


PLAN

ELEVATION

- ① DOUBLE CHECK VALVE ASSEMBLY (DCVA) MUST BE APPROVED BY THE FOUNDATION FOR CROSS-CONNECTION AND HYDRAULIC RESEARCH AT THE UNIVERSITY OF SOUTHERN CALIFORNIA.
- ② OLDCASTLE CARSON BCF HEAVYWALL METER BOX WITH COMPOSITE SOLID LID OR DISTRICT APPROVED ALTERNATE.
- ③ BENDS MAY BE LOCATED INSIDE OR OUTSIDE OF BOX SO LONG AS SUFFICIENT ROOM IS ALLOWED AT EACH END FOR VALVE OPERATION AND DCVA REPAIR OR MAINTENANCE.
- ④ PROVIDE 6" MIN OF FREE DRAINING BACKFILL BELOW BOX (WASHED DRAIN ROCK OR PEA GRAVEL, NO FINES). BOTTOM OF BOX TO BE OPEN TO DRAIN.

NOTES:

1. ALL TEST COCKS SHALL POINT UPWARDS AND HAVE BRASS PLUGS.
2. DCVA SHALL BE CENTERED IN BOX.
3. COMPLETE ALL WORK IN ACCORDANCE WITH STATE, DISTRICT AND MANUFACTURER STANDARDS.
4. SYSTEM SHALL NOT BE PUT INTO SERVICE UNTIL DCVA INSTALLATION IS APPROVED BY THE DISTRICT AND TESTED/CERTIFIED BY A WASHINGTON STATE LICENSED TESTER.
5. DCVA IS CONSIDERED PART OF A PRIVATE SYSTEM AND SHALL BE MAINTAINED BY THE PROPERTY OWNER WITH ANNUAL CERTIFICATION REQUIRED.
6. INSTALL DCVA USING UNIONS ON EACH END OF ASSEMBLY. UNIONS TO BE EXPOSED INSIDE OF BOX.
7. DIELECTRIC UNIONS SHALL BE USED TO SEPARATE DISSIMILAR MATERIALS.
8. NO BRANCH CONNECTIONS ALLOWED BETWEEN METER AND DCVA.
9. IRRIGATION BLOW-OUTS TO BE INSTALLED DOWNSTREAM OF DCVA.
10. FIRE SYSTEM DCVA NOT ALLOWED IN GREEN METER BOXES.
11. INSTALL DCVA DIRECTLY BEHIND THE METER UNLESS DISTRICT APPROVES ALTERNATE LOCATION.

 <p>Silver Lake Water & Sewer District</p>	
<p>DOUBLE CHECK VALVE ASSEMBLY 2-INCH AND SMALLER</p>	
DATE: 11-2022	DWG: CC9