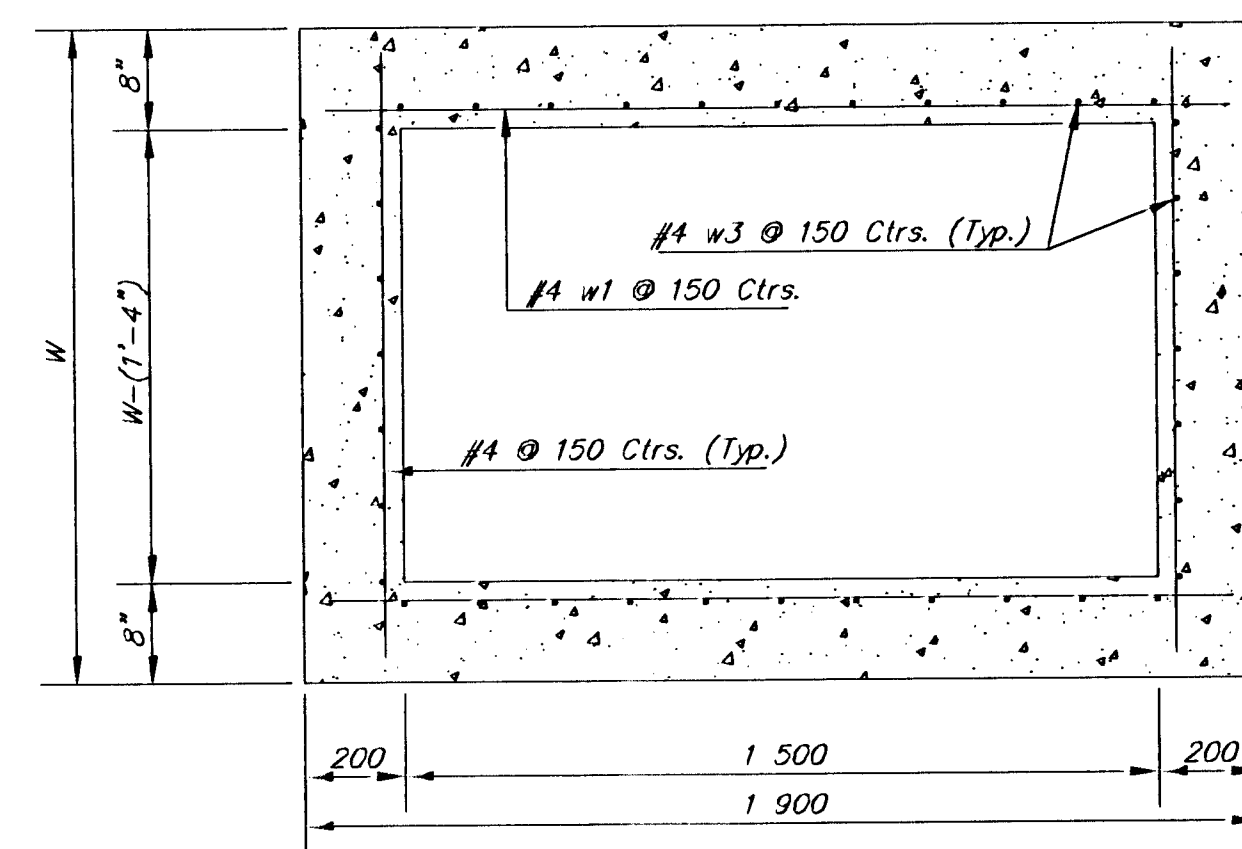
