

Specification Sheet for New or Replaced Sewer Lines on Private Property

- 1 Use approved sewer line materials such as **Schedule 40 ABS** plastic pipe or **ASTM 3034** (thick wall) **PVC** plastic pipe.
- 2 Connections to an existing cast iron or ABS house drain should be located at least 2 feet from the house and shall be made with a mechanical joint coupling or other approved connection.
- 3 When using bell end pipe, lay bell ends of pipe facing house.
- 4 Pipe should ideally run at a uniform slope of 1/4 inch to 1 foot of fall (2%).
- 5 Changes in direction of sewer line and cleanout risers should be made with Y's and 45 degree bends or combo TY's. **Do not use sanitary T's or short sweeps.**
- 6 A cleanout must be installed within 4 feet of the house, every 100 feet, and to protect any changes in direction over 135 degrees. Cleanouts must be readily accessible by extending them to near finish grade and must flow in the same direction as the sewer. **A cleanout the same size as the lateral it serves shall also be provided by the owner/developer at the property line or easement line. This cleanout must be installed in a Brooks RT1 Cleanout Box (9" circular concrete box with metal ring cover) for all new and replaced sewers.**
- 7 A plumbing permit is required for all sewer replacements and new installations. **Call 360.442.5090 for an inspection when piping is completed and before backfilling.** Do not backfill with materials that could damage or break the piping.

SEWER DIAGRAM EXAMPLE

