

Plaisted's Foundation Rock

Washed & Screened Rock Meets Residential Radon Mitigation Requirements

The Minnesota Department of Health predicts that one-third of all existing Minnesota homes have a radon level above the acceptable level of 4.0 pCi/L. Because of this, the Minnesota Residential Energy Code now requires all new residential construction to include a passive radon system. The new building code was added after determining it is much easier and far less costly to prepare the sub-grade to improve soil gas flow before a slab is cast.

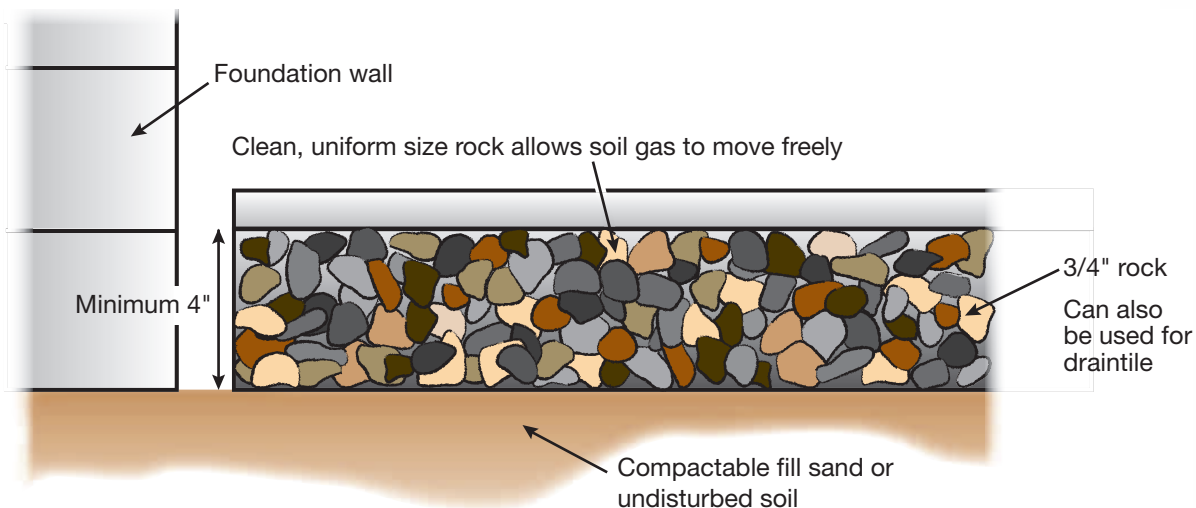
For this region, the most economical method for improving soil gas collection beneath housing slabs is to use rock. Section AF103.2 of the Minnesota Residential Energy Code indicates that for subfloor preparation, a minimum 4-inch layer of clean gravel be used. Uniform sized, 3/4-inch rock is ideal as it allows the soil gas to move freely underneath the house. Smaller or fine gravel, or gravel that is not as uniform in size, will restrict air movement under the slab.



Exceptionally clean, round rock

Source: Builders Association of Minnesota: Alternate Method for the Gas Permeable Layer Required for Passive Radon Systems in the Minnesota Residential Energy Code. Version 1.0, July 2009

Check the BAM website for updates to this guide and other resources:
www.bamn.org/energycode



Plaisted's Construction Sands

Plaisted sands are washed and screened to meet a variety of applications.

- **Fill Sand** – Good backfill material to raise an area inexpensively
- **Coarse Sand** – For areas needing drainage and also used for septic mound sand
- **Concrete Sand** – Used to make concrete, coarser than Mason sand
- **Mason Sand** – Natural washed and screened sand used for mortar on concrete blocks and bricks

Heated sand

Allows for construction to continue during cold weather. Hot products include:

- Heated Concrete Sand
- Heated Fill Sand
- Heated Mason Sand



Consistent quality. Responsive delivery.

Plaisted's experienced drivers operate a fleet of more than 40 trucks — capable of delivering one ton to 25 tons per load. Our GPS locator helps us set the standard for the most responsive delivery system in the 5-state area.



Construction Season Hours:
6:00am to 5:00pm Monday - Friday,
7:00am to 2:00pm Saturday
Winter hours:
7:00am to 4:00pm Monday - Friday



Ordering Information

763.441.1100

For information on
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