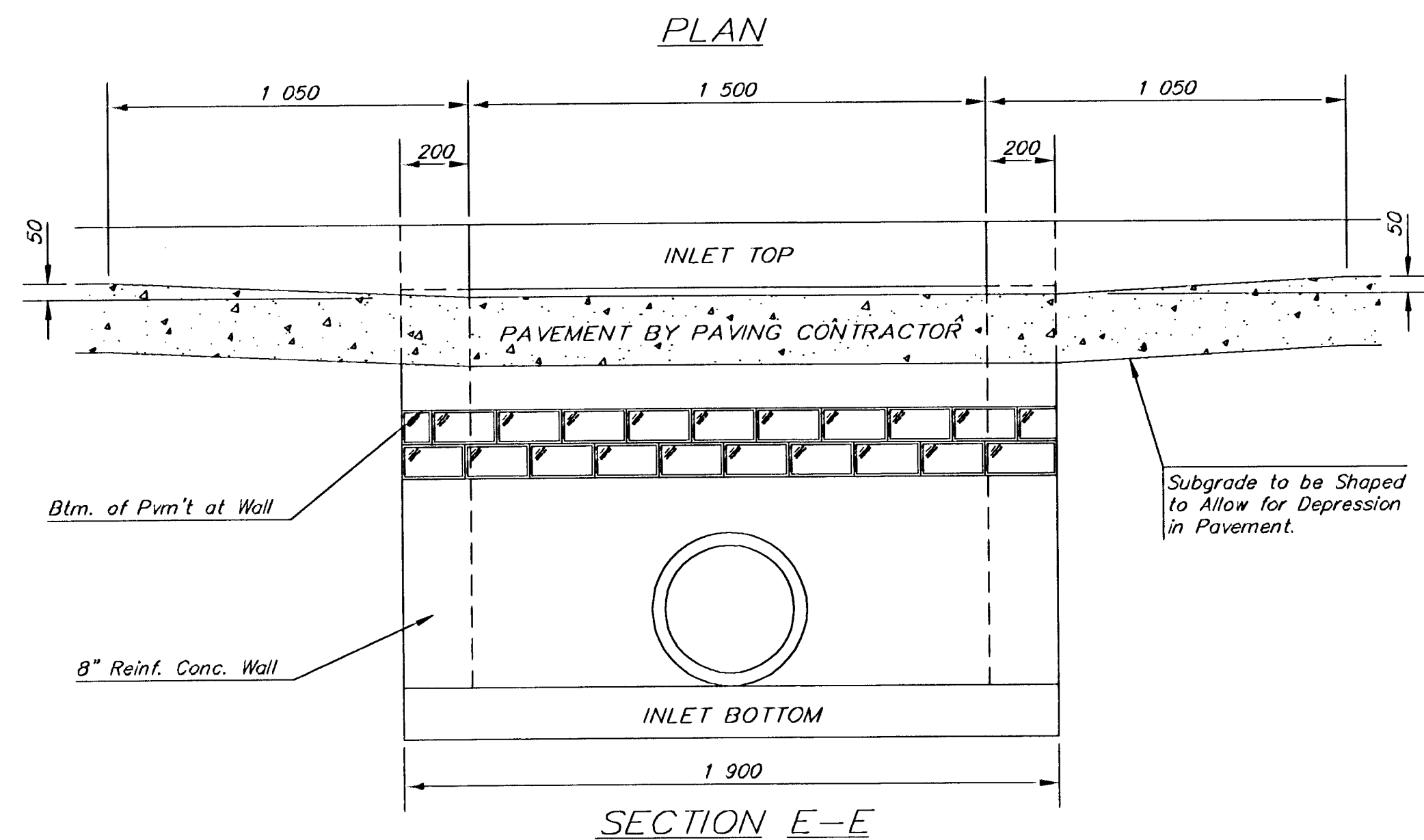
