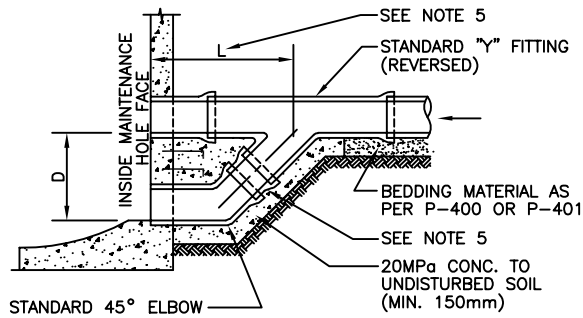
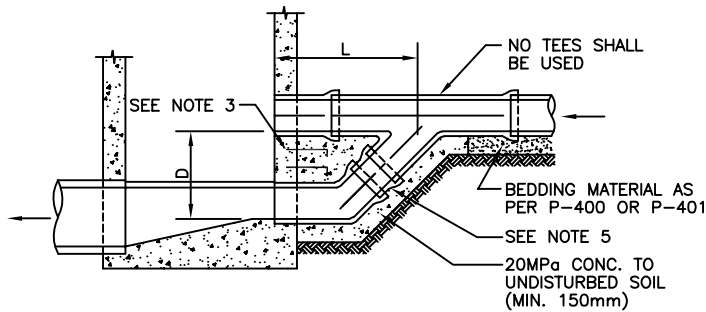
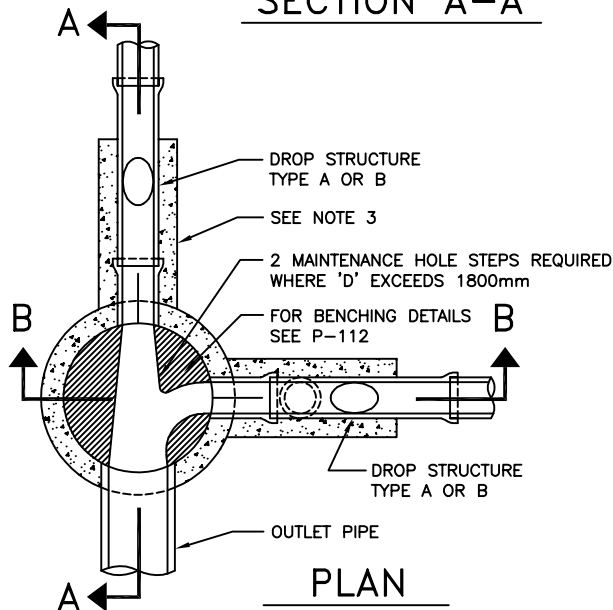




TYPE A



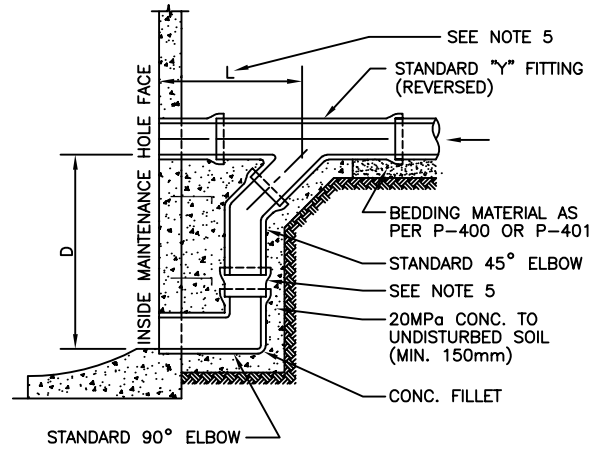
SECTION A-A



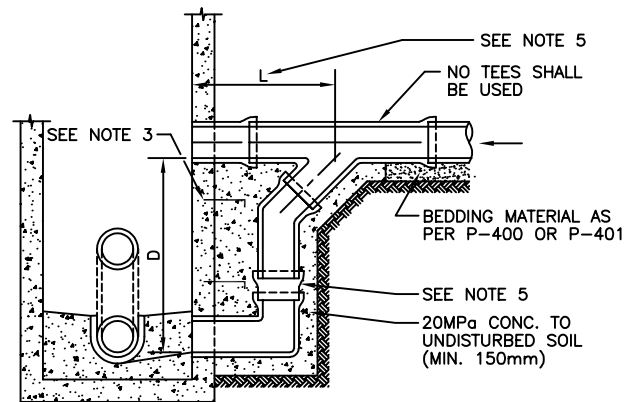
PLAN

TABLE OF MINIMUM DIMENSIONS AND MAXIMUM VELOCITIES					
DROP PIPE DIAMETER	TYPE "A"		TYPE "B"		MAX. VELOCITY (m/s)
	"D"	"L"	"D"	"L"	
200	600	750	1200	1050	1.42
250	636	801	1275	1050	1.55
300	699	900	1425	1125	1.70
375	900	1125	1875	1200	1.92
450	975	1200	2025	1275	2.16
525	1050	1275	2175	1425	2.36
600	1125	1350	2400	1500	2.53
675	1200	1425	2475	1575	2.69
750	1275	1500	2625	1650	2.83

All dimensions are in millimetres unless otherwise noted.



TYPE B



SECTION B-B

NOTES :

- 1 FOR SEWER SIZES UP TO 450mm DIA. THE DROP PIPE SHALL BE THE SAME SIZE AS THE INLET PIPE. FOR SEWER SIZES GREATER THAN 450mm THE DROP PIPE SHALL BE ONE SIZE SMALLER THAN THE INLET PIPE.
- 2 OBVERT OF THE DROP PIPE SHALL BE LEVEL WITH THE OBVERT OF THE OUTLET PIPE AND BENCHED TO THE OBVERT OF THE OUTLET PIPE.
- 3 DROP STRUCTURE TO BE ENCASED IN A MINIMUM OF 150mm OF 20MPa CONCRETE. MAINTENANCE HOLE STEPS TO BE PROVIDED ON THE OUTSIDE FACE OF THE MAINTENANCE HOLE. DROP STRUCTURE TO BE STRAPPED TO THE STEPS WITH STAINLESS STEEL BANDS.
- 4 MAXIMUM VELOCITIES SHOWN IN THE TABLE INDICATE THE MAXIMUM FLOW VELOCITY IN INCOMING PIPE WITHOUT OVERSHOOTING.
- 5 ADJUSTMENT IN "D" AND "L" TO BE MADE THROUGH THIS SECTION OF PIPE.
- 6 ALL CONCRETE IN THE DROP STRUCTURE TO BE 20MPa AT 28 DAYS.
- 7 MINIMUM DIMENSIONS BASED ON USE OF THE STANDARD CONCRETE FITTINGS.

City of Pickering		Engineering Services Department	
DRAWN P. NEUMAN	DROP STRUCTURES FOR MAINTENANCE HOLES	REVISION NO. 2	
APPROVED R. W. HOLBORN		DATE JULY 2003	
DATE JANUARY 1993		P-110	