



List of Materials

Item	Description
1	Reduced pressure backflow prevention assembly, U.S.C. approved type.
2	Brass union required if threaded fittings (elbows) are used.
3	Backflow prevention assembly enclosure per manufacturer's recommendations (see Notes 1 and 2). Must be hinged, lockable, rounded tubular shape.
4	Concrete pad, Class 520-C-2500, must be constructed to ensure 4" clearance around the backflow enclosure.

Notes:

1. See Section 3 of these Specifications for approved backflow assemblies, backflow enclosures, testing requirements, placement of backflow assemblies and other requirements.
2. Proposed location of the backflow device, protective enclosure and all parts must be approved by the Engineer prior to installation. Failure to comply may result in project delays to correct all unaccepted/unapproved work.
3. All fittings and pipe shall be brass or copper with either IPT or soldered connections, respectively.
4. A wye strainer or hose bibb is not allowed to be installed on backflow assembly piping.
5. A pressure reducer, if required, is only permitted at the building and not on the backflow assembly.
6. There shall be no connections between the meter and the backflow assembly.
7. Final placement of the backflow prevention enclosure must be at least 12" behind the public right-of-way.
8. If a new meter is installed, pipe shall be copper from meter to backflow. If there is existing piping to the meter, it may remain per plumbing code.

<b>REVISED</b> DATE _____ _____ _____ _____	<b>CITY OF NORCO</b> PUBLIC WORKS DEPARTMENT – WATER UTILITY	DRAWN <u>SJN</u> DATE <u>12-6-16</u>
	<b>3/4" THROUGH 2" REDUCED PRESSURE          BACKFLOW PREVENTION ASSEMBLY</b>	
	APPROVED <u>[Signature]</u> DIRECTOR OF PUBLIC WORKS	DATE <u>12/6/16</u>