



CITY OF REDMOND
Community Development Department

411 SW 9th Street
Redmond, OR 97756
(541) 923-7721
Fax: (541) 548-0706
www.ci.redmond.or.us

Water Meter Size Determination

The mechanical engineer, civil engineer, or licensed plumber for the project must assemble the following information and make the calculations prior to making application for building permit on any commercial building from a triplex or larger.

The number of plumbing water supply fixture units from 2017 **OPSC Table 610.3**, the developed length of water supply pipe from meter to the most remote outlet, elevation gain between the water meter and the highest fixture, and pressure at the street main will be needed.

| From Table 610-3: | Fixture Units | | |
|--------------------------|----------------------|----------------|---------------|
| # of Fixtures | Fixture Units | Private | Public |
| | | | |
| | | | |
| | | | |

Fixture Units: _____

GPM per OPSC Appendix A: _____

Size water meter and building supply from OPSC Table 610-4.

New or Existing Building: _____

City Water Main Pressure: _____ PSI

Developed Length of Supply Pipe _____ FT

Pressure Drop for Elevation 0.5 PSI x HT= _____ PSI

Water Meter Size Options: 5/8" 1" 1 1/2" 2" 3" 4" 6" Inches
(for 3" and up See PW Specifications)

Building Supply Pipe _____ Inches

Plumbing, Civil, or Landscaping Contractor's Name _____ CCB #, PE#, or LCB # _____

Address _____ Phone # _____

Signature of Licensed Plumber/Engineer/Landscaper _____

For Landscaping purposes only:

of Sprinkler heads _____ Type of Sprinkler heads _____

of heads per zone _____

Largest Zone Volume (gpm) _____

Permit number # _____

Project Name: _____ Date _____