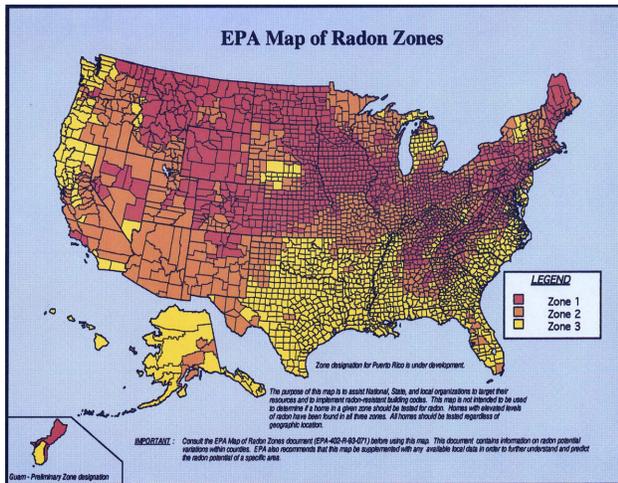


## **Announcement: Proposal for a new ANSI Model Code for Active RRNC**

This is a proposal for a new ANSI standard for installing Active Soil Depressurization Systems (ASD) in the new construction of one and two-family dwellings in high radon areas. The standard will be developed through the AARST/ANSI Standards Consortium and would be written in language ready for use in building codes. This proposed model code differs from existing standards which include passive systems [included in International Residential Code (IRC) Appendix F], are applicable to multi-family low rise residential buildings, do not support Green Building initiatives and require admission of defect (elevated radon levels) by the builder before allowing activation of the system.

The advantages of such an “active-only” radon construction standard include:

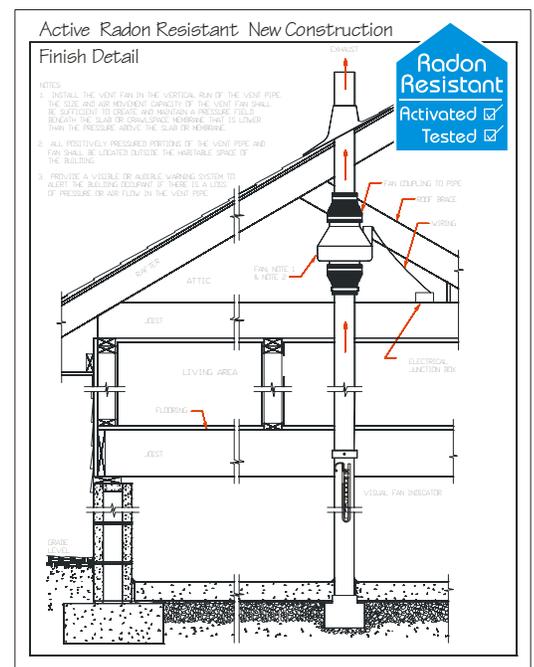


- 1) Easy adoption in the IRC Building Code.
- 2) Use by state and local jurisdictions for inclusion in their building codes.
- 3) A convenient resource for radon contractor certification or licensure programs.
- 4) Liability protection for home builders.
- 5) Verifiable risk reduction for home buyers.
- 6) Easy to include in green building programs like LEED, NAHB's Green Building Standard, etc.

This announcement is intended to call for interest and participation in the standard setting effort. The AARST/ANSI process is designed to seek broad-based input from a variety of stakeholders. Every effort will be made to seek input from states, industry sectors, and the federal government. The timeline for this process is accelerated and requires completion by July 1, 2010 to support IRC Building Code changes in process.

A draft outline has been developed and includes:

- 1) Permeable gas layer under the slab, 6 mil poly vapor barrier, piping and a fan.
- 2) Checklist for inspection and system evaluation.
- 3) Third-party testing prior to occupancy.
- 4) Test kits for the buyer to verify performance below the EPA Action Level.
- 5) An option would be provided for the builder not to install an ASD System because of low radon potential in the building site or foundation type. The builder would need to provide a third-party test result in the lowest livable area below 2.0 pCi/l prior to occupancy.



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