

#### **4.11 MATERIALS**

All materials used must meet the minimum requirements of the State of Minnesota Plumbing Code.

The following materials may be used for that part of the connection from the property line to the public sewer:

- a. Extra Strength Vitriified Clay Pipe, ASTM C-700, where the fill over the pipe is less than 20.0 feet.
- b. Reinforced Concrete Pipe, conforming to ASTM C-76 for pipe sizes 12 inches or greater. For the class of RCP, the supplier's recommendation should be used. Class IV pipe shall be the minimum for 12 inch diameter sewers.
- c. Cast Iron Pipe, conforming to ASTM-74. This material is required in the street where the water service is planned to be laid within 10 feet or less of the sewer connection.
- d. Polyvinyl Chloride (PVC) pipe, Schedule 40, C-900 or SDR 26 unthreaded conforming to ASTM Standard D-2665.

Materials other than those listed above may not be used unless the Sewer Utility gives approval for their use in writing.

#### **4.12 METHOD OF LAYING PIPE**

All house connections within public streets shall be constructed with the bell end upstream, and laying should proceed in every case from the downstream end to the upstream end. The pipe shall be carefully bedded so that the bottom third of the pipe