

## COMMERCIAL BUILDING SERVICE REQUIREMENTS

### APPLICATION FOR SERVICE & CONNECTION FEE PAID

- Fill out new service meter order (Yellow Card) & include contact number.
- Connection fee is based off the size of the domestic service connection at the size of the water main. (Not the size of the meter to be installed)

### WATER METER – MUST BE SENSUS

- Reading in **Cubic Feet** – Multiplier of 100 (**CF X 100**)
- LWD provides meters up to 1” in size.
- Applicant is responsible for providing conduit to outside of building for remote (provided and installed by LWD)

### CROSS CONNECTION CONTROL

- Applicant must fill out the attached **cross connection survey report form** & schedule a cross connection survey with LWD prior to final sign off on the building permit. It is recommended that this is done while installing backflow protection to avoid having to add or relocate devices to meet Massachusetts cross-connection control program regulations 310 CMR 22.22 and LWD requirements.
- All commercial buildings are required to have at minimum, a reduced pressure zone assembly (RPZ) device after the meter on the domestic service and a dual check valve assembly on the fire line (RPZ device if any chemical is used in fire sprinkler line). All hose bibs are required to have a hose bib vacuum breakers.
- Applicant’s plumber / fire sprinkler fitter is required to provide to LWD a backflow prevention device design data sheet for each backflow device installed. Testing of devices will not be performed until this information is provided to LWD. Cost of backflow testing is \$75 per device.
- Applicant’s plumber / fire sprinkler fitter must schedule testing of backflow devices with LWD prior to final sign off on the building permit by LWD.

**PRESSURE REDUCING VALVES** - required by LWD on all domestic connections after the meter.

### AS BUILT DRAWING

Applicant is required to provide to LWD an as built drawing with a minimum of three ties to the location of the domestic shut off and the fire sprinkler line shut off valve (see attached example), prior to final sign off on building permit by LWD.

**BEFORE YOU CALL FOR A FINAL SIGN OFF YOU NEED:**

- approved as built drawings
- water shut off valves accessible (both domestic and fire)
- pressure reducer installed
- hose bib vacuum breakers on exterior & interior faucets
- cross connection survey scheduled and completed with LWD
- Backflow device design data sheet provided for every device & all device tested and passed.
- All fees must be paid in full prior to final sign off by the Littleton Water Department.