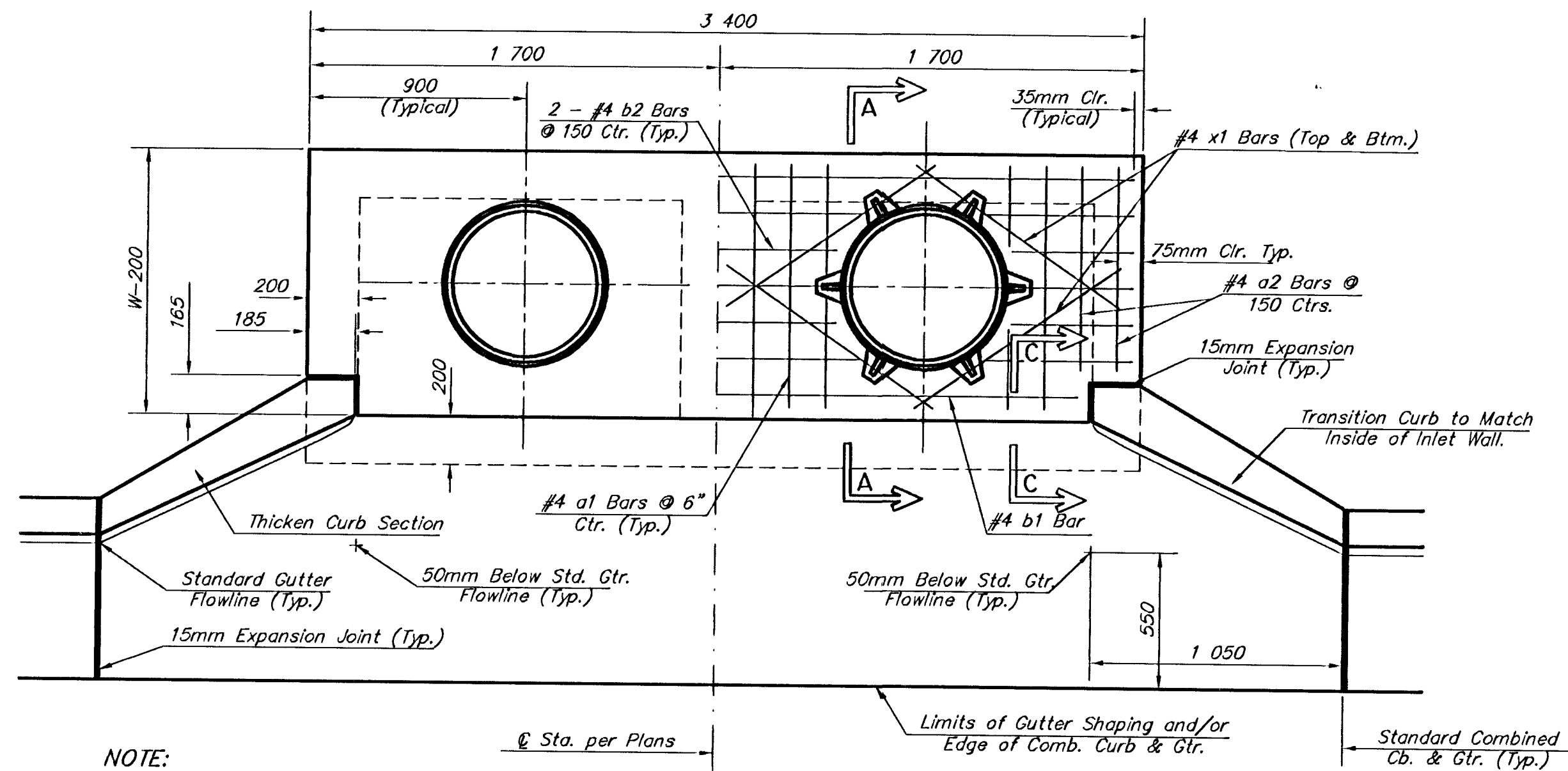
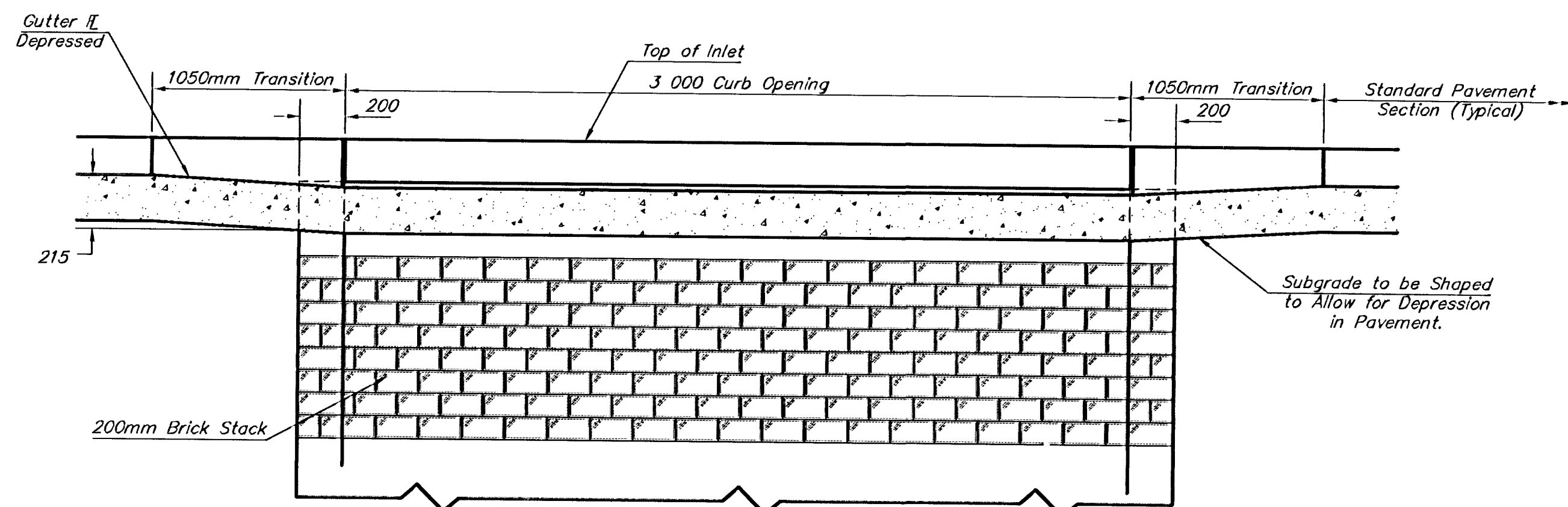




