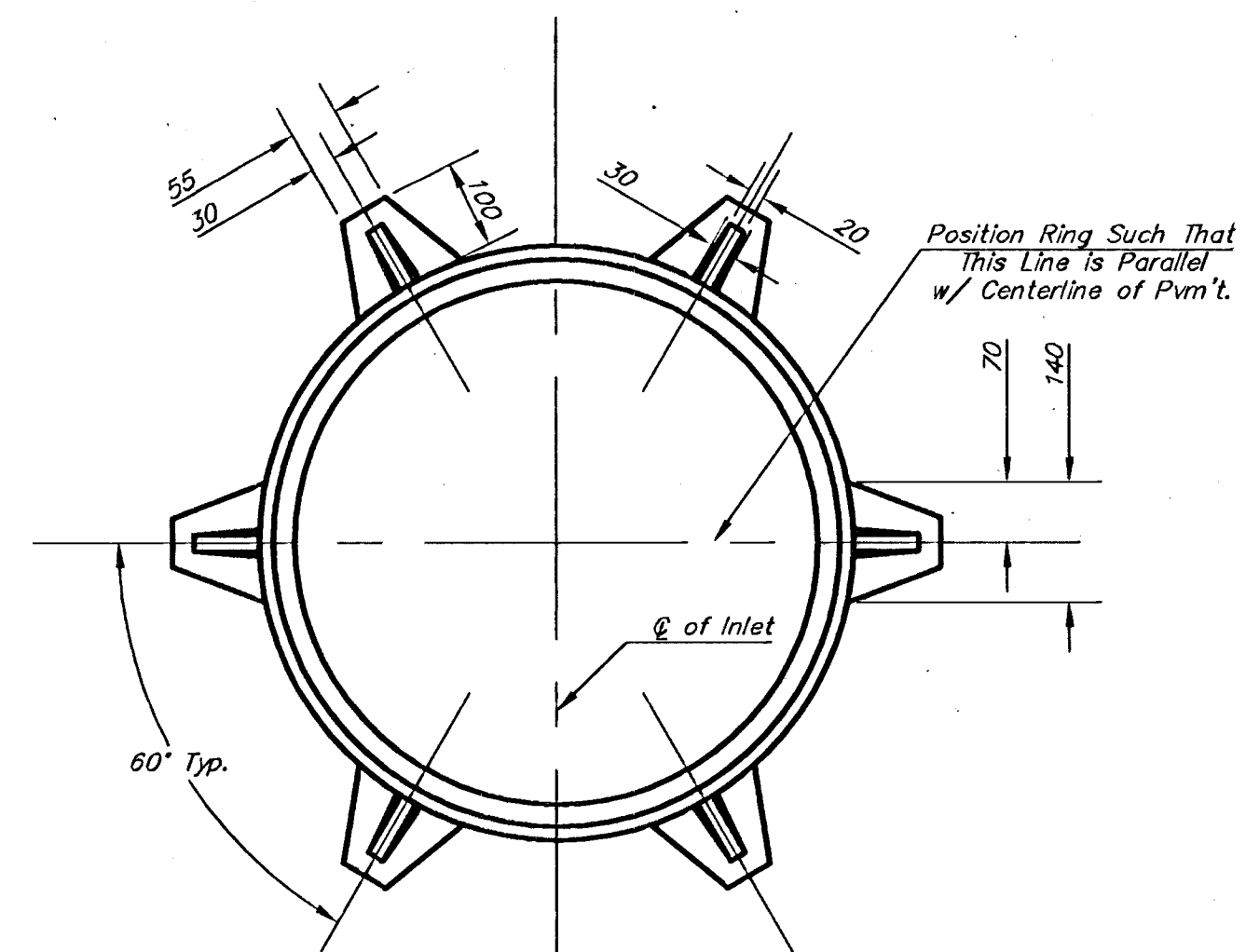




* Field Bend or Cut Reinforcing as Required for Clearance.

