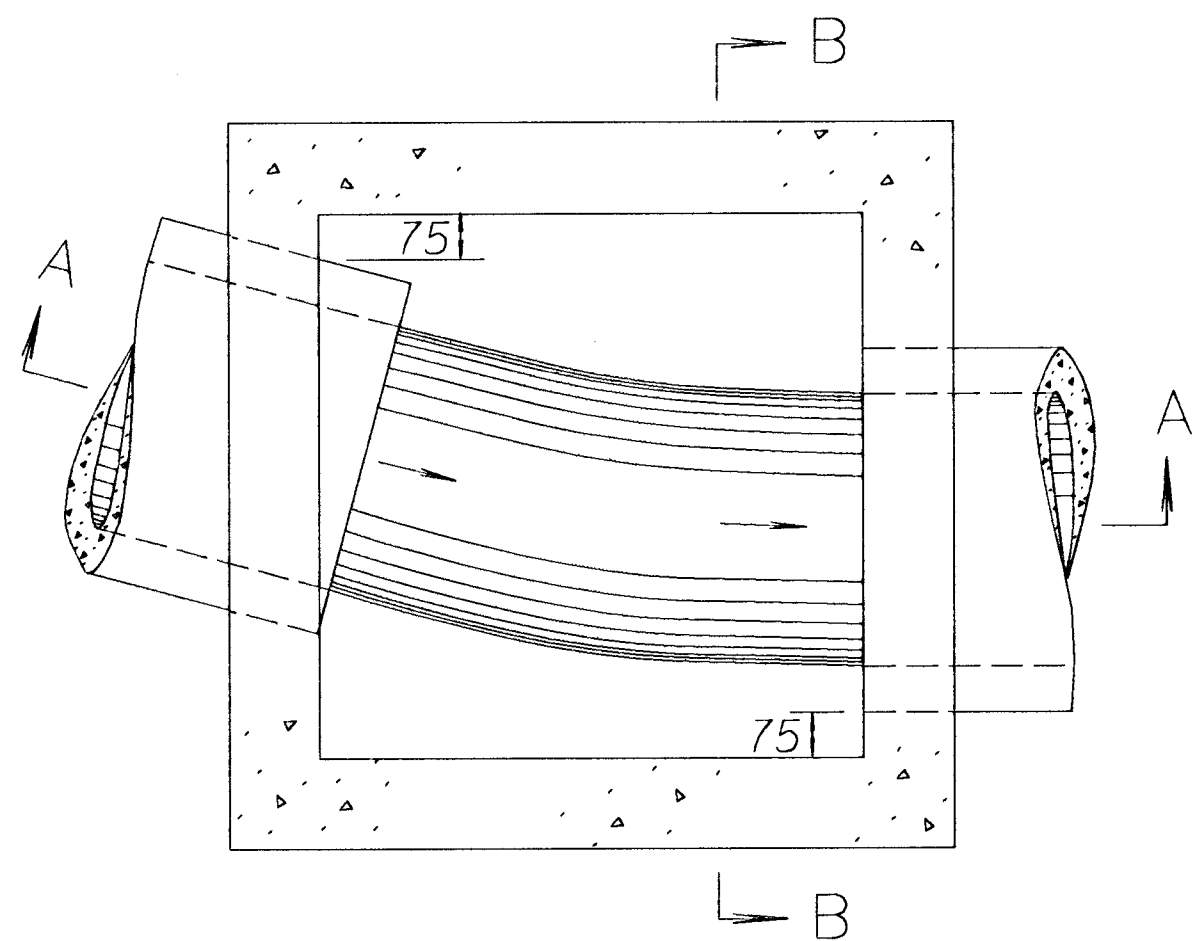
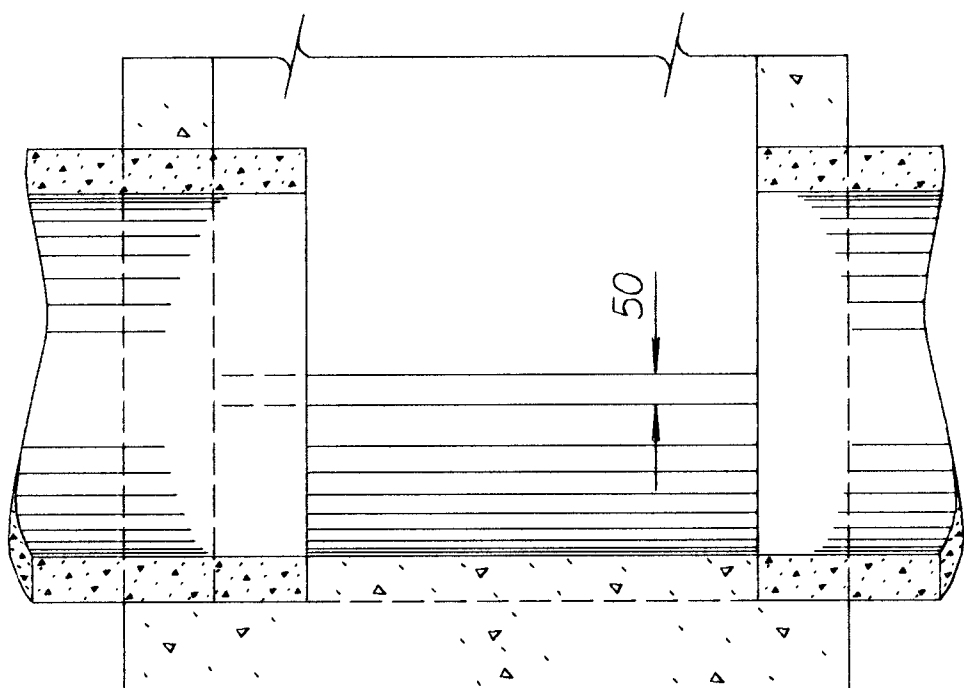
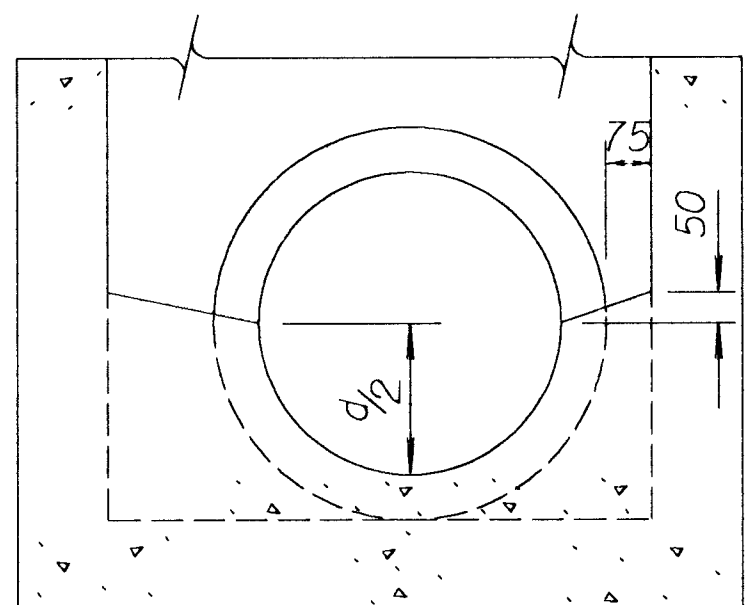




