

SEWER NOTES

1. SANITARY SEWER MAINS SHALL BE DUCTILE IRON PIPE EXCEPT WHERE PVC (ASTM D3034-SDR 35) OR LONG SPAN STEEL PIPE IS SHOWN. TRANSITIONAL COUPLINGS SHALL BE USED FOR PVC/DI SEWER CONNECTIONS. SEWER SERVICES SHALL BE SCHEDULE 40 PVC.
2. SEWER FORCE MAIN LESS THAN 4 INCH IN DIAMETER SHALL BE PVC ASTM-D2241 SDR 13.5 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.
3. 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.
4. TRANSITIONS BETWEEN PVC AND DIP SHALL BE AT A MANHOLE.
5. MAINTAIN 18 INCH VERTICAL SEPARATION BETWEEN STORM AND SANITARY SEWER OR INSTALL DUCTILE IRON PIPE ON SANITARY SEWER WITHIN 10 FEET EACH SIDE OF CROSSING WITH JOINT CENTERED ON CROSSING.
6. ALL SEWER MANHOLES SHALL BE PRE-CAST CONCRETE WITH INTEGRALLY CAST WATERTIGHT CONNECTIONS.
7. MANHOLES SHALL NOT BE PLACED WITHIN THE WHEEL-PATHS OF ANY ROADWAY TRAVELING LANES.
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 HOUSING.
9. SANITARY SEWER LATERALS SHALL BE 4 INCH DIAMETER EXCEPT AS SPECIFICALLY NOTED.
10. NO SEWER SERVICE LATERALS SHALL CONNECT TO THE MAINLINE WITHIN 10' OF A MANHOLE.
11. AN "S" MUST BE ETCHED INTO THE CURBING SHOWING THE LOCATION OF SEWER LATERALS.
12. CONTRACTOR SHALL STABILIZE ALL OUT OF STREET GRAVITY SEWER RIGHTS-OF-WAY WITH GRASS.
13. SEWER SERVICE PIPING LOCATED BEYOND THE CLEANOUT, PUBLIC RIGHT-OF-WAY LINE OR CITY UTILITY EASEMENT BOUNDARY SHALL BE PRIVATELY OWNED AND MAINTAINED BY THE PROPERTY OWNER.
14. REFER TO CITY OF ROCK HILL STANDARD SPECIFICATIONS AND DETAILS REGARDING SERVICE LINE AND PIPE MATERIAL.

CITY OF ROCK HILL
 UTILITIES DEPARTMENT
 757 S. ANDERSON ROAD
 ROCK HILL, SC 29730



STANDARD DETAIL

NOTES-SEWER

REVISIONS:	DATE:	FILE NAME
	FEB. 2018	10.03
	SCALE: N.T.S.	