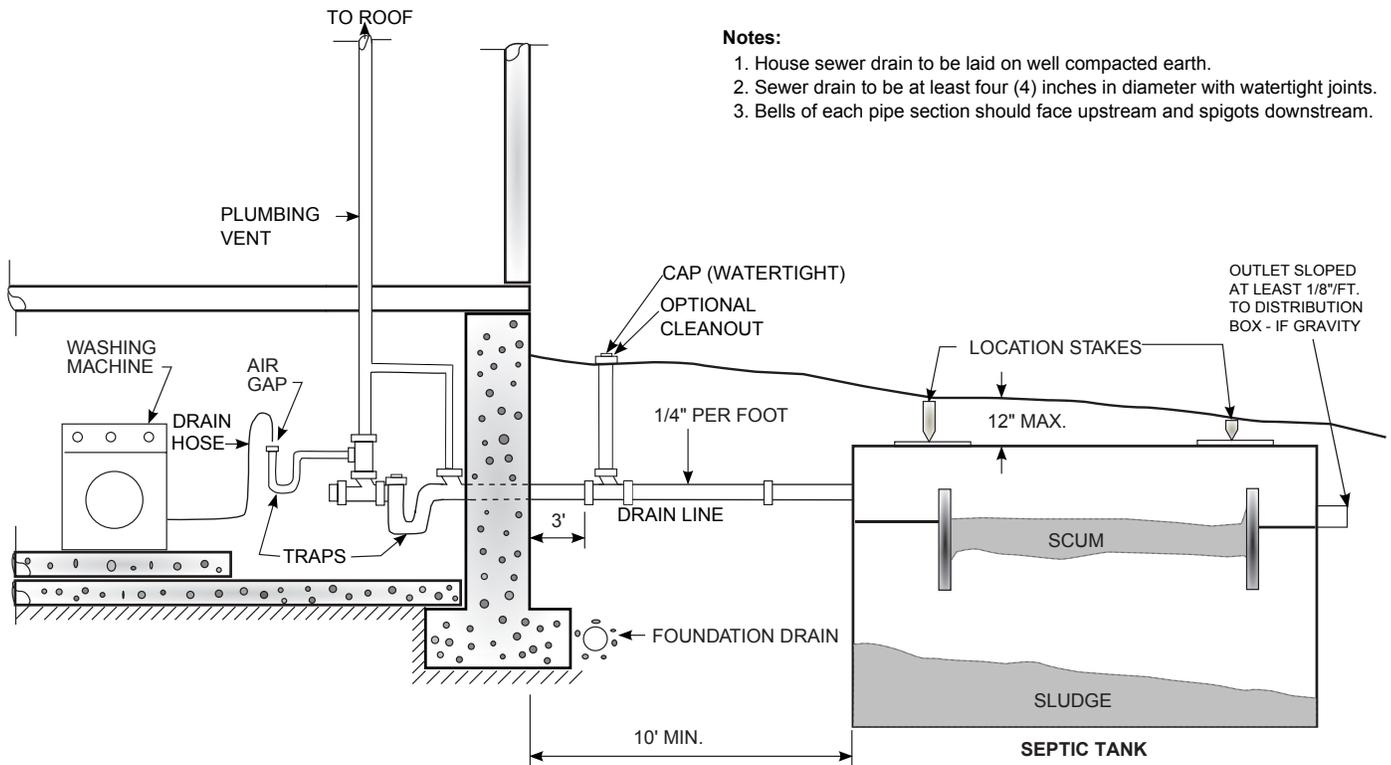


Details and Specifications #2 Piping and Distribution Box

ENVIRONMENTAL HEALTH DIVISION
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House plumbing, venting and house sewer drain connection to septic tank:



Notes:

1. House sewer drain to be laid on well compacted earth.
2. Sewer drain to be at least four (4) inches in diameter with watertight joints.
3. Bells of each pipe section should face upstream and spigots downstream.

Building Sewer:

