

### Radon Mitigation

Property Address \_\_\_\_\_ Building Permit # \_\_\_\_\_

Where the proposed construction includes a floor system in direct contact with the ground Radon Mitigation is required.

Please indicate which method of mitigation will be utilized on your project. Please select from the following:

Soil Gas Barrier System

<input type="checkbox"/> 6 mil poly under concrete floor
<input type="checkbox"/> 6 mil poly between concrete floor and separate floor over the slab
<ul style="list-style-type: none"> <li>• Perimeter of concrete slab and all penetrations through the slab shall be sealed</li> </ul>

Subfloor Depressurization – Rough- in

<ul style="list-style-type: none"> <li>• Minimum 100 mm (4") pipe installed at or near center of floor area</li> </ul>
<ul style="list-style-type: none"> <li>• Increase amount of granular under the floor at pipe inlet location</li> </ul>
<ul style="list-style-type: none"> <li>• Pipe to extend above floor with removable seal pipe must be clearly labelled for removal of soil gas</li> </ul>

Testing for Radon is required once the home is occupied. Testing must occur over the winter months for a period not less than 91 days. The test results must be submitted to the Town, if the test results exceed Ministry tolerances the full depressurization system shall be installed.

**\* Please note that the building permit file will remain active until test results are received and no further construction is required.**

Subfloor Depressurization – Full Installation

<ul style="list-style-type: none"> <li>• Minimum 100 mm (4') pipe installed at or near centre of floor area</li> </ul>
<ul style="list-style-type: none"> <li>• Increase amount of granular under the floor at pipe inlet location</li> </ul>
<ul style="list-style-type: none"> <li>• Pipe extended to exterior of the building</li> </ul>
<ul style="list-style-type: none"> <li>• System must include an in-line fan</li> </ul>



Planning and Development Services

Building Division  
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- Where a full depressurization system is installed,
    - a. makeup air shall be provided as specified in Article 9.32.38. of Division B of the Building Code, and
    - b. measures shall be taken to ensure that any resultant decrease in soil temperature will not adversely affected the foundation.

Date

Sign

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