

## Section 2. Construction Standards

Water Piping Appurtenances: construction and installation of water piping, including mains, services and all appurtenances, shall comply with the specifications and requirements stated herein.

### 2.1 Reference Drawings

Prior to construction, the OWNER shall consult with the Water Department and obtain the Superintendent's approval of the location of the main and water service. An OWNER requiring a service line greater than an inch in diameter shall submit a plan to the TOWN to show the layout of the work prior to any construction. The plan designed and stamped by a Registered Professional Engineer shall show the specific location of the water piping as approved by the Water Department.

### 2.2 As-Built Drawings

An OWNER requiring a service line greater than an inch in diameter shall, at the completion of work, supply the TOWN with 2 sets of plans showing the as-built location of the water piping and appurtenances. The as-built plans showing the location shall be to an accuracy of plus or minus 0.5 foot in plain view and must show ties of the water main and connection to nearby permanent structures.

For OWNERS requiring a service line of less than an inch in diameter, at the time of installation inspection, the Superintendent will take measurements and complete a sketch to identify the water line location to be filed with the TOWN.

### 2.3 Installation of Water Pipe

(a) Water pipe must be laid on a minimum 6 inch bedding of sand and surrounded with a minimum 12 inch layer of compacted sand or other select materials which are approved by the Department. A minimum of 3 feet for compaction around the pipe must be done; however, the Department may require more as deemed necessary. Metal tracing caution tape must be run the length of all non-metallic lines. AT THIS TIME, IT IS NECESSARY TO CALL FOR AN INSPECTION BY THE WATER SUPERINTENDANT BEFORE THE WATER LINE CAN BE BACKFILLED.

(b) Whenever it is necessary to deflect pipe from a straight line, either in the vertical or horizontal plane, the amount of deflection allowed shall not exceed that required for making a satisfactory joint and shall be subject to the approval of the Department.