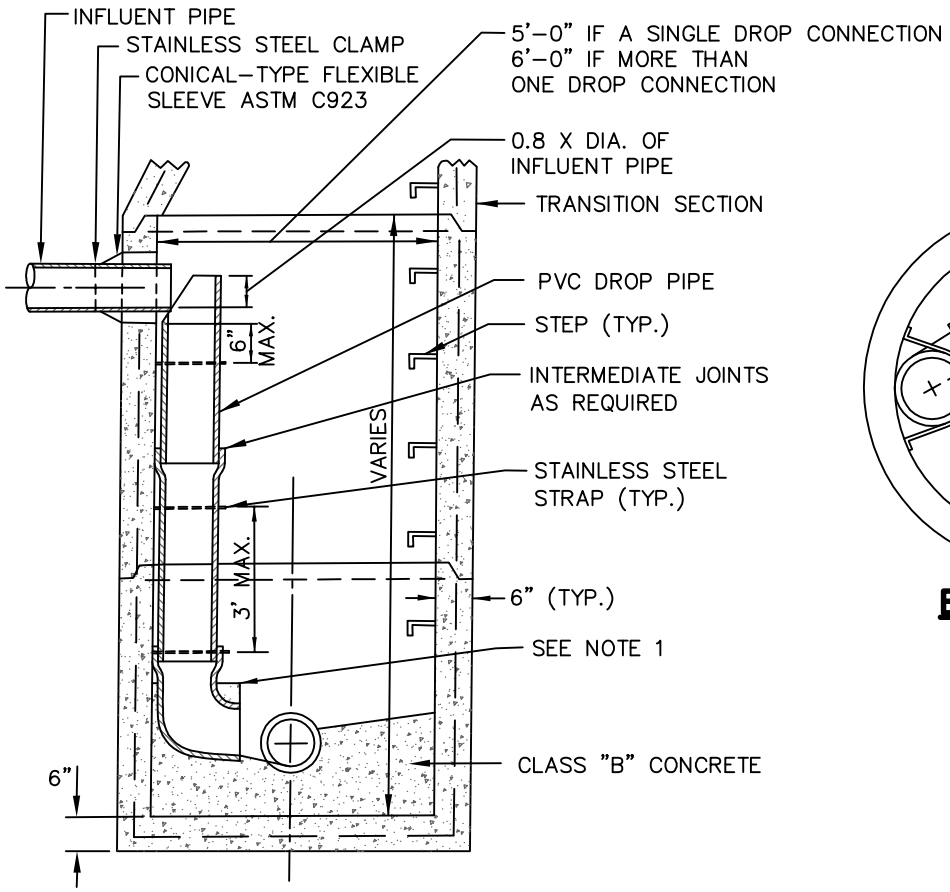

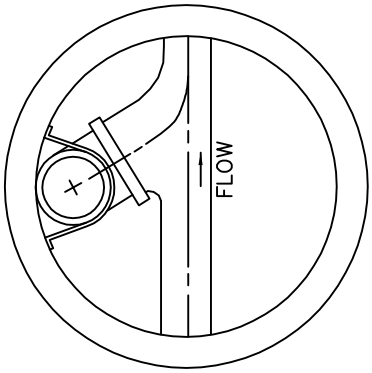

BASE DETAIL

1. INVERT OF DROP PIPE ELBOW MUST BE BETWEEN 0.1 AND 0.2 FEET HIGHER THAN THE INVERT OF THE OUTLET PIPE BENCH ELEVATION AT CHANNEL EDGE. PROVIDE 3" MIN. CONCRETE COVER OVER ELBOW.

2. NOMINAL DIAMETER OF P.V.C. DROP SECTION TO BE 2 INCHES LARGER THAN THE INFLUENT PIPE DIAMETER.

3. 304 STAINLESS STEEL STRAPS TO BE FASTENED TO MANHOLE WALL BY MEANS OF 3/8" STAINLESS STEEL STUDS SET IN MANHOLE WALLS. NUTS, WASHERS AND STUDS TO BE 304 STAINLESS STEEL.

4. STAINLESS STEEL STRAPS TO BE INSTALLED WITHIN 6" OF THE INFLUENT PIPE, THE DROP PIPE ELBOW AND 6" EACH SIDE OF ANY INTERMEDIATE JOINTS. STRAP SPACING MUST NOT EXCEED 3'–0" ON CENTER.

5. ALL INTERMEDIATE JOINTS MUST BE BELL AND SPIGOT TYPE EMPLOYING AN ELOSTOMERIC RING GASKET IN ACCORDANCE WITH A.S.T.M. D–3212. PIPE SHALL BE JOINED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

6. INTERIOR WALLS MUST BE COATED WITH COAL TAR EPOXY MEETING SPECIFICATION C–200(A) OR SSPC–PAINT 16. EPOXY COATING TO BE APPLIED IN TWO COATS WITH MINIMUM DRY FILM THICKNESS OF 18 MILS.

7. IF DROP CONNECTION IS MADE TO EXISTING MANHOLE, THE HOLE FOR THE NEW PIPE MUST BE MADE BY CORING. THE BENCH MUST BE MODIFIED AS REQUIRED TO ALLOW THE INSTALLATION OF THE DROP PIPE BELOW TO MEET THE SPECIFICATIONS INDICATED ABOVE. IF GROUT IS REQUIRED TO BE PLACED, IT MUST BE NON–SHRINK GROUT. THE CONTRACTOR MUST USE SIKA CONCRETE BONDING AGENT TO BOND GROUT TO EXISTING CONCRETE SURFACES. ALL WORK TO COMPLY WITH MANUFACTURERS RECOMMENDATIONS FOR APPLICATION.

8. MANHOLE TO MEET ALL GENERAL REQUIREMENTS FOR MANHOLE CONSTRUCTION SHOWN ON OTHER DETAILS, INCLUDING BUT NOT LIMITED TO THE REQUIREMENT FOR 12" OF CRUSHED STONE PLACED UNDER THE MANHOLE.

REVISED 7–14–11	GENERAL REVISIONS
REVISED 12–13–02	CADD DRAWING BY GTS CONSULTANTS, INC.

DATE: JAN. 1991 DRAWN: G.G. & J.T.R. SCALE: NONE	LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY	INTERNAL DROP CONNECTION DETAIL	22