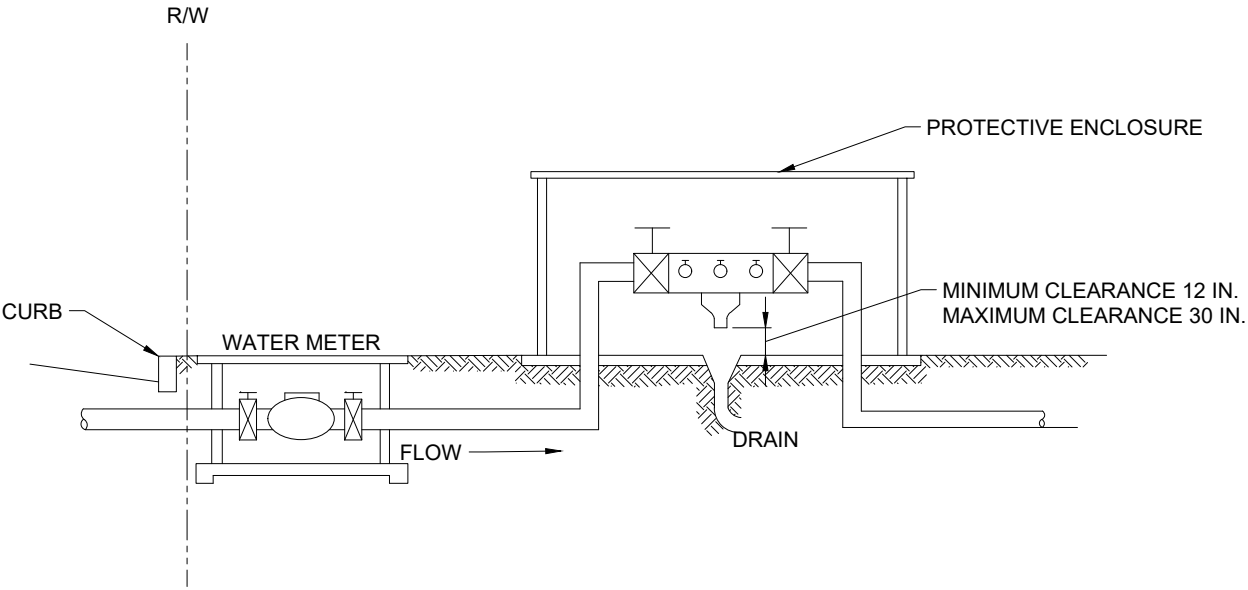
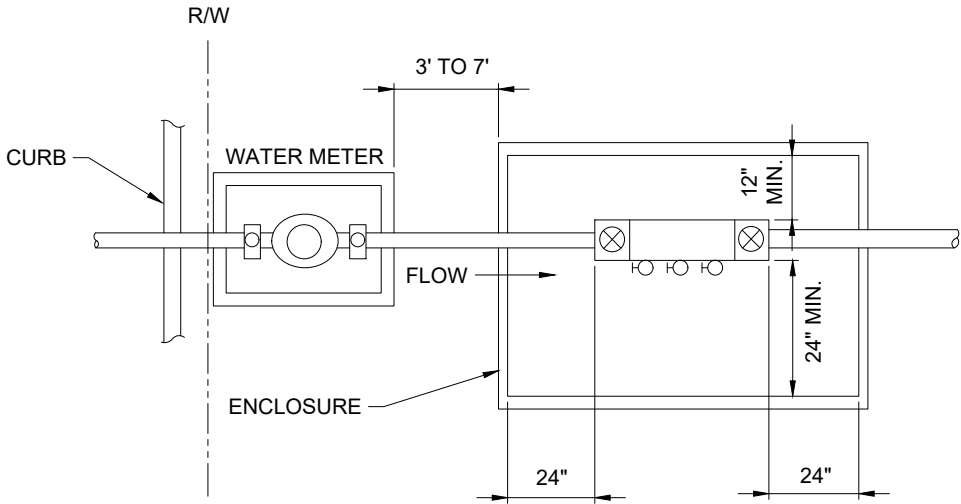


820 - Reduced Pressure Principle Backflow Prevention Assembly (2).dwg March 17, 2026 - 4:15pm



TYPICAL INSTALLATION PROFILE
N.T.S.



TYPICAL INSTALLATION - PLAN VIEW
N.T.S.

- NOTES:
1. THE REDUCED-PRESSURE BACKFLOW PREVENTION ASSEMBLY (RPBA) SHALL BE INSTALLED WITH ADEQUATE SPACE TO FACILITATE MAINTENANCE AND TESTING. THE INSTALLATION SHOULD NOT REQUIRE PLATFORMS, LADDERS OR LIFTS FOR ACCESS. ADEQUATE CLEARANCE FROM THE FLOOR, CEILING, AND WALLS MUST BE PROVIDED TO FACILITATE THE REMOVAL OF THE RELIEF VALVE AND/OR CHECK VALVES.
 2. PROTECT THE RPBA FROM FREEZING TEMPERATURES.
 3. IF INSTALLED WHERE TEMPERATURES WILL REACH 110 DEGREES FAHRENHEIT, A HOT-WATER TYPE ASSEMBLY MUST BE USED.
 4. AN RPBA SHALL NOT BE INSTALLED IN A PIT BELOW GROUND LEVEL.
 5. BEFORE INSTALLING AN RPBA, ENSURE THAT THE RELIEF VALVES ARE IN GOOD WORKING CONDITION.
 6. IF THE RPBA IS LOCATED INSIDE THE BUILDING, A DRAIN MUST BE PROVIDED TO RECEIVE SPILLAGE FROM THE RELIEF VALVE PORT. THE RELIEF VALVE PORT MUST ALWAYS HAVE AN APPROVED AIR GAP BETWEEN IT AND THE DRAIN OR MAXIMUM FLOOD LEVEL WHICHEVER IS HIGHEST.
 7. THE RPBA SHALL NOT BE INSTALLED IN AN AREA WHERE CORROSIVE FUMES OR GASES COULD RENDER THE ASSEMBLY INOPERABLE.

FULTON COUNTY STANDARD DETAIL 820

REDUCED PRESSURE BACKFLOW
PREVENTION ASSEMBLY

DATE	REVISIONS	DATE	REVISIONS

DGS/DRN/CHKD: MB/EB/ML

APPROVED: TM

DATE: 02-18-2026



FULTON COUNTY PUBLIC WORKS
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404-612-7400 FAX: 404-224-0498

DRAWING NO.

820