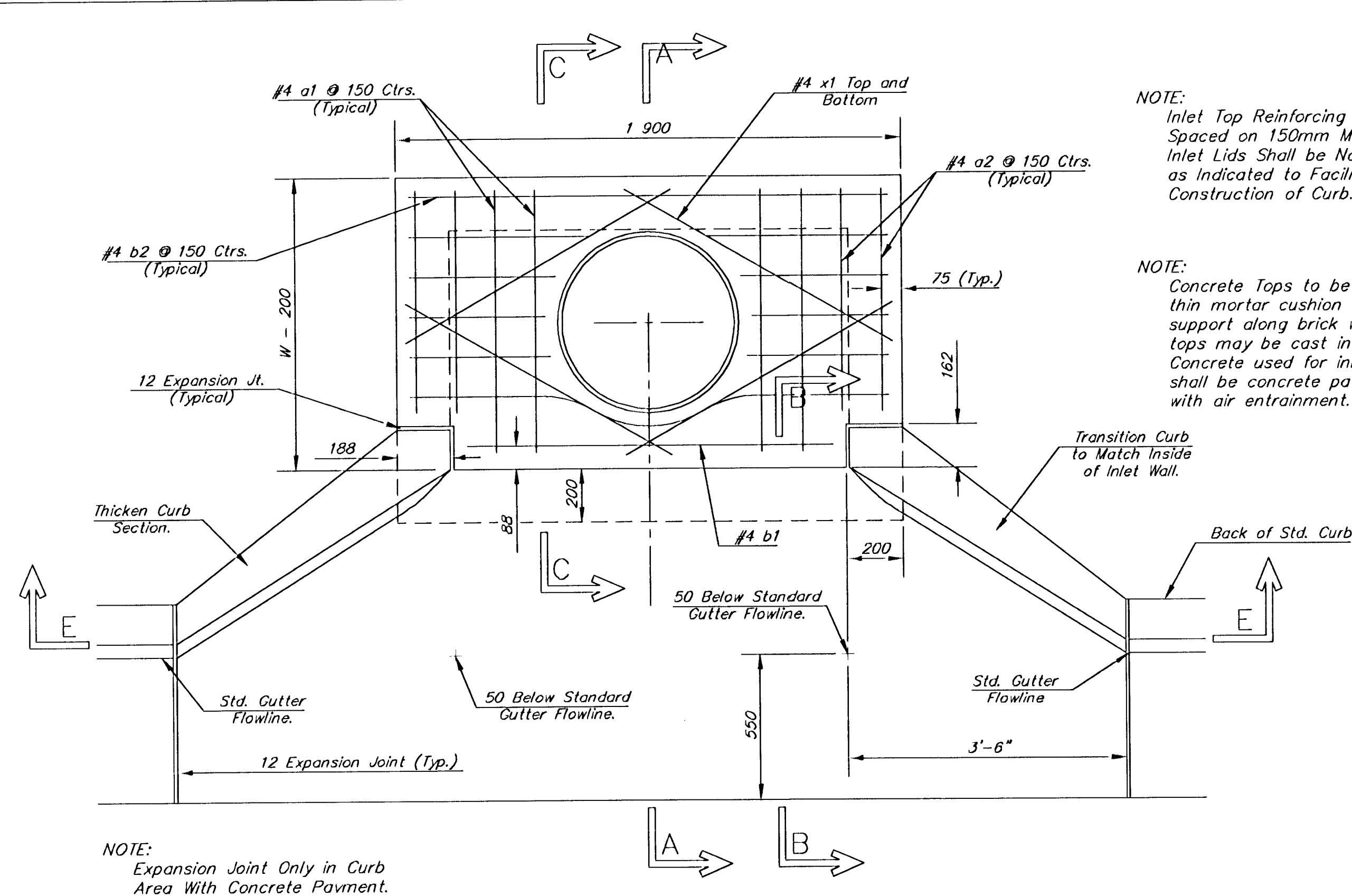




