

Sewer Installation or Replacement

- You must obtain a plumbing permit. This can be obtained from the state plumbing inspector's office.
- The minimum size of a house sewer shall not be less than 4 inch in diameter nor less than the house drain.
- The sewer pipe shall be laid on a grade of not less than one-eighth inch and no more than one-quarter inch of fall per foot.
- House sewers must be laid on at least 4 inches of pea gravel, sand or No. 57 gravel or smaller. If SDR pipe is used, it must have 6 inches of grillage on all sides and bottom for first test, with 6 inches of grillage on the top side of the pipe for the second test.
- A two-way clean-out shall be installed within 2 foot of the house. A riser pipe (extending from the clean-out) shall terminate with a female adaptor and plug installed flush with the ground surface.
- The house sewer shall be tested with water, air, smoke or other tests approved by the office. If you choose to test with a smoke bomb, you can blow the smoke with a hair dryer or leaf blower while the inspector witnesses the test. You must furnish the smoke bomb. These tests shall be made before the sewer is covered. These tests must be witnessed by the plumbing inspector.

Approved material for sewer piping is:

- Schedule 40 or 80 PVC or ABS plastic pipe labeled ASTM F-891
- Schedule 40 or 80 cellular core PVC labeled ASTM F-891
- Schedule 40 or 80 cellular core ABS labeled ASTM F-628
- SDR 35 and type PS-46 PVC labeled ASTM F-789-82
- PVC ribbed pipe labeled ASTM F-795
- Co-extruded composite PVC pipe labeled ASTM F-1488
- Service and extra heavy weight cast iron pipe labeled ASTM F-1488