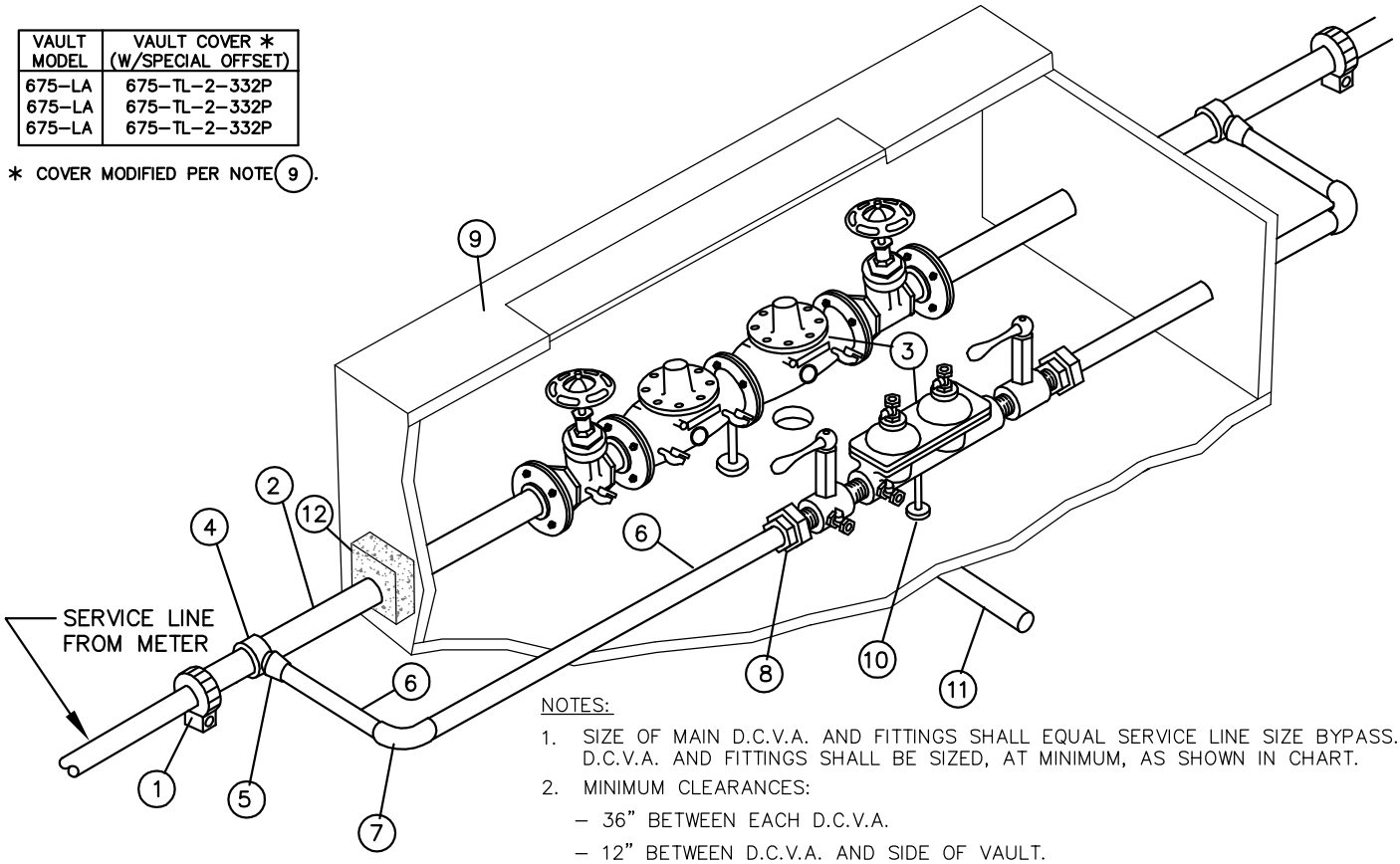
VAULT MODEL	VAULT COVER * (W/SPECIAL OFFSET)
675–LA	675–TL–2–332P
675–LA	675–TL–2–332P
675–LA	675–TL–2–332P

* COVER MODIFIED PER NOTE (9).



METER SIZE	MAIN–LINE	BY PASS
3"	3"D.I.	1 1/2" COPPER MINIMUM
4"	4"D.I.	1 1/2" COPPER MINIMUM
6"	6"D.I.	2" COPPER MINIMUM

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, AT MINIMUM, AS SHOWN IN CHART.
2. MINIMUM CLEARANCES:
   - 36" 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. PROVIDE LADDER AND LADDER–UP PER DETAIL W–19.
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.
7. MINIMUM 2' OF LEVEL, UNOBSTRUCTED AREA AROUND HATCHES.
8. LOCATE HATCH PER DETAIL W–17.

(1) FLEX COUPLING , ROCKWELL 441 OR EQUAL. *

(2) D.I. PIPE, P.E. X FL., LENGTH TO FIT. *

(3) STATE APPROVED INTERNALLY LOADED DOUBLE CHECK VALVE ASSEMBLY, COMPLETE WITH (2) FULL FLOW BALL VALVE SHUT–OFF VALVES AND TEST COCKS. *

(4) DOUBLE STRAP SERVICE SADDLE, ROMAC 202S WITH IPS TAP, OR EQUAL. *

(5) COUPLING, OUTSIDE IRON PIPE THREAD TO COPPER COMPRESSION CONNECTION, MUELLER H–15428, OR EQUAL. *

(6) COPPER TUBING, TYPE K. *

(7) 1/4 BEND COUPLING, COPPER TO COPPER, MUELLER H–15526, OR EQUAL. *

(8) COUPLING, COPPER COMPRESSION CONNECTION BY FEMALE IRON PIPE THREAD, MUELLER H–15451, OR EQUAL. *

(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) ADJUSTABLE PIPE STANCHIONS, BOLTED TO FLOOR.

(11) DRAIN, SLOPE TO DAYLIGHT OR STORM DRAINAGE SYSTEM (DO NOT CONNECT TOSANITARY SEWER). WIRE MESH RODENT SCREEN OVER DRAIN.

(12) VAULT PENETRATION THRUST BLOCK SEE STANDARD DETAIL W–56.

* TYPICAL, EACH SIDE OF D.C.V.A.

JANUARY 2014 NO SCALE

City of Bellevue

WATER UTILITY

TITLE 3" TO 6" DOMESTIC DOUBLE CHECK VALVE ASSEMBLY FOR CONTINUOUS SUPPLY (OUTSIDE INSTALLATION)

NO. W–42