

## ADVISORY COMMITTEE COMMENT FORM FOR PROPOSED CODE CHANGES (This form must be submitted electronically)

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### Proposed Code Change - Language

~~**Vent pipe.** A plumbing vent pipe tee or other connection approved by the building official, connection (approved by whom? Maybe rephrase as “other connection approved by the building official”???) shall be inserted horizontally beneath the soil-gas membrane, with The tee or connection shall consist of shall be connected to one ten-foot section of perforated pipe connected to at each side of the “T” fitting, then and shall be connected to a 3- or 4- inch diameter (76 mm or 102 mm) fitting with a 3- or 4- inch vertical vent pipe installed through the soil-gas membrane. The vent pipe shall be primed and glued together at all fittings and shall extend up through the building floors, terminating a minimum of 12 inches (305 mm) above the roof. The vent pipe shall be located in a location at least 10 feet (3048 mm) away from any window or other opening into conditioned spaces of the building, The (vent pipe or opening??) shall be no that is less than 2 feet (610 mm) below the exhaust point, and 10 feet (3048 mm) from any window or other opening in adjoining or adjacent buildings. The vent Vent pipes may be routed through unconditioned spaces, if the vent pipe is shall be insulated with a minimum of R-4 insulation. Vent pipes within the conditioned envelope of the uilding shall not be insulated.~~

### Proposed Code Change – Need and Reason

It is apparent looking at the draft rule regarding how the vent pipe is installed that there is confusion. It is necessary that the rule be understood by all users of the code. My proposal is to delete this language in its entirety because it is wordy, rambling, unclear, and confusing.

It its place, I have proposed in a separate submittal a definition for “vent pipe” that clearly defines the what, where, and how of the vent pipe. That definition follows.

**VENT PIPE.** A vent pipe is a minimum 3-inch diameter (76 mm) ABS or PVC pipe extending from the gas permeable layer through the soil-gas-retarder, the conditioned space of the dwelling, and the attic and terminating at least 12 inches (305 mm) above the roof in a location at least 10 feet (3,048 mm) away from any window or other opening into the conditioned spaces of the dwelling that is less than 2 feet (610 mm) below the exhaust point.

Additionally, I am proposing new language in a separate submittal that would provide direction at the proper point in the rule on the installation of the “T” fitting and vent pipe. The proposed language for the “T” fitting and vent pipe follows.

**“T” fitting and vent pipe.** *A "T" fitting shall be inserted beneath the soil-gas membrane with a minimum of 10-feet of perforated pipe connected to each side of the "T" fitting. The “T” fitting shall be connected to a vent pipe. The perforated pipe and “T” fitting shall be the same size as the vent pipe. All connections in the “T” fitting and the vent pipe shall be tight fitting. A sump connected to interior drain tile may serve as the termination point for the vent pipe provided the sump cover is sealed or gasketed and designed to accommodate the vent pipe.*

It is necessary that this proposal be approved because the draft language is clearly confusing and unenforceable. Deleting the language is necessary and the proposed new definition and directive language will clear up this confusion.

This proposal is reasonable because it provides necessary direction to the user of the code without changing the intent, costs, or performance of the system.

### **Proposed Code Change – Cost/Benefit Analysis**

This proposal will have no impact on the cost of construction.

## Other Factors to Consider Related to Proposed Code Change

1. Is this proposed code change meant to:

change language contained in a published code book? If so, list section(s).

change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

delete language contained in a published code book? If so, list section(s).

delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

Radon rules

neither; this language will be new language, not found in the code book or in Minnesota Rule.

2. Is this proposed code change required by a Minnesota Statute or new legislation? If so, please provide the citation to the Statute or legislation.

No

3. Will this proposed code change impact other sections of a published code book or of an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.

Yes, Radon Rules

4. Will this proposed code change impact other parts of the Minnesota State Building Code? If so, please list the affected parts of the Minnesota State Building Code.

No

5. Who are the parties affected or segments of industry affected by this proposed code change?

Code officials, building designers, contractors, building owners

6. Can you think of other means or methods to achieve the purpose of the proposed code change? If so, please explain what they are and why your proposed change is the preferred method or means to achieve the desired result.

No

7. Are you aware of any federal requirement or regulation related to this proposed code change? If so, please list the regulation or requirement.

No