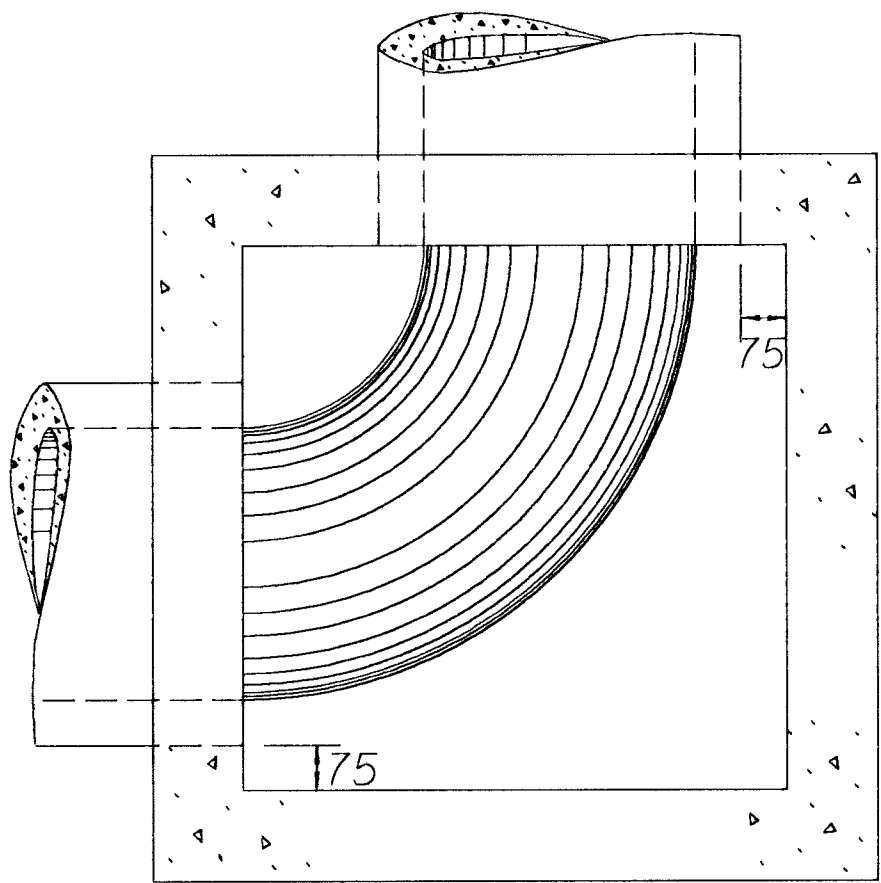
PLAN - FLOOR (Example I)



