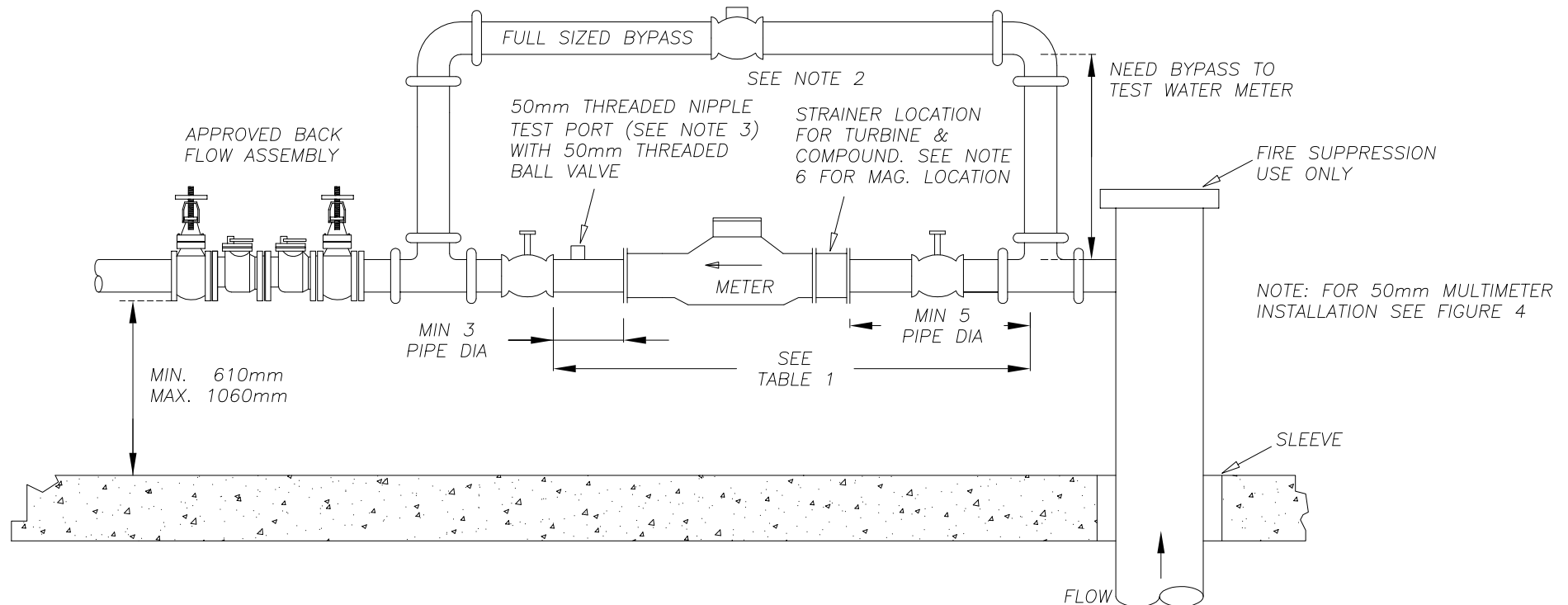


NOTE:

1. CLEARANCE AROUND METER: 200mm(8") TO REAR, 500mm(20") TO SIDES, 1000mm(39") IN FRONT.
2. VALVES: GATE OR BALL, BYPASS VALVE SHALL BE LOCKABLE.
3. TEST PORT: FOR TURBINE METERS, COMPOUND AND MAG METERS.
4. GASKETS: 3mm THICK.
5. STRAINER LENGTH: 75mm–150mm, 100mm–187.5mm, 150mm–225mm.
6. METER LENGTH
 - A. TURBINE: 75mm–300mm, 100mm–350mm, 150mm–450mm.
 - B. COMPOUND: 75mm–425mm, 100mm–500mm, 150mm–600mm.
 - C. AQUAMASTER MAGNETIC FLOWMETER: 75mm–200mm, 100mm–250mm, 150mm–300mm
7. STRAINER LOCATED AFTER DOWN STREAM PIPE LENGTHS. CHECK WITH WATER METER SECTION FOR POWER REQUIREMENTS.
8. APPROVED BACK FLOW ASSEMBLY TO BE INSTALLED DOWNSTREAM FROM BYPASS.
9. FOR POSSIBLE 3" SUBSTITUTION USE 2" PARALLEL INSTALLATION (SEE FIGURE 4)
10. FIVE PIPE DIAMETERS OF STRAIGHT PIPE AHEAD OF STRAINER.
11. ALLOW ADEQUATE ROOM FOR TESTING OF APPROVED BACK FLOW ASSEMBLY.
12. THERE SHALL BE NO TAPS, TAKE-OFFS OR TIE-INS TO THE SERVICE PLUMBING UPSTREAM OF THE APPROVED BACK FLOW ASSEMBLY.
13. THERE SHALL BE NO BYPASSES AROUND THE APPROVED BACK FLOW ASSEMBLY UNLESS THE BYPASS IS FITTED WITH A APPROVED BACK FLOW ASSEMBLY OF THE SAME TYPE.
14. APPROVED BACK FLOW ASSEMBLY MUST BE INSTALLED WITHIN 3m OF SERVICE ENTRY TO BUILDING.
15. THE OWNER SHALL PROVIDE A SUITABLE SITE FOR THE WATER METER AT A HORIZONTAL SETTING, WITHIN 2m OF THE POINT OF ENTRY FOR THE WATER SERVICE CONNECTION INSIDE THE BUILDING AS PER BYLAW #7567.
16. CORP. COUPLING/PIPING MUST BE SECURED SO THAT THE SERVICE IS HELD FIRMLY IN PLACE.

WATER METER SECTION
306-975-2538

TABLE 1	
METER SIZE	MIN LENGTH
75ø	1300mm
100ø	1500mm
150ø	1800mm



11			
10			
9			
8			
7			
6			
5			
4			
3			
2			
1	Revised Bypass	2016-MAY-24	DMR
	PLAN DESCRIPTION/REVISION	DATE	BY

SEALS & STAMPS



**City of
Saskatoon**

Transportation & Utilities Department
Saskatoon Water

WATER TREATMENT

FIGURE 3

TYPICAL LARGE METER SETTING
75mm, 100mm & 150mm

COMPOUND, TURBINE METERS &
AQUAMASTER MAGNETIC FLOWMETER

CONTRACT NO.

SHEET NO. SCALES: _____ NTS
SHEET NO. HORIZONTAL _____ NTS
VERTICAL _____ NTS

PLAN NO.
701-9306-004R002