

INSTALLATION DETAILS FOR SINGLE WATER METER WITH BACKFLOW PREVENTER AND NO FIRE PROTECTION:

1. ALL WATER METERS LARGER THAN 1" (25mm) SHALL BE INSTALLED BY A CERTIFIED PLUMBER.
2. A CLEAR PATH TO INSTALLATION AREA SHALL BE PROVIDED. THE INSTALLATION AREA AROUND THE METER SETTING MUST BE CLEAR OF DEBRIS AND ANY CONSTRUCTION MATERIAL.
3. INSTALLATION AREA SHALL BE FREE AND CLEAR OF WATER LEAKS.
4. CONNECTIONS UPSTREAM OF THE WATER METER ARE NOT PERMITTED.
5. ALL FITTINGS AND VALVES MUST BE CSA APPROVED AND LEAD-FREE. COPPER PIPING TO BE USED FROM ENTRY POINT OF WATER SERVICE LINE UP TO 6" BEYOND THE OUTLET VALVE, LOCATED AFTER THE WATER METER. NO PLASTIC COUPLINGS TO BE USED. *JUMPER MATERIAL IN METER SETTING SPACE DOES NOT NEED TO BE COPPER AS IT WILL BE REMOVED.
6. ALL VALVES SHALL BE BALL VALVE TYPE.
7. AN INLET VALVE MUST BE INSTALLED BEFORE THE METER. AN OUTLET VALVE (ISOLATION VALVE) MUST BE INSTALLED ON THE OUTLET SIDE OF THE METER SETTING
8. THE CC VALVE AND SHUT-OFF VALVE MUST BE TURNED ON FOR METER INSTALLATION
9. ANCHORS ARE TO BE PROVIDED ON BOTH OUTLET AND INLET PIPES TO ENSURE ALIGNMENT. PROVIDE ANCHORS AND SUPPORTS, AS REQUIRED, TO ENSURE WEIGHT OF METER, PIPES AND OTHER COMPONENTS IN THE METER SETTING ARE FULLY SUPPORTED.
10. THE WATER METER CANNOT BE INSTALLED IN A CONFINED SPACE (EG: CRAWL SPACE).
11. MINIMUM DISTANCE OF CENTERLINE OF ANY PIPING ADJACENT TO METER SETTING MUST BE AT LEAST 12" (300mm) FROM ANY ENTRANCE, WALL OR GRADE WALL.
12. AN UNOBSTRUCTED AREA OF 36" (900mm) IN FRONT OF METER SHALL BE MAINTAINED.
13. THE METER SETTING MUST BE IN A HORIZONTAL PLANE.
14. VALVES OR FITTINGS ON SIDES CONNECTING TO THE METER MUST BE FEMALE THREADED IN:
 - a. 3/4" (20mm) FOR 5/8" x 3/4" (16mm) METER,
 - b. 3/4" (20mm) FOR 3/4" (20mm) METER, AND
 - c. 1" (25mm) FOR 1" (25mm) METERS.
15. LAWN SERVICES MUST BE IDENTIFIED WITH A METAL OR PLASTIC TAG SECURELY ATTACHED TO THE SHUT-OFF VALVE HANDLE OF THE METER IT SERVES.
16. PREMISES ISOLATION OF THE WATER SUPPLY (FIRE, DOMESTIC, IRRIGATION, OTHER) IS MANDATORY FOR ALL COMMERCIAL, INDUSTRIAL, AND MULTI-RESIDENTIAL BUILDINGS.

REVISIONS			 BEAUMONT SINGLE WATER METER SETTING WITH BACKFLOW PREVENTER AND NO FIRE PROTECTION DETAILS
Date	Details	By	
JAN 2026	ADDED NOTES, THREAD SIZE	ME	Date: MAR/2019 Scale: N.T.S.
			DWG. NO. WM002B