SECTION D-D

NOTE: Contractor shall have the option of constructing 200mm brick masonry walls between the concrete inlet base and top on this inlet when W=1.90m and H=2.10m or less.

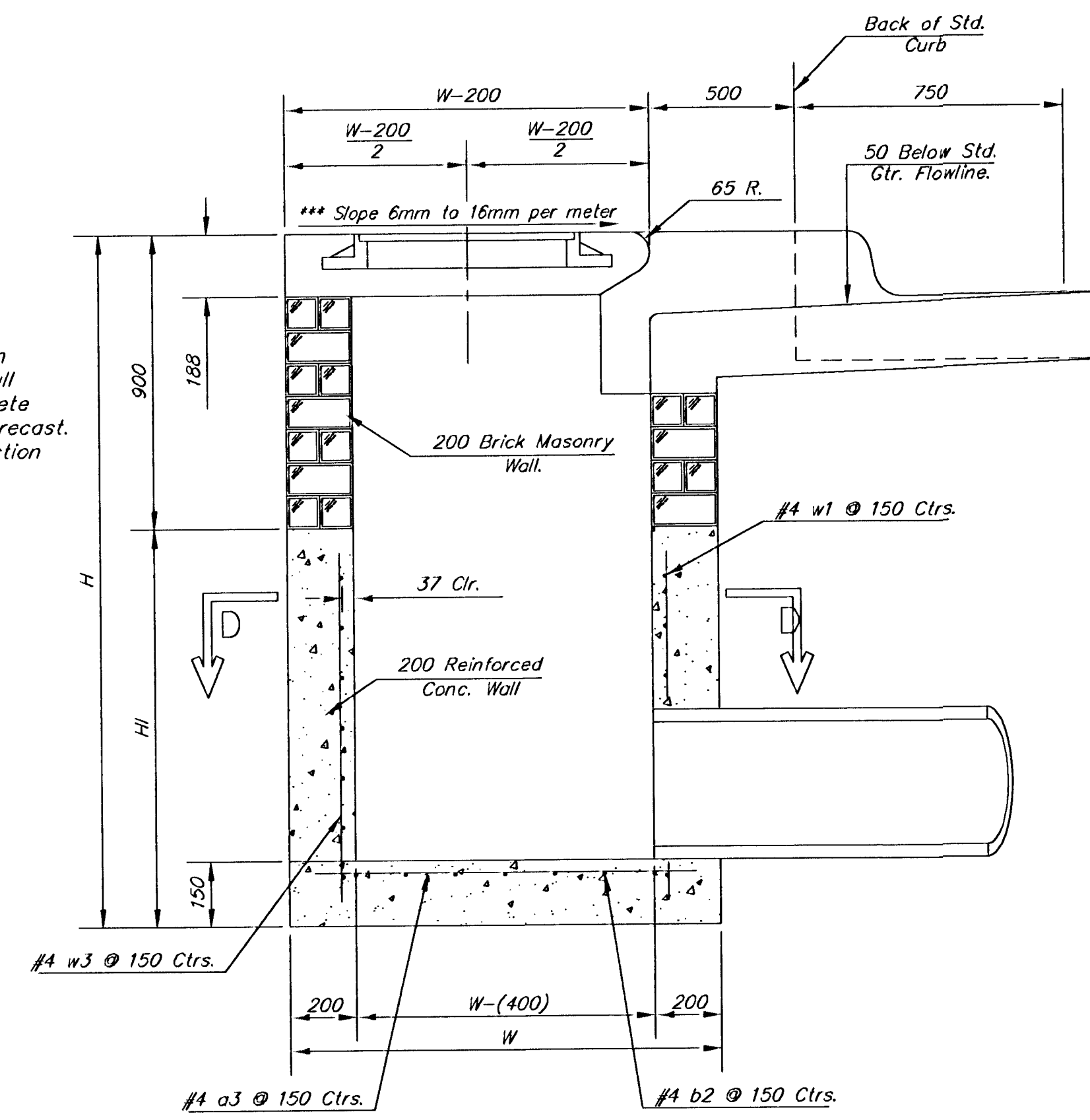
Additional curb and gutter construction necessary to connect set-back inlet to pavement will be paid for at the unit price bid for each inlet hookup.

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.

