



**Boston Water and
Sewer Commission**

980 Harrison Avenue
Boston, MA 02119-2540

MATERIAL REQUIREMENTS

1. The following size and type of pipe shall be used for all building sewer and building storm drain connections. The minimum size is 6 inches. The material shall be Polyvinylchloride pipe or ductile iron (Class 56) for building sewer connections; and extra strength non-reinforced concrete (C-14) or Class IV reinforced concrete (C-76), or ductile iron (Class 56) for building storm drain connections. Polyvinylchloride pipe and fittings shall conform to ASTM standard specifications D3034 for pipes 6 inches to 15 inches, ASTM F679 for pipes 18 inches and larger. The PVC pipe shall have pipe diameter to wall thickness ratio (SDR) of a maximum of 35.
2. All main line sanitary sewers must be a minimum of 10 inches in diameter. All main line storm drains must be a minimum of 12 inches in diameter.
3. All water services up to and including 2-inch shall be copper Type K. All water services 4 inches and larger shall be ductile iron cement lined (Class 56).
4. Applicants shall reference Sections C1, C4 and D1 under Construction Specifications. These sections provide material and construction specifications related to Ductile Iron Pipe and Fittings, Service Pipes and Sewer and Drain Pipes.

Requirements for Site Plans April 2009