

CITY OF MERCER ISLAND

COMMUNITY PLANNING & DEVELOPMENT

9611 SE 36TH STREET | MERCER ISLAND, WA 98040

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Residential Water Meter Sizing Worksheet

Owner's Name:	Main Permit #
Site Address:	Water Permit #

Fixture Type	Number of Fixtures			Fixture Units	Total Units
	New (For replacement, list as existing)	Existing	Total Fixtures		
Bathtub or Combination Bath/Shower				x 4	=
3/4" Bathtub Fill Valve (Soaker Tubs)				x 10	=
Shower (per head)				x 2	=
Sink				x 1	=
Toilet				x 2.5	=
Bidet				x 1	=
Kitchen Sink				x 1.5	=
Dishwasher				x 1.5	=
Bar Sinks & Ice Makers				x 1	=
Clothes Washer				x 4	=
Laundry Sink				x 1.5	=
Drinking Fountain				x 0.5	=
Hose Bibs (first)				x 2.5	=
Each additional				x 1	=
Lawn Sprinkler Heads-Max # In Use at One Time				x 1	=
Other:				x 0	=
Existing =27 units; current line 1 1/4" to T for possible sprinklers; then 1" to house from 5/8" Meter; New WDC=17 Fixtures				TOTAL UNITS	=

<i>For Official Use Only</i>	
REQUIRED SERVICE SIZE	
Requirements are based per 2018 U.P.C., Chapter 6, Table 610.4	
Existing Meter Size:	Meter Number:
Upsize: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes the code requires:	<input type="checkbox"/> 5/8" <input type="checkbox"/> 3/4" <input type="checkbox"/> 1" <input type="checkbox"/> 1 1/2" <input type="checkbox"/> 2" <input type="checkbox"/> Larger:
Map Page & Hydrant #:	Required Supply Line Size:
Distance from meter to farthest Fixture outlet (in feet): 82 ft	Required Service Line Size: (from water main to meter)
Known Static Pressure: (Otherwise use 65lb/in)	REQUIRED METER SIZE:
Height difference (in feet): 17 ft	* Pressure Reducing valve required: <input type="checkbox"/> Yes <input type="checkbox"/> No
Minus if Building Higher – x .5	
Building Design P.S.I.	

*Pressure Reducing valve is required if the known water pressure is in excess of 80 psi.