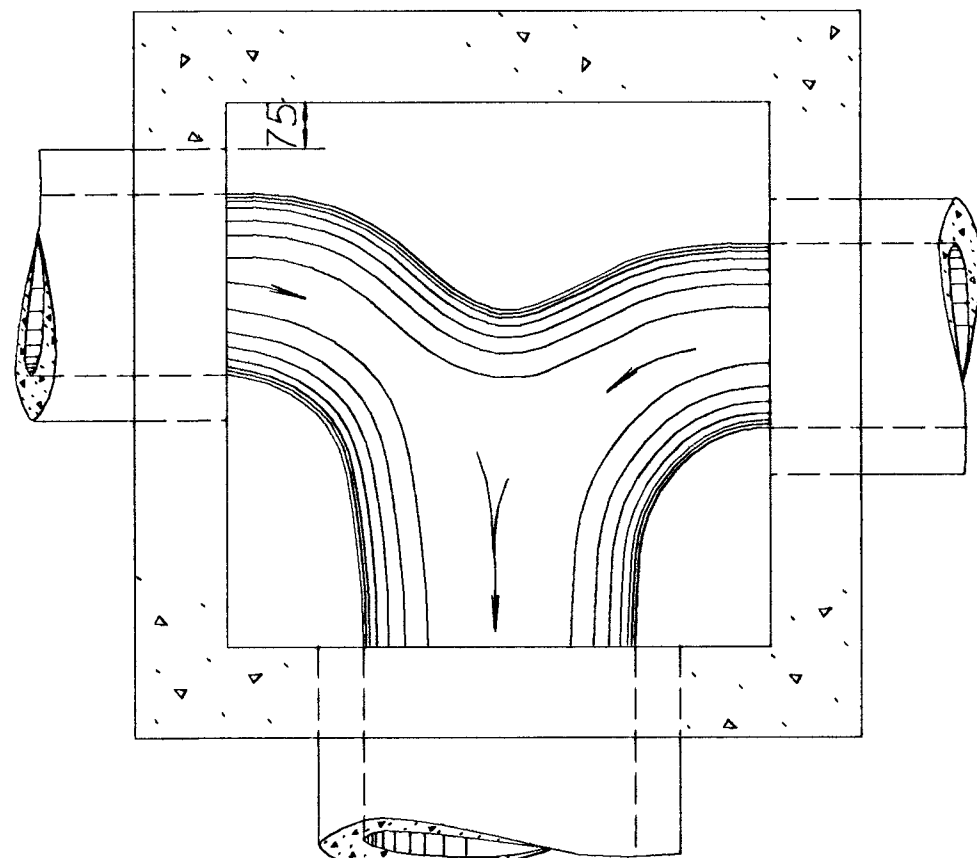
SECTION A-A (Example I)



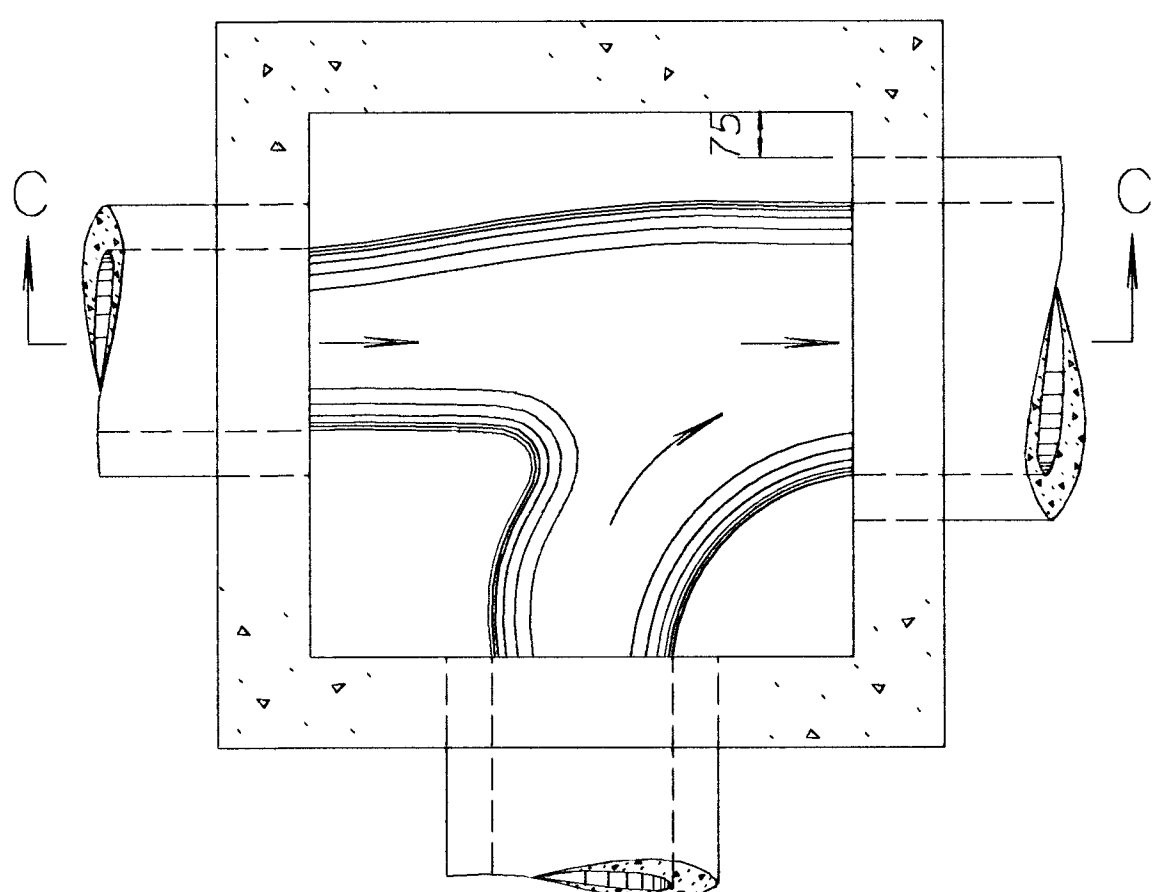
SECTION B-B (Example I)



