



NOTES:

1. MANHOLE TO CONFORM WITH ASTM C-478, ASTM C-94, AND ASTM C-14.
2. ALL REINFORCEMENT SHALL BE GRADE 60.
3. ALL CONCRETE SHALL HAVE A 28 DAY ULTIMATE STRENGTH OF 4000 PSI.
4. 48" DIAMETER MANHOLE SECTIONS ARE AVAILABLE IN 1', 2', 3', & 4' SECTIONS.
5. SEE MANHOLE STEP DETAIL DRAWING S-2080.
6. STANDARD PRECAST BASE SLAB.
7. EXTENDED BASES WHERE REQUIRED BY THE GEOTECHNICAL ENGINEER.
8. CHANNELS SHALL BE 3/4 VERTICAL HEIGHT OF PIPE WITH A SMOOTH FINISH.
9. MANHOLE FRAME AND COVER AS PER DETAIL DRAWING-2055.
10. ALL PIPES ENTERING OR EXITING SHALL BE WATER TIGHT.
11. RUBBER GASKET JOINT SHALL CONFORM WITH ASTM C-433.
12. MAXIMUM FALL BETWEEN INVERTS IS 1.5'. MINIMUM FALL BETWEEN INVERTS IS 0.2'.
13. 8" MINIMUM BETWEEN PIPE ACCESS HOLES INTO MANHOLE. DISTANCE MEASURED AT OUTSIDE OF MANHOLE OR PER MANUFACTURERS RECOMMENDATION.
14. PIPE ACCESSES INTO MANHOLES SHALL BE PRE-FORMED OR CORE DRILLED. HOLE SIZE TO EQUAL PIPE O.D. PLUS MANHOLE WALL THICKNESS.
15. 48" PRECAST MANHOLE TO BE USED FOR PIPE 24" OR LESS IN DIAMETER.

Detail Drawing may not be altered or changed in any manner except by the Public Works Director. It is the responsibility of the user to acquire the most current version.

CITY OF MOLALLA
DEPARTMENT OF PUBLIC WORKS



SHALLOW MANHOLE
Less Than 5 Feet

DRAWN BY	PDG	04/2016
CHECKED BY	JC	04/2016

S-2025