



METER SIZE		"A"		"B" MAX.		"B" MIN.		"C" MIN.		"D" MIN.		"H" MIN.	
INCHES	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm
5/8" X 3/4"	16	11 3/4" - 12 1/4"	298 - 311	36"	900	24"	610	36"	900	6"	150	18"	450
3/4"	20	13 1/4" - 13 3/4"	337 - 349	36"	900	24"	610	36"	900	7"	175	18"	450
1"	25	15 1/4" - 15 3/4"	387 - 400	36"	900	24"	610	36"	900	8"	200	18"	450

NOTE: TO BE USED WITH DETAILS ON DWG. NO. WM003B

REVISIONS			BEAUMONT	
Date	Details	By	SINGLE WATER METER SETTING WITH FIRE PROTECTION, BACKFLOW PREVENTERS AND NO BYPASS SCHEMATIC	
JAN 2026	5/8" SIZE REQUIREMENTS	ME		
			Date: MAR/2019	DWG. NO.
			Scale: N.T.S.	WM003A

INSTALLATION DETAILS FOR A SINGLE WATER METER WITH FIRE PROTECTION, BACKFLOW PREVENTERS AND NO BYPASS:

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 (BALL VALVE TYPE ONLY) MUST BE CSA APPROVED AND LEAD-FREE.
6. A MASTER CONTROL VALVE MUST BE INSTALLED BEFORE THE DOMESTIC SUPPLY SERVICE. NO OTHER VALVE TO CONTROL FIRE PROTECTION SERVICE SHALL BE INSTALLED EXCEPT A BACKFLOW PREVENTER.
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. APPROVED ASSEMBLIES MUST BE SELECTED, INSTALLED, AND TESTED AS PER CSA B64.10.

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JAN 2026	THREAD SIZE	ME	SINGLE WATER METER SETTING WITH FIRE PROTECTION, BACKFLOW PREVENTERS AND NO BYPASS DETAILS
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