

CONTRACTOR SHALL COORDINATE INSTALLATION WITH THE CITY OF LYNNWOOD PUBLIC WORKS INSPECTOR PRIOR TO CONSTRUCTION.

BY PASS SIZE CHART

METER SIZE	MAIN LINE	BY PASS
3"	3" DI	1 1/2" BRASS
4"	4"DI	1 1/2" BRASS
6"	6" DI	2" BRASS

- A. SIZE OF MAIN DCVA AND FITTINGS SHALL EQUAL SERVICE LINE SIZE. BYPASS DCVA AND FITTINGS SHALL BE SIZED AS SHOWN IN CHART.
 - B. MINIMUM CLEARANCES:
 - 12" BETWEEN EACH DCVA
 - 24" BETWEEN DCVA AND SIDE OF VAULT
 - 30"-36" BETWEEN DCVA AND VAULT FLOOR
 - 36" BETWEEN SOIL COVER OVER SERVICE LINE
 - C. INSTALL PLUGS IN ALL TEST COCKS.
 - D. CITY WATER QUALITY DIVISION MUST TEST AND CERTIFY DEVICES BEFORE USE.
 - E. DCVA'S SHALL BE CENTERED IN VAULT.
 - F. WHERE ACCESS OPENING DOES NOT EXPOSE SHUT OFF VALVES MIN 18" CLEARANCE SHALL BE REQUIRED BETWEEN TOP OF VALVE AND UNDERSIDE OF VAULT COVER.
 - G. provide 18" MIN CLEARANCE FROM MAIN SHUTOFF VALVE TO INSIDE FACE OF WALL.
 - H. PROVIDE 6" MIN CLEARANCE FROM INSIDE FACE OF WALL TO THE BYPASS.
1. FLEX COUPLING, ROCKWELL 441 OR EQUAL
 2. DI PIPE, PE x FL LENGTH TO FIT
 3. STATE APPROVED INTERNALLY LOADED DOUBLE CHECK VALVE ASSEMBLY, COMPLETE WITH (2) FULL FLOW RESILIENT SEATED SHUTOFF 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. BRASS TUBING WITH THREADED FITTING.
 7. ¼ 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 AT LEAST ONE (1) 3'x3' DIAMOND PLATE DOOR (H2O LOADING, LOCKING LID) COVER TO READ 'WATER'. SIZE VAULT TO PROVIDE MINIMUM CLEARANCES LISTED IN NOTE 2.
 10. ADJUSTABLE PIPE STANCHION, BOLTED TO FLOOR.
 11. DRAIN, SLOPE TO DAYLIGHT WHERE APPLICABLE (DO NOT CONNECT TO SANITARY SEWER) TYPICAL EACH SIDE OF DCVA

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



4-2001
date

5-22
number