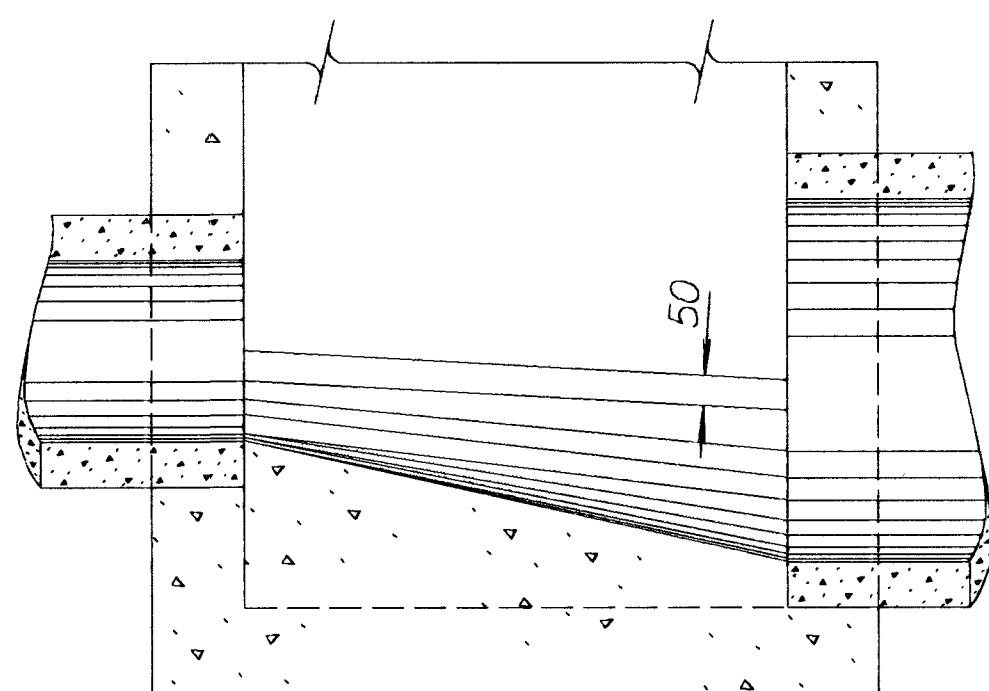
PLAN - FLOOR (Example II)



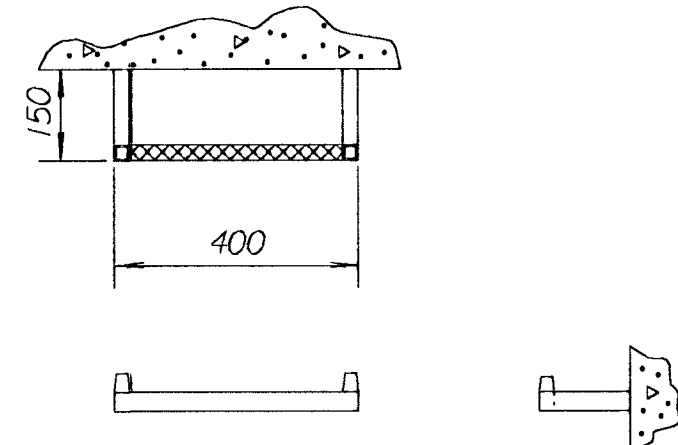
PLAN - FLOOR (Example III)