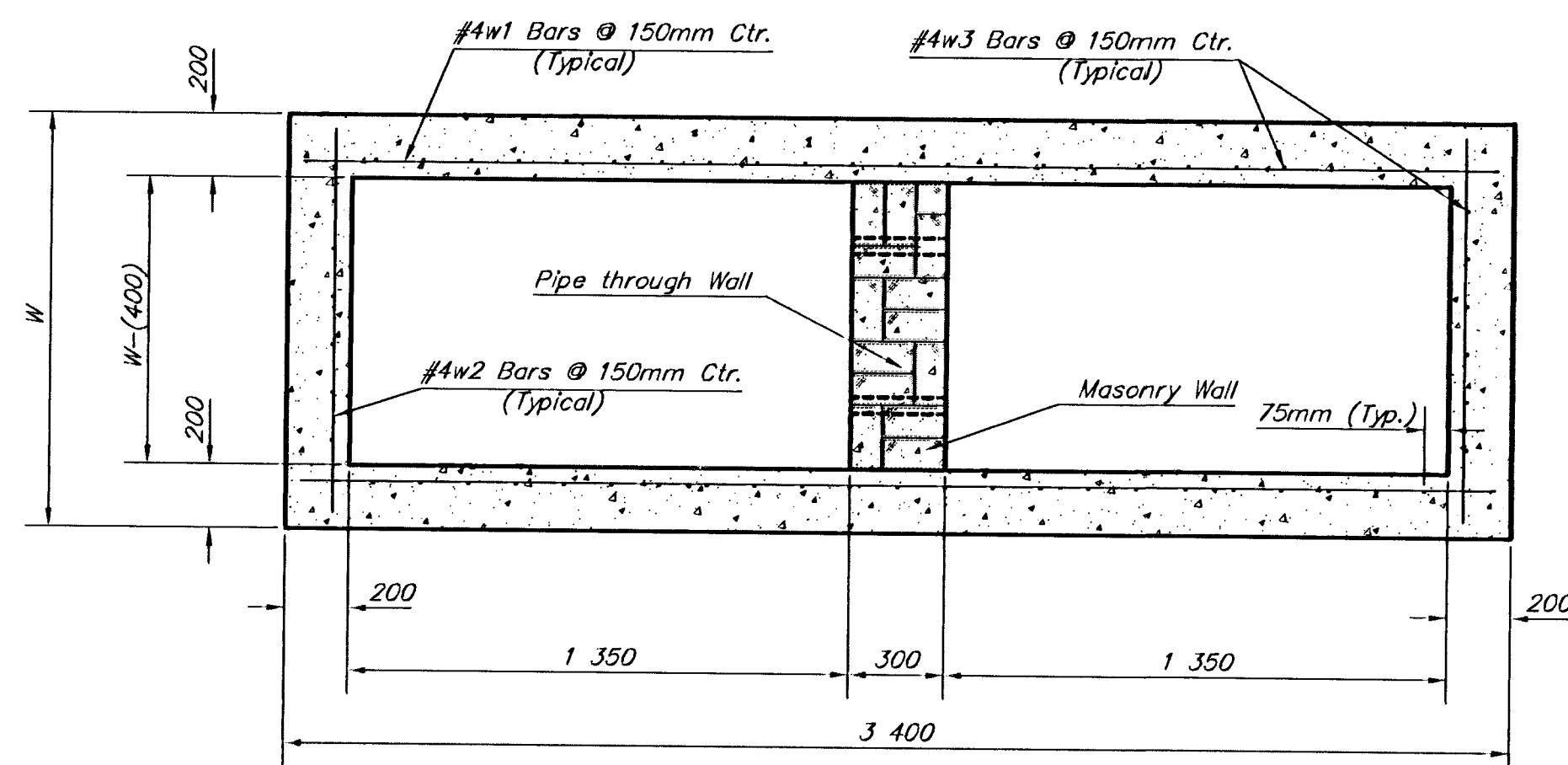
NOTE:
Expansion Joint Only in Curb Area
with Concrete Pavement.

