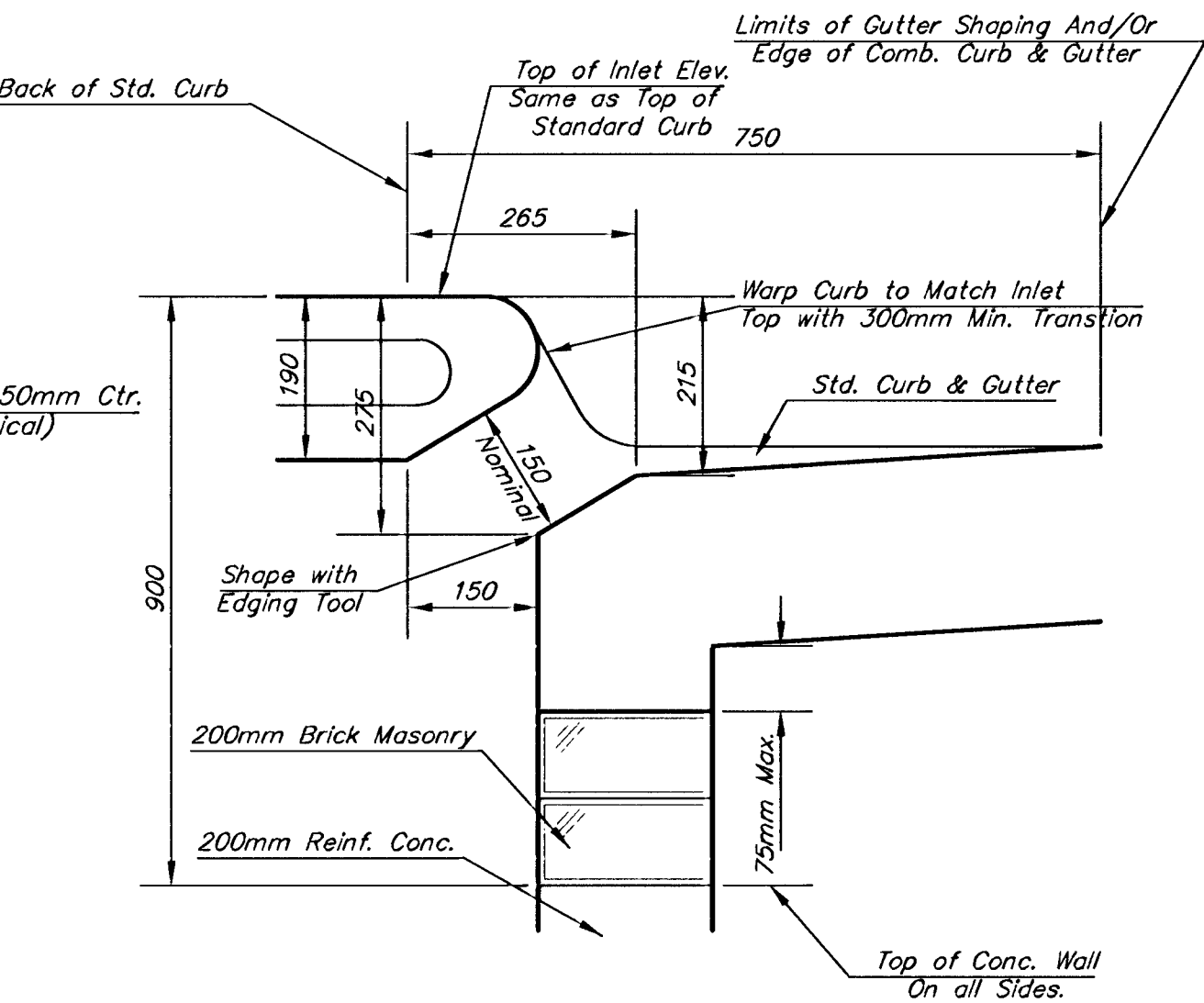


NOTE:
Center Wall Pipe Size shall be as Specified in Inlet Construction Notes on the Plan/Profile Sheets for those Cases not Shown Here.

CASE II



SECTION A-A



SECTION C-C

STANDARD TYPE 1 CURB INLET OPENING = 150mm X 3000mm						
	924 KANSAS MAIN WICHITA, KANSAS 67203 http://www.srb.com/srb		315-264-8008 FAX 264-4621 E-MAIL: info@srb.com		REVISED 11/01/01	
	SAVOY, RUGGES & BOHM, P. A. ENGINEERING & SURVEYING					
PROJECT NUMBER 472-76-245-83057-000-000-001						
DRAWN S.R.B.	DESIGN C.O.W.	REVIEW 	DATE Dec. 13, 2000	TITLE 	SRB JOB 	47 118