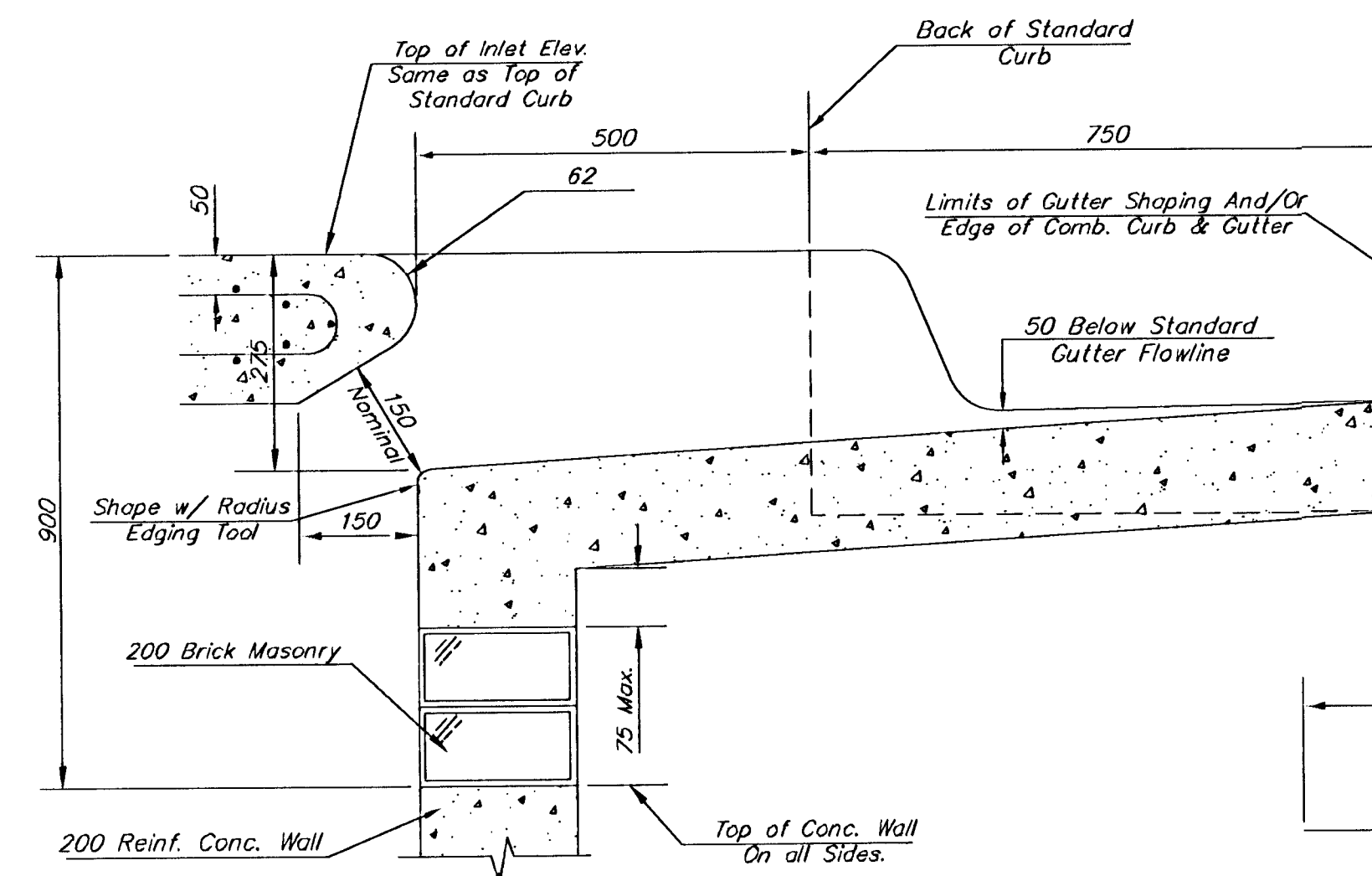
The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall

NOTE: Inlet Top Reinforcing shall be Spaced on 150mm Max. Centers. Inlet Lids Shall be Notched Out as Indicated to Facilitate Construction of Curb.

NOTE: 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 with air entrainment.



