

METER SIZE		"A"		"B" MIN.		"C" MIN.	
INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
5/8"	16	11 1/2" - 12"	292mm - 305mm	21"	535mm	36"	900mm
3/4"	20	13 1/4" - 13 3/4"	337mm - 349mm	21"	535mm	36"	900mm
1"	25	15 1/4" - 15 3/4"	387mm - 400mm	21"	535mm	36"	900mm
1 1/2"	40	30"	762mm	21"	535mm	36"	900mm

NOTE: TO BE USED WITH DETAILS ON DWG. NO. WM005B

REVISIONS			By	Date: MAR/2019	DWG. NO. WM005A
Date	Details				

BEAUMONT

WATER METER BANK SETTINGS WITH FIRE PROTECTION AND BACKFLOW PREVENTERS SCHEMATIC

Date: MAR/2019


DWG. NO.

Scale: N.T.S.

WM005A

INSTALLATION DETAILS FOR WATER METER BANKS WITH FIRE PROTECTION AND BACKFLOW PREVENTERS:

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.
6. A MASTER CONTROL VALVE MUST BE INSTALLED BEFORE THE DOMESTIC SUPPLY SERVICE. NO OTHER VALVE TO CONTROL THE FIRE PROTECTION SERVICE SHALL BE INSTALLED EXCEPT A BACKFLOW PREVENTER.
7. AN INLET AND AN OUTLET VALVE IS REQUIRED FOR EACH WATER METER SETTING.
8. THE CC VALVE/MAIN WATER VALVE AND MASTER CONTROL 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. EACH METER SETTING MUST BE IN A HORIZONTAL PLANE.
14. VALVES OR FITTINGS ON SIDES CONNECTING TO THE METER MUST BE FEMALE THREADED IN:
 - a. 1/2" (13mm) FOR 5/8" (16mm) METER,
 - b. 3/4" (20mm) FOR 3/4" (20mm) METER, AND
 - c. 1" (25mm) FOR 1" (25mm) METERS.
15. IDENTIFICATION TAGS ARE REQUIRED ON EACH INLET VALVE FOR ANY MULTIPLE METER INSTALLATION; AND ANY LAWN SERVICE MUST BE UNIQUELY IDENTIFIED SEPARATE FROM ANY OTHER DOMESTIC WATER SERVICE.
 - a. EACH TAG SHALL HAVE CIVIC ADDRESS THE WATER METER IS SERVING
 - b. TYPESET MINIMUM HEIGHT SHALL BE 3/16" (5mm) FOR ENGRAVED METAL OR PLASTIC TAGS
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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