



REGIONAL DISTRICT OF NORTH OKANAGAN

Suspended Slab Building Permit Requirements

Revised: September 2021

Suspended Slab Building Permit Requirements

The British Columbia Building Code makes no reference to suspended garage slabs or how to install them. The concern is that moisture, caused by condensation or leakage, will eventually weaken the structural members and cause failure.

In order to receive a building permit for a garage containing a suspended garage slab or wood framed garage floor with concrete topping it is the responsibility of the owner or builder to ensure that the following documents are submitted from the Structural Engineer: Schedule B, a copy of their certificate of insurance, report on professional insurance and two (2) sets of engineered sealed drawings (at a scale of 1:50 or $\frac{1}{4}'' = 1'-0''$).

The design and the construction shall contain some form of a water proofing material. As a result, the Regional District of North Okanagan's Building Department will require that the structural engineer (or an architect) sign off on item 1.23 of the Schedule B (Environmental Separation).

Insulation is to be placed as per the professional requirements as part of the schedule B, 1.23 environmental separation. The effective RSI value of the assembly must comply with the current code requirements.

These requirements are in addition to the standard building permit application submission requirements.

For more information please contact the Building Department:

Phone – 250-550-3700

Email – building@rdno.ca