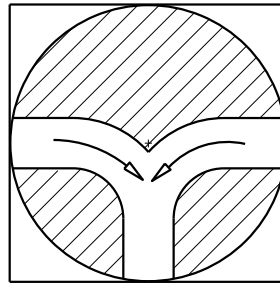
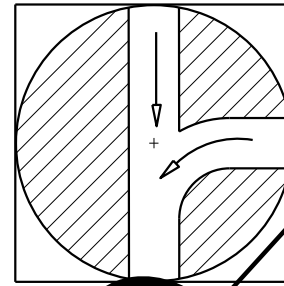


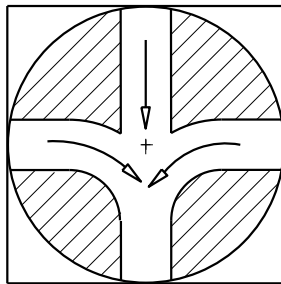
1. RIGHT ANGLE BEND



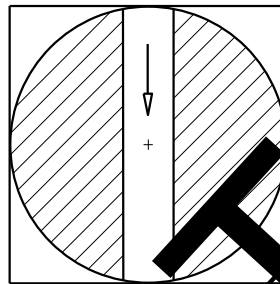
2. TEE CONNECTION



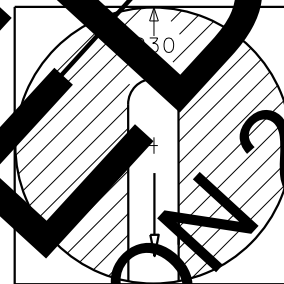
3. THREE WAY JUNCTION



4. FOUR WAY JUNCTION

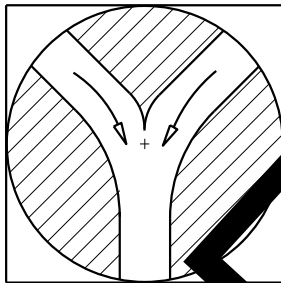


5. STRAIGHT THROUGH

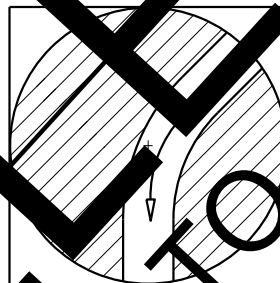


6. DEAD END

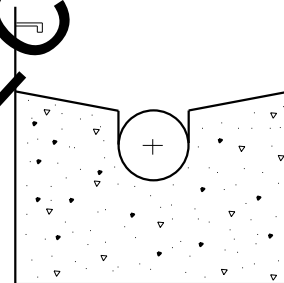
NO SERVICE CONNECTIONS DIRECTLY OFF DEAD-END



7. WYE CONNECTION



8. 45° BEND



9. PROFILE

NOM. DIM. OF RISER	MAXIMUM SIZE HOLE IN THE WALL IN PRECAST RISER SECTIONS				
	No. 1-4	No. 5 & 6	No. 8	No. 7	
				INLET PIPE	OUTLET PIPE
mm	mm	mm	mm	mm	
1200	700	860	780	700	860
1500	860	1220	960	860	1170
1800	1220	1485	1220	1220	1485

NOTE

1. CONCRETE TO BE 20 MPa COMPRESSIVE STRENGTH.
2. BENCHING TO BE GIVEN WOOD FLOAT FINISH, CHANNEL TO BE GIVEN STEEL TROWEL FINISH.
3. ALL CHANNEL MUST EXTEND 300 mm STRAIGHT OUT FROM MAINTENANCE HOLE WALL BEFORE CURVATURE BEGINS.
4. BENCHING TO BE CONSTRUCTED TO THE OBVERT OF THE PIPE.



**PUBLIC WORKS
STANDARD DRAWING**

REV. DATE: MAY 2009

REVISION NUMBER: FOR REVISION TRACKING REFER TO STD. DWG. 2-0-2

APPROVED BY

DRAWN BY

R.S.

A.M.

STD. DWG. NUMBER

SCALE

2-1-4

N.T.S.

MAINTENANCE HOLE BENCHING DETAILS