



**NOTES:**

1. BACKFLOW ASSEMBLY MUST MEET U.S.C./IDAPA STANDARDS AND SPECIFICATIONS, PLEASE CALL BEFORE ORDERING.
2. ASSEMBLIES MUST BE INSTALLED ABOVE GRADE OR HIGHEST FLOOD PLAIN IN A HORIZONTAL ORIENTATION ONLY UNLESS THE ASSEMBLY HAS BEEN APPROVED BY THE CITY FOR VERTICAL ORIENTATION.
3. ADEQUATE CLEARANCE MUST BE PROVIDED FOR TESTING AND MAINTENANCE OF ASSEMBLY, MINIMUM 12" FOR NON-TEST SIDE, MINIMUM 24" FOR THE TEST SIDE, FACING AWAY FROM WALLS AND NEAREST STATIONARY OBJECTS.
4. THERE MUST BE NO UNPROTECTED BRANCH PIPING OR TEES CONNECTED TO THE SUPPLY PIPE BETWEEN THE CITY SERVICE SUPPLY LINE AND THE ASSEMBLY.
5. IF AUXILIARY WATER SOURCE IS PRESENT AND THE RP HAS NOT BEEN INSTALLED IMMEDIATELY DOWNSTREAM OF THE METER BOX, THE ENTIRE LENGTH OF THE WATER SERVICE FROM METER BOX TO THE BACKFLOW ASSEMBLY SHALL BE ENCASED IN MINIMUM 4" OF CONCRETE PER STANDARD DRAWING W-21.
6. ALL MEASUREMENTS ARE FROM THE LOWEST OR WIDEST PART OF THE ASSEMBLY.
7. ALL ASSEMBLIES ARE SUSCEPTIBLE TO FREEZING AND SHALL BE ADEQUATELY FREEZE PROTECTED.
8. ADEQUATE DRAINAGE FROM THE ASSEMBLY MUST BE PROVIDED PER THE PNWS/AWWA RP DISCHARGE RATE CHART.
9. BACKFLOW ASSEMBLY MUST BE INSTALLED WITHIN 2' OF FLOOR OR WALL SERVICE PENETRATION.



CITY OF COEUR D'ALENE STANDARD DRAWING

**APPROVED LARGE RP FOR  
BASEMENT ISOLATION**

APPROVED BY:

*Chris Bosley* 10/1/24  
CITY ENGINEER, PE 10804 DATE:

DWG NO. W-45