

RADON MITIGATION

R.E.A. was contacted by a homeowner regarding the possible installation of a radon mitigation system at their home in northeastern Vermont. **R.E.A.** personnel performed a site visit, conducted a pressure field extension test and re-tested indoor radon levels prior to installation of the mitigation system. Initial test results identified the radon level in the home to be 18.5 picocuries per liter (pCi/L), which exceeded the U.S. EPA action level of 4.0 pCi/L.



Figure 1. Radon system with fan mounted on the exterior of the house

R.E.A. designed the radon mitigation system with input from the homeowner. The system was installed in less than one day and the post-test completed after operating the system for several days identified the radon level to be 0.6 pCi/L. **R.E.A.** prepared a summary report documenting the system installation procedures, system layout and test results.



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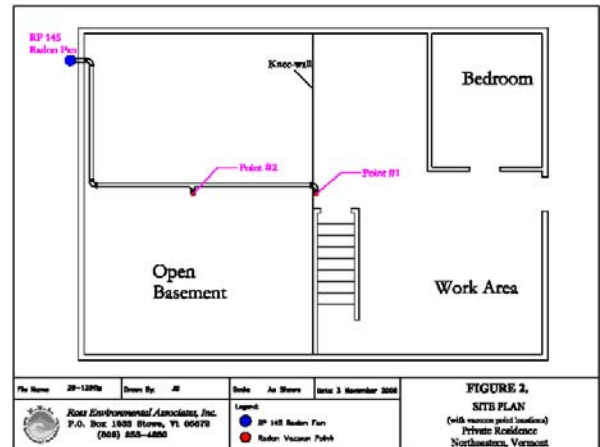


Figure 2. As-Built Plan of Radon Mitigation System

Key Services

- Worked with the homeowner to design an effective system.
- Conducted a pressure field extension test during system installation to evaluate & document the effectiveness of the system.
- Reduced radon levels from 18.5 pCi/L to 0.6 pCi/L.
- Installed the system in less than one day.



Figure 3. Radon system after final installation

"I would recommend anyone with a radon problem to contact Ross Environmental for excellent quality and professional service."

Quote in a letter from the Homeowner