**Housing Plan Radon Addendum**

*enter agency here* will provide a radon system meeting the current **KHC Radon Testing and Mitigation Policy updated July 9, 2024**, the **2019 KHC Minimum Design Standards**, in compliance with the current **Kentucky Residential Code** and the most current version of **American National Standards Institute/American Association of Radon Scientists and Technologists CCAH** **Reducing Radon in New Construction of 1 & 2 Family Dwellings and Townhouses (ANSI/AARST CCAH)**. Radon testing will be performed per the **KHC Radon Testing and Mitigation Policy**.

The installation of a passive radon system rough-in meeting the **(ANSI/AARST CCAH)** will include the following:

a) The radon vent pipe shall pass through a heated portion of the structure and an accessible attic space or chase which will allow adequate working space to possibly install an inline fan.

* 3-Inch (schedule 40) vertical pipe for less than 2500 sf inside perimeter dimensions of foundation.
* 4-Inch (schedule 40) vertical pipe for 2500 sf to a maximum of 4500 sf inside perimeter.
* For Slab on Grade Construction the Sub-Slab Gas Collectors shall be installed prior to pouring the slab and shall meet the requirements of section 403 of the **(ANSI/AARST CCAH) Reducing Radon in New Construction of 1 & 2 Family Dwellings and Townhouses Standard.**
* The top course of all hollow block foundation walls shall be solid masonry units or shall be fully grouted per section 404 of the **(ANSI/AARST CCAH) Reducing Radon in New Construction of 1 & 2 Family Dwellings and Townhouses Standard.**
* Vertical Exhaust Pipe enclosed in the wall in conditioned spaces. (Non-perforated). Vertical pipe supports to be placed vertical at 10-foot intervals.
* Label the pipe with “Radon” on each viewable side of the pipe at 10-foot intervals prior to closing the walls at each floor level. See Section 5 of the **(ANSI/AARST CCAH)** for additional details.
* Vertical Exhaust to terminate 12 inches minimum above the roof and 10 feet from grade minimum to highest point. Discharge 10 feet in any direction from a wall above the roof line penetrated. Discharge points 2 feet vertically above air intake openings (windows, doors, gravity intakes). Discharge points 3 feet above or 10 feet from mechanical air intake openings.

b) Electrical provisions shall be roughed in, in an accessible attic or chase, for possible future installation of an inline fan.

A full radon mitigation system will be performed per the **KHC Radon Testing and Mitigation Policy.**

*enter agency here* submitted the following single-family plans, which KHC approved previously, meet the **2019 KHC Minimum Design Standards,** and will include the passive radon rough-in.

List Plan Name(s) with radon update:

1. \_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_
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9. \_\_\_\_\_\_\_\_\_\_
10. \_\_\_\_\_\_\_\_\_\_

KHC Design and Construction Department will add this Radon Addendum to the above referenced plans and all units developed using these plans will be required to fully comply with KHC Radon Testing and Mitigation Policy.

Be advised that when KHC adopts an updated Minimum Design Standard, new plan reviews will be needed superseding the current 2019 Minimum Design Standard plan approvals.

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Developer Authorized Signature

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Developer Authorized Signature Printed Name

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Date