

Radon Rough-in Requirements effective March 2024:

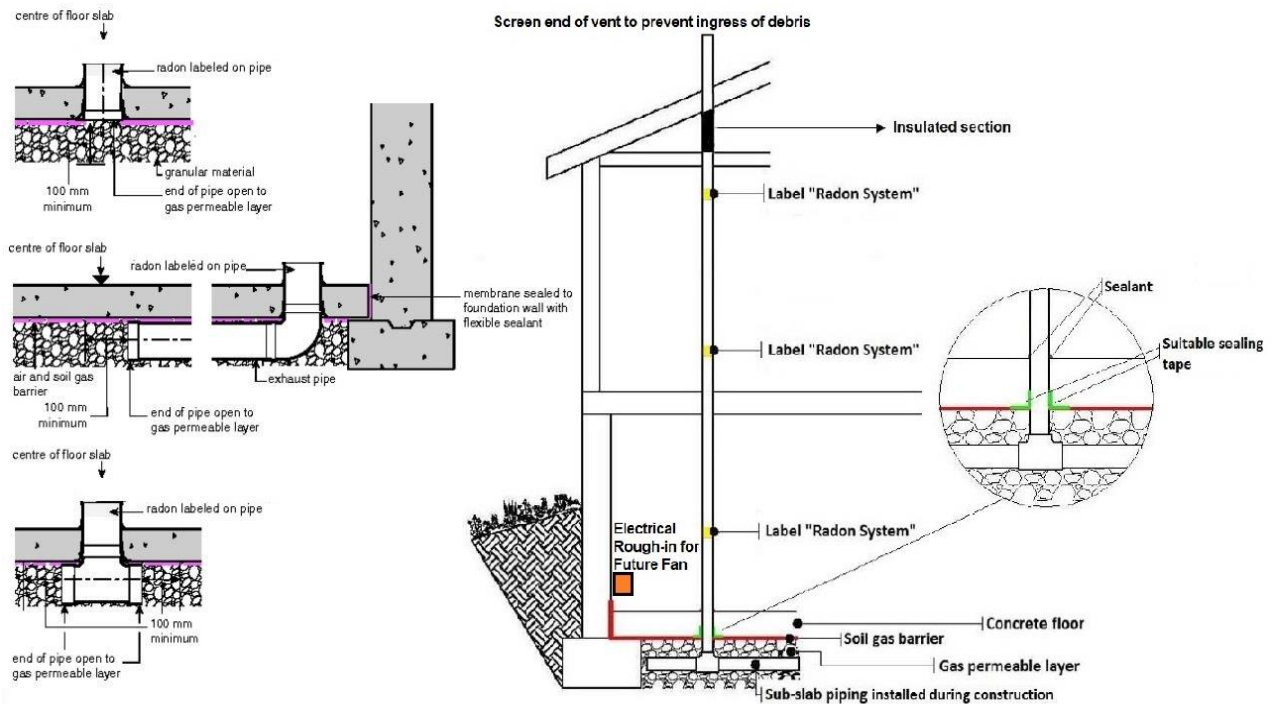
Effective March 8, 2024, all building permit applications that include newly created conditioned spaces, shall have sufficient plans to indicate the design of the required rough-in for a subfloor depressurization system. This requirement has become mandatory province wide. Radon is an invisible, odorless gas that exists in various levels in the ground because of the breakdown of uranium within soil, rock, and water. When radon enters and is contained in a building, it can present serious health risks if exposed to the occupants.

Construction Plans

Please include within your Construction Plans the minimum following details for staff review:

- **Foundation Plan** – Location of pipe inlet(s), location of sub-slab piping and sizes, including interconnection of permeable layers, soil gas barrier details and gas permeable layer details.
- **Cross Sections** – Location of pipe inlet(s), location of sub-slab piping and sizes, including interconnection of two permeable layers, soil gas barrier details, gas permeable layer details, screening details and location of the terminating piping.

Example Depressurization Rough-in Information & Details



Further information about the radon or soil gas control system can be found in Subsection 9.13.4 of Division B of the 2024 BC Building Code, [Radon Control Options for New Construction in Low-Rise Residential Buildings](#), or via the [Building and Safety Standards Branch Information Bulletin](#).

