

### Purpose

This bulletin provides installation details and specifications for water meter pits for single family houses or duplexes. City of West Kelowna water regulations require that water meter pits be installed at time of subdivision for new lots and at time of building permit for existing lots and for new homes that are to be connected to municipal water services.

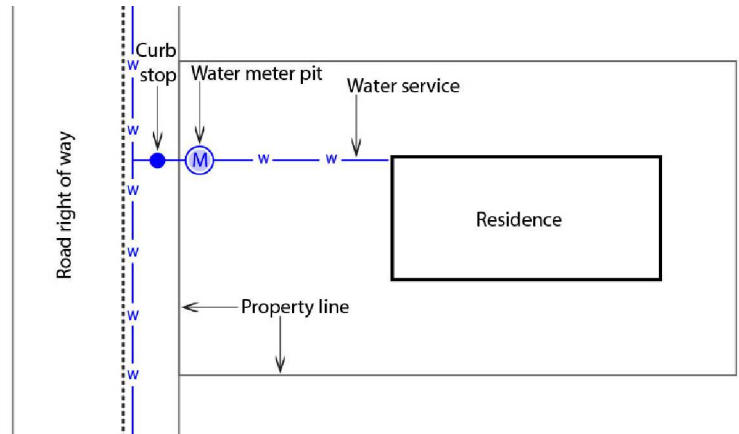
Previously, water meters for houses and duplexes were located inside water meter pits in the yard, or within the residence. By now requiring water meters to be installed within pits, the City is improving safety and accessibility for maintenance technicians, enhancing leak detection, and reducing non-metered consumption.

### Installation

The location must be as close as possible to the lot line within the private property as shown right.

The owner must purchase and install an Approved Water Meter Pit per the specifications in this bulletin.

Before any work is done on a road right-of-way or within a statutory right-of-way, a Highway Permit must be obtained by visiting City Hall in person at 2760 Cameron Road or by emailing Engineering Services at [eng.services@westkelownacity.ca](mailto:eng.services@westkelownacity.ca).



*Typical water meter pit layout for a residential lot.*



*Typical water meter that owner purchases from City and installs.*

### Application

A water meter pit is required on all new lots created by subdivision and with building permits issued for:

- New single-family houses, with or without suites.
- New duplexes.

Owners pay for the meter as part of the fees submitted at the time of applying for the building permit. The City then supplies the water meters through the Public Works - Utilities Department upon issuance of the building permit.

Contact 778-797-2280 to arrange pick up of the water meter from the Public Works - Utilities Building at 2570 Bartley Road.

### Required products

Installation will require:

- A water meter pit that the owner must purchase and install per the specifications below.
- A water meter that the City supplies for the owner to install in the water meter pit.

### Meter pit specifications

Owners can purchase water meter pits at plumbing suppliers.

Road-rated Brooks Boxes are required where water meter pits are installed in driveways.

Ford Coil Pit Meter Setters must be outfitted as follows:

- Standard single coil pit setter.
- Inlet full port angle ball valve.
- Outlet angle check valve.
- Three-quarter-inch by three-quarter-inch meters for one-inch services or one-inch by one-inch metres for 1.5-inch services.
- Fifteen-inch tile diameters for three-quarter-inch meters or 18-inch tile diameters for one-inch meters.
- Sixty-inch depth, to be confirmed in field, to match your service depth.
- Four-inch insulating disc.
- H-20-rated composite side locking lid.

Mueller Thermal-Coil Meter Boxes or Adjusta-Coil Meter Boxes must be outfitted as follows:

- Standard single coil pit setter.
- Inlet full port angle ball valves.
- Outlet dual check valve.
- Three-quarter-inch by three-quarter-inch meters for one-inch services or one-inch by one-inch metres for 1.5-inch services.
- Fifteen-inch box diameters for three-quarter-inch meters or 18-inch box diameters for one-inch meters.
- Sixty-inch depth, to be confirmed in field, to match your service depth.
- Bottomless box.
- Four-inch insulating pad.
- H-20-rated composite side locking lid.



*Side view of a typical water meter pit purchased and installed by owner.*



*Top view of a typical water meter pit purchased and installed by owner.*