PLAN

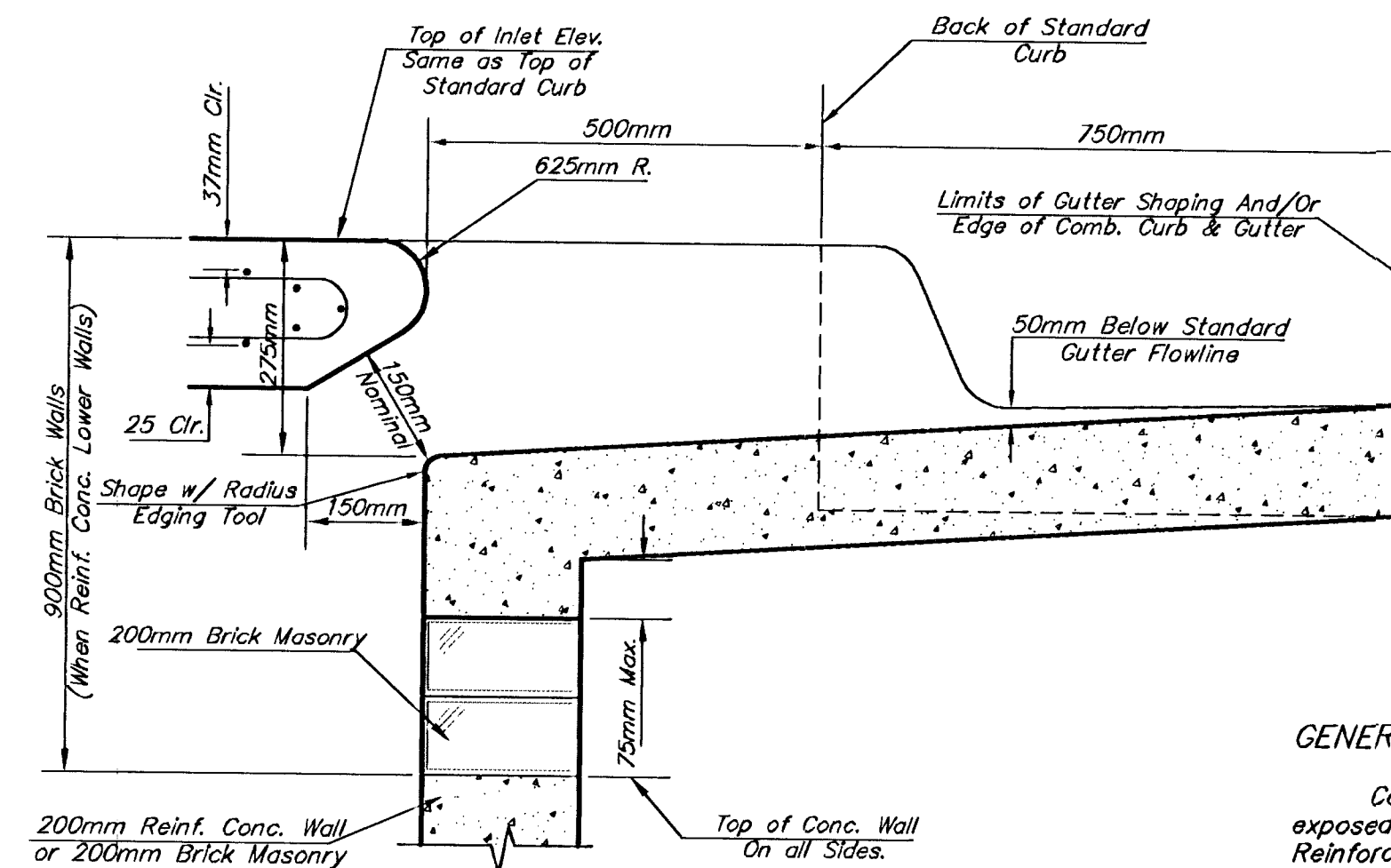
*Left Side Shown Without Slab Reinforcing,
Right Side Shown With Slab Reinforcing



