

LANESBOROUGH FIRE WATER DISTRICT MATERIAL STANDARDS  
20 BRIDGE STREET  
LANESBOROUGH, MA 01237

\* All materials and workmanship shall be inspected by the Water, District prior to backfilling.  
Call 442-5916 to schedule inspection, minimum 2 hours in advance. Contractor will be fined if work is not inspected.  
All work must conform to ANSI / AWWA standards. Material shall be North American made

**Minimum cover = 6 feet**

**MATERIALS STANDARDS**

WATER MAINS AND FITTINGS	Ductile Iron Pipe: Class 52 - cement lined. M.J. and Tyton slip joint. Hymax Coupling Where restrained joints are required (i.e. directional change and apperatures off of main) usegrip ring restrained joint. Thrust blocks also required All fittings to be North American made, ductile iron, cement lined, and Class 350 rated. Blue brute pipe Blue brute pipe pvc pipe cl 235 905 dr 18
SERVICE SADDLES	Body Ductile Iron Stainless steel, double Strap
HYDRANT	Make Waterous Classic pacer Valve Opening: 5 1/4" Direction of Opening: Right Base Inlet: 6" Boot Hose Nozzles: Size: 2 1/2" Thread: Standard Pumper Nozzle: Size: 4" Thread: Standard Paint: Red Bolts: Stainless steel below grade  NOTE:
GATE VALVE (to be used on mains 10" diameter or smaller)	Ductile iron, resilient seat, epoxy coated, M.J.xM.J. valve  Direction of Opening: Right Double disc not allowable.
BUTTERFLY VALVE (to be used on mains 12" diameter or larger)	Ductile iron, resilient seat, exoxy coated, M.J.xM.J. valve  Direction of Opening: Right
VALVE BOX	Heavy duty: Ductile or cast iron, two piece, sliding type, w/top flange, min. inside diameter = 5 1/4", "WATER" clearly cast into cover.
SERVICE BOX, ROD AND COVER	3/4" and 1" Service - minimum size. Two hole cover w/ bronze thread insert for grass areas. Plug cover w/o the set screw for pavement/sidewalk areas.
SERVICE PIPE	Type K copper tubing or ductile iron. Water District side of Service Box
SERVICE BRASS TYPE	Corporation: CC thread by compression ball type, Curb Stop: Comp. by Comp., ball type, non-draining. Direction of Opening: Left Acceptable Brands/ Models: Mueller brass, Red Hed brass
WATER METER	Sensus radio read cubic feet Residential meter: 5/8" x 3/4". Commercial / industrial meter: size based on peak and average flow
Trench Safety	Must comply with OSHA Standerds