



# Backflow Assembly Plan Review Form

## Domestic and Irrigation

Colorado Springs Utilities  
Backflow Prevention Program  
1521 S. Hancock Expressway  
Colorado Springs, CO 80903  
Phone: (719)668-4388  
Email: [crossconnection@csu.org](mailto:crossconnection@csu.org)

### Facility Information

Facility Name:

Facility Address:

### Contractor Contact Information:

Contractor Company:

Address:

Email:

Phone:

### Backflow Prevention Assembly Information:

New Construction (New Building)

Retrofit (Change to an existing building)

Type (RP/DC):

Size:

Make:

Model:

Orientation (i.e. H, V):

Backflow Prevention Assembly Location (provide a brief explanation of the location of the assembly in the building):

Please note that Colorado Springs Utilities requires Backflow Prevention Assemblies to be approved by the University of Southern California for Make, Model, Size and Orientation. Visit the following website for a listing of approved assemblies <http://fccchr.usc.edu/list.html>.

Fire suppression systems with antifreeze, foam, or other chemical additives requires a reduced pressure principle assembly be installed.

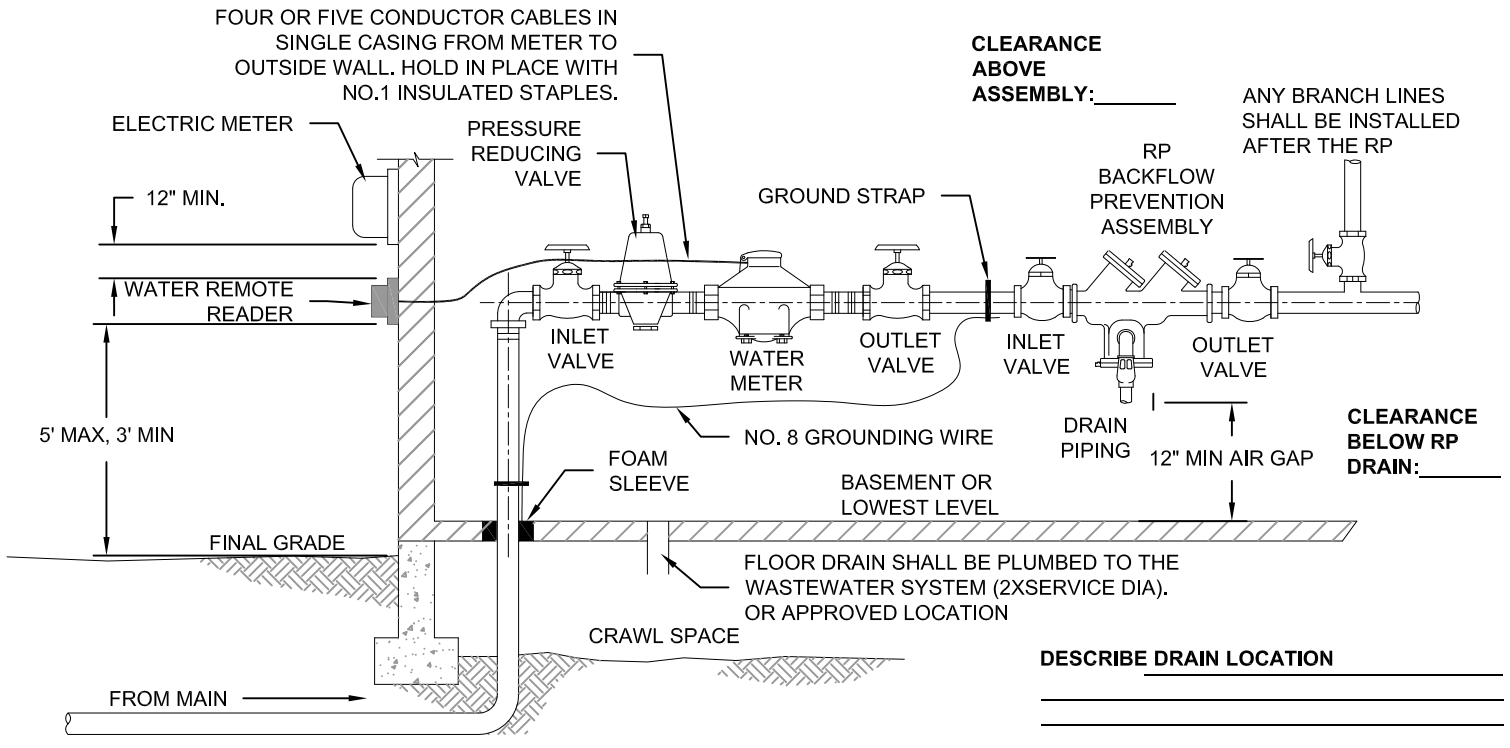
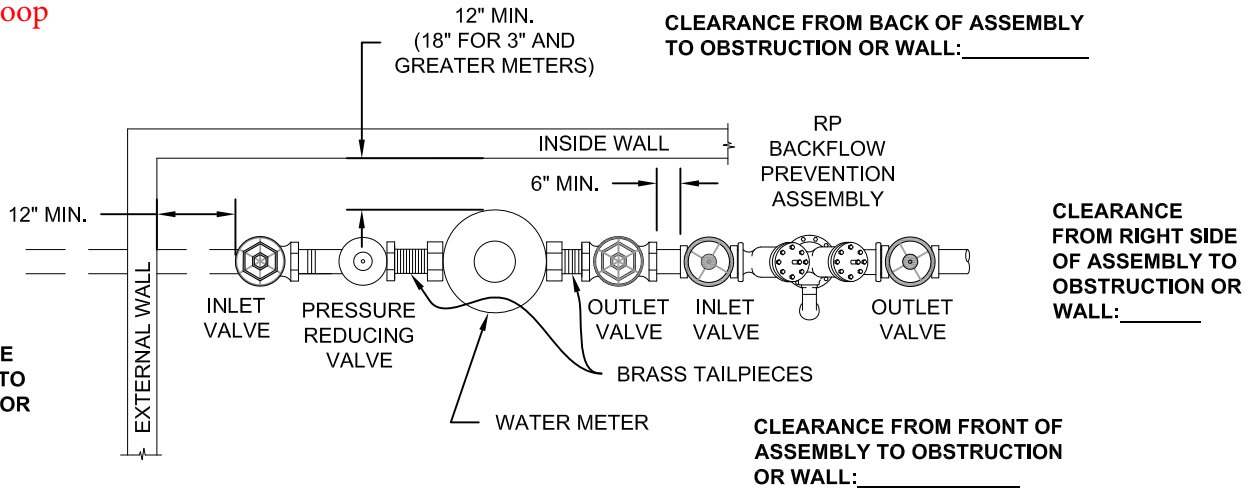
For new construction backflow assembly inspection contact Utilities Field Services at 719-668-7350.