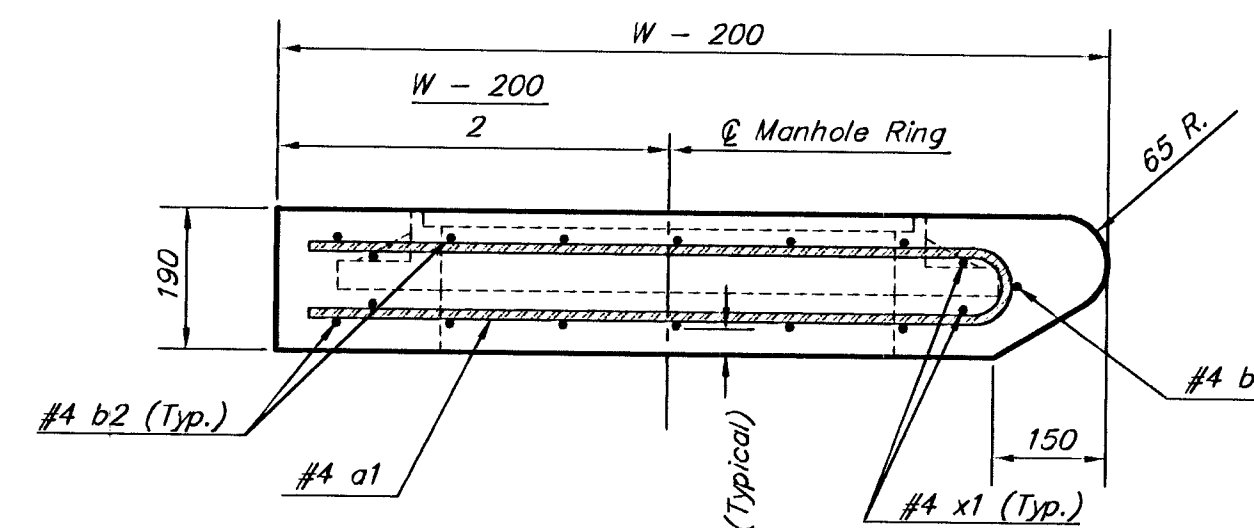
ELEVATION



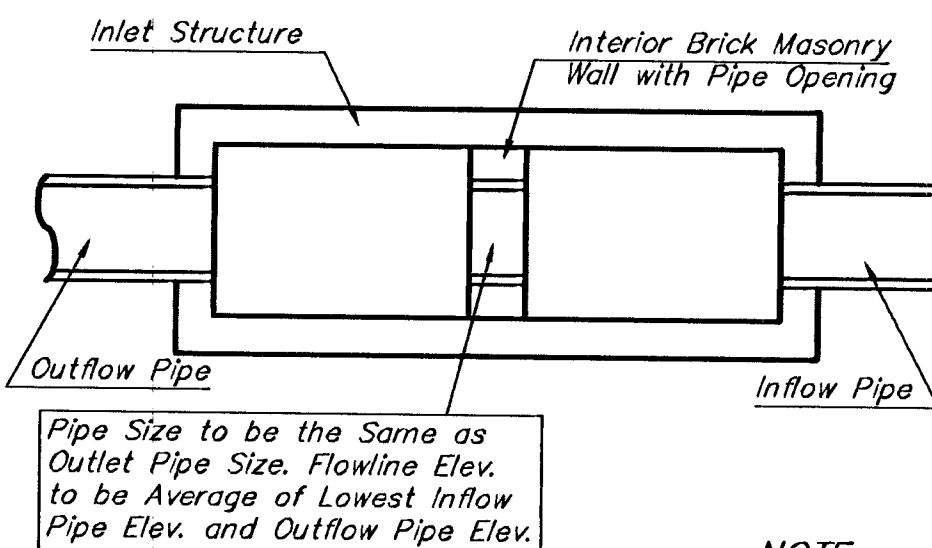
SECTION B-B



SECTION C-C

