NOTES:
1. SIZE OF MAIN D.C.V.A. AND FITTINGS SHALL EQUAL SERVICE LINE SIZE.
   BYPASS D.C.V.A. AND FITTINGS SHALL BE SIZED A MINIMUM OF 1".
2. MINIMUM CLEARANCES:
   - 12" BETWEEN EACH D.C.V.A.
   - 12" BETWEEN D.C.V.A. AND SIDE OF VAULT.
   - 12" BETWEEN D.C.V.A. AND VAULT FLOOR.
   - 24" SOIL COVER OVER SERVICE LINE.
3. INSTALL PLUGS IN ALL TEST COCKS.
4. TESTING IS REQUIRED BY A WASHINGTON STATE DEPARTMENT OF HEALTH
   CERTIFIED BACKFLOW ASSEMBLY TESTER UPON INSTALLATION AND
   ANNUALLY THEREAFTER. ASSEMBLY TO BE MAINTAINED BY OWNER.
5. BRASS FITTINGS.
6. WHERE ACCESS OPENING DOES NOT EXPOSE SHUT OFF VALVES, MIN.
   18" CLEARANCE SHALL BE REQUIRED BETWEEN TOP OF VALVE AND
   UNDERSIDE OF VAULT COVER.

1) COPPER TUBING, TYPE K. *
2) COUPLING, MALE IRON PIPE THREAD BY PACK JOINT (COMPRESSION FITTING) FOR COPPER, MUELLER NO.
   H-15428 OR EQUAL. *
3) BRASS TEE, MAIN LINE SIZE x 1", FEMALE IRON PIPE THREAD. *
4) BRASS NIPPLE, LENGTH TO FIT, 1", MALE IRON PIPE THREAD. *
5) BRASS NIPPLE, MAIN LINE SIZE, LENGTH TO FIT, MALE IRON PIPE THREAD. *
6) BRASS ELBOW, 1", FEMALE IRON PIPE THREAD. *
7) BRASS UNION, MALE X FEMALE IRON PIPE THREAD. *
8) WASHINGTON STATE APPROVED DOUBLE CHECK VALVE ASSEMBLY, MUST BE INSTALLED IN APPROVED ORIENTATION.
9) CONCRETE VAULT WITH 2 LOCKING ALUMINUM LW-HATCH DOORS (PART NO. HHD-36"x72"), RATED FOR
   H-30 LOADING, WITH SLIP RESISTANT TREATMENT PER SECTION W4-17 OF THE ENGINEERING STANDARDS.
   COVER TO READ "WATER". VAULT COVER TO PROVIDE MINIMUM CLEARANCES LISTED IN NOTE 2.
10) DRAIN, SLOPE TO DAYLIGHT OR STORM
    DRAINAGE SYSTEM (DO NOT CONNECT TO
    SANITARY SEWER), WIRE MESH RODENT SCREEN OVER DRAIN.
11) VAULT PENETRATION THRUST BLOCK SEE
    STANDARD DETAIL W-56.
* TYPICAL, EACH SIDE OF D.C.V.A.