

3. INSTALL PLUGS IN ALL TEST COCKS.

- 24" SOIL COVER OVER SERVICE LINE.

- 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. \*
- $(\mathsf{5})$  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". SIZE VAULT 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.



City of Bellevue

WATER UTILITY

TITLE

1 1/2" AND 2" DOMESTIC DOUBLE CHECK VALVE ASSEMBLY FOR CONTINUOUS SUPPLY (OUTSIDE INSTALLATION) NO. W-41