

BC BUILDING CODE INTERPRETATION COMMITTEE

A joint committee with members representing
AIBC, APEGBC, BOABC, POABC

File No: 06-0093

INTERPRETATION

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Interpretation Date:	June 21, 2011
Building Code Edition:	BC Building Code 2006
Subject:	Shut-off Valves for Dwelling Units
Keywords:	Shut-off Valves , Valve Locations
Building Code Reference(s):	7.6.1.3.(1) (2) (4) (5) (7) ; 7.6.1.4. (1) (b)

Question:

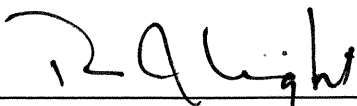
What shut-off valves are required on the Water Distribution System serving a detached one family dwelling unit or a dwelling unit in a building containing multiple dwelling units, and where would the valves be located?

Interpretation:

The minimum valves required for dwelling units are:

1. Sentence 7.6.1.3. (1) requires a valve where the water service pipe enters a building.
2. Sentence 7.6.1.3. (2) requires a valve on every pipe that conveys water from a gravity water tank or private water supply system.
3. Sentence 7.6.1.3. (4) requires a valve on the water supply pipe to every water closet.
4. Sentence 7.6.1.3. (5) indicates in buildings of residential occupancy that contain more than one dwelling unit, a valve shall be installed where the water distribution pipe enters the dwelling unit.
5. Sentence 7.6.1.3. (7) requires a valve on the cold water supply pipe to a hot water tank.
6. Sentence 7.6.1.4. (1) (b) requires a stop-and-waste cock inside the building when serving an outside hose bib.

Also note that the valve required by Sentence 7.6.1.3.(5) also includes the water distribution pipe serving a secondary suite.



R. J. Light, Committee Chair

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