



**TABLE**

PIPE SIZE IN (I.D.)	METER SIZE	PIPE SIZE OUT	'A'	'B'
19mm	16x19mm	19mm	600mm	500mm
25mm	19mm	25mm	700mm	600mm
38mm	25mm	25mm	800mm	700mm

**NOTE**

- 175mm MINIMUM CLEARANCE BETWEEN WALL AND C/L OF PIPE AND 75mm HORIZONTAL CLEARANCE BETWEEN WALL AND METER.
- STOP AND DRAIN TO BE THE SAME SIZE AS INCOMING PIPE.
- IF HOT WATER TANK IS WITHIN 3.0m OF METER, THEN A CHECK VALVE IS REQUIRED BETWEEN METER AND HOT WATER TANK.
- ALL COPPER PIPING AFTER THE STOP AND DRAIN SHALL BE TYPE "L" COPPER.  
PIPING FOR METER TO BE RUN HORIZONTALLY & METER TO BE INSTALLED ON HORIZONTAL PIPING ONLY.
- HORIZONTAL TYPE "L" COPPER PIPE AS PER ABOVE TABLE (A).
- METER SIZE TO BE ONE PIPE SIZE SMALLER THAN INCOMING SERVICE SIZE.
- METERS MUST NOT BE LOCATED BEHIND FURNACES, WATER TANKS, ETC.
- WHERE REQUIRED, DUAL CHECK VALVE BACKFLOW PREVENTER IS TO BE INSTALLED DOWNSTREAM OF THE METER
- SUPPORTS SHALL BE REQUIRED FOR METER ASSEMBLY AREA AS PER ABOVE TABLE (B)
- TWO 50mm x 100mm (2" x 4") WOODEN BLOCKS IN EQUAL LENGTHS MUST BE SECURED TO WALL AND PIPE MUST BE CLIPPED (BRACKETS) TO BLOCKS. CLEARANCE FROM WALL SHALL BE 75mm (3").



**PUBLIC WORKS  
STANDARD DRAWING**

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APPROVED BY

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STD. DWG. NUMBER

**1-4-7 A**

SCALE

N.T.S.

**16mm x 19mm TO 25mm METER INSTALLATION FOR  
POLYETHYLENE WATER SERVICE IN BUILDING**