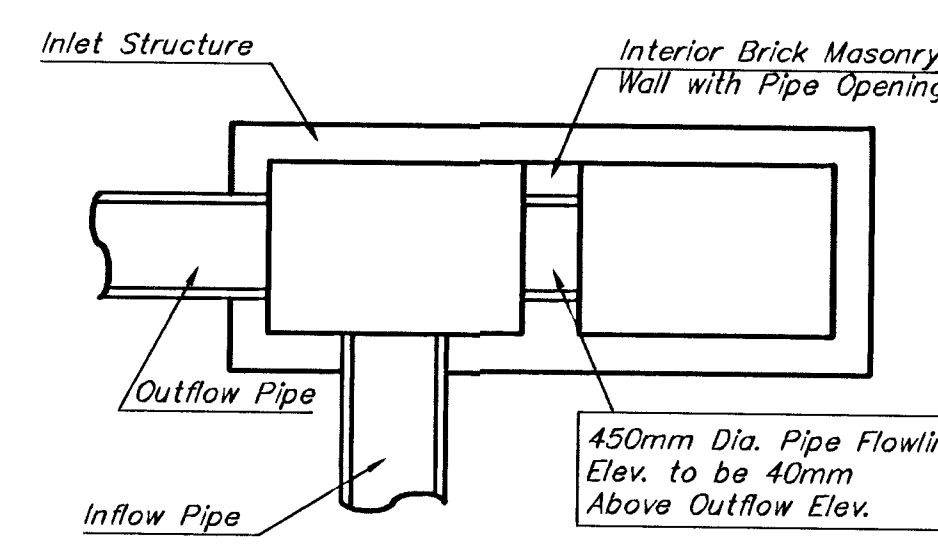


SECTION A-A

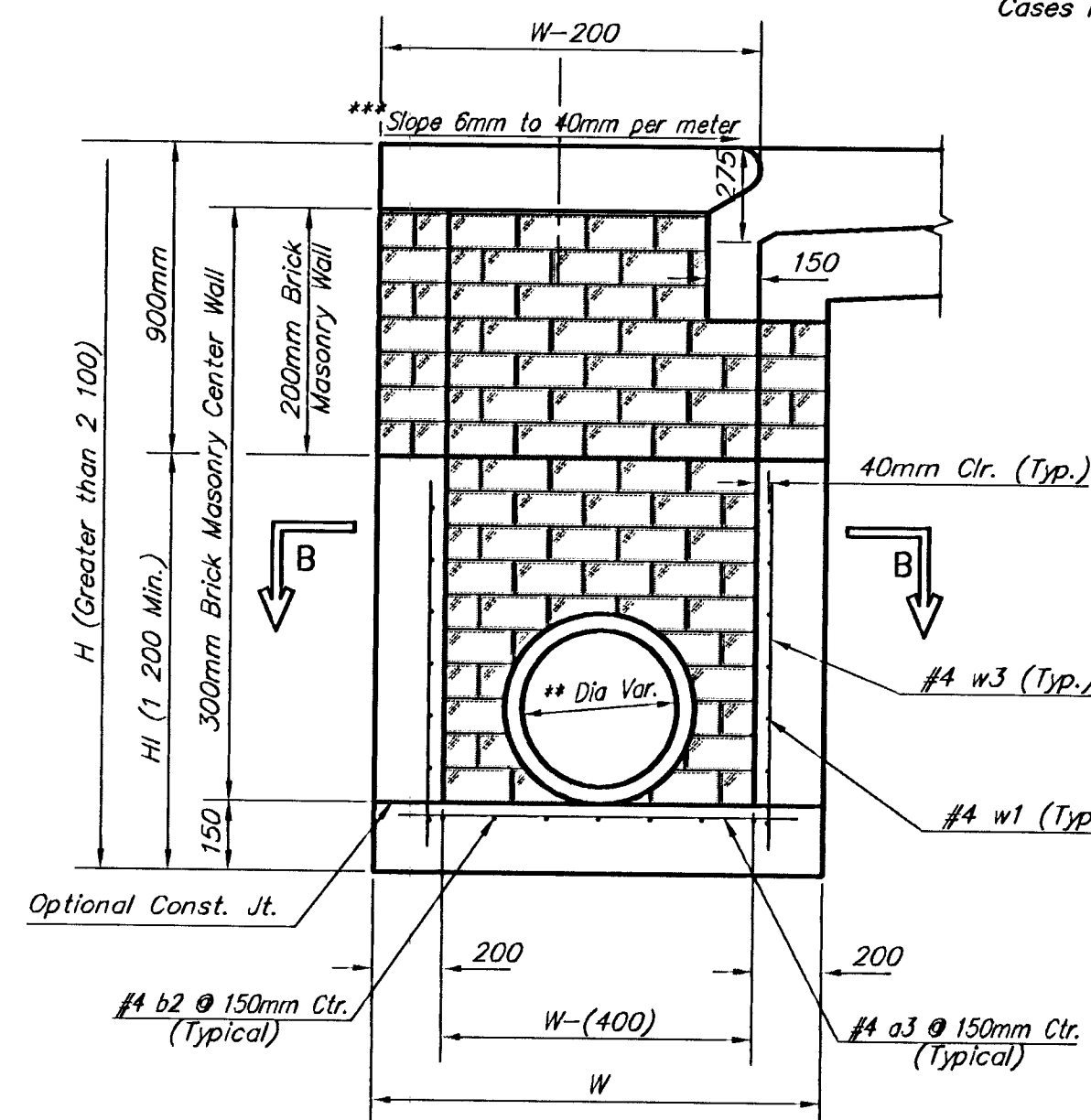


CASE I

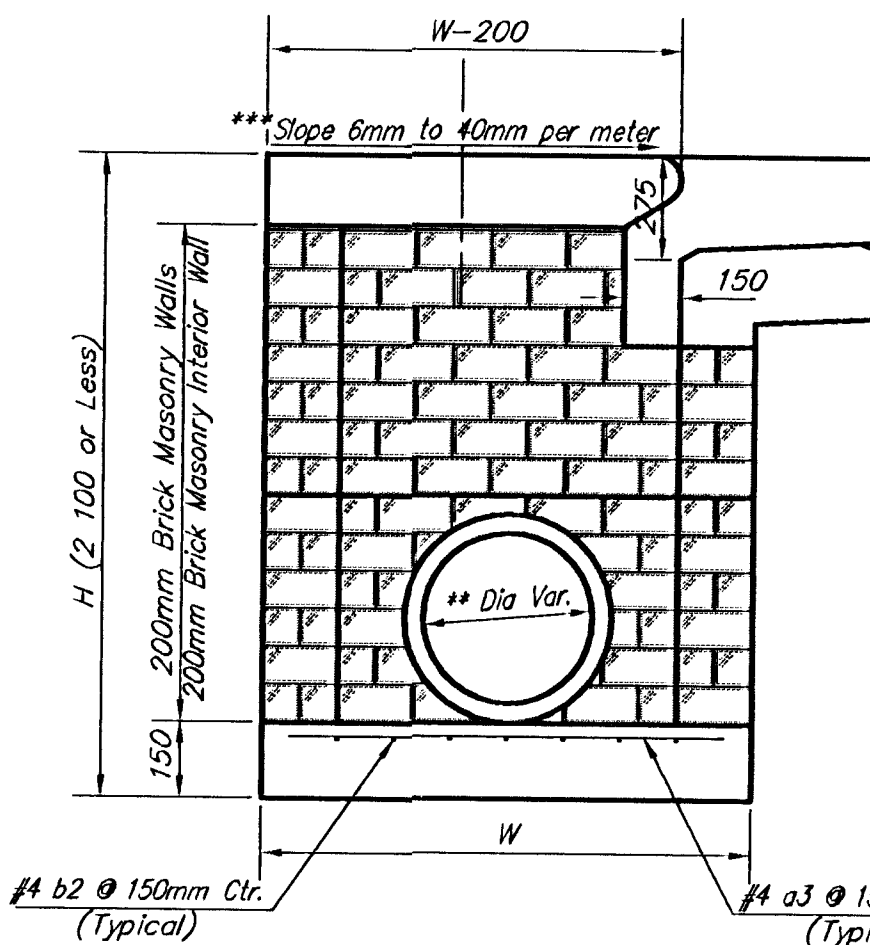
NOTE:
Center Wall Pipe Size shall be as
Specified in Inlet Construction Notes
on the Plan/Profile Sheets for those
Cases not Shown Here.