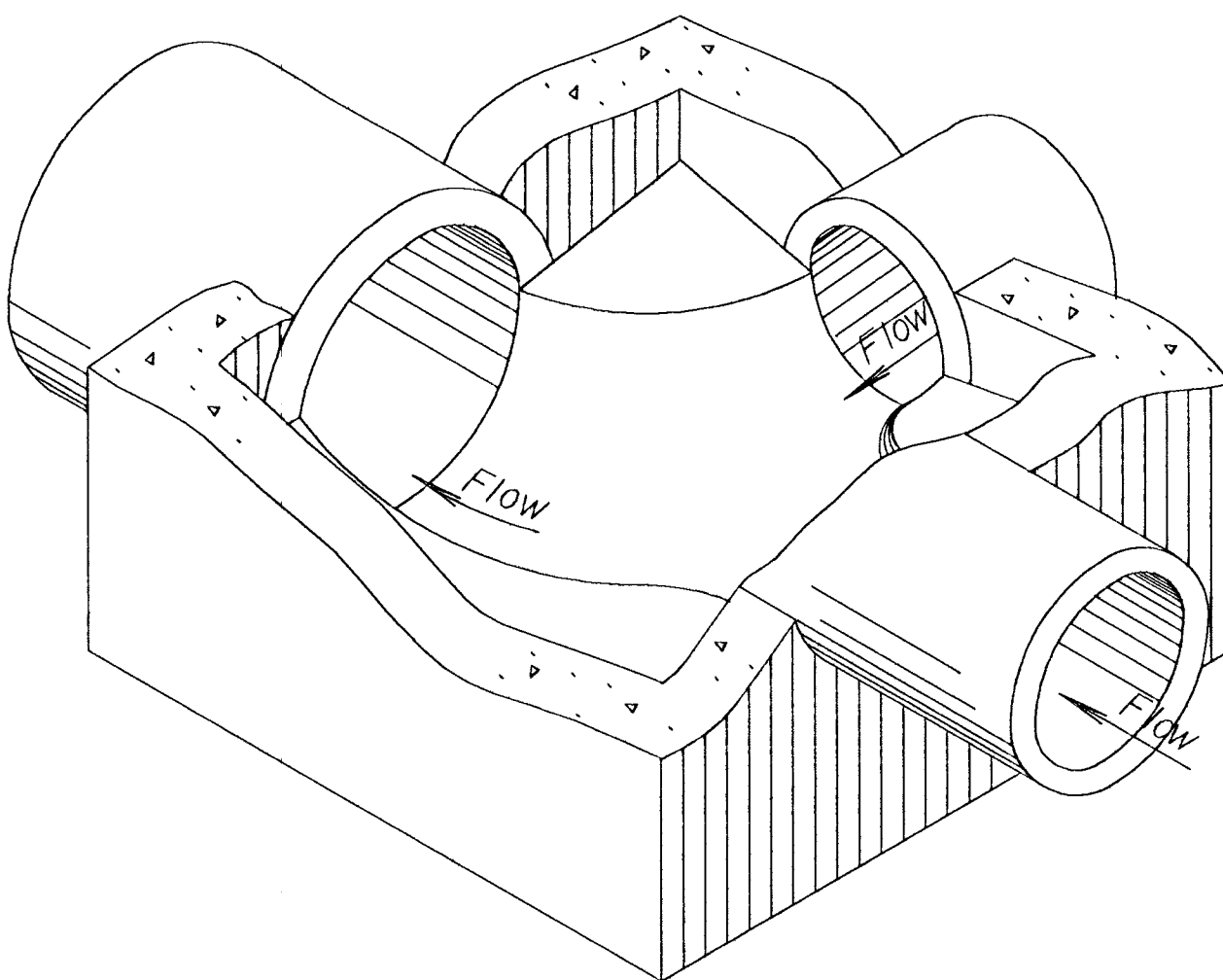
PLAN - FLOOR (Example IV)



SECTION C-C (Example IV)

