

**GENERAL NOTES:**

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF ARLINGTON (COA) STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION, LATEST EDITION.
2. THE BACKFLOW PREVENTION ASSEMBLY (BPA) SHALL MEET THE REQUIREMENTS OF:  
ASSE 1048, DOUBLE CHECK DETECTOR ASSEMBLY (DCDA);  
IN A SIZE TO MATCH THAT OF THE REQUIRED METER AND/OR SERVICE PIPING, AND SHALL CONFORM TO ALL CURRENT REQUIREMENTS OF THE UNIVERSITY OF SOUTHERN CALIFORNIA, FOUNDATION FOR CROSS-CONNECTION CONTROL & HYDRAULIC RESEARCH (USC-FCCCHR).
3. ANY VARIATIONS FROM THIS DETAIL MUST BE APPROVED BY ARLINGTON WATER UTILITIES.

**LOCATION:**

4. THE ASSEMBLY SHALL BE LOCATED ON THE OWNER'S PROPERTY INDOORS ON THE GROUND FLOOR IN A LOCATION ACCESSIBLE TO CITY PERSONNEL FOR INSPECTION.
5. THERE SHALL BE NO TAPS, PIPE BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPARTMENT CONNECTION POINTS, OF OTHER WATER-USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS COA REQUIRED BPA.

**INSTALLATION:**


6. PIPE MATERIAL AND FITTINGS SHALL BE AS SPECIFIED IN COA STANDARDS AND SPECIFICATIONS.
7. ISOLATION VALVES ARE SPECIFIC TO EACH APPROVED BPA AND NO SUBSTITUTION OF ISOLATION VALVES ARE PERMITTED. A PUBLIC ISOLATION VALVE IS REQUIRED IN ADDITION TO THE DCDA ISOLATION VALVES. SEE DETAIL BF-J FOR LOCATION DETAIL.
8. ALL JOINTS SHALL BE RESTRAINED WITH MEGALUG RESTRAINTS OR APPROVED EQUAL.
9. SUPPORT FOR ASSEMBLY SHALL BE DESIGNED BY OWNER SUCH THAT ASSEMBLY WEIGHT DOES NOT DESTABILIZE STRUCTURAL INTEGRITY AND SHALL NOT BLOCK RELIEF VALVE ON DRAIN PORT.
10. DETECTOR ASSEMBLY SHALL BE FIELD-RETROFITTED BY PROPERTY OWNER WITH ADVANCED METER INFRASTRUCTURE (AMI) EQUIPMENT PROVIDED BY ARLINGTON WATER UTILITIES INCLUDING METER AND/OR ANTENNA. ALL METERS INSIDE THE FACILITY SHALL BE INSTALLED BY THE PROPERTY OWNER. IT IS THE PROPERTY OWNER'S RESPONSIBILITY TO MAKE EXTERNAL ANTENNAS AVAILABLE FOR THE METERS WHEN IT IS PLACED INSIDE THE BUILDING. ANY FUTURE REQUIRED MAINTENANCE OR PLACEMENT OF THE METER AND/OR ANTENNA SHALL BE DONE BY THE PROPERTY OWNER. ALL AMI CALIBRATION SHALL BE PERFORMED BY THE ARLINGTON WATER UTILITY.
11. VERTICAL INSTALLATION MAY BE APPROVED ACCORDING TO BACKFLOW PREVENTION ORDINANCE REQUIREMENTS.

**TESTING**

12. EACH COA REQUIRED BACKFLOW PREVENTER MUST BE TESTED BY A COA-APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.
13. ALL ASSEMBLIES SHALL BE TESTED AT TIME OF INSTALLATION. A COPY OF ALL TEST AND MAINTENANCE REPORTS MUST BE FAXED TO 817-459-6626.

**MAINTENANCE**

14. MAINTENANCE AND UPKEEP OF ALL BACKFLOW PREVENTION EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.

 <b>CITY OF ARLINGTON, TEXAS</b>
<b>BF-C</b> <b>DOUBLE CHECK DETECTOR</b> <b>ASSEMBLY (2 1/2"-12")</b>
<b>INDOOR FIRE LINE</b>
<b>DATE: 01/09/2018</b>