

(3) Not over sixteen (16) feet center-to-center on grades exceeding fifty (50) percent.
(Ord. of 11-19-96, Ch. VI, § VI-7)

Sec. 22-118. Minimum and maximum cover.

All gravity sewers and force mains shall be provided with a minimum cover of not less than thirty-six (36) inches of earth cover, measured from established finished grades to the top of the pipe. Any sewer having less than three (3) feet or more than twenty (20) feet of cover from finished grade to top of pipe shall be ductile iron, minimum Class 50. Maximum cover shall not exceed that recommended by the pipe manufacturer for the specific installation requirements.
(Ord. of 11-19-96, Ch. VI, § VI-8)

Sec. 22-119. Manhole and cleanout locations.

A manhole shall be constructed at every change in alignment, grade, or pipe size. The maximum distance between manholes shall be four hundred (400) feet for sewers fifteen (15) inches or less and five hundred (500) feet for sewers eighteen (18) inches to thirty-six (36) inches. No house connection shall be made into any manhole. A cleanout shall be constructed at the end of every lateral, except when said lateral exceeds one hundred fifty (150) feet in length, in which case a manhole shall be constructed. All sewer lines eight (8) inches or larger shall terminate with a manhole.
(Ord. of 11-19-96, Ch. VI, § VI-9)

Sec. 22-120. Location of sewer lines.

As a general rule, sewer lines shall be placed in the street right-of-way. Sewer lines may be constructed on private property if it is the only feasible way to serve isolated properties, low lots, or to make necessary connection to another sewer. In this case, a utility easement of not less than fifteen (15) feet shall be provided for all lines on private property. Separation of sewers from water line shall adhere to the conditions of section 22-5 of these standard specifications with the additional provision that no sewer may be located within fifty (50) feet of a potable water well Class I or II. Where wells of a lesser class are encountered in addition to the required fifty-foot separation, any sewer line installed between fifty (50) and one hundred (100) feet of the well shall be constructed of AWWA-approved water pipe and no manholes can be located within one hundred (100) feet of these wells. Any sewer lines located closer than fifty (50) feet to a well must be pressure tested at ten (10) feet of hydraulic head with zero leakage. Under no circumstances can a sewer line be placed closer than fifteen (15) feet to any well.

(Ord. of 11-19-96, Ch. VI, § VI-10)

Sec. 22-121. Field tests.

(a) *Gravity sewers.* The owner or contractor shall conduct infiltration, exfiltration, and/or air tests as directed by the county and as per section 22-140 of these standard specifications. Tests shall be performed on each completed segment of the sewer, not to exceed one thousand (1,000) feet in length. All labor, equipment and material for the tests shall be furnished by the