

SECTION 7.00
SANITARY SEWER

7.01 GRAVITY SEWER MAINS

A. Design

All public sanitary sewer mains shall be designed in accordance with the "Sewer Extension Procedures, Standards, and Specifications for the Metropolitan Sewerage District of Buncombe County, North Carolina"

B. Installation

Where the required minimum separations cannot be maintained, ferrous sanitary sewer pipe with joints equivalent to water main standards must be used. However, the minimum separations shall not be less than 25 feet from a private well or 50 feet from a public water supply source.

1. Sanitary sewers shall be laid at least 10 feet laterally edge to edge from existing or proposed water mains unless the top of the sewer main is at least 18 inches below the bottom of the water main and there is a horizontal separation of at least 3 feet from the closest edges of the pipes.
2. Where sanitary sewers cross beneath water mains with a vertical separation of 18 inches or less or where water mains cross under sewer mains, the water main and the entire leg of sewer line shall be ductile iron pipe. The water line pipe shall be centered at the point of crossing and shall cross sanitary sewer lines at an approximate ninety (90) degree angle.
3. Sanitary sewers shall have the top of pipe at least 12 inches below the bottom of storm sewer pipe when the horizontal separation between the closest edges of the two pipes is 3 feet or less. Where sanitary and storm sewers cross with a vertical separation of less than 12 inches the entire leg of sanitary sewer shall be of water main standard ductile iron pipe.
4. There shall be a minimum 5 foot horizontal separation between parallel gravity and/or force mains.

END OF SECTION 7.00