

## SPECIFICATIONS FOR WATER MAINS AND SERVICES

### Water Mains:

- Class 52 ductile iron, cement lined Tyton Joint.
- 8" or larger.
- 6" hydrant branch.
- 5' cover over main.
- 1' compacted sand bedding around pipe.
- All trenches shall be backfilled and compacted per Town of Cromwell Road Specifications.

### Valves/ Tapping sleeves:

- Valves shall be mechanical joint, resilient seat, open left.
- Valve boxes shall be two piece slide type with cover.
- Tapping sleeves shall be:
  1. Smith Blair Stainless Steel Model 665 or equivalent all stainless steel with standard 125 lb. stainless steel nuts and stainless steel bolts on both the clamp and the flange.
  2. Smith Blair carbon steel epoxy coated model 662 tapping sleeve or equivalent with standard 125 lb. epoxy coated flange with stainless steel nuts and stainless steel bolts on both the clamp and the flange.

### Hydrants:

- Mueller Super Centurion 200.
- 5 ½' bury, 5 ¼' main valve opening.
- Open left.
- 6" mechanical joint inlet connection.
- 1-4 ½" pumper connection.
- 2-2 ½" hose connections.
- 1 yard ¾" stone around drain opening.

### Fittings:

- Compact ductile iron.
- Mechanical joint.
- Megalugs.
- FIELD LOK Gaskets must be used instead of Coveralls
- 3 pipe lengths either side of MJ fittings.

Services:

- Tubing must be 1" type K copper.
- Corporations must be 1" with "cc" thread by compression.
- Curb Stops must be 1" compression by compression.
- Curb Boxes shall be one piece telescoping with 3/4" rod.
- 1" compacted sand bedding
- Trenches shall be backfilled and compacted per Town of Cromwell Road Specifications.