



DROP MANHOLE 6'

NOTES:

1. SANITARY SEWER MANHOLE PRE-CAST UNITS SHALL MANUFACTURED AND TESTED IN ACCORDANCE WITH ASTM C 478.
2. SANITARY SEWER MANHOLE RISER SECTIONS AND CONES MAY BE REINFORCED. REINFORCED SECTIONS AND CONES SHALL BE IN ACCORDANCE WITH ASTM C 478 AND SHALL HAVE A MINIMUM WALL THICKNESS OF 4". UNREINFORCED RISER SECTIONS AND CONES SHALL HAVE A MINIMUM WALL THICKNESS OF 6".
3. JOINTS SHALL BE TONGUE AND GROOVE AND SHALL CONFORM TO ASTM C 478 SECTION 14.
4. AN IMPRESSION RING SHALL BE USED PRIOR TO INSTALLING THE FIRST RISER SECTION. PRECUT UNITS SHALL BE ASSEMBLED USING PREFORMED JOINT SEALING COMPOUND OR CLASS "B" MORTAR AND ALL JOINTS SHALL BE FINISHED.
5. INSTALL MANHOLE WATER STOP GASKET AND CLAMP ASSEMBLY ON ALL SANITARY SEWER PIPES.
6. INSTALL RAMNECK OR EQUAL ON ALL MANHOLE PRE CAST JOINTS. ALL RAMNECK JOINTS SHALL BE SMOOTHLY FINISHED WITH MORTAR.
7. REINFORCED CIRCULAR GRADE RINGS SHALL NOT BE INSTALLED MORE THAN 12 INCHES HIGH FROM TOP OF CONE TO BOTTOM OF CAST IRON FRAME.
8. LADDER STEPS SHALL NOT BE PLACED IN MANHOLE.
9. CONCRETE MANHOLE BASE AND COLLAR SHALL BE CLASS 520-C-2500.
10. FOR CHANNELIZATION OF INTERCEPTING LINES, PROVIDE SMOOTH TRANSITIONS (APPROX. 1'-8" INSIDE RADIUS) TOWARD DOWNSTREAM FLOW OF MAIN.
11. SAND BACKFILL OR SLURRY BACKFILL CLASS 100-E-100 AROUND THE MANHOLE TO TOP OF SUBGRADE.
12. DROP MANHOLES MAY BE CONSIDERED BY THE CITY ENGINEER ON A CASE BY CASE BASIS.

TITLE: STANDARD MANHOLE SECTIONS AND NOTES

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| DRAWN BY: STAFF | SCALE: NONE | APPROVED: | STANDARD PLAN |
| REVIEWED BY: DANNY HILLSTOCK | REVISED: OCTOBER, 2019 | <i>Danny Hillstock</i> | C-1-3 |
| CITY OF HOLLISTER ENGINEERING DEPARTMENT | | CITY ENGINEER: DANNY HILLSTOCK LIC. NO. 70647 | DATE 11-5-19 |
| | | | SHEET 3 OF 4 |