CASE II



TYPICAL INLET SECTION AT CENTER WALL (Reinforced Concrete Walls)



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 above.
*** Slope of inlet tops to match sidewalk of
parking slopes within limits indicated.

PRECAST SLAB AND FLOOR REINFORCING												
MARK	SIZE	W = 1 300		W = 1 600		W = 1 900		W = 2 200		W = 2 500		LENGTH
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	
a1	#4	13	1 975	13	2 575	13	3 175	13	3 775	13	4 375	
* a2	#4	4	1 800	4	2 400	4	3 000	4	3 600	4	4 200	
a3	#4	23	1 225	23	1 525	23	1 825	23	2 125	23	2 425	
b1	#4	1	2 925	1	2 925	1	2 925	1	2 925	1	2 925	
* b2	#4	23	3 325	29	3 325	35	3 325	41	3 325	47	3 325	
x1	#4	16	1 150	16	1 250	16	1 350	16	1 450	16	1 550	

WALL REINFORCING

MARK	SIZE	W = 1 300		W = 1 600		W = 1 900		W = 2 200		W = 2 500	
		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

* Field Bend or Cut Reinforcing as Required for Clearance.
① 4 (H - 300) (H - 525) Rounded down to nearest 150mm
② H - 75

GENERAL NOTES:

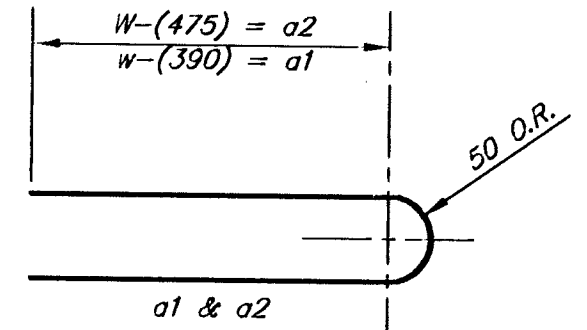
Concrete shall be C.O.W. standard paving mix. All
exposed edges shall be finished with an edging tool.
Reinforcing bars shall be field bent or cut to clear pipes
and inlet rings. All bars are #4 bars @ 150mm spacing and
shall have a minimum clearance of 40mm unless otherwise
noted. Floors of inlet shall 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.

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.

