



NOTES:

1. SEWER MANHOLE TO BE PREFORMED RUBBER O-RING GASKET DESIGN ONLY. ALL MANHOLES SHALL CONFORM WITH ASTM C-478.
2. PREFORMED RUBBER O-RING GASKETS SHALL CONFORM WITH AASHTO M 315 AND ASTM C-443.
3. MANHOLE FRAME AND COVER AS PER DETAIL DRAWING S-2055.
4. ALL PIPES ENTERING OR EXITING SHALL BE WATER TIGHT.
5. CHANNELS SHALL BE 3/4 VERTICAL HEIGHT OF PIPE WITH A SMOOTH FINISH.
6. 1 8" MAXIMUM DROP BETWEEN INVERTS AND MIN. 0.20' FALL BETWEEN INLETS AND OUTLET.
7. 8" MINIMUM BETWEEN PIPE ACCESS HOLES INTO MANHOLE. DISTANCE MEASURED AT INSIDE OF MANHOLE OR PER MANUFACTURERS RECOMMENDATIONS.
8. PIPE ACCESSES INTO MANHOLES SHALL BE PREFORMED OR CORE DRILLED. HOLES SIZE TO EQUAL PIPE O.D. PLUS MANHOLE WALL THICKNESS. NO SAWING OR BREAKING OF MANHOLE SECTIONS IS ALLOWED.
9. MINIMUM HEIGHT OF STANDARD MANHOLE TO BE 5'.
10. ALL INTERIOR JOINTS AND CONNECTIONS SHALL BE WATERTIGHT AND GROUTED WITH NON-SHRINK GROUT. SANITARY MANHOLES SHALL BE VACUUM TESTED.
11. GRADE RINGS AND CONE SECTION SHALL BE DESIGNED TO WITHSTAND AASHTO H-20 LOADS.
12. SEE MANHOLE STEP DETAIL DRAWING S-2080.
13. STANDARD MANHOLE TO BE USED OVER EXISTING MAINS AND FOR PIPE 24" OR LESS IN DIAMETER.
14. RAINSTOPPER MANHOLE INSERT, OR APPROVED EQUAL, REQUIRED ON ALL SANITARY SEWER MANHOLES. SHALL BE MADE OF DURABLE PLASTIC. USE 25" MODEL G FOR 6" X 24" MH F&C.
15. INSTALL TRACER WIRE THRU CONE OR TOP BARREL SECTION PICK HOLES. RUN WIRE UP OUTSIDE WALL FROM TOP OF PIPE TO PICK HOLES AND LEAVE A 24' LONG LOOP ACCESSIBLE FROM SURFACE AND NOT CREATING AN TANGLE HAZARD. SECURING TO MANHOLE STEP NEXT TO INSIDE WALL IS PREFERRED.

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



STANDARD MANHOLE DETAIL
SANITARY AND STORM

DRAWN BY	GF	01/2020
CHECKED BY	GF	01/2020

S-2005