For retrofit backflow assembly inspection contact Utilities Backflow Prevention Program at 719-668-4388.

All backflow prevention assemblies shall be tested by a certified Backflow Prevention Assembly Tester and results submitted to Colorado Springs Utilities prior to Colorado Springs Utilities approval of the final permit.

Contact Colorado Springs Utilities Backflow Prevention Program for more information:  
719-668-4388 or [crossconnection@csu.org](mailto:crossconnection@csu.org)

**No Pro-press or sharkbite fittings  
allowed in meter loop**



## NOTES:

- PLEASE NOTE CLEARANCES AS REQUESTED ABOVE. OBSTRUCTIONS SUCH AS ELECTRIC BOXES MAY REQUIRE ADDITIONAL CLEARANCE.
- REFERENCE THE LATEST COLORADO SPRINGS UTILITIES WATER LINE EXTENSION AND SERVICE STANDARDS FOR COMPLETE DESIGN AND INSTALLATION REQUIREMENTS.
- THE RP BACKFLOW PREVENTION ASSEMBLY SHALL BE LOCATED AFTER THE METER OUTLET VALVE AND BEFORE THE FIRST BRANCH LINE.
- THE BACKFLOW PREVENTER SHALL BE SOLDERED OR FLANGED.
- SHUT-OFF VALVES, CHECK VALVES, AND TEST COCKS SHALL BE STANDARD TO THE APPROVED BACKFLOW PREVENTION ASSEMBLY.
- TEST COCKS SHOULD BE LOCATED FACING THE CLEAR SPACE.
- ASSEMBLIES TO BE SUPPORTED BY A CRADLE PIPE STAND WHERE NECESSARY.
- THE ASSEMBLY SHALL BE INSTALLED AT AN ELEVATION THAT IS NO LESS THAN 30" -60" ABOVE FINISHED FLOOR.
- THE ASSEMBLY SHALL BE PLACED 18" AWAY FROM THE ADJACENT WALL TO THE EDGE OF THE SIDE WITH THE TEST COCK AND A MINIMUM OF 8" FROM ALL OTHER SIDES.
- THE ASSEMBLY SHALL BE PLACED WITH A MINIMUM OF 30" CLEAR SPACE IN FRONT OF THE DEVICE FROM FLOOR TO CEILING.
- A MINIMUM OF 12" SHALL BE MAINTAINED FROM THE BOTTOM OF THE RELIEF VALVE TO THE FLOOR. AN ADEQUATE DRAIN IS REQUIRED FOR THE BACKFLOW PREVENTION ASSEMBLY. (UNDER THE DEVICE WHENEVER POSSIBLE)
- A STRAINER IS RECOMMENDED TO BE INSTALLED BEFORE THE BACKFLOW DEVICE.
- TEST COCKS ARE TO BE USED FOR TESTING OF THE BACKFLOW PREVENTION ASSEMBLY AND SHALL NOT BE MODIFIED