

WATER SERVICE PIPE SIZING FORM

Property Address: _____

Fixture or Device	Fixture Units	Bsmt	1st Floor	2nd Floor	3rd Floor	Number of Fixtures	Total Fixture Units
Bathroom group with 6 LPF flush tank	3.6						
Bathroom group with > 6 LPF flush tank	5						
Bathtub with or without shower head	1.4						
Bathtub with ¾ in. spout	10						
Bidet	2						
Clothes washer, 3.5kg	1.4						
Dishwasher, domestic	1.4						
Hose bibb (½ inch supply)	2.5						
Hose bibb (¾ inch supply)	3						
Hose bibb, combination hot and cold	2.5						
Lavatory (wash sink), 8.3 L/min or less	0.7						
Lavatory (wash sink), > 8.3 L/min	1						
Shower head, 9.5 L/min or less per head	1.4						
Shower head, > 9.5 L/min per head	2						
Shower, spray, multi-head, FU per head	1.4						
Sink, bar	1						
Sink, kitchen, domestic, 8.3 L/min or less	1.4						
Sink, kitchen, domestic, > 8.3 L/min	2						
Sink, laundry (1 or 2 compartments)	1.4						
Urinal, with flush tank	3						
Urinal, with self-closing metering valve	2						
Water closet, < 6 LPF with flush tank	2.2						
Water closet, > 6 LPF with flush tank	3						
Other plumbing fixture(s)							
Total Fixture Units							
Existing Water Services Pipe Size (Inch)		Required Water Services Pipe Size (Inch)					

NOTE:

A house containing 1 or 2 dwelling units shall have a maximum of 21 plumbing fixture units on a ¾" water service pipe and a maximum of 43 plumbing fixture units on a 1" water service pipe (OBC Vol 1, Div. B, Article 7.6.3.4).

Alternatively, a qualified designer can design a potable water system conforming to good engineering practice. Detailed calculation/drawings shall be provided. Please contact the Building Department for more information.

I hereby certify that the information supplied above is accurate to the best of my knowledge.

Name: _____

Signature _____