



NOTES:

1. MANHOLES SHALL BE PRECAST ASTM C578 BELL AND SPIGOT WITH "O" RING JOINTS.
2. SEE CONSTRUCTION PLANS FOR MANHOLE SIZE, LOCATION, CONFIGURATION, TYPE OF TOP SECTION, VENTING REQUIREMENTS, PIPE SIZES AND TYPES.
3. SEE SPECIFICATIONS ON MATERIALS AND CONSTRUCTION.
4. ENTIRE INTERIOR OF WASTEWATER MANHOLES TO BE COATED WITH RAVEN 405, OR APPROVED EQUAL, WITH A UNIFORM THICKNESS OF 124 MILS AND A MINIMUM THICKNESS OF 100 MILS, APPLIED AFTER MANHOLE HAS PASSED THE VACUUM TEST.
5. ALL MANHOLE COVERS SHALL BE BOLTED AND GASKETED, WHEN MANHOLES ARE LOCATED OUTSIDE OF PAVEMENT.
6. MANHOLES TO BE VENTED ARE IDENTIFIED ON MANHOLE SCHEDULE, REFERENCE MANHOLE VENT DETAIL.
7. A FLOW CHANNEL SHALL BE CONSTRUCTED INSIDE MANHOLE TO DIRECT INFLUENT INTO THE FLOW STREAM. ALL P.V.C. PIPE SHALL BE REMOVED FROM INVERT.
8. FRAME ADJUSTMENT HEIGHT SHALL BE FIVE INCHES (5") MINIMUM AND EIGHTEEN INCHES (18") MAXIMUM.
9. EXTERIOR OF EACH JOINT TO BE WRAPPED IN 6" EXTRUDED BUTYL ADHESIVE TAPE WHEN MANHOLE IS LOCATED INT EH 100-YR FLOODPLAIN.
10. MANHOLES TO BE DESIGNED TO RESIST LATERAL AND VERTICAL SOIL FORCES RESULTING FROM MANHOLE DEPTH. ADDITIONALLY, MANHOLES LOCATED IN PAVEMENT TO BE DESIGNED FOR H20 TRAFFIC LOADING.
11. BASE SECTION SHALL BE DESIGNED FOR H20 LOADING, PLUS EARTH LOAD AT 130 PCF.



CITY OF HUTTO
CONSTRUCTION STANDARDS AND DETAILS
STANDARD MANHOLE
SECTION
ENGINEERING & PUBLIC WORKS

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