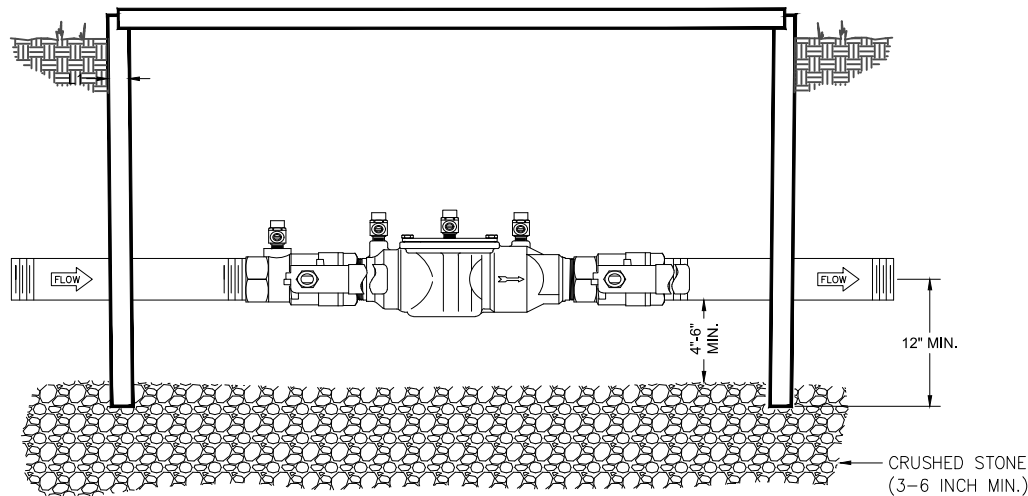


PLAN VIEW  
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ELEVATION  
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#### GENERAL NOTES:

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 ASSEMBLY (DC); 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 VAULT ENCLOSURE SHALL BE LOCATED ON THE OWNER'S PROPERTY IN ACCORDANCE WITH DETAIL BF-J IN A LOCATION ACCESSIBLE TO CITY PERSONNEL DURING NORMAL WORKING HOURS FOR INSPECTION OF THE ASSEMBLY AND READING OF THE METER.
5. THERE SHALL BE NO TAPS, PIPE BRANCHES, UNAPPROVED BYPASS PIPING, HYDRANTS, FIRE DEPARTMENT CONNECTION POINTS, OR OTHER WATER-USING APPURTENANCES TO THE SUPPLY LINE BETWEEN ANY WATER METER AND IT'S COA REQUIRED BPA.

#### INSTALLATION:


6. CONCRETE VAULTS AND HEAVY DUTY PLASTIC METER BOXES MAY BE USED FOR SMALL BPA. REFER TO CITY OF ARLINGTON APPROVED PRODUCTS LISTING FOR METER VAULTS AND METER BOXES. BPA ENCLOSURE SHALL BE SIMILAR AND LARGE ENOUGH TO ACCOMODATE THE BPA AND PROVIDE AMPLE SPACE FOR TESTING, REPAIRS, AND MAINTENANCE.
7. ISOLATION VALVES ARE SPECIFIC TO EACH APPROVED BPA AND NO SUBSTITUTION OF ISOLATION VALVES ARE PERMITTED. A PRIVATE ISOLATION VALVE IS REQUIRED IN ADDITION TO THE DC ISOLATION VALVES. SEE DETAIL BF-J FOR LOCATION DETAILS.
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.
10. WHEN A DOUBLE CHECK BACKFLOW PREVENTION DEVICE IS INSTALLED IN CONJUNCTION WITH A LAWN IRRIGATION SYSTEM, THE DEVICE MUST BE INSTALLED AS FOLLOWS:
  - A. TEST COCKS MUST BE PLUGGED, EXCEPT WHEN TESTING.
  - B. TEST COCK PLUGS MUST BE THREADED, WATER TIGHT AND MADE OF NON-FERROUS MATERIAL.
  - C. CLEARANCE REQUIRED ON THE SIDES AND BETWEEN THE BOTTOM OF THE BFP & FILL MATERIAL, AND
  - D. AN ISOLATION VALVE IS REQUIRED TO BE INSTALLED BETWEEN THE BFP AND THE WATER METER.

#### TESTING:

11. EACH COA-REQUIRED BACKFLOW PREVENTER MUST BE TESTED BY A COA-APPROVED CERTIFIED TESTER PRIOR TO PLACING THE WATER SYSTEM IN SERVICE.
12. ALL BFP ASSEMBLIES SHALL BE TESTED AT TIME OF INSTALLATION. A COPY OF ALL TEST AND MAINTENANCE REPORTS MUST BE SUBMITTED TO: [backflowtestforms@arlingtontx.gov](mailto:backflowtestforms@arlingtontx.gov), ON FORMS PROVIDED BY WATER UTILITIES.

#### MAINTENANCE:

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

|   |                          |
|---|--------------------------|
|  | CITY OF ARLINGTON, TEXAS |
|   | BF-M                     |
|   | DOUBLE CHECK ASSEMBLY    |
|   | (3/4"-2")                |
|   | IRRIGATION DC INGROUND   |
|   | DATE: 8/25/2023          |