

BACKFLOW PREVENTION DEVICE DESIGN DATA SHEET

COMPLETE AND SUBMIT THIS FORM FOR EACH BACKFLOW PREVENTION DEVICE. DO NOT LEAVE ANY FIELD BLANK

FACILITY ADDRESS

STREET NO _____

LOT/UNIT NO _____

STREET NAME _____

OWNER INFORMATION

NAME _____

CONTACT PERSON/TITLE _____

STREET ADDRESS _____

OFFICE PHONE _____

MOBILE PHONE _____

CITY _____

STATE _____

ZIP CODE _____

EMAIL ADDRESS _____

TYPE

PROVIDE A GENERAL DESCRIPTION OF THE ACTIVITIES CONDUCTED AT THIS FACILITY

NEW FACILITY _____
 EXISTING FACILITY _____
 FACILITY REHABILITATION _____

DEVICE DATA

MANUFACTURER MAKE _____

MODEL NO _____

SIZE _____

DEVICE TYPE

HOT OR COLD-WATER UNIT

RPBP - REDUCED PRESSURE BACKFLOW PREVENTER
 DCVA - DOUBLE CHECK VALVE ASSEMBLY
 PVB - PRESSURE VACUUM BREAKER

HOT COLD

SERVICE TYPE

MATERIAL

DOMESTIC FIRE SPRINKLER IRRIGATION

BRONZE IRON STAINLESS STEEL

ALIGNMENT

SHUT OFF VALVE TYPE

BYPASS ARRANGEMENT

UL OR FM APPROVAL

VERTICAL
 HORIZONTAL

BALL OS & Y BUTTERFLY
 OTHER _____

IF OTHER SPECIFY ABOVE _____

YES

NO

YES

NO

HOW MANY OTHER RPBP OR DCVA DEVICES ARE LOCATED AT THIS FACILITY?

WHAT IS THE EXACT LOCATION OF THE DEVICE WITHIN THE FACILITY?

FROM WHAT TYPE OF CONTAMINATION IS THE WATER SUPPLY PROTECTED?

ANTICIPATED INSTALLATION DATE:

A bypass arrangement (or bypass line) is a secondary, smaller pipe looping around the main backflow preventer, allowing for continuous water service when the main unit needs testing, maintenance, or repair, preventing service interruption to the building.

UL (Underwriters Laboratories) or FM Approval (Factory Mutual): Backflow preventer is independently tested and certified for safety and reliability, typically for fire protection. A UL or FM mark/stamp is located on the device body or identification plate.

THIS FORM HAS BEEN SUBMITTED BY

COMPANY NAME	CONTACT PERSON/TITLE		
MAILING ADDRESS	OFFICE PHONE	MOBILE PHONE	
CITY	STATE	ZIP CODE	EMAIL ADDRESS

MA LICENSED PLUMBER OR SPRINKLER FITTER INFORMATION

COMPANY NAME	LICENSE HOLDER NAME		
MAILING ADDRESS	OFFICE PHONE	MOBILE PHONE	
CITY	STATE	ZIP CODE	EMAIL ADDRESS
MA LICENSE NUMBER			
SIGNATURE	DATE		

SUBMIT THIS FORM TOGETHER WITH:

- GENERAL WATER PERMIT APPLICATION AND PAYMENT IN FULL (COMPLETED AND DULY APPROVED)
- PIPING SCHEMATIC (FULLY LABELED/DETAILED)
- MANUFACTURER'S PRODUCT SPECIFICATION SHEET

A Backflow Prevention Device associated with an existing project, for which a General Water Permit application and fee have been duly submitted and accepted, shall be exempt from a separate filing, provided that the device is explicitly identified on the original permit application and complies fully with the Sudbury Water District rules and regulations and cross-connection control requirements.

REQUIRED ACCESS AND POSITION OF THE BACKFLOW PREVENTION DEVICE

1. The backflow preventer and shut-off valves must be installed horizontally, with the bottom of the device 3–4 feet above the floor and at least 12 inches away from any wall.
2. Vertical installation may only be used if approved by the Sudbury Water District's Cross Connection Control Program Coordinator.
3. The device must be located to allow easy access and sufficient space for maintenance, inspection, and testing.
4. The device owner must allow water line shutdowns, after reasonable notice during normal business hours, to permit testing and maintenance. If such access is not feasible, a bypass line with a District-approved backflow preventer must be installed.

PIPING SCHEMATIC

A fully labeled detailed schematic of the potable and non-potable water piping immediately surrounding the backflow prevention device must include at minimum:

A. COMPLETE TITLE BLOCK	E. DEVICE ALIGNMENT
I. FACILITY NAME AND STREET ADDRESS	F. LOCATION OF UPSTREAM AND DOWNSTREAM SHUT-OFF VALVES
II. PREPARERS NAME, COMPANY NAME AND ADDRESS	G. TYPE OF EQUIPMENT OR SYSTEM(S) DOWNSTREAM (AFTER) THE BACKFLOW PREVENTION DEVICE (CHEMICAL TREATMENT, OPERATING PRESSURE, ETC.)
B. MANUFACTURER NAME MAKE MODEL SIZE	
C. HEIGHT ABOVE FINISHED FLOOR	
D. DISTANCE FROM WALLS	

DO NOT WRITE BELOW THIS LINE – FOR DISTRICT USE ONLY**The following documents have been received in compliance with Sudbury Water District Cross Connection Control Program Regulations:**

Submittals Received: <input type="checkbox"/> BPDDDS <input type="checkbox"/> Piping Schematic (Fully Labeled/Detailed) <input type="checkbox"/> Manufacturer's Product Specification Sheet	Application is: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	Comments if Denied: _____ _____ _____
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DATE