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Underground Utility Pipe Installation Specifications

For repairs associated with swimming pools and additions

All underground pipe installations, relocations and repairs require inspections from the Department of Public Works, 223-5115.

Sanitary lateral pipe shall be SDR-21, ASTM D-2241;

- Joints shall be water tight; no fernco or mission-type couplings
- SCH-40 fittings are permitted on SDR-21 when a bell fitting falls within 1 foot of solvent weld
- Excessive bends may require additional cleanouts as determined by the Code Enforcement Officer.
- All work must be inspected prior to cover

Storm lateral pipe shall be 6-inch SDR-35, ASTM D-3034;

- Joints shall be water-tight ASTM 3212
- All work must be inspected prior to cover

Downspout conductors shall be 4-inch SDR-35 ASTM D-3034;

- Maximum bend on horizontal shall be 45 degree; no tees permitted
- A minimum cover over the pipe shall be 3 feet from finish grade
- All work must be inspected prior to cover

Outside water service shall be Type K copper or PE-3408 plastic;

- Provide 6 inch of clean cushion sand
- Place tracer wire 12 inches above PE pipe
- Minimum cover over the pipe shall be 6 feet from finish grade