

NOTES:

1. MANHOLES SHALL BE PRECAST ASTM C-478 BELL AND SPIGOT WITH "O" RING JOINTS.
2. SEE PLANS & MANHOLE SCHEDULE, FOR MANHOLE SIZE, LOCATION, CONFIGURATION, TYPE OF TOP SECTION, VENTING REQUIREMENTS, PIPE SIZE AND TYPES.
3. SEE SPECIFICATIONS ON MATERIALS AND CONSTRUCTION.
4. ENTIRE INTERIOR OF WASTEWATER MANHOLES AND UNDERSIDE OF FLAT TOPS TO BE "POLIBRID" COATED: 5 MIL DFT POLIBRID 672 PRIMER AND 75 MIL DFT POLIBRID 705 TOPCOAT.
5. AN 80 MIL COAT OF FOSROC EPOXY LINER HBS IS EQUIVALENT TO THE POLIBRID PRIMER / TOPCOAT.
6. ALL MANHOLE COVERS SHALL BE BOLTED AND GASKETED WHEN MANHOLES LOCATED OUTSIDE OF PAVEMENT.
7. MANHOLES TO BE VENTED ARE IDENTIFIED ON MANHOLE SCHEDULE. REFERENCE MANHOLE VENT DETAIL
8. MANHOLES TO BE DESIGNED TO RESIST LATERAL AND VERTICAL SOIL FORCES RESULTING FROM MANHOLE DEPTH. ADDITIONALLY, MANHOLES LOCATED IN PAVEMENT TO BE DESIGNED FOR HS-20 TRAFFIC LOADS.
9. MANHOLES LOCATED IN PAVEMENT SHALL HAVE BACKFILL COMPACTED TO 95% OF OPTIMUM AS DETERMINED BY TXDOT TEST METHOD TX114E. DENSITY REPORTS SHALL BE PROVIDED TO CITY FOR CERTIFICATION. AS AN ALTERNATIVE FLOWABLE FILL MATERIAL HAVING A STRENGTH f'_c RANGING FROM 300 TO 500 PSI MAY BE USED FOR BACKFILL.
10. COMPOSITE RINGS SHALL BE RUBBER COMPOSITE RISERS MANUFACTURED BY INFRA-RISER.

SCALE: NOT TO SCALE




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These documents were prepared by,
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SECTION

WASTEWATER

DETAIL NO.

WW-12

TITLE

STANDARD MANHOLE SECTION