

**4715.0510 WATER SERVICE PIPE.**

The following materials may be used for water service pipe:

A. Cast iron pipe 1C and 1D both with 1E fittings with the provisions that bends, tees, and plugs shall be anchored by rods. Poured in place concrete thrust blocks or anchor rods shall be used behind all changes of direction of 45 degrees or greater so as to maintain a water tight joint.

B. Steel pipe 2A, wrought iron pipe 2B, both with 2D and 2E fittings, with the provision that all exposed threads must be coal tar enamel coated and wrapped.

C. Red brass pipe 3A, and copper 3L, with 3C fittings, with the provision that every joint is supported by durable nonmetallic support and pipe to be laid on a continuous granular bed.

D. Copper tube 3E or 3G and 3D or 3N fittings.

E. Asbestos cement pipe 5A and fittings with the provision that this material be supported continuously and laid in granular soil and only in yard areas. Further that it not be used to convey extremely soft water, and shall pass through the floor within three feet of the outside wall.

F. Concrete pipe 5N.

G. Plastic pipe 6D, 6E, 6F, 6G, and 6I may be used for water service pipe only up to the water meter or pressure tank and provided there is no more than two feet of such piping exposed within the building. These materials shall be installed in accordance with ASTM D 2774, except that plastic pipe meeting AWWA C900 must be installed according to AWWA C605. Particular care shall be taken to avoid sharp edges in contact with the pipe and to provide for expansion and contraction. Plastic pipe must be installed in accordance with the manufacturer's installation instructions.

H. Ductile iron pipe 1L and 1M.

I. Fiberglass pipe 7A. Installation must be in accordance with the manufacturer's requirements, recommendations, and guidelines.

**Statutory Authority:** *MS s 16B.59 to 16B.75; 326.37 to 326.45; 326B.101 to 326B.194; 326B.43 to 326B.49; 326B.52*

**History:** *9 SR 1557; 11 SR 1405; 19 SR 590; 23 SR 686; L 2007 c 140 art 4 s 61; art 6 s 15; art 13 s 4; L 2008 c 337 s 64; 33 SR 2042; 36 SR 1479*

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