

## CODE CHANGE PROPOSAL FORM

(Must be submitted electronically)

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Date: **7/8/24**

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Model Code: **2024 IRC**

Telephone number: **612-246-7303**

Code or Rule Section: **R507.3.3**

Firm/Association affiliation, if any: **City of Minneapolis**

Topic of proposal: **footing frost protection**

Code or rule section to be changed: **R507.3.3**

Intended for Technical Advisory Group ("TAG"):

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### General Information

**Yes   No**

- |  |                                     |                                     |
|--|-------------------------------------|-------------------------------------|
| A. Is the proposed change unique to the State of Minnesota?                            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| B. Is the proposed change required due to climatic conditions of Minnesota?            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| C. Will the proposed change encourage more uniform enforcement?                        | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| D. Will the proposed change remedy a problem?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| E. Does the proposal delete a current Minnesota Rule, chapter amendment?               | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| F. Would this proposed change be appropriate through the ICC code development process? | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

### Proposed Language

1. The proposed code change is meant to:

- ☒ change language contained the model code book? If so, list section(s). **R507.3.3**
- ☐ change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- ☐ delete language contained in the model code book? If so, list section(s).
- ☐ delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- ☒ add new language that is not found in the model code book or in Minnesota Rule.  
**R507.3.3**

2. Is this proposed code change required by Minnesota Statute? If so, please provide the citation.

No

3. Provide *specific* language you would like to see changed. Indicate proposed new words with underlining and ~~striketrough~~ words proposed for deletion. Include the entire code (sub) section or rule subpart that contains your proposed changes.

**R507.3.3 Frost protection.**

Where decks are attached to a frost-protected structure, deck footings shall be protected from frost by one or more of the following methods:

1. Extending below the frost line ~~specified in Table R301.2~~ in accordance with 1303.1600.
2. Erecting on solid rock.
3. Other *approved* methods of frost protection

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

No

**Need and Reason**

1. Why is the proposed code change needed? Please provide a general explanation as well as a specific explanation for any changes to numerical values (heights, area, etc.)

Modification of this section to correlate with similar provisions of section 1309.  
Revised condition one to refer to Mn rule 1303 in lieu of the model code table.

2. Why is the proposed code change a reasonable solution?

It addresses a life safety issue unique to cold weather climates.

3. What other factors should the TAG consider?

None

**Cost/Benefit Analysis**

1. Will the proposed code change increase or decrease costs? Please explain and provide estimates if possible.

This is an editorial change and should not impact the cost of construction. Structures are required to have foundations.

2. If there is an increased cost, will this cost be offset by a safety or other benefit? Please explain. If the benefit is quantifiable (for example energy savings), provide an estimate if possible.

No cost change

3. If there is a cost increase, who will bear the costs? This can include government units, businesses, and individuals.

NA

4. Are there any enforcement or compliance cost increases or decreases with the proposed code change? Please explain.

No

5. Will the cost of complying with the proposed code change in the first year after the rule takes effect exceed \$25,000 for any one small business or small city ([Minn. Stat. § 14.127](#))? A small business is any business that has less than 50 full-time employees. A small city is any statutory or home rule charter city that has less than ten full-time employees. Please explain.

No

### **Regulatory Analysis**

1. What parties or segments of industry are affected by this proposed code change?  
Architects, Contractors, Developers, Building Owners, Contractors, Building Officials
2. Can you think of other means or methods to achieve the purpose of the proposed code change? What might someone opposed to this code change suggest instead? Please explain what the alternatives are and why your proposed change is the preferred method or means to achieve the desired result.  
No
3. What are the probable costs or consequences of not adopting the code change, including those costs or consequences borne by identifiable categories of affected parties, such as separate classes of government units, businesses, or individuals?  
Potential conflicts in code requirements and possible miss application of frost protection requirements.
4. Are you aware of any federal or state regulation or requirement related to this proposed code change? If so, please list the federal or state regulation or requirement and your assessment of any differences between the proposed code change and the federal regulation or requirement.  
no

\*\*\*Note: Incomplete forms may be returned to the submitter with instruction to complete the form. Only completed forms can be considered by the TAG.