



Water Meter Size Calculations

Single-Family Residential

Plan Check No.: _____

Date: _____

To determine your water meter fee, your water development fee and your sewer connection fee, we must know the size of the water meter required for your residence. To determine the correct size, please provide the following essential information. **This does NOT permit the violation of any section of any federal, state or local regulations.**

1) Total number of fixture units of all water-using outlets is:

Type of Fixture	Fixture Unit Value		Number of Fixtures	=	Total Fixture Units
Bidet	2	x	_____	=	_____
Bathtub (with/without overhead shower head)	1.4	x	_____	=	_____
Clothes washer	1.4	x	_____	=	_____
Dishwasher	1.4	x	_____	=	_____
Full-bath group with bathtub (with/without shower head) or shower stall	3.6	x	_____	=	_____
Half-bath group (water closet and lavatory)	2.6	x	_____	=	_____
Hose bibb (sillcock)	2.5	x	_____	=	_____
Kitchen group (dishwasher and sink with/without garbage grinder)	2.5	x	_____	=	_____
Kitchen sink	1.4	x	_____	=	_____
Laundry group (clothes washer standpipe and laundry tub)	2.5	x	_____	=	_____
Laundry tub	1.4	x	_____	=	_____
Lavatory	0.7	x	_____	=	_____
Shower stall	1.4	x	_____	=	_____
Water closet (tank type)	2.2	x	_____	=	_____
*Other	_____	x	_____	=	_____
			Total	=	_____

**Water supply outlets for items not listed above shall be computed at their maximum demand or according to the size of the supply pipe as indicated in the International Plumbing Code; whichever is greater.*

- 2) Total length of the water line from the water meter to the farthest water-using outlet/fixture is: _____ lineal feet.
- 3) Local water service pressure is _____ pounds per square inch (psi).

Please Note:

- It is your responsibility to obtain a water pressure field test at your site or as near to your site as possible. Your building permit **cannot be issued** until you have done so.
- An approved type pressure regulator preceded by an adequate strainer shall be installed and the pressure reduced to 80 psi or less.

Owner/Agent: _____

Phone: _____ Fax: _____

E-mail: _____

Signature: _____

Date: _____

To Be completed by Plan Reviewer

Size of Meter: _____

Size of Building Supply: _____

When approved by the City of Scottsdale, the Applicant must deliver a copy of this form, or the City approved plans, to the Fire Sprinkler Designer to use in the calculation of the fire sprinkler system.

Verification of the Meter size must accompany Fire Sprinkler plans submitted for review.

Planning & Development Services Department

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