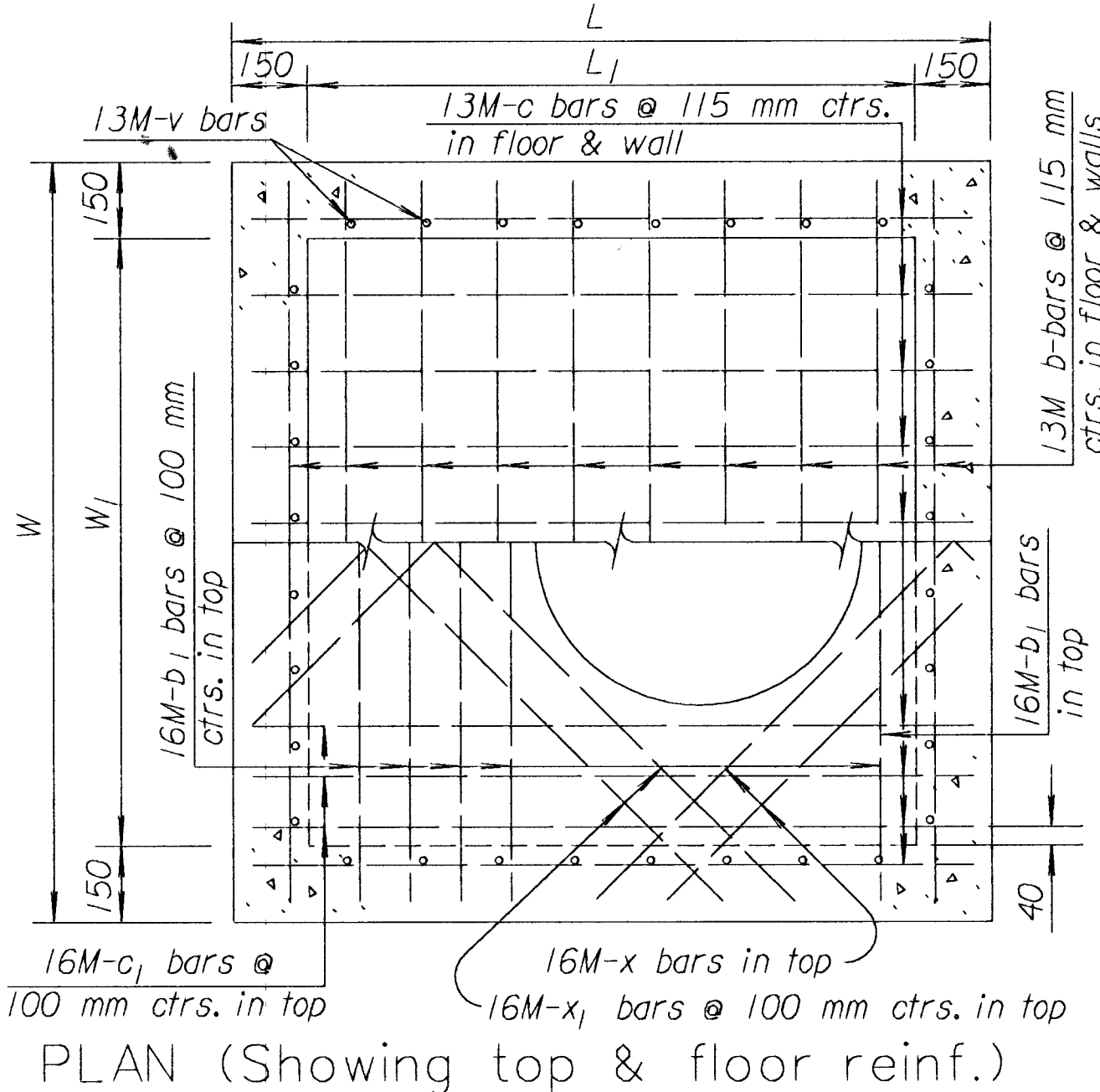


STEP DETAILS

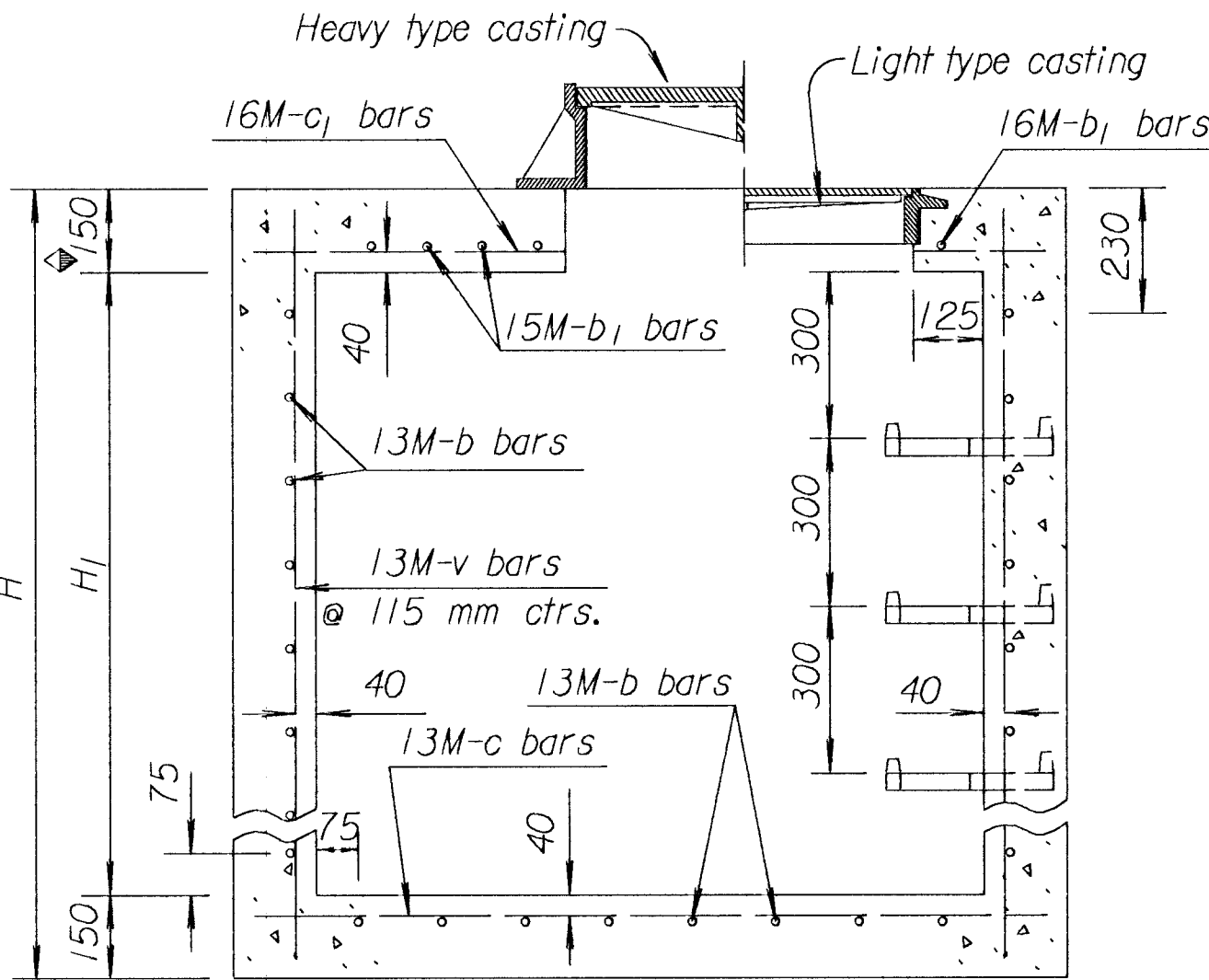


Floor of manhole shall be shaped as shown in the examples to increase hydraulic efficiency.

ISOMETRIC VIEW (Example IV)



PLAN (Showing top & floor reinf.)

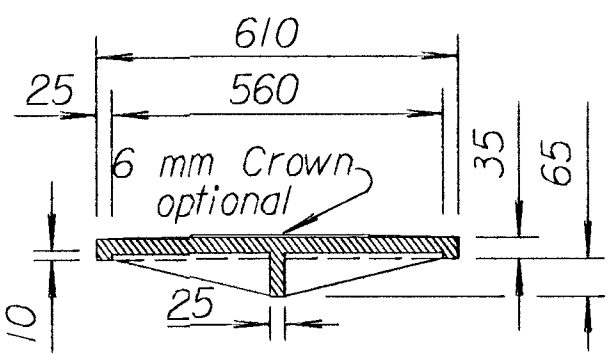


Where dimension "L" or "W" is greater than 1 800 mm use 200 mm slab thickness.

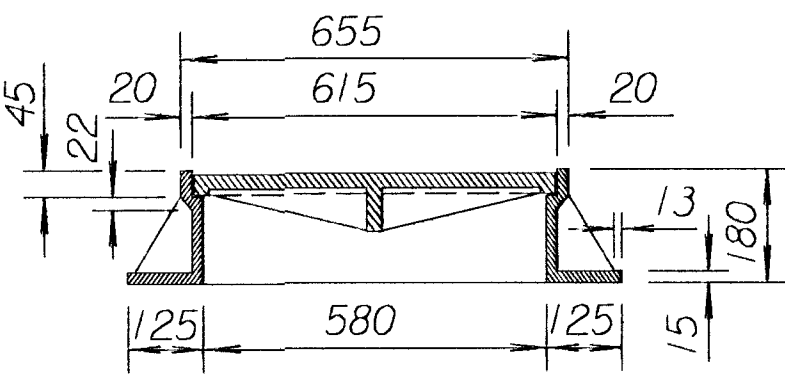
SECTION (Exclusive of floor shaping)

GENERAL NOTES

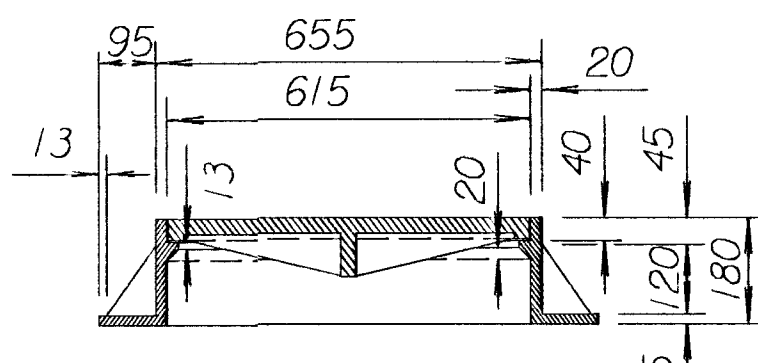
Use Class A Concrete throughout. All exposed edges shall be finished with an edging tool. At the contractors option Class A Concrete (AE) or mix used in concrete pavement may be used throughout. In general, pipes will enter and leave manhole at various positions. Where possible bend bars around pipes. Floor of manhole shall be shaped as shown in various "EXAMPLES" with unreinforced Class "A" Concrete. Manhole opening and steps, where used, shall be placed to afford easy access to top of shaped invert. Top reinforcing bars shall be adjusted accordingly. All castings shall be gray iron and shall comply with the KDOT Standard Specifications. No deductions in concrete quantities shall be made for pipe openings or additions to concrete quantities shall be made for shaping floor of manholes. The top of the manhole shall be sloped slightly to approximately fit the ground line or other condition as directed by the Engineer. Dimensions and masses of cast iron as shown on this sheet are minimum. Larger dimensions and/or heavier masses of cast iron may be used. The Contractor has the option of using precast manholes, as approved by the Engineer. Steps shall be installed in all manholes when specified in the plans or when "H" is equal to or greater than 1 800 mm. Steps shall comply with the requirements of the KDOT Standard Specification.