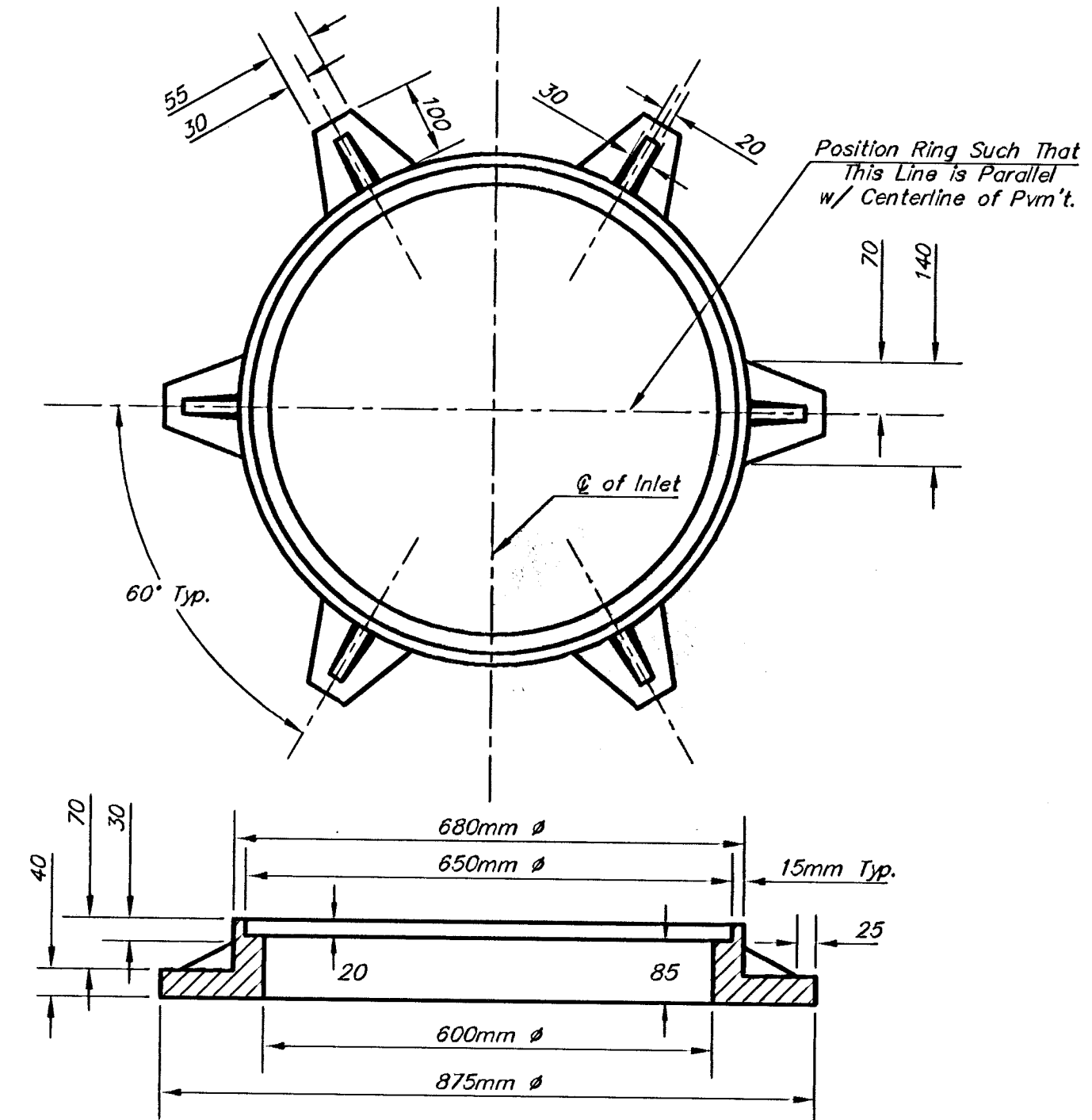
The ends of all pipes installed in inlets shall be cut
off flush with the inside face of the inlet wall.

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

BENDING DIAGRAM



STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CUL. YD. CONC.
1 300	1 100 x 3 400 x 190	525mm & SMALLER	0.63±
1 600	1 400 x 3 400 x 190	600mm & 750mm	0.83±
1 900	1 700 x 3 400 x 190	900mm & 1050mm	1.03±
2 200	2 000 x 3 400 x 190	1200mm & 1350mm	1.23±
2 500	2 300 x 3 400 x 190	1500mm & 1650mm	1.42±



MANHOLE RING AND COVER

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

THE CITY OF WICHITA

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
405 NORTH MAIN STREET
WICHITA, KANSAS 67202
(316) 268-4501
(316) 268-4114 FAX

**STANDARD TYPE 1-A
CURB INLET
OPENING = 150 x 3 000**

M. E. LINDEBAK P.E. - CITY ENGINEER

PROJECT NUMBER
83262

DATE
MAR 96

OCA #

SHEET 62 OF 127