

BC BUILDING CODE INTERPRETATION COMMITTEE

A joint committee with members representing
AIBC, EGBC, BOABC

File No: 18-0240

INTERPRETATION

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Building Code Edition: BC Building Code 2018, Book II: Plumbing Systems (BCPC) and BC Building Code Book I: General

Subject: Connection of a Radon Vent to Plumbing System Vent

Keywords: Radon Vent, Venting System, DWV

Building Code Reference(s): Division A Part 1, 1.4.1.2.(1), 9.13.4., 5.4.1.1.(1)(e)

Question:

Can a radon vent pipe connect to a plumbing vent to reduce the number of roof penetrations in a building?

Interpretation:

No.

The defined term of a venting system is as follows:

“Venting system means an assembly of pipes and fittings that connects a drainage system with outside air for circulation of air and protection of trap seals in a drainage system.”

Since a radon vent does not connect to a drainage system (it connects to a sub-floor depressurization system), it does not fit the above definition.

Further to the above, a fan may also be installed to aid the sub-floor depressurization system which could result in the failure of the trap seals installed at fixtures, which could lead to either sewer gas or radon entering the building.



Patrick Shek, P.Eng., CP, FEC, Committee Chair

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