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This replaces section 603.2 of the IPC. Specification for water service line in Jefferson Utilities, Inc. for the separation of SINGLE FAMILY HOME water service line and building sewer lateral.

Water service line and building sewer shall be:

- A) separated by a minimum of two (2) feet [610 mm] horizontal with a twelve (12) inch [305 mm] vertical separation, between the top of the sewer line and the bottom of the water line, sleeved from the foundation to the water vault, if the building sewer is constructed of materials listed in Table 702.2 of the IPC.
- B) Ten (10) feet [3048 mm] horizontally of undisturbed or compacted earth sleeved from the water vault to the building foundation.

There shall be a minimum of six (6) inches [153mm] of suitable bedding {stone dust, sand, etc. approved by the water utility} under, over and around the water service line, sleeving pipe and sewer service pipe.

Water service line sleeving should be achieved by two (2) inch schedule 40 PVC for $\frac{3}{4}$ service line or for larger services the encasement pipe shall be 2" greater inside diameter than the outside diameter of the water service line or water service line coupling if such coupling is needed to be placed inside the encasement pipe.

If crossing of any utilities is unavoidable, at the discretion of the utility, the water service line will be sleeved from the foundation to the water vault constructed of materials with a minimum of 200 psi piping. Where any water service line crosses a path of vehicular traffic or public travel ways the line is required to be sleeved five (5) feet on either side of the edge of the travel path with materials listed in the IPC Table 702.2 Underground building drainage and Vent Pipe Material Standard.

Location of water service lines and sewer laterals as provided on site plan must be approved with the proper separation and constructed as such as approved by Jefferson Utilities, Inc.

Location of water crocks, curb stops and sewer clean outs will not be prohibited in paved, concreted surfaces, vehicular traffic ways or in public travel ways. Clean outs and other standards for construction of sewer laterals shall conform to the IPC.

A curb stop will be located between the meter vault and the property line.

The minimum sewer pipe size shall be four (4) inches and be either SDR21, SDR26 or SCH 40.

If existing water service is being eliminated (example: Row of townhouse services being converted to single family homes), services must be dug up to water main, shut off, capped and thrust. Service inspection is required once this is completed.