Diagram illustrating a semi-elliptical surface crack in a plate. The crack is semi-elliptical with a depth a and a surface radius R . The plate has a thickness W and a width w . The crack is located at a distance x from the left edge. The crack is labeled "50 O.R."

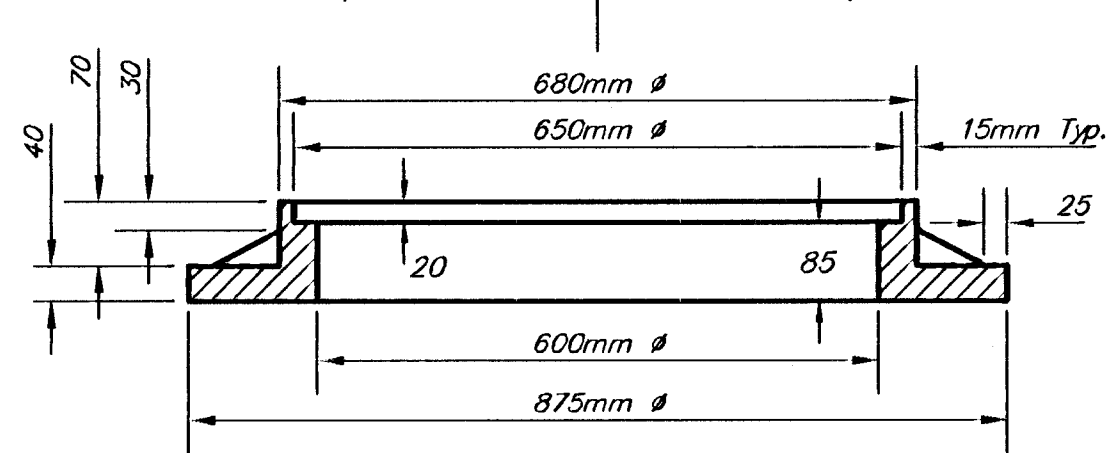
GENERAL NOTES:

Concrete shall be C.O.W. standard paving mix. All exposed edges shall be finished with an edging tool. Reinforcing bars shall be #4 bars or cut to clear pipes and inlet rings. All bars are 4 ft 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.

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.

