



The Corporation of The Town of Amherstburg

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June 12, 2025

To: All Contractors

Re: RADON ROUGH-IN

As you are aware as of January 01, 2025 the Ontario Building Code has been updated with multiple technical changes. One of the major changes that will affect the majority of the buildings is the requirement for a **Radon rough-in**. The Ontario Building Code stipulates that all floors on ground separating conditioned space from the ground must be constructed to reduce the potential for the entry of air, radon or other soil gases and be designed for future installation of a subfloor depressurization system. The design shall include the following:

- 1) A gas-permeable layer or clean granular material between the ground and air barrier (4" concrete slab is no longer considered as an air barrier)
- 2) 4" diameter pip installed below the floor with an open end/bottom near the center of the floor and its tip end capped with labelling.
- 3) 6 mil (0.15mm) polyethylene shall be installed under the floor slab.

This rough in design will be required for all buildings that have a floor-on ground in all residential buildings and commercial buildings.

The rough in design is not required for garages, attached garages, sheds and non-heated crawlspaces.

The vapour barrier below the slab is considered as the air barrier that will require an inspection. Along with all other the air barrier of the building. The air barrier must be completely seal with no penetrations. Please schedule the air barrier inspection prior to any concrete work. We suggest to schedule the inspection the day before any concrete work is done.

This will be implemented immediately. Ensure that any current building permits include the radon rough-in where required.

If you required additional information, please contact our office.

Thank you

A handwritten signature in black ink, appearing to read 'Angelo', followed by a horizontal line.

Angelo Avolio CBCO
Chief Building Official
Town of Amherstburg