

1. SEWER FORCE MAINS LESS THAN 4 INCH IN DIAMETER SHALL BE PVC ASTM-D2241 SDR13.5 CLASS 315. ALL MAINS 4 INCH TO 12 INCH SHALL BE AWWA C-900, PRESSURE CLASS 200 PVC SDR14. FITTINGS 4 INCHES AND LARGER SHALL BE MECHANICAL JOINT CAST IRON. FITTINGS LESS THAN 4 INCH SHALL BE SLIP JOINT PVC PER SPECIFICATIONS. PVC PIPING SHALL BE INSTALLED WITH APPROVED COPPER LOCATING WIRE.
2. SANITARY SEWER MAINS SHALL BE PVC (ASTM D3034-SDR 35) WITH STONE BEDDING EXCEPT WHERE DUCTILE IRON PIPE OR LONG SPAN STEEL PIPE IS SHOWN. DUCTILE IRON PIPE SHALL BE BITUMINOUS COATED, CEMENT LINED WITH PUSH-ON JOINTS CONFORMING TO ASA A21.54 PC350. TRANSITIONAL COUPLINGS SHALL BE USED FOR PVC/DI SEWER CONNECTIONS. SEWER SERVICES SHALL BE SCHEDULE 40 PVC. LONG SPAN STEEL PIPE SHALL BE COATED ON BOTH SIDES ON BOTH SIDES WITH 4 MILS EPOXY. ANY SEWER LINE PLACED 16 FEET OR GREATER IN DEPTH SHALL BE DUCTILE IRON PIPE.
3. ALL SEWER MANHOLES SHALL BE PRE-CAST CONCRETE WITH INTEGRALLY CAST WATERTIGHT CONNECTIONS.
4. SANITARY SEWER LATERALS SHALL BE 4 INCH DIAMETER EXCEPT AS SPECIFICALLY NOTED.
5. CONTRACTOR SHALL STABILIZE ALL OUT OF STREET GRAVITY SEWER RIGHTS OF WAY WITH GRASS.
6. DIP SHALL BE IN ACCORDANCE WITH AWWA C150/A21.50 & AWWA C151/A21.51.
7. A CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED IN THE TRENCH FOR ALL BURIED PIPE. BACK-FILL MATERIAL SHALL BE TAMPED IN LAYERS AROUND THE PIPE AND TO A SUFFICIENT HEIGHT ABOVE THE PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE. STONES, OTHER THAN CRUSHED BEDDING, SHALL NOT COME INTO CONTACT WITH THE PIPE AND SHALL NOT BE WITHIN SIX (6) INCHES OF THE PIPE.
8. ALL OFF-SITE SEWER MANHOLES MUST BE A MINIMUM OF TWO (2) FEET ABOVE FINISHED GRADE OR THE 100 YEAR FLOOD PLAIN ELEVATION. ALL MANHOLE TOPS ARE TO BE BOLTED DOWN TO THE PRE-CAST HOUSINGS.
9. AN "S" MUST BE ETCHED INTO THE CURBING SHOWING THE LOCATION OF SEWER LATERALS.
10. MANHOLES MUST NOT BE PLACED WITHIN THE WHEEL-PATHS OF ANY ROADWAY TRAVELING LANES.
11. SEWER SERVICE LATERALS CONNECTING TO THE MAINLINE WITHIN 10' OF A MANHOLE MUST GO DIRECTLY INTO THE MANHOLE.
12. ALL SERVICE LINES REQUIRE INDIVIDUAL CONNECTIONS TO THE MAIN. MULTIPLE SERVICE LINES INTERCONNECTING WILL NOT BE ALLOWED.

REVISIONS

NO.	DATE	DESCRIPTION
1	11/07	ADDED NOTES
1	04/15	ADDED NOTES

**YORK COUNTY  
ENGINEERING  
STANDARDS**

**SEWER  
NOTES**

STD. NO.
10.03
DATE
09/06