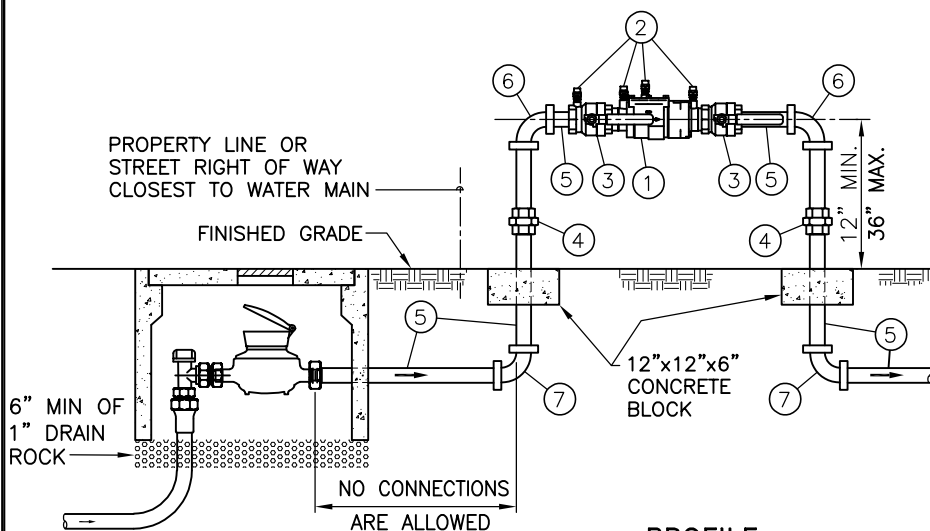


PLAN



PROFILE

- ① DOUBLE CHECK VALVE ASSEMBLY (DCA) BACKFLOW PREVENTER *
- ② TEST COCK
- ③ QUARTER TURN BALL VALVE
- ④ SOLDER OR THREADED BRASS UNION
- ⑤ TYPE "K" COPPER OR BRASS PIPE
- ⑥ SOLDER OR THREADED BRASS 90° ELBOW (ON HORIZONTAL PATTERN ASSEMBLIES)
- ⑦ THREADED BRASS 90° ELBOW

* A FEBCO MODEL LF850 DOUBLE CHECK VALVE ASSEMBLY IS SHOWN FOR ILLUSTRATION PURPOSES

NOTES:

1. BACKFLOW DEVICES AND PIPING SIZE SHALL BE THE SAME SIZE AS THE WATER SERVICE SUPPLY PIPE. IT'S THE OWNER'S PLUMBER'S RESPONSIBILITY TO PROPERLY SIZE THE WATER SYSTEM AS THESE DEVICES REDUCE THE INLET WATER PRESSURE TO THE BUILDING.
2. THE DEVICE SHOULD BE INSTALLED ON THE OWNER'S PROPERTY DIRECTLY BEHIND THE METER WITHIN 5' OF THE PROPERTY LINE, AND EASILY ACCESSIBLE TO FACILITATE ANNUAL TESTING AND MAINTENANCE.
3. ALL DEVICES AND COMPONENTS MUST BE CERTIFIED LEAD FREE IN COMPLIANCE WITH AB 1953 AND ON THE LIST APPROVED BY USCFCCHR.
4. NEW, UPGRADED OR RELOCATED DEVICES REQUIRE A BUILDING INSPECTION. ALL DEVICES MUST BE TESTED BY A CPAU-REGISTERED TESTER IMMEDIATELY AFTER INSTALLATION, RELOCATION, OR REPAIR AND PRIOR TO CONTINUOUS SERVICE. TEST REPORTS TO BE SENT TO backflow@PaloAlto.gov OR TO BE MAILED TO WGW UTILITIES OPERATIONS, CROSS SECTION CONTROL PROGRAM, 3201 E. BAYSHORE RD, PALO ALTO, CA94303.
5. 24" MINIMUM CLEARANCE IS REQUIRED FROM OBSTRUCTION ON THE TEST COCK SIDE FOR INSPECTION AND TESTING PURPOSES.

BY	DATE	1" TO 2" RESIDENTIAL DOUBLE CHECK VALVE ASSEMBLY (DCVA) STANDARD DETAIL	APPROVED: JULY 28, 2025 <i>Nelson Schlater</i>	SCALE: NONE
DRAWN	M.E. 04/25		NELSON SCHLATER ENGINEERING MANAGER	DWG. NO. STD. WD-12C
CHECKED	P.L. 05/25		66547 R.E. NO.	
REVIEWED	P.L. 07/25	CITY OF PALO ALTO, CALIFORNIA	REVISION: JULY 28, 2025	APPENDIX B