

PLUMBING AND DRAINAGE

MATERIALS AND WORKMANSHIP

Where no particular grade or brand of materials is specified, the best grade obtainable for the purpose shall be furnished.

All work shall be done in accordance with and be subject to all state, city and local ordinances and requirements.

The contractor shall obtain and pay for all necessary permits, fees and licenses.

CAST IRON SOIL PIPE AND FITTINGS

All cast iron soil pipe and fittings used in this work shall be "extra heavy" and shall conform to the state or local sanitary codes. Where drainage lines extend through and beyond outside walls, or where they are buried below ground or on fill within the walls, the pipe shall be ductile iron as specified under PLANT AND YARD PIPING.

CAULKED JOINTS

All caulked joints shall be made according to the best standard practice, using jute packing and lead. The lead shall be run at one pouring and the joint shall be thoroughly and completely filled. No second pouring or driving of cold lead shall be done. Joints shall be thoroughly caulked to make a tight joint, but care shall be taken not to overstrain the bells.

VITRIFIED CLAY PIPE

Vitrified clay pipe shall conform to the Tentative Specifications for Standard Strength Clay Sewer Pipe, ASTM C13-57T, or unglazed V.C. pipe standard strength, ASTM C261-60T.

The joints in the pipe shall be Type III Joint using resilient materials conforming to ASTM C-425-58T Tentative Specifications for Vitrified Clay Pipe Joints Using Materials Having Resilient Properties.

FLOOR DRAINS

Floor drains shall be cast iron with brass strainer, 3" or 4" as shown on plans with a separate cast iron "P" trap.