

DETAIL NOTES:

1. THIS DETAIL REPRESENTS A DOGHOUSE MANHOLE INSTALLED OVER AN EXISTING SEWER MAIN WITH A PIPE DIAMETER OF TWENTY-FOUR (24) INCHES OR LESS. IN THE EVENT THE EXISTING SEWER MAIN HAS A PIPE DIAMETER IN EXCESS OF TWENTY-FOUR (24) INCHES, THE PRECAST MANHOLE RISER AND PRECAST ECCENTRIC CONE SHALL INCREASE TO FIVE (5) FOOT IN DIAMETER.
2. ALL PRECAST CONCRETE SHALL BE WET-SET. DRY-SET CONCRETE SHALL NOT BE AUTHORIZED, USED OR ACCEPTED.
3. FLEXIBLE MANHOLE SEAL ASSEMBLIES SHALL CONFORM TO ASTM C923 AND PERMIT AT LEAST AN EIGHT (8) DEGREE DEFLECTION IN ANY DIRECTION WHILE REMAINING WATER TIGHT. THEY SHALL BE MODIFIED FOR DOGHOUSE MANHOLE INSTALLATION AS FOLLOWS: (1) REMOVE THE EXISTING STRAPS, (2) CUT THE BOTTOM OF THE ASSEMBLY TO ALLOW THE ASSEMBLY TO WRAP AROUND THE EXISTING SEWER PIPE. (3) PLACE THE CUT AT THE BOTTOM OF THE PIPE. (4) REINSTALL STRAPS AND TIGHTEN IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
4. THE CENTERLINE OF THE MANHOLE AND COVER SHALL BE LOCATED OVER THE CENTERLINE OF THE SEWER MAIN TO ALLOW FOR ADEQUATE ACCESS FOR FUTURE CLEANING AND CCTV INSPECTION. DEVIATION FROM THIS SHALL BE DISCUSSED WITH THE CITY ENGINEER PRIOR TO A CHANGE MADE.
5. INSERTS FOR LIFTING MANHOLE RISER AND PRECAST ECCENTRIC CONE SHALL BE THOROUGHLY PLUGGED AND PARGED WITH MORTAR. THE MORTAR SHALL BE FINISHED SMOOTH AND FLUSH WITH ADJOINING SURFACES.

