



**DeKalb County Department of Watershed Management Check List
for Backflow Prevention Design Plan Review & Approval**

Review No. 1 2 3 4	Project Name:
Reviewed By:	Application Number:
Date:	Street Address:
Engineer/ Developer Name & contact information's:	

1. DeKalb County DWM Standards can be purchased at location.

Engineering & Technical Services
1580 Roadhaven Drive
Stone Mountain, GA 30083
770-621-7272 or 770-414-2383

2. Check List Procedure:

- Address/Incorporate comments Marked in Red.
- Return Check list with Redline plans and with revised plans for review.
- All engineering drawings and calculations must be sealed ,signed and dated by Georgia Registered Professional Engineer.

3. Review Check List Items:

The following items marked with an “X” need to be addressed.

- Show all existing and proposed connection to DeKalb County water mains.
- Show all existing and proposed backflow prevention devices. Label type, size and location.
- Include note on the cover sheet describing the proposed use of the facility.
- Include reference notes of standards, details, and notes for backflow prevention from DCDWM Design Standards.
- Indicate on plans if there are any cross connections on the site.
- Is there proposed or existing swimming pool on the site? (Show note on the plan)

- Are there any carbonated soda machines on proposed or existing site? (Show note on the plan)
- Is there proposed or existing Chiller plant on the site? (Show note on the plan)
- Are there any hazardous or nonhazardous systems connected with DeKalb County Water Distribution system? (Show note on the plan)

4. Domestic water service lines:

- Show the size of domestic water service line and water meter location and size.
- _____R.P.Z. (Reduced Pressure Zone) is required to be installed as close as practical to property line, above ground in a weather protective box. R.P.Z. location must be outside of Public R.O.W. and outside of DeKalb county water lines easements, water meter easements and any other DeKalb County & Utility Companies easements.
- _____DC (Double Check) is required to be installed on domestic water line as close as practical to property line, outside of Public R.O.W. and outside of DeKalb county water lines easements, water meter easements and any other DeKalb County & Utility Companies easements.
- Size of the water main Tap, water service line, domestic water meter and Backflow prevention device must be the same.

5. Irrigation Water service lines:

- Is there separate connection for the water irrigation system?
- Show size of irrigation water service line, irrigation water meter size and location.
- _____R.P.Z. (Reduced Pressure Zone) is required to be installed as close as practical to property line, above ground in a weather protective box. R.P.Z. location must be outside of Public R.O.W. and outside of DeKalb county water lines easements, water meter easements and any other DeKalb County & Utility Companies easements.
- Size of the water main Tap, irrigation water service line, irrigation water meter and R.P.Z. Backflow prevention device must be the same.

6. Fire lines:

- Is there proposed or existing fire line?
- If yes, show fire line Tap size, fire line size and location.
- _____ DDCVA (Double Detector Check Valve Assembly) is required to be installed as close as practical to property line, in a vault, outside of Public R.O.W. and outside of DeKalb county water lines easements, water meter easements and any other DeKalb County & Utility Companies easements.
- Size of the water main Tap, fire line, and DDCVA backflow prevention device must be the same.

7. Backflow Preventer details:

- Show DeKalb County DWM Standard _____ RPZ detail.
- Show DeKalb County DWM Standard _____ DC detail.
- Show DeKalb County DWM Standard _____ DDCVA detail.

8. Proposed Remodeling and Addition of existing development.

- Test All existing backflow prevention devices and submit test reports with your plans.
- If any of backflow prevention devices fails the test, then it must be repaired or replaced and re-tested until it will pass the test.

9. Show these notes on your proposed plans:

“BACKFLOW PREVENTION NOTES:”

1. All required backflow prevention devices must be installed per DCDWM Standards as close as Practical to the property line, outside of public R.O.W., outside of DeKalb county water lines easements, water meter easements and any other DeKalb County & Utility Companies easements.
2. Installation of backflow prevention devices inside of the building is not allowed without prior approval from Backflow Prevention Division of DCDWM.
3. Call (404) 687-4075 Backflow prevention inspection department prior to installing any Backflow prevention devices.

10. Information Notes:

1. The Backflow Prevention Inspection is a separate inspection and apart from Plumbing Inspection.
2. The Backflow Prevention Inspection ensures compliance with DeKalb County Cross Connection Control & Backflow Prevention Program, EPD regulations and EPA regulations.
3. Plumbing Inspection ensures compliance with International Plumbing Code (IPC) - with Georgia Amendments.

Project notes & Plan review notes:

Contact information:

Manager of Cross Connection Control & Backflow Prevention Program

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Engineering Plan Review:

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