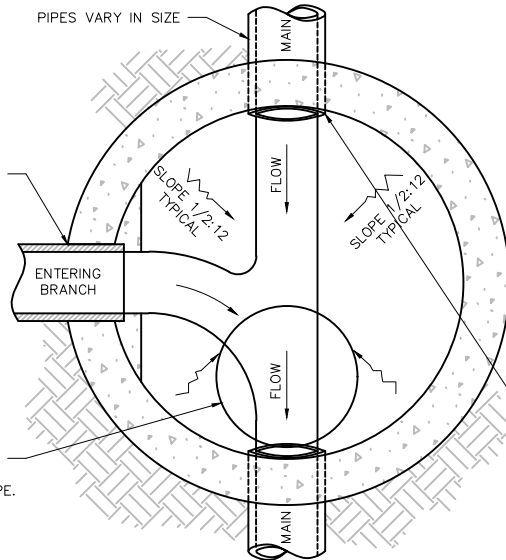


ELEVATION SECTION

3/4" GRAVEL FOUNDATION OUTSIDE SHAPE MAY BE IRREGULAR. MAXIMUM THICKNESS WILL DEPEND ON SPECIFIC SITE CONDITIONS.



SECTION A-A

- NOTES:
1. MANHOLE COVER AND LID TO BE D&L P/N A-1180-13 OR EQUAL. "SEWER"
 2. FLAT LIDS MAY BE USED IN LIEU OF ECCENTRIC CONES WHERE NECESSARY. FLAT LIDS SHALL BE OF ECCENTRIC DESIGN AND MEET H20 LIVE LOADING. NO FLAT RING AND COVERS WILL BE ALLOWED UNLESS APPROVED BY THE CITY ENGINEER OR HIS REPRESENTATIVE.
 3. FOR CAST-IN-PLACE BASES, CONCRETE SHALL BE PLACED AGAINST UNDISTURBED EARTH.
 4. ECCENTRIC CONES ARE TO BE ROTATED SUCH THAT MANHOLE OPENING IS CENTERED OVER OUTLET PIPE.
 5. CONCENTRIC CONES ARE TO BE USED ONLY WITH THE PERMISSION OF THE CITY ENGINEER OR HIS REPRESENTATIVE.
 6. WHEN 2 PIPES CONNECT TO A MANHOLE, A 4' DIAM. MANHOLE IS TO BE USED. WHEN 3 OR MORE PIPES CONNECT TO A MANHOLE, A 5' DIAM. MANHOLE WILL BE USED.
 7. CONCRETE FOR COLLARS SHALL UTILIZE FIBER MESH.
 8. PIPE INVERTS SHALL HAVE ONE-TENTH (0.10) FALL FROM INLET TO OUTLET WHEN PIPES ARE GRATER THAN 100' WHEN PIPES ARE 90' TWO-TENTHS FALL WILL BE REQUIRED.
 9. PIPE ALIGNMENTS UNDER 90' WILL NOT BE ALLOWED.