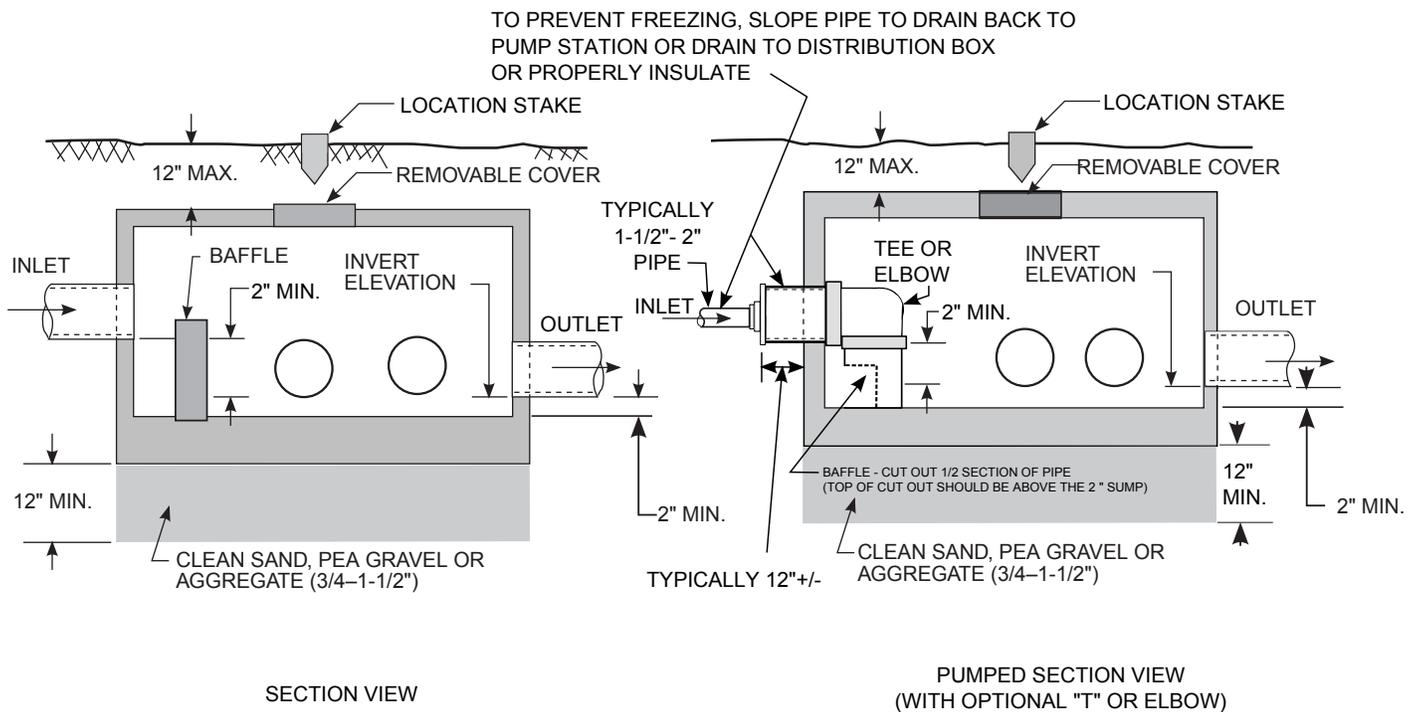
1. 4-inch diameter rigid pipe with watertight joints (i.e. cast iron or schedule 40 ASTM plastic) meeting the requirements of the State Uniform Fire Prevention and Building Code (9NYCRR, Parts 903 through 907 inclusive, and Part 1250).
2. 1/4-inch per foot slope.
3. House sewer drains should be installed with as straight an alignment as possible.
4. If bends are necessary, a maximum bend of 45 degrees shall be used and fitted with an appropriately installed clean out of the same size as the house sewer drainpipe.
5. At least one clean out must be provided and sewer lines greater than 50-feet long should be fitted with additional clean outs at intervals of about 50-feet.
6. The clean out should be properly capped/plugged for maintenance purposes and extended to the ground surface if provided outside the building.
7. Where local building code requires the use of a whole-house building trap on the sewer drain line, vent piping should be installed on the building drain from a point immediately downstream of the building trap to the vent stack to allow the septic tank gases to vent and facilitate aeration of the absorption field by negative pressure.
8. Minimum distance to all water sources is 50 feet.

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Effluent Pipe from Tank to Disposal Area:

1. 4-inch diameter rigid pipe is required unless leaving a pump station.
2. Watertight joints (rubber gaskets or solvent welded) are required from outlet of the septic tank over disturbed earth to solid earth.
3. The sewer line must be well supported to prevent settling.
4. Minimum slope 1/8-inch per foot unless leaving a pump station.

Distribution Box(s):



NOTE:

BAFFLE MAY BE REPLACED BY A
PVC TEE ("T") OR ELBOW

1. Baffle or pipe elbow tee required for siphon, pressure or pump station dosing or if inlet pipe slope exceeds 1/2-inch per foot.
2. Outlets must be at the same level and 2-inches below inlet and 2-inch above the box floor.
3. Box cover must be no more than 12-inches below final grade.
4. The box must be set on a 12-inch bed of sand or pea gravel.
5. 12-inches of aggregate (stone $\frac{3}{4}$ -1 $\frac{1}{2}$ -inches in diameter) may be used as bedding if speed levelers are used on all outlets.
6. Speed levelers are not necessary for dosing or pressure distribution systems.