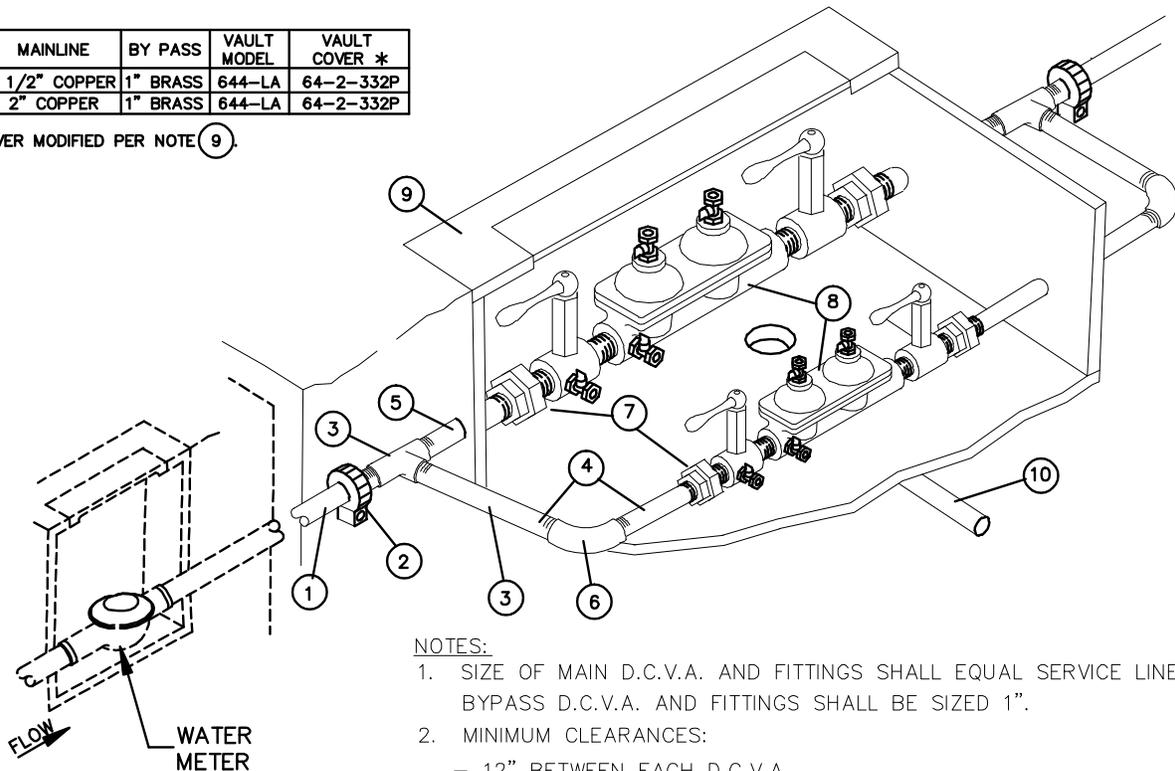


METER SIZE	MAINLINE	BY PASS	VAULT MODEL	VAULT COVER *
1 1/2"	1 1/2" COPPER	1" BRASS	644-LA	64-2-332P
2"	2" COPPER	1" BRASS	644-LA	64-2-332P

* COVER MODIFIED PER NOTE 9.



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 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. MUST BE TESTED BY A WASHINGTON STATE DOH CERTIFIED BACKFLOW ASSEMBLY TESTER UPON INSTALLATION.
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 STATE APPROVED INTERNALLY LOADED DOUBLE CHECK VALVE ASSEMBLY.
- ⑨ CONCRETE VAULT WITH 2 LOCKING ALUMINUM LW TYPE HATCH DOORS (PART NO. HDD-36"x72"), MIN HS-25 LOADING, WITH LIGHT BLAST 5086 SKID RESISTANCE APPLICATION. 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.

* 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