

TOWN OF NORTON WATER DEPARTMENT

MATERIAL SPECIFICATIONS

DI PIPE:

- 6", 8", 10", Class 52 Ductile Iron
- 12" and larger Class 50 Ductile Iron PIPE:

DI FITTINGS:

- MJ Mega lug Glands (or approved equal)
- MJ Grip Ring Pipe Restrainer (or approved equal)
- AWWA C 153 Cement Lined
- Ductile Iron 350 PSI

PLASTIC PIPE:

- High Pressure Plastic Water Main 4", 6", 8", 10", 12
- AWWA C909 Molecularly Oriented Polyvinyl Chloride (PVCO).
- Pressure Class 305 psi
- All plastic water mains shall be blue in color, have a copper tracer
- wire secured to the pipe and connected to the conductive material in the
- trench to allow for future locating.

PLASTIC FITTINGS:

- MJ Mega lug Glands (or approved equal) specially designed for use on PVCO
- MJ Grip Ring Pipe Restrainer (or approved equal) specially designed for use on PVCO
- DI fittings AWWA C153 cement lined will be used with High Pressure Plastic Water Mains.
- All pipe transitions and fitting connections will be restrained using stainless steel threaded rods and a gripper-style friction clamp approved for use on High-Pressure Plastic Mains. Installed per the manufacturer's specs,
- All water mains will have the proper thrust restraints installed as required following AWWA spec.

HYDRANT TEE'S:

- MJ Anchor Tee's
- Ductile Iron 350 PSI

HYDRANTS:

- All Hydrants Must OPEN RIGHT
- With Stainless Steel internal parts and stainless-steel nuts and bolts

- AVK
- Kennedy K81-A
- Mueller
- American Darling B84B-5
- All hydrants must include a 5' heavy-duty flat bracket fiberglass reflective red and white hydrant marker
- All hydrants must have a red body with a white bonnet and white caps

VALVES:

- All Gate valves must be ductile iron
- All valves must OPEN LEFT
- 12" (Butterfly), 8", 6", 2", square operating nut resilient seated MJ
- Clow
- Metro seal – US PIPE
- M & H
- Mueller
- American Flow Control

GATE BOXES:

- 5 ¼ "Slip type," Flange at top

CURB BOXES:

- 2 Hole Erie Type with 36" Stainless Steel Rods

CORPORATION STOPS:

- ¾" or 1" Compression / No Lead
- Ball Valves only.
- Mueller, Cambridge, Red Head, Ford, or approved equal.

CURB STOPS:

- ¾" or 1" Compression – Non draining
- Ball Valves only.
- Mueller, Cambridge, Red Hed, Ford, or approved equal.

COPPER TUBING:

- ¾" or 1" Type K (corporation to curb stop)

CTS PLASTIC:

- ¾" or 1" (curb stop to meter set up, must include tracer wire and anti-crush inserts at each compression connection.)

ALL BRASS GOODS MUST BE LEAD FREE