



METER SPACER LENGTH	'A'
25mm - (1")	273mm
40mm - (1-5/8")	330mm
50mm - (2")	432mm



#### METER SETTING REQUIREMENTS

PROVIDE 300mm WORKING CLEARANCE IN FRONT OF AND ON BOTH SIDES OF THE METER TO PERMIT INSTALLATION AND SERVICING. TOP OF HIGHEST METER TO BE MAXIMUM OF 1.6m FROM FLOOR.



INSET  
N.T.S.

#### NOTES:

1. PIPING ON EACH SIDE OF METER MUST BE ADEQUATELY SUPPORTED TO THE SATISFACTION OF THE WATERWORKS METER SECTION.
2. PIPING FOR METER MUST BE ON A HORIZONTAL PLANE.
3. MINIMUM DISTANCE OF 300mm BETWEEN ANY WALL OR FLOOR AND A METER OR METER TREE.
4. VALVES ARE REQUIRED ADJACENT TO METERS (INLET AND OUTLET SIDE).
5. ALTERNATE ARRANGEMENT OF PIPING AND VALVING MUST HAVE THE APPROVAL OF THE WATERWORKS METER SECTION PRIOR TO INSTALLATION.
6. THE AREA FOR 600mm IN FRONT OF THE METER SHALL BE FREE OF OBSTRUCTION TO ALLOW FOR CONVENIENT READING AND SERVICING OF THE METER. 2 METER HEADROOM MUST BE PROVIDED IN THIS AREA.
7. METERS MUST BE INSTALLED IN THE MECHANICAL ROOM AND WITHIN REASONABLE DISTANCE OF A FLOOR DRAIN. IN NO CASE SHALL A METER BE INSTALLED IN A BATHROOM, BEDROOM, CRAWL SPACE, GARAGE OR UNDER A STAIRWELL. METER LOCATIONS MUST BE APPROVED BY WATERWORKS.
8. METER SPACERS TO BE SUPPLIED BY CITY OF CALGARY (FOR USE WITHIN CITY LIMITS) PHONE 311.
9. ALL FITTINGS AND PIPE ARE TO BE BRASS, SOLDERED COPPER, OR PEX.
10. SERVICE VALVES, MAIN VALVES OR ANY OTHER CITY OWNED WATERWORKS APPURTENANCES SHALL BE OPERATED BY WATER SERVICES PERSONNEL ONLY.
- \*11. THE BY-PASS VALVE SHALL BE A FULL PORT GATE VALVE (A BALL VALVE IS NOT ACCEPTABLE). ALL OTHER VALVES SHALL BE FULL PORT GATE OR BALL VALVES.
12. AN APPROVED PREMISE ISOLATING CROSS CONNECTION DEVICE SHALL BE INSTALLED IMMEDIATELY AFTER THE WATER METER SETTING ON ALL COMMERCIAL, INDUSTRIAL AND MULTI FAMILY RESIDENTIAL (3 UNITS OR MORE) SERVICES.  
FOR DOMESTIC SERVICES THAT REQUIRE A 24 HOUR UNINTERRUPTED WATER SUPPLY, A PARALLEL CROSS CONNECTION CONTROL DEVICE ARRANGEMENT (SEE SHEET No. 27) MUST BE INSTALLED TO FACILITATE ANNUAL TESTING & ROUTINE MAINTENANCE OF THE CROSS CONNECTION CONTROL DEVICE(S).
13. A BYPASS LINE THE SAME SIZE AS THE MAIN PIPE IS REQUIRED. BYPASS IS NOT REQUIRED FOR IRRIGATION METERS
14. WATER CONNECTIONS (IE. DRAIN DOWN VALVE OR HOSE BIBB ETC.) SHALL NOT BE PERMITTED BEFORE THE APPROVED CROSS CONNECTION CONTROL DEVICE. FOR INQUIRY CALL 311.
15. AN APPROVED PREMISES-ISOLATING CROSS CONNECTION CONTROL DEVICE SHALL BE INSTALLED IMMEDIATELY AFTER THE WATER METER OUTLET VALVE ON ALL IRRIGATION SERVICES.
16. METERS ARE SIZED ONE PIPE SIZE SMALLER THAN THE DIAMETER OF SERVICE PIPE INSTALLED UNLESS OTHERWISE SUPPORTED BY DESIGN CALCULATIONS.

DIMENSIONS ARE IN MILLIMETRES  
UNLESS OTHERWISE NOTED

11	2018/04/30	METER SETTING REQUIREMENT NOTE ADDED	B.N.	Date	1994/12/20		WATERWORKS CONSTRUCTION	Sheet <b>31</b>
10	2017/03/09	REVISED TABLE AND NOTE	B.N.	Scale	N.T.S.			
9	2017/02/08	REVISED NOTES	B.N.	Approved by				
8	2009/12/10	ADDED FLOOR DRAIN	B.N.	for The City of Calgary				
7	2008/10/15	REVISED NOTE No. 14	B.N.					
6	2007/10/04	ADDED & REVISED NOTES & CHANGED PHONE No. TO 311	B.N.					
No.	Date	Revision	App'd	TYPICAL METER INSTALLATION 40mm & 50mm				File Number 453.1009.008

ISC: Unrestricted