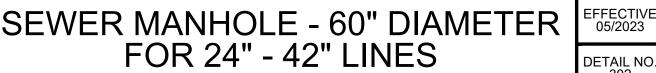


NOTES:

- 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.
- WHERE INCOMING LINES ARE 4) 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.
- CHANNEL DEPTH IS TO BE 70% 7) 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.



DETAIL NO 302

05/2023