

**TOWN OF DRYDEN
MATERIAL AND PERFORMANCE STANDARDS
FOR WATER SYSTEM EXTENSIONS**

1. Water pipe - C152 Ductile Iron double cement lined (in accordance with AWWA C151 and AWWA C104).
2. Fittings - Ductile Iron double cement lined (in accordance with AWWA C151 and AWWA C104).
3. Services - type K copper tubing (min. size determined by the design professional).
4. Corp stop and curb stops - Brass body ball type.
5. Valves - Resilient seat gate with stainless steel bonnet bolts (in accordance with AWWA C509).
6. Hydrants - Dry barrel (5 1/4") break top type with 6" MJ connection, guard valve, anchoring tee, one 4 1/2" nozzle (NST) and two 2 1/2" nozzles (NST) in accordance with AWWA C502.
7. Bedding - not required for mains in earth when at least 6" of earth exists beneath the bottom of the main (in rock it is to be bedded a minimum of 8" on all sides).
8. Pipe bedding (mains) - # 1 stone, # 2 stone or a mix of #1 and #2 stone a minimum of 8" on all sides. 1a stone bedding will not be allowed.
9. Refer to the Bolton Point Rules and Regulations for further information on testing and installation.
10. Backfill - Select earth (native material 6" and smaller in size and within 2% of optimum moisture content) to 2' below asphalt subgrade within the ditchlines of an existing or proposed Town road and to the surface in other areas. The top 2' below the asphalt subgrade within the ditchlines of an existing or proposed Town road shall be Item 4 Base material as outlined in the Town Road Specifications.
11. Placement and compaction of backfill - 8" lifts compacted to 95% of maximum density ASTM 698 between the ditch lines.
12. Surface restoration of existing Town roads – 2.5" of Type 3-asphalt binder and 1.5" of Type 7 asphalt top.
13. Work within a County or State ROW will be governed by the respective standards.