



TYPE 1 MANHOLE

TYPE 3 MANHOLE

For use only when manhole height is less than 5 feet

NOTES:

1. PRECAST MANHOLES SHALL MEET THE REQUIREMENTS OF ASTM C478. JOINTS SHALL BE RUBBER GASKETED CONFORMING TO ASTM C443 AND SHALL BE GROUTED FROM THE INSIDE. LIFT HOLES SHALL BE GROUTED FROM THE OUTSIDE AND INSIDE OF THE MANHOLE.
2. STEPS IN MANHOLE SHALL HAVE 6" MINIMUM CLEARANCE. HANDHOLDS IN ADJUSTMENT SECTION SHALL HAVE 3" MINIMUM CLEARANCE. THE FIRST STEP OR HANDHOLD SHALL BE A MAXIMUM OF 12" FROM THE TOP OF THE COVER.
3. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MINIMUM.
4. ALL MANHOLES SHALL BE COATED WITH RAVEN 405 COATING ON ALL INTERIOR SURFACES.
5. CONNECTION TO MANHOLE SHALL BE MADE BY KOR-N-SEAL BOOT, SAND COLLAR OR A-LOCK.
6. SEE STANDARD PLAN 3-03 FOR MANHOLE COLLAR INSTALLATION.
7. A "SEWER GUARD" SHALL BE INSTALLED IN ALL MANHOLES WITHOUT ERGO LID.
8. MANHOLES SHALL BE SIXTY (60) INCHES IN DIAMETER, UNLESS OTHERWISE SPECIFIED BY THE CITY.
9. ALL EXTERIOR JOINTS INCLUDING ADJUSTMENT RINGS SHALL BE WRAPPED WITH WrapidSeal™.
10. MANHOLES SHALLOWER THAN 5 FEET MEASURING FROM THE RIM TO THE INVERT SHALL HAVE A FLAT TOP.

APPROVED BY	REVISED DATE	CITY OF CENTRALIA	STD. PLAN NO.
CITY ENGINEER	06-2017	SANITARY SEWER MANHOLES	3-02