

## ADVISORY COMMITTEE COMMENT FORM FOR PROPOSED CODE CHANGES

(This form must be submitted electronically)

### IEBC #1

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### **Proposed Code Change – Language (Added section 401.2.4)**

**1311.401.2 Building materials and systems.** Building materials and systems shall comply with the requirements of this section.

**401.2.1 Existing Materials.** Materials already in use in a building in compliance with requirements or approvals in effect at the time of their erection or installation shall be permitted to remain in use unless determined by the building official to be unsafe per Section 115.

**401.2.2 New and replacement materials.** Except as otherwise required or permitted by this code, materials permitted by the applicable code for new construction shall be used. Like materials shall be permitted for repairs and alterations, provided no hazard to life, