



NOTES:

1. SEWER MANHOLE TO BE PREFORMED RUBBER O-RING GASKET DESIGN ONLY. ALL MANHOLES SHALL CONFORM WITH ASTM C-478.
2. CAST-IN-PLACE CONCRETE MANHOLE BASES MAY BE USED OVER EXISTING PIPELINES ONLY, UNLESS OTHERWISE SPECIFICALLY APPROVED BY THE CITY'S AUTHORIZED REPRESENTATIVE.
3. INSTALL MANHOLE IN ACCORDANCE WITH DETAIL NO. S-2005.
4. FOR MANHOLES GREATER THAN 48" IN DIAMETER, SEE LARGE CAST-IN-PLACE CONCRETE MANHOLE BASE DETAIL NO. S-2045.
5. PRIOR TO CONCRETE PLACEMENT, PORTIONS OF PIPE IN CONTACT WITH MANHOLE SECTION SHALL BE CLEANED AND AN APPROVED COMMERCIAL CONCRETE BONDING AGENT APPLIED. PLASTIC PIPE SHALL HAVE SAND APPLIED TO THE OUTSIDE OF THE PIPE USING AN APPROPRIATE SOLVENT CEMENT PRIOR TO PLACING CONCRETE BONDING AGENT.
6. RISER SECTION MUST BE CAST WITH DOGHOUSE TO ACCOMODATE PIPE. NO SAWING OR BREAKING OF THE RISER SECTION IS ALLOWED.
7. DEPOSIT SUFFICIENT CONCRETE ON THE BASE TO ASSURE A WATERTIGHT SEAL BETWEEN THE BASE AND THE MANHOLE WALL.
8. SUBSEQUENT MANHOLE RISERS MAY BE PLACED AFTER CAST-IN-PLACE CONCRETE HAS CURED FOR AT LEAST 24 HOURS.

Standard Cast-in-place Concrete Manhole Base

CITY OF
WILSONVILLE



DRAWING NUMBER: S-2015

DRAWN BY: SR

SCALE: N.T.S.

FILE NAME: S-2015.DWG

APPROVED BY: NK

DATE: 6/4/14

PUBLIC WORKS STANDARDS