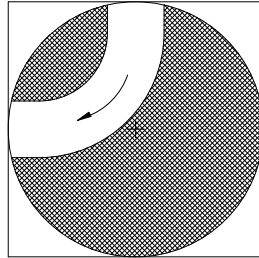
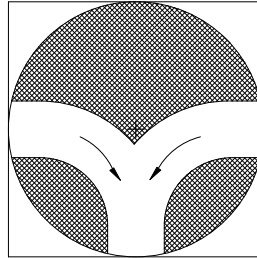


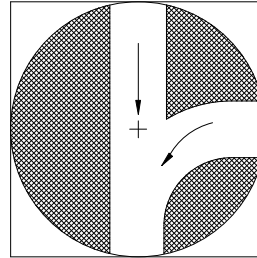
## Manhole Benching Details



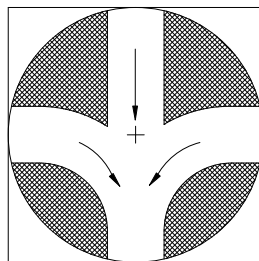
1.Right angle bend



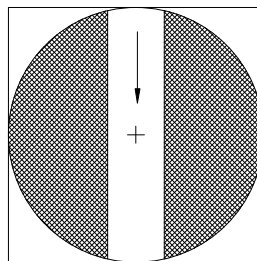
2.Tee connection



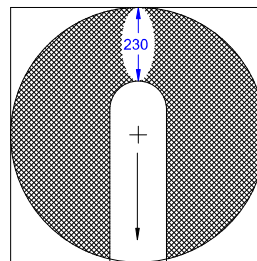
3.Three way junction



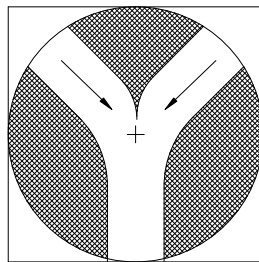
4.Four way junction



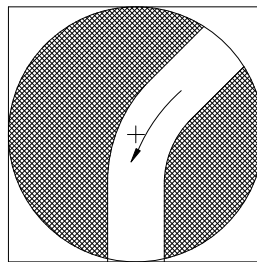
5.Straight through



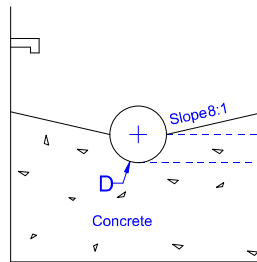
6.Dead end



7.Wye connection



8.45°bend



Section

MAXIMUM SIZE HOLE IN THE WALL IN PRECAST RISER SECTIONS					
nom. diameter mm	no.1-4 mm	no.5&6 mm	no.8 mm	no.7	
				inlet hole mm	outlet hole mm
1200	700	860	780	700	860
1500	860	1170	960	860	1170
1800	1170	1420	1220	1170	1420
2400	1420	1930	1760	1420	1930

### Notes:

- Concrete to be 20MPa compressive strength.
- Benching to be given wood float finish, channel to be given steel trowel finish.
- All pipe must extend 300mm straight out from manhole wall before curvature begins.
- All dimensions are in millimetres unless otherwise shown.