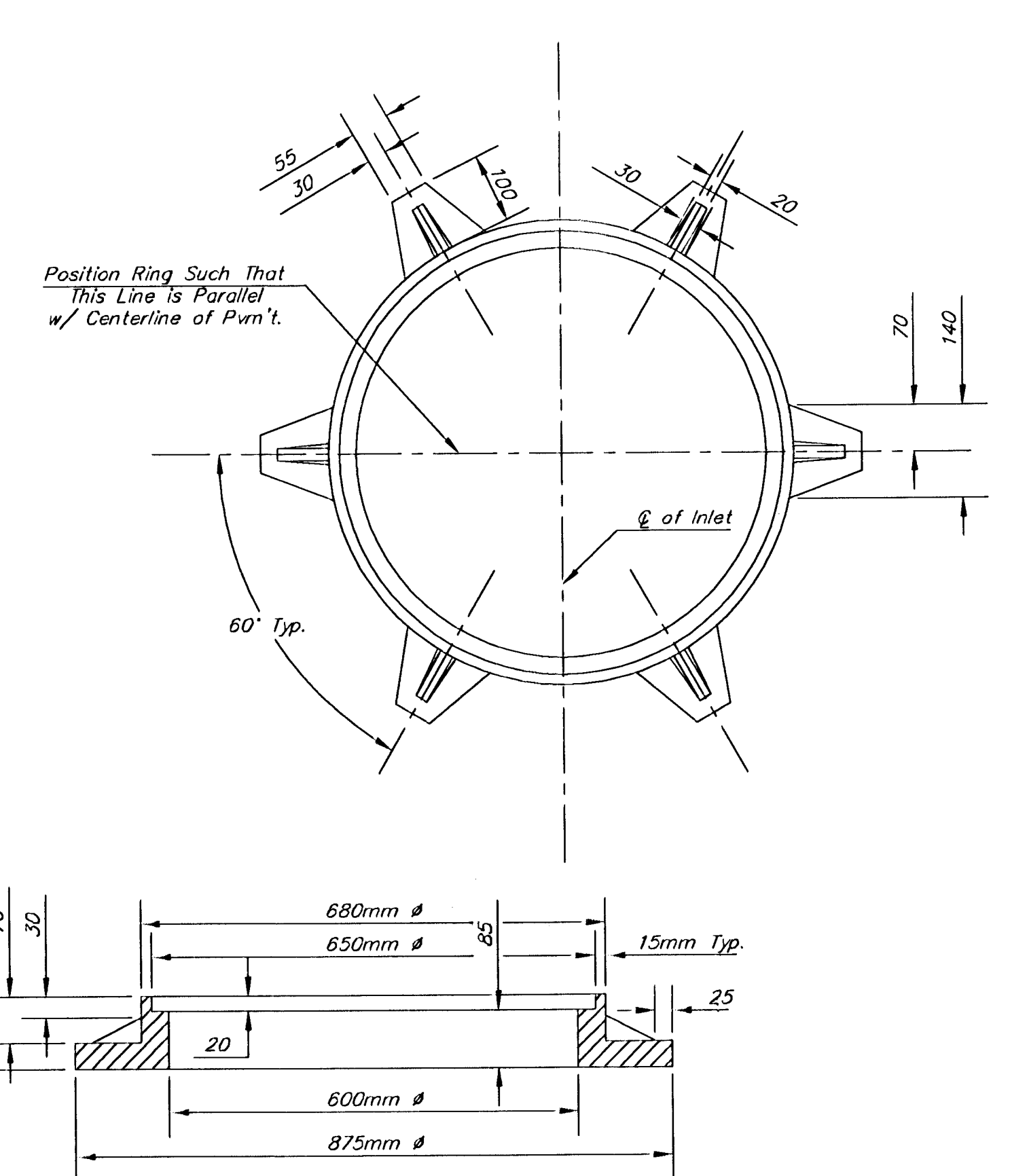
SECTION A-A



SECTION B-B

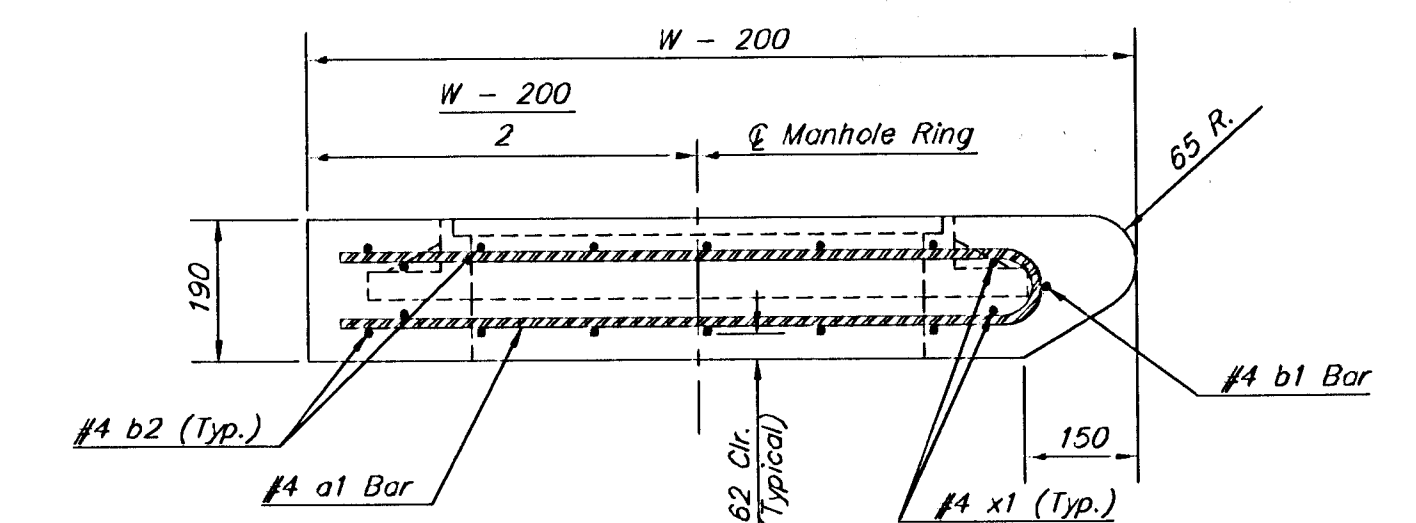
PRECAST SLAB AND FLOOR REINFORCING														
W = 1 300			W = 1 600			W = 1 900			W = 2 200			W = 2 500		
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	
* a1	#4	6	1 975	6	2 575	6	3 175	6	3 775	6	4 375	6	4 975	
a2	#4	4	1 800	4	2 400	4	3 000	4	3 600	4	4 200	4	4 800	
a3	#4	13	1 225	13	1 525	13	1 825	13	2 125	13	2 425	13	2 725	
b1	#4	1	1 425	1	1 425	1	1 425	1	1 425	1	1 425	1	1 425	
* b2	#4	23	1 825	29	1 825	35	1 825	41	1 825	47	1 825	53	1 825	
x1	#4	8	1 150	8	1 250	8	1 350	8	1 450	8	1 550	8	1 650	
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	NO.	LENGTH	
w1	#4	①	1 825	①	1 825	①	1 825	①	1 825	①	1 825	①	1 825	
w2	#4	①	1 225	①	1 525	①	1 825	①	2 125	①	2 425	①	2 725	
