




LIST OF MATERIALS

- ① Reduced pressure backflow prevention assembly, USC approved type
- ② Brass union required if threaded fittings (elbows) are used
- ③ Backflow prevention assembly enclosure per manufacturer's recommendations (see Notes 2 and 3)
- ④ Concrete pad, Class 520-C-2500
Must be constructed to ensure 12" clearance around the backflow enclosure

NOTES

1. Refer to the City of Fullerton's Approved Materials List for approved manufacturers and model numbers.
2. See Section 3 of these Specifications for approved testing requirements, placement of backflow assemblies, and other requirements.
3. 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.
4. All fittings and pipe shall be brass or copper with either IPT or soldered connections, respectively.
5. A wye strainer or hose bibb is not allowed to be installed on backflow assembly piping.
6. A pressure reducer, if required, is only permitted at the building and not on the backflow assembly.
7. There shall be no connections between the meter and the backflow assembly.
8. Final placement of the backflow prevention enclosure must be at least 12" behind the public right-of-way.
9. If a new meter is installed, pipe shall be copper from meter to backflow. If there is existing meter, piping may remain per plumbing code.
10. Backflow size to match service size.
11. New backflow must be tested by a certified backflow device tester as possessing a valid certification issued by the Orange County Environmental Health Agency and an active Fullerton business license.

3/4" THROUGH 2 1/2" REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY

STANDARD DETAIL	REVISIONS								
604	NO.	DATE	NO.	DATE					
	1	02/29/16	4	04/30/18					
	2	03/31/16	5	09/24/19					
	3	02/28/17	6	04/20/22					
SHEET 1 OF 1					 CITY ENGINEER	5/9/2022 DATE	 PUBLIC WORKS DIRECTOR	5/24/2022 DATE	
DEPARTMENT OF PUBLIC WORKS									