**Backflow Prevention Device Design Data Sheet (Permit Application)**

*This application must be reviewed and approved by the North Chelmsford Water District prior to device installation*

1. **Property and Contact Information**

Property Owner:

Property Owner Telephone No./Email Address:

Facility Name *(if applicable)*:

Property Address:

Please select one of the following reasons for your permit request:

New construction  Planned renovations  Taking action to comply with a violation notice

1. **Backflow Prevention Device Information**

Please describe the type of cross-connection (e.g. fire suppression system with glycol) to be protected:

Device Type:

Reduced Pressure Backflow Preventer (RPZ)

Double Check Valve Assembly (DCVA)

Pressure Vacuum Breaker (PVB)

Spill-Resistant Vacuum Breaker (SRVB)

Device Size, Manufacturer, and Model:

Water System Type:  Domestic  Fire Suppression

Device Location:

Will the device be installed on a bypass?  Yes  No

1. **Backflow Prevention Device Installation Schematic Requirements**

*Please refer to 310 CMR 22.22, Section 11: Installation Requirements, for installation guidelines\**

The following items must be included on your schematic, or your application will be denied:

1. Property name (if applicable), property address, schematic preparer, and date of preparation
2. Location of upstream and downstream shutoff valves
3. Device alignment on the system
4. Location of potable water lines
5. Distance from the finished floor and wall(s) to the device
6. System (including operating pressure, chemical treatment, etc.), source, or equipment fed downstream of the device

*\*RPZs must be installed between 36” and 48” above the finished floor and minimum 12” from any wall*

*\*DCVAs must be installed between 12” and 48” above the finished floor and minimum 12” from any wall*

*\*PVBs/SRVBs must be installed vertically at least 6” above the flood level rim of the fixture they serve*

Submitted By:

Company Name:

Telephone No.: