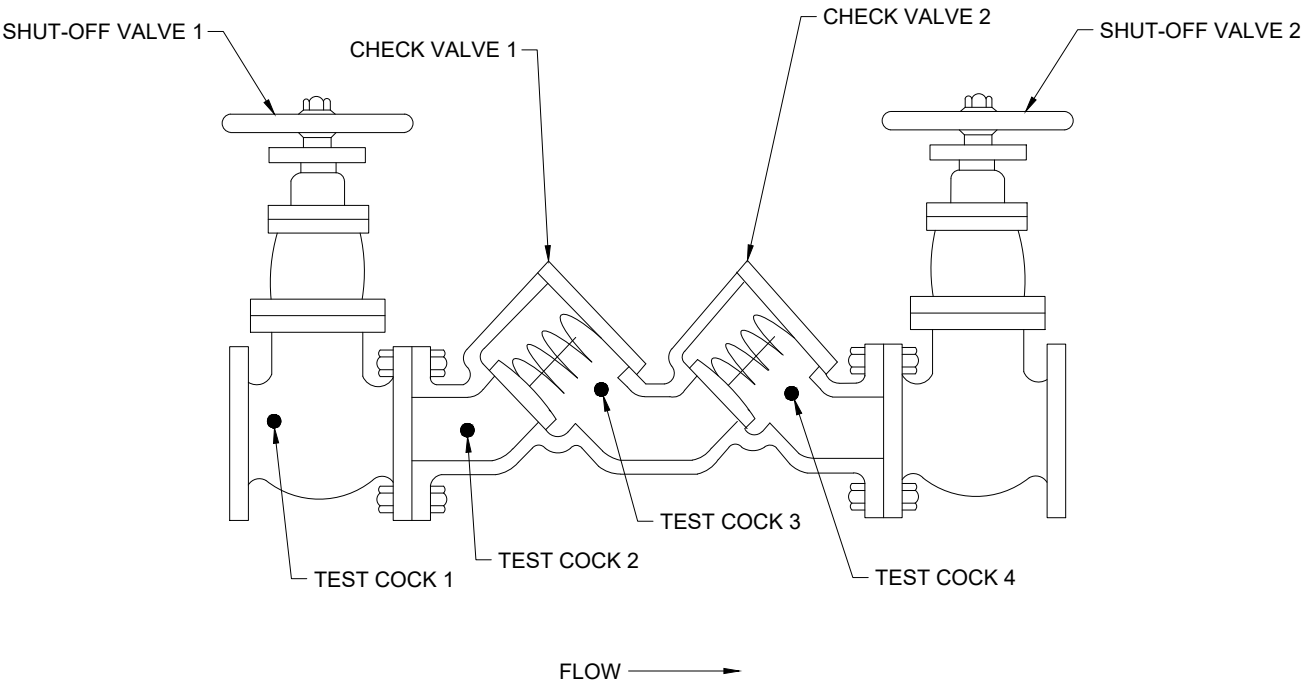


NOTES:

- 1. INSTALLATION OF THE AIR-GAP OR MECHANICAL BACKFLOW PREVENTION ASSEMBLY SHALL BE SUBJECT TO THE APPROVAL OF FULTON COUNTY PUBLIC WORKS.
- 2. ANY DEVIATION FROM THE METHODS SPECIFIED MUST RECEIVE APPROVAL PRIOR TO INSTALLATION.
- 3. ALL MECHANICAL BACKFLOW PREVENTION ASSEMBLIES APPROVED BY FULTON COUNTY PUBLIC WORKS FOR INSTALLATION AT THE SERVICE CONNECTION MUST BE APPROVED BY THE FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH, UNIVERSITY OF SOUTHERN CALIFORNIA. THESE ASSEMBLIES ARE ONLY APPROVED FOR THE HORIZONTAL ORIENTATIONS.
- 4. CHOICE OF THE TYPE OF BACKFLOW PREVENTION ASSEMBLY, I.E. REDUCED PRESSURE PRINCIPLE OR DOUBLE CHECK VALVE ASSEMBLY (DCVA), WILL BE BASED ON THE DEGREE OF HAZARD AS EVALUATED BY FULTON COUNTY PUBLIC WORKS.
- 5. FOR FURTHER INFORMATION, REFER TO THE FULTON COUNTY MANUAL ON CROSS-CONNECTIONS.
- 6. THE DCVA SHOULD BE INSTALLED WITH ADEQUATE SPACE TO FACILITATE MAINTENANCE AND TESTING AND SHOULD HAVE FREE ACCESS WITHOUT THE USE OF PLATFORMS, LADDERS, OR LIFTS.
- 7. THE DCVA SHOULD BE INSTALLED BELOW GROUND LEVEL.
- 8. ALL DCVAS SHALL BE INSTALLED IN A HORIZONTAL POSITION UNLESS OTHERWISE RECOMMENDED BY THE MANUFACTURER AND/OR FULTON COUNTY PUBLIC WORKS.
- 9. DCVA MUST BE PROTECTED FROM FREEZING TEMPERATURES. FOR TEMPERATURES OF 100 DEGREES FAHRENHEIT (43 DEGREES CELSIUS) OR ABOVE, CONSULT MANUFACTURER'S LITERATURE FOR RECOMMENDATIONS.



TYPICAL DOUBLE CHECK VALVE ASSEMBLY DETAIL  
N.T.S.

FULTON COUNTY STANDARD DETAIL 821  
DOUBLE CHECK VALVE ASSEMBLY

| DATE | REVISIONS | DATE | REVISIONS |
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DGS/DRN/CHKD: MB/EB/ML  
APPROVED: TM  
DATE: 02-18-2026



FULTON COUNTY PUBLIC WORKS  
141 PRYOR ST. ATLANTA, GA. 30303  
404-612-7400 FAX: 404-224-0498

DRAWING NO.  
821