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### **WATER SERVICE CONNECTIONS**

- I. Supervision – No water service connection or disconnection shall be made except under permit after payment of such fee as is hereinafter prescribed and under the supervision, control and approval of the Authority. In addition to all other connections and disconnection, the provisions of this section shall apply to connection and disconnection of mobile homes to the system including connections to the system where another mobile home had been placed.
- II. Service Lines – Service lines not already installed shall be constructed according to the specifications of the authority and of the materials hereinafter prescribed from the water main to the property line **at the expense of the property owner.**
- III. Material Specifications –
  - a. Service Lines – the Contractor shall use new, Type K copper tubing, conforming to ASTM B-88.
  - b. Service Saddles – Will be permitted only where the diameter of water main and the diameter of the corporation stop warrants the need for a service saddle. Saddles shall be equal to Ford Style 202, double strap, brass.
  - c. Corporation Stops – Shall be no-lead brass, equal to Ford FB1000 ball type, CC taper thread x Quick Joint compression connection.
  - d. Curb Stops – Shall be no-lead brass, equal to Ford B44 ball valve, with Quick Joint compression connections.
  - e. Curb Boxes – Shall be cast iron, equal to Tyler Pipe Co. number 93-E.
  - f. Fittings – All service fittings shall be installed at a location approved by the Authority. Fittings shall be no-lead brass, equal to Ford Quick Joint compression fittings, 44 Series.
- IV. Laying, Bedding and Covering Pipe
  - a. Pipe, fittings and valves shall be carefully handled and lowered into the trench. The ends of the pipe shall abut against each other in such a manner that there shall be no shoulder or unevenness on the inside of the main.
  - b. Special care shall be taken to insure that the pipes are well bedded on a solid foundation, and any defects due to settlement shall be made good by the Contractor at his own expense. All pipes shall have either ½" clean stone (no limestone products), clean soil, or sand bedding and cover. The bedding shall extend six (6) inches below the bottom of the pipe and shall extend a minimum of six (6) inches from each side of the pipe. The pipe shall also have a minimum of six (6) inches of the same material over top of the pipe.
  - c. The pipe is required to have a minimum cover of 3 ½ feet from the top of the pipe to the finished surface grade. Any water line installed to a depth of more than five (5) feet must be approved by the Authority prior to installation.
  - d. Proper and suitable tools and appliances for the safe and convenient handling and laying of pipes and fittings shall be used. Great care shall be taken to prevent the pipe lining and coating from being damaged, and any lining or coating damaged in any way shall be repaired to the satisfaction of the Authority by the Contractor.