



3/4"–2" REDUCED PRESSURE ASSEMBLY BACKFLOW PREVENTER

NOTES:

1. RP'S MUST BE INSTALLED ABOVE NATURAL GROUND.
2. BOTTOM AND SIDE CLEARANCES APPLY WHEN ASSEMBLIES ARE INSTALLED INSIDE BUILDING. ACCESS DOORS MAY BE PROVIDED ON SIDE OF ABOVE-GROUND VAULT.
3. RP'S SHALL ALWAYS BE INSTALLED ABOVE THE 100 YEAR FLOOD LEVEL UNLESS OTHERWISE APPROVED BY AW.
4. RELIEF VALVES SHALL NOT BE PLUGGED OR EXTENDED.
5. PROVIDE PROTECTION FROM FREEZING.
6. BRASS OR PLASTIC PLUGS SHALL BE PROVIDED IN ALL TEST PORTS.
7. MINIMUM CLEARANCES FOR ASSEMBLIES 2 INCHES AND SMALLER MAY BE REDUCED PROVIDED IT IS ACCESSIBLE FOR TESTING AND REPAIR AND APPROVED BY AW. A MINIMUM CLEARANCE OF 12 INCHES UNDER THE RPPA MUST BE MAINTAINED.
8. DRAIN PIPE SHALL BE SIZED ACCORDING TO THE MANUFACTURERS FLOW CURVE TO DETERMINE THE MAXIMUM DISCHARGE RATE.
9. ACCESS HATCH SHALL BE ABOVE THE CENTERLINE OF THE ASSEMBLY.
10. PROVIDE HEAT WHEN DIRECTED BY AW PROJECT MANAGER.

REVISIONS
12/13 – MSG EDITS
01/16 – MSG EDITS
01/17 – MSG EDITS

AMERICAN WATER STANDARD
CIVIL
**3/4"–2" BACKFLOW PREVENTER–EXTERIOR
REDUCED PRESSURE ASSEMBLY (RP)**

AMERICAN WATER MILITARY SERVICES GROUP
MT LAUREL, NJ 08054

AMERICAN WATER M.S.G.
330 FELLOWSHIP ROAD
MT LAUREL, NJ 08054



DRAWN BY JRQ
PROJECT ENG'R PDK
APPROVED

DATE 12-08-11
PROJECT IP

USE DIMENSIONS ONLY
SCALE N.T.S.

USE APPROVED DRAWINGS ONLY
FOR CONSTRUCTION PURPOSES

MSG-W-21

FINAL

MSG-W-21