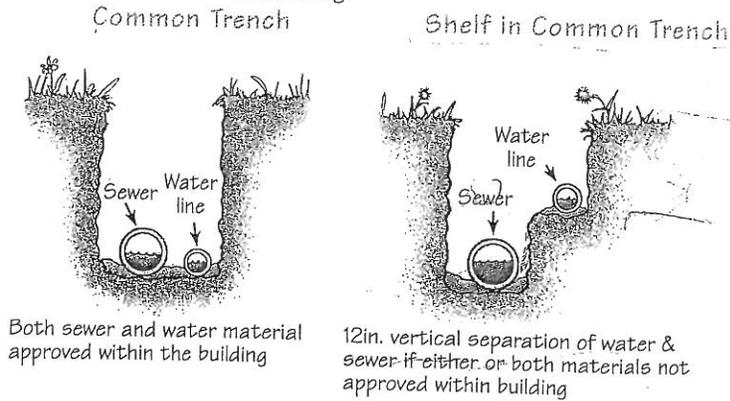


CHECK LIST FOR INSTALLED WATER AND SEWER LINES

2006 Virginia Residential Codes Plumbing Administration Chapter 25  
Water Lines

1. The minimum diameter of water service pipe shall be ¾ inches and should have a minimum working pressure rating of 160 psi.
2. Piping in common trench should be as following:



3. Water line depth should be 12 inches below the frost line. Pulaski County's required depth of water lines is 30 to 36 inches.
4. Pressure regulators are required when water pressure at structure exceeds 80 psi.
5. Backflow prevention device shall be installed at Mobile Home parks at each home.

Sewer Lines

1. The minimum diameter of sewer lines shall be 3 inches, however most sewer lines are 4 inches. PVC and ABC piping shall not be mixed with out a flexible Fernco's coupling.
  - The sewer line materials shall Schedule 40 ABS or PVC plastic pipe 3 inches to 4 inches in diameter.
  - The sewer line must be buried a minimum of 12" below finish grade, Pulaski County's required depth of sewer lines is 30 to 36 inches.
  - Sewer line must install a tracer: Nonmetallic sanitary sewer piping the discharges to public systems shall be locatable. An insulated copper tracer wire, 18 AWG minimum in size and suitable for direct burial or an equivalent product shall be utilized. The wire shall be installed in the same trench as the sewer within 12 inches of the pipe and shall be installed from within five feet of the building wall to the point where the building sewer intersects with the public system
  - The minimum slope of a horizontal drainage pipe shall be sized according to the following table 704.1

TABLE 704.1  
SLOPE OF HORIZONTAL DRAINAGE PIPE

SIZE (Inches)	MINIMUM SLOPE (inch per foot)
2½ or less	¼
3 to 6	⅛
8 or larger	⅓

- A cleanout must be placed within 18 inches of the building and a cleanout is required at each 45 degree change and every 100 feet.