



July 5, 2018

Dear City of Powell Residential Homebuilder:

The City of Powell recently approved an ordinance to adopt Appendix F Radon Control Methods of the International Residential Code/2009, requiring new construction to be equipped with radon-mitigation systems.

Effective Aug. 1, 2018, all new residential construction must have a sub-slab depressurization system (passive) installed. This is a system designed to achieve lower sub-slab air pressure relative to indoor air pressure by use of a vent pipe routed through the conditioned space of a building and connecting the sub-slab area with outdoor air, thereby relying on the convective flow of upward in the vent to draw air from beneath the slab.¹

Existing homes are not impacted by this change to the City's Code.

Radon gas is a naturally-occurring, chemically inert, radioactive gas that is not detectable by human senses. As a gas, it can move readily through particles of soil and rock and can accumulate under the slabs and foundations of homes where it can easily enter into the living space through construction cracks and openings.

Sincerely,

A handwritten signature in blue ink that reads "Kevin Moran". The signature is written in a cursive style.

Kevin Moran
Chief Building Official

¹ International Residential Code/2009, Section AF102.