



INSTALLATION REQUIREMENTS FOR REDUCED LEAD FREE PRESSURE BACKFLOW ASSEMBLY (RP) NOTES:

1. BALL VALVE/SHUTOFF AND Y-STRAINER ARE THE ONLY TWO (2) FITTINGS ALLOWED BEFORE THE BACKFLOW ASSEMBLY.
2. RP NEEDS TO BE INSTALLED A MINIMUM OF 12-INCHES ABOVE GRADE AND 6-INCH AWAY FROM ANY WALL.
3. RP SHALL BE TESTED UPON INSTALLATION AND ANNUALLY THEREAFTER.
4. RP SHALL HAVE AN ADEQUATE DRAIN TO A FLOOR OR SHALL DAYLIGHT TO THE EXTERIOR OF THE BUILDING THROUGH A DRAIN THAT IS A MINIMUM OF TWO (2) TIMES THE WATER SERVICE LINE DIAMETER.
5. PROTECTION FROM FREEZING AND VANDALISM IS THE OWNERS RESPONSIBILITY.
6. RP NEED SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY'S ADOPTED VERSION OF THE INTERNATIONAL PLUMBING CODE (IPC) SECTION OF PROTECTION OF POTABLE WATER SUPPLY AND THE MANUFACTURES INSTALLATION GUIDELINES.

TYPICAL WATER SERVICE ENTRY DETAIL



**CITY OF LOVELAND
DEPARTMENT OF
WATER AND POWER**

**W/WW CONSTRUCTION
DRAWINGS**

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**DRAWING
W-24**