

CLEARANCE			
SIZE	A	B	C
¾" - 2"	18"	18"	12"
2½" & UP	24"	24"	12"



NOTES:

- LOCATION, TYPE, AND INSTALLATION OF BACKFLOW ASSEMBLY SHALL BE APPROVED BY THE DISTRICTS INSPECTOR.
- DISTRICT TO INSTALL METER, DEVELOPER TO INSTALL ALL OTHER REQUIRED MATERIAL.
- NO CONNECTIONS OR TEES SHALL BE ALLOWED BETWEEN METER AND ASSEMBLY.
- ALL PIPE AND RELATED FITTINGS SHALL BE AS FOLLOWS:
 - 3-INCH AND BELOW - COPPER TYPE K RIGID OR, BRASS.
 - 4-INCH AND ABOVE - SCHEDULE 40 CEMENT LINED STANDARD STEEL, CML & C OR DUCTILE IRON.
- ALL ABOVE GROUND APPURTENANCES SHALL BE PAINTED AS FOLLOWS:
 - STEEL PIPE, DUCTILE IRON PIPE, ONE COAT OF PRIMER AND 2 COATS OF RUSTOLEUM-ALMOND.
- RESILIENT SEATED SHUT-OFF VALVES AND TEST COCKS REQUIRED.
- PRESSURE REGULATOR TO BE INSTALLED UPSTREAM OF BACKFLOW PREVENTOR IF REQUIRED BY PLUMBING CODE. (80 PSI.)
 - IF PRESSURE REGULATION IS REQUIRED THEN DELETE DOWNSTREAM UNION IF APPLICABLE.
- BACKFLOW PREVENTORS TO BE SAME SIZE AS METER.
- ALL ASSEMBLIES SHALL BE USC, FCC&HR APPROVED.
- PIPE SUPPORTS AS REQUIRED ON 2.5" AND ABOVE
- ALL PIPING BETWEEN METER AND BACKFLOW ASSEMBLY TO BE FLUSHED BEFORE BACKFLOW IS INSTALLED AND MUST BE WITNESSED BY DISTRICT INSPECTOR.
- N-SHAPE ASSEMBLY 12" CLR. TO BOTTOM OF HAND WHEEL.
- NO CONNECTION UNTIL AFTER 90° DOWN STREAM FITTING.
- INSTALL THRUST BLOCK PER STD. DWG. 304.
- WRAP ALL BURIED BOLTS WITH WAX TAPE PER STD. DWG. 115
- NO PIPE DOPE TO BE USED ON THREADS (TEFLON TAPE ONLY)
- 18" CLEAR FROM THE FINISHED GRADE

DATE	APP'D	DESCRIPTION	REV.

Cucamonga Valley Water District

TYPICAL BACKFLOW INSTALLATION FOR DOMESTIC AND LANDSCAPE USE

 <p>Cucamonga Valley Water District ENGINEERING DEPARTMENT 10440 ASHFORD STREET, RANCHO CUCAMONGA, CA 91729 (909) 987-2591</p>	<p>APPROVED BY:</p>  <p>TUAN TRUONG, P.E., ENGINEERING MANAGER</p>	<p>STD. DWG.</p> <p>111</p> <p>1-24-23 DATE</p> <p>SHT. 1 OF 1</p>
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