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

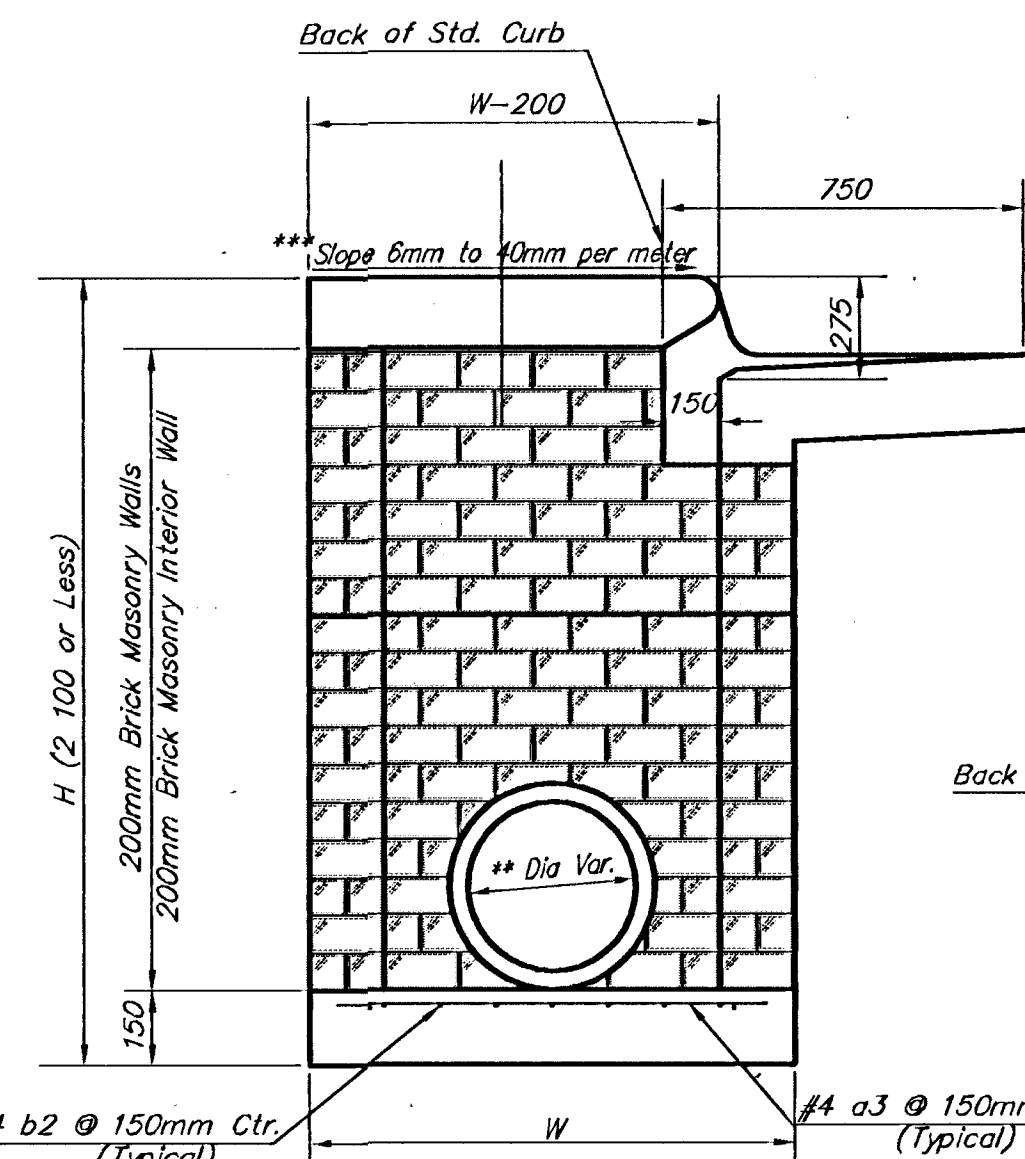
This detail is identical to the standard detail drawing except that the gutter transition length is increased from 600mm to 1050mm.



