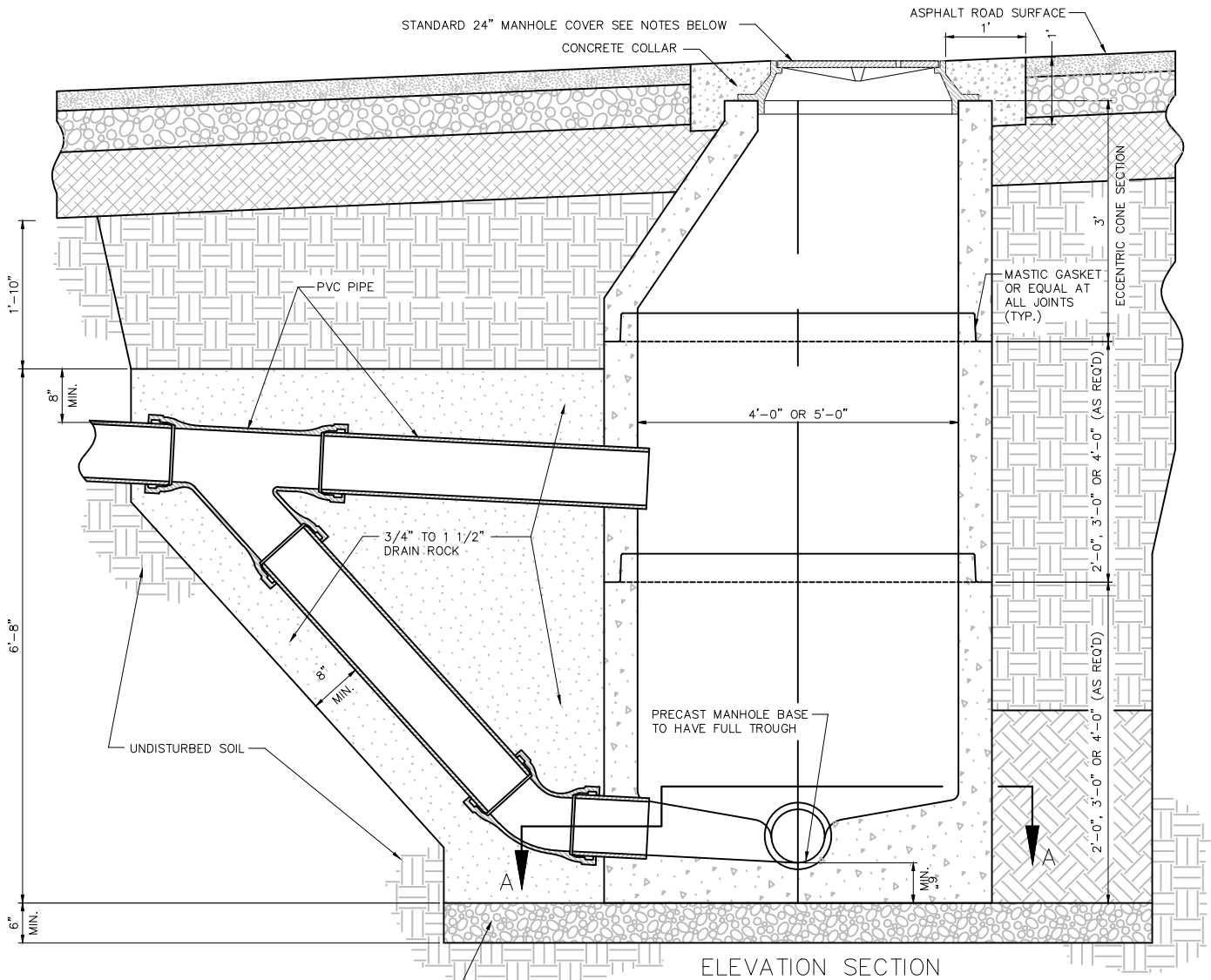


DETAILS ON THIS SHEET TO BE USED ONLY BY PERMISSION OF CITY ENGINEER



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

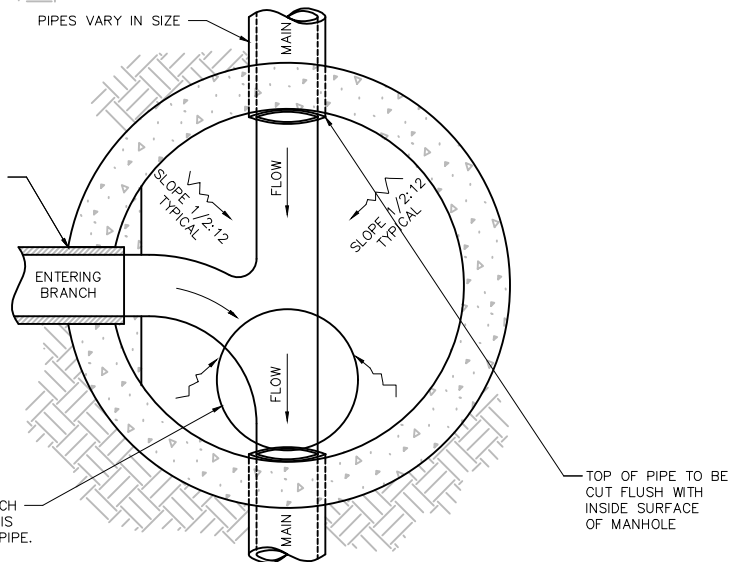
PIPES VARY IN SIZE

RUBBER BOOT CONNECTION BETWEEN PIPES AND MANHOLE REQUIRED

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 H₂O 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.

ROTATE ECCENTRIC CONES SUCH THAT THE MANHOLE OPENING IS CENTERED OVER THE OUTLET PIPE.



SECTION A-A

ALTERNATE DROP MANHOLE