



NOTES:

1. ALL PIPING BELOW GRADE SHALL BE ENCASED IN A BLUE COLORED 8-MIL POLYETHYLENE SLEEVE EXTENDING TO 2 INCHES ABOVE FINISH GRADE.
2. INSTALL APPROVED LEAD FREE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION DEVICES LISTED IN THE USC LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES.
3. DETAIL APPLICABLE FOR 3/4-INCH THRU 2-INCH SERVICE.
4. PROVIDE EXPANDED METAL, TYPE 316SS, SINGLE SWING CAGE AROUND ASSEMBLY, ALLSPEC ENCLOSURES, PIPELINE PRODUCTS BFE, BDM FABRICATION, OR APPROVED EQUAL. PROVIDE COVERED HASP FOR PADLOCK. PROVIDE HINGE ON COVER FOR UNRESTRICTED ACCESS TO ALL FIXTURES AND PIPING FOR REPAIR, REPLACEMENT AND TESTING OF THE BACKFLOW PREVENTION DEVICE, FIXTURES AND PIPING. ATTACH TO CONCRETE HOUSEKEEPING PAD WITH EPOXY GROUTED TYPE 316SS ANCHORS. PAINT CAGE HUNTER GREEN. PRIMED AND PAINTED CARBON STEEL EXPANDED METAL CAGES ALLOWED ON PRIVATELY OWNED AND MAINTAINED SERVICES.
5. INSTALL BACKFLOW PREVENTION ASSEMBLIES AS CLOSE AS PRACTICAL TO THE WATER METER BOX, BUT NO FURTHER THAN 3 FEET. OBTAIN WRITTEN APPROVAL FROM A CDWP CROSS-CONNECTION SPECIALIST FOR BACKFLOW INSTALLATIONS GREATER THAN 3 FEET FROM THE METER BOX.
6. NO OUTLETS, CONNECTIONS, OR TEES ALLOWED BETWEEN THE METER AND BACKFLOW, EXCEPT FOR PARALLEL BACKFLOW INSTALLATION.
7. MAINTAIN A MINIMUM OF 12-INCH CLEARANCE FROM ANY OBSTRUCTIONS ON ALL SIDES OF BACKFLOW PREVENTION ASSEMBLIES.
8. ALL FITTINGS, PIPE, VALVES, AND FIXTURES SHALL BE LEAD FREE IN COMPLIANCE WITH FEDERAL AND STATE LAWS.

NOT TO SCALE

REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLY

REVISION			APPROVED:		DATE	CITY OF CORONA
NO.	APPROVED	DATE				
1		12/28/18	<i>Tom G. Koper</i>	TOM G. KOPER, PE. CITY ENGINEER	10/01/20	STD 428
2	VRW	10/01/20	<i>Vernon R. Weisman</i>	VERNON R. WEISMAN, PE. DISTRICT ENGINEER	10/01/20	SHEET 1 OF 1

