



PROPOSED ADDITION TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS



**THE CITY OF WINNIPEG**  
**WATER & WASTE DEPARTMENT**

INSTALLATION DETAILS FOR  
 POSITIVE DISPLACEMENT AND  
 NON-MECHANICAL TYPE WATER METER  
 IN BUILDINGS  
 20mm & 25mm DOMESTIC SERVICE PIPE


# INSTALLATION DETAILS FOR

## POSITIVE DISPLACEMENT AND NON-MECHANICAL TYPE WATER METER IN BUILDINGS 20mm & 25mm DOMESTIC SERVICE PIPE

METER SIZE	A (mm)
16mm (5/8")	318
20mm (3/4")	362
25mm (1")	413

**NOTES:**

- 1) PIPE SUPPORT / ANCHORING MUST BE PROVIDED TO MAINTAIN PIPE ALIGNMENT AND TO SUPPORT THE WEIGHT OF THE PIPE, METER AND RELATED COMPONENTS
- 2) METERS MUST BE INSTALLED IN A HORIZONTAL POSITION
- 3) THE SERVICE PIPE MUST BE A MINIMUM OF 300mm FROM ANY ENTRANCE OR WALL
- 4) COPPER TO FEMALE IRON PIPE THREAD ADAPTORS MUST BE SUPPLIED TO ACCOMMODATE METER TAILPIECES
- 5) THE CONTROL AND OUTLET VALVE MUST BE FULL PORT GATE OR BALL VALVES
- 6) NO CONNECTIONS ARE PERMITTED UPSTREAM OF THE WATER METER
- 7) APPROVED BACKFLOW PREVENTION DEVICE, AS REQUIRED, IN ACCORDANCE WITH THE NATIONAL PLUMBING CODE (SPECIFIC HEIGHT REQUIREMENTS EXIST FOR BACKFLOW DEVICES WHICH DIFFER FROM THOSE SHOWN ON DRAWING)

**RECOMMENDATIONS:**

- 1) METER TO BE INSTALLED IN CLOSE PROXIMITY TO FLOOR DRAIN ON AN UNFINISHED FLOOR
- 2) PROVIDING UNOBSTRUCTED SPACE OF 1000mm WIDE BY 1000mm DEEP BY 2000mm HIGH, CENTERED IN FRONT OF THE WATER METER, WILL BE DEEMED COMPLIANT WITH THE ACCESS REQUIREMENTS OF THE WATER BY-LAW

**PROPOSED ADDITION TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS**



**THE CITY OF WINNIPEG**  
**WATER & WASTE DEPARTMENT**

INSTALLATION DETAILS FOR  
POSITIVE DISPLACEMENT AND  
NON-MECHANICAL TYPE WATER METER  
IN BUILDINGS  
20mm & 25mm DOMESTIC SERVICE PIPE
