



**NOTES:**

- 1) THIS DETAIL IS FOR MANHOLES 60" DIA AND GREATER FOR PIPES LARGER THAN 24" DIA, UP TO 42" DIA. MANHOLE DIAMETER IS TO BE DETERMINED BASED ON PIPE DIAMETERS USED AND NUMBER OF INLETS.
- 2) BASE SECTION HEIGHT TO BE A MINIMUM OF 72" FROM CEILING OF BASE SECTION TO BOTTOM OF BASE SECTION. EXCEPTIONS TO THIS MAY BE ALLOWED ONLY FOR SHALLOWER MANHOLES WHERE ONLY A FLAT TOP BASE SECTION IS USED.
- 3) CONTRACTOR TO USE MINIMUM NUMBER OF RISER SECTIONS NEEDED.
- 4) WHERE INCOMING LINES ARE SMALLER THAN OUTGOING LINES, PIPE CROWN ELEVATIONS ARE TO MATCH OR BE HIGHER FOR INCOMING LINES.
- 5) ALL MANHOLE JOINTS ARE TO BE SEALED WITH BITUMASTIC. NO O-RING JOINTS ARE PERMITTED.
- 6) FLAT TOP SECTIONS MAY BE USED IN LIEU OF CONE TOPS IN SHALLOW MANHOLE APPLICATIONS. FLAT TOP SECTIONS TO HAVE 24" OPENING FOR MANHOLE COVER.
- 7) CHANNEL DEPTH IS TO BE 70% OF PIPE DIAMETER.
- 8) STONE BEDDING MAY BE REQUIRED TO BE DEEPER IN POOR SOIL CONDITIONS AT THE DIRECTION OF THE ENGINEER AND/OR PSA.
- 9) BENCH TO BE 3000 PSI CONCRETE.



# SEWER MANHOLE - 60" DIAMETER FOR 24" - 42" LINES

EFFECTIVE 05/2023

DETAIL NO. 302