

CITY OF BROOKFIELD
WATER UTILITY
SPECIFICATIONS FOR LARGE METERS

All meters 1.5" and larger must be Lead-Free Bronze Alloy **Badger Meters** that register in gallons only and have remote registers. The Water Utility will review all large meter applications and approve the final meter type, size and installation requirements.

Approved Meters:

RECORDALL DISC METERS

1½"	Model 120	13" Long	2 Bolt Flange
2"	Model 170	17" Long	2 Bolt Flange

COMPOUND METERS

When a higher flow rate is needed and a better low flow accuracy is important.

2" Compound	15.25" Long	4 Bolt Round Flange
3" Compound	17" Long	4 Bolt Round Flange
4" Compound	20" Long	8 Bolt Round Flange
6" Compound	24" Long	8 Bolt Round Flange

TURBO METERS

2" Turbo Class II	10" Long	2 Bolt Oval Flange
3" Turbo Class II	12" Long	4 Bolt Round Flange

Plumber shall fill out "Application for Meter" as part of Plumbing Permit. Plumber shall provide the Water Utility with lay length and flange requirements. NOTE: **Plumber must take into consideration the gasket width for all installations – gaskets are 1/8" wide each, ¼" total.** The Water Utility will give the final approval for all meter sizes, types, and installation requirement, including flange types.

All compound and turbo meters must have a **strainer** in front of the meter and a minimum of **five pipe** diameters of straight pipe in front of the strainer and **five pipe** diameters of straight pipe after the meter.

Also, all meters 1-1/2" and larger must have a bypass and compound / turbo meters must have provisions for testing.

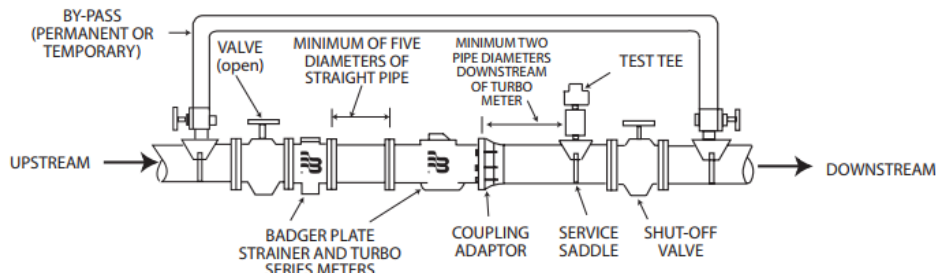


Figure 1: Recommended meter installation