w3	#4	32	②	36	②	40	②	44	②	48	②	52	②	

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



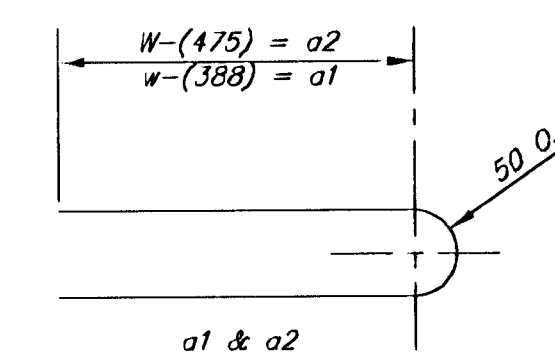
MANHOLE RING AND COVER

Weight = 81.7 kgs.
 *See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.



SECTION A-A

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" x 6'-4" x 7 1/2"	21" & SMALLER	0.38±
5'-4"	4'-8" x 6'-4" x 7 1/2"	24" & 30"	0.51±
6'-4"	5'-8" x 6'-4" x 7 1/2"	36" & 42"	0.64±
7'-4"	6'-8" x 6'-4" x 7 1/2"	48" & 54"	0.77±
8'-4"	7'-8" x 6'-4" x 7 1/2"	60" & 66"	0.90±



THE CITY OF WICHITA

W

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

STANDARD TYPE 1-A
CURB INLET
 OPENING = 150 x 1 500

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

PROJECT NUMBER

INDEX CODE

DATE
MAR 96

SHEET 15 OF 82