



Pipe Size		Minimum Floor Area Required					
inches	mm	length	width	area	length	width	area
2"	50	5ft.	4.5ft.	22.5 sq. ft.	1.5m	1.4m	2.1 sq. m.
3"	75	7ft.	4.5ft.	31.5 sq. ft.	2.1m	1.4m	2.9 sq. m.
4"	100	7ft.	4.5ft.	31.5 sq. ft.	2.1m	1.4m	2.9 sq. m.
6"	150	8ft.	4.5ft.	36.0 sq. ft.	2.4m	1.4m	3.4 sq. m.

Pipe Size		A		B		C		D		E		F		G					
inches	mm	in.	mm	minimum	maximum	minimum	maximum	minimum	maximum	minimum	maximum	minimum	maximum	minimum	maximum				
2"	50	36	900	15	375	18	450	36	900	18	450	48	1200	18	450	24	610	48	1200
3"	75	42	1050	15	375	18	450	36	900	18	450	54	1350	18	450	24	610	48	1200
4"	100	42	1050	15	375	18	450	36	900	18	450	60	1525	18	450	24	610	48	1200
6"	150	48	1200	18	450	18	450	36	900	18	450	66	1675	18	450	24	610	48	1200

NOTE:

- Meter settings constructed using plastic piping shall have adequate anchoring on each side of the meter capable of keeping the pipe in alignment and supporting the weight of the meter, pipe and all other components.
- Valve X & Y must be female threaded or flanged and cannot be Butterfly valves.
- Valve Z may be located at any point on the bypass, provided that it is always within the 66" (1675mm) maximum distance from the floor.
- The main pipe alignment must be a minimum 18" (450mm) from any wall, partition, fixture, or other piping.
- The space above floor area C x E must be free from obstructions to a height of 78" (1980mm).
- All combined domestic and fire protection supply services must have a master control valve before domestic supply take-off. No other valve to control fire protection supply except backflow preventer.**
- Water service piping outside building and through building wall to be installed in accordance with the EPCOR WATERWORK BYLAW*12585, AS AMENDED..
- Contact Epcor Water Services Inc. at 412-3800 prior to installation of a system which will meter both fire supply and domestic supply lines.
- Buildings with more than one meter must have a metal or plastic log securely attached to the control valve handle of the meter it serves. The tag must have the service address engraved on it in letters or numbers at least 5mm (3/16") in height. Lawn services must also be identified with tags.
- 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.
- Outflow and inflow sides of meter setting to be adequately supported.

20170215 11:23 cawright 2520-04.dgn

SPECIFICATIONS FOR METER SETTINGS WITH VERTICAL BYPASSES



APPROVED MARCH 2017	DRAWN BY DV/CW
SCALE N T S	CHECKED BY David M.

APPROVED <i>Susan Ol</i>	DIRECTOR, WATER DISTRIBUTION AND TRANSMISSION
-----------------------------	---

DRAWING NUMBER 2520-04
REVISION 0