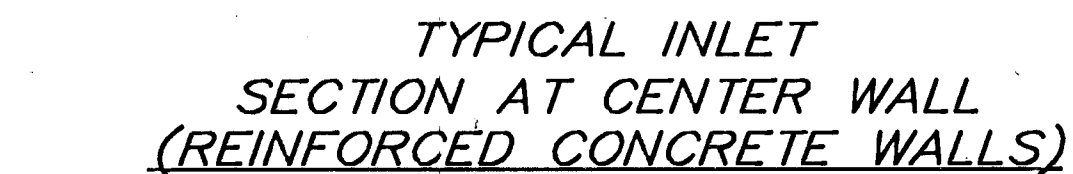
Inlet Frame Weight = 81.7 kg

MANHOLE RING AND COVER

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



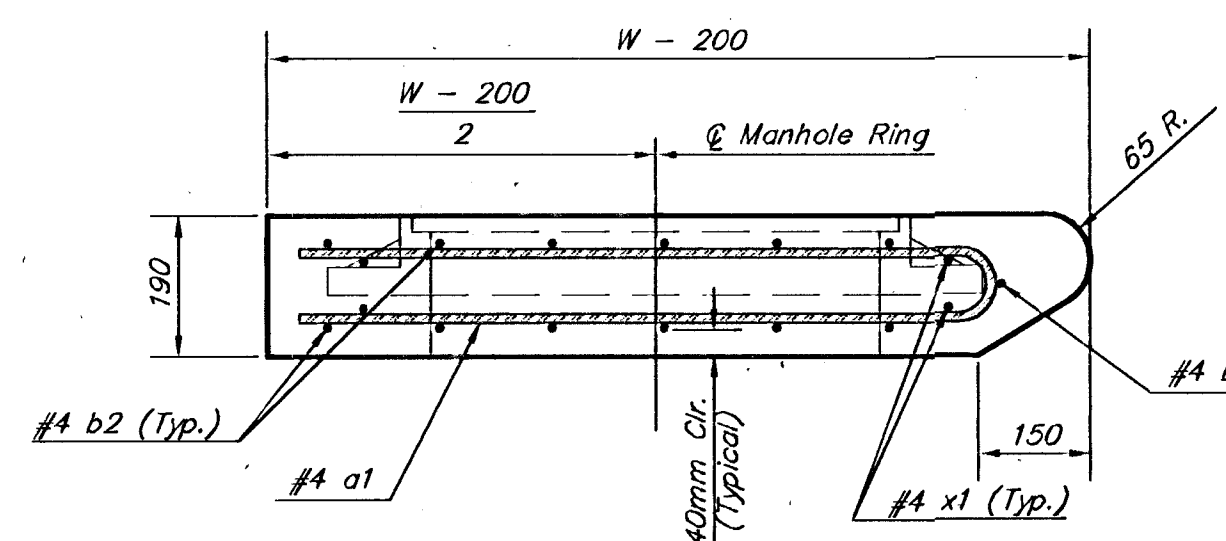
TYPICAL INLET
SECTION AT CENTER WALL
(MASONRY WALLS)



*TYPICAL INLET
SECTION AT CENTER WALL
(REINFORCED CONCRETE WALLS)*

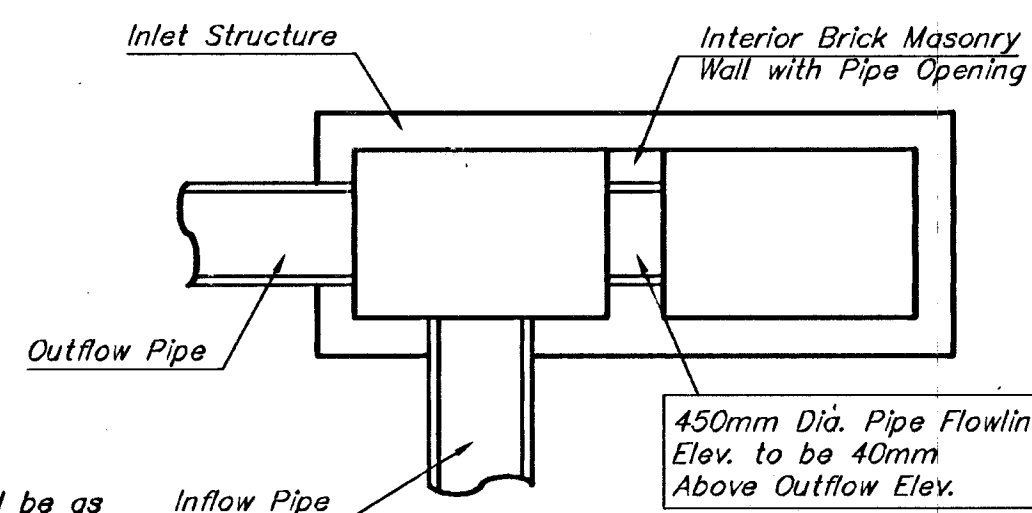
NOTES:

- ** 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 A-A

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.

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 C-C

TYPE 1 CURB INLET
OPENING = 150mm X 3000mm

TYPE 1 CURB INLET OPENING = 150mm X 3000mm					
	924 NORTH MAIN WICHITA, KANSAS 67203 www.srb1.com		316-264-8008 FAX 316-4621 E-Mail: sr@srb1.com		REVISED
	SAVOY, RUGGLES & BOHM, P.A. ENGINEERING & SURVEYING				64
PROJECT NUMBER					
DRAWN S.R.B.	DESIGN G.O.W.	REVIEW	DATE	UTILITY	SRB JOB
127					