



**Lynnfield Center Water District  
83 Phillips Road  
Lynnfield, Massachusetts 01940**

## **Installation of New Mains**

**All mains, fire hydrants, valves, and fittings are to be American made**

**No work is to be commenced until all appropriate permits are obtained, required bond is set, and all fees are paid**

### **New water main:**

All new water main is to be American made Class 52 pipe or better

All new water main is to be zinc coated cement lined ductile iron pipe

Installation of new water main is to be bedded in sand or suitable material

All new water main must be inspected by the Lynnfield Center Water District during installation

There must be a minimum of 5 feet of cover to prevent freezing

Upon completion, new mains must be chlorinated and pressure tested to AWWA standards and a bacteria test completed by a state certified lab

### **Valves:**

All new valves must be AWWA approved and American made

All new valves must be open left resilient wedge gate valves

New valves must have the appropriate gate box set to grade

### **Hydrants:**

All new hydrants must be Kennedy K81D factory painted with appropriate color scheme (Des Moines Green Upper Barrel with White Caps and Bonnet) - open left

All new hydrants must have a minimum of a 5.5 foot bury and be set to the appropriate grade with hydrant extension(s)

All new hydrants must be installed using the appropriate thrust block and the base of the hydrant is to be backfilled with crushed stone or other suitable material to allow for proper drainage

**Mechanical joints:**

All mechanical joints must be restrained using a mechanical joint restraint kit (eg. Mega lug or equivalent)

**New taps:**

All taps must be installed by a District approved contractor

All taps are to be installed using a stainless steel tapping sleeve and gate