


BC BUILDING CODE INTERPRETATION COMMITTEE

A joint committee with members representing
AIBC, EGBC, BOABC

File No: 24-0065

INTERPRETATION

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Interpretation Date:	January 21, 2025
Building Code Edition:	BC Building Code 2024
Subject:	Radon Rough-In Vent Termination
Keywords:	Radon, Rough-in, Radon Vent Termination
Building Code Reference(s):	9.13.4.2., 9.13.4.3.(2)(f), Notes A-9.13.4.3.(2)(b) and 3(b)
Question:	<p>Can a rough-in vent pipe for a radon system terminate in a cap just above the floor slab on ground inside the building (as shown in Figure A-9.13.4.3.(2)(b) and (3)(b))?</p>
Interpretation:	<p>No.</p> <p>Protection from soil gas ingress must be provided in a building in accordance with Article 9.13.4.2.</p> <p>As stated in Clause 9.13.4.3.(2)(f), the radon vent pipe required by Sentence (1) shall “terminate outside the building in a manner that does not constitute a hazard”. Clause 9.13.4.3.(3)(b) requires the vent pipe be terminated “outside the building, not less than 1.8 m from a property line....”.</p> <p>Figure A-9.13.4.3.(2)(b) and (3)(b) show the rough-in for a sub-floor depressurization system with a permanent cap on the vent above the floor slab on ground inside the building as allowed by the 2020 NBC; however, the 2024 BCBC was amended to require the vent pipe to terminate outside the building.</p> <p>The Building and Safety Standards Branch has confirmed in Bulletin B24-03-R that Figure A-9.13.4.3.(2)(b) and (3)(b) will be removed in the next errata.</p> <p></p> <hr/> <p>Patrick Shek, P.Eng., CP, FEC, Committee Chair</p>

The views expressed are the consensus of the joint committee with members representing AIBC, EGBC and BOABC, which form the BC Building Code Interpretation Committee. The Building and Safety Standards Branch, Province of BC and the City of Vancouver participate in the committee's proceedings with respect to interpretations of the BC Building Code. The purpose of the committee is to encourage uniform province wide interpretation of the BC Building Code. These views should not be considered as the official interpretation of legislated requirements based on the BC Building Code, as final responsibility for an interpretation rests with the local *Authority Having Jurisdiction*. The views of the joint committee should not be construed as legal advice.