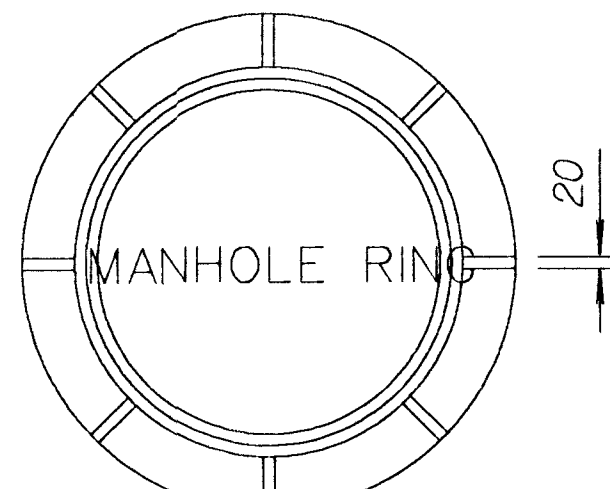
MANHOLE COVER TYPE A & B (Mass=61 kg; without 6 mm Crown= 57 kg)



TYPE A

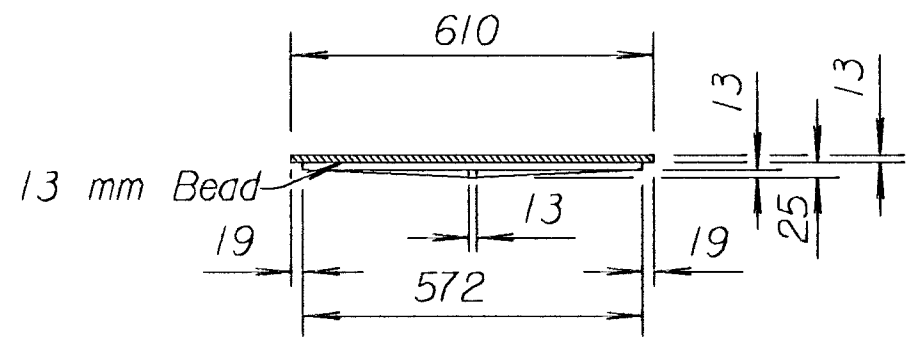


TYPE B

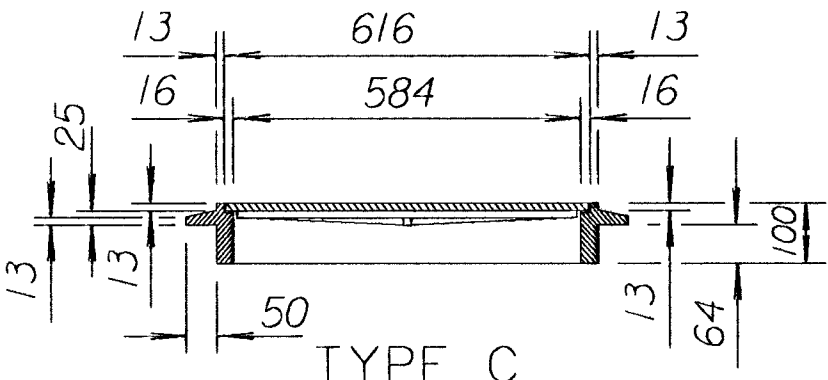


(Type A Ring= 87 kg, Type B Ring= 90 kg)

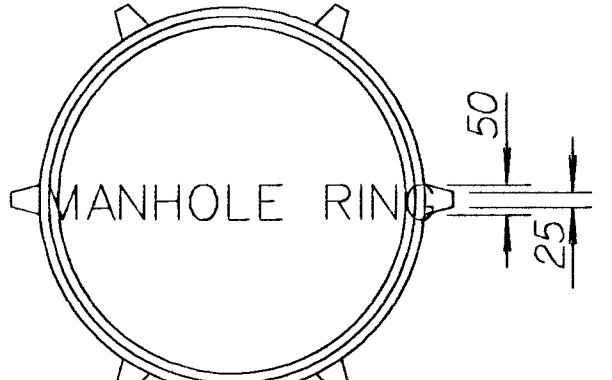
HEAVY TYPE MANHOLE COVER AND RING Note: Either Type A or Type B may be used.



MANHOLE COVER TYPE C (Mass= 29 kg)



TYPE C



(Mass= 24 kg)

*LIGHT TYPE MANHOLE COVER & RING *Rings with four equally spaced lugs will be permitted.

3					
2					
1					
NO.	DATE	REVISIONS	BY	APP'D	
KANSAS DEPARTMENT OF TRANSPORTATION					
REINFORCED CONCRETE MANHOLE					
RD730 SI					
FHWA APPROVAL	1-10-95	APP'D. James O. Brewer			
DESIGNED	TRACED	QUANTITIES	DESIGNED	TRACED	QUANTITIES
DESIGN CK.	DETAIL CK.	QUAN. CK.	DESIGN CK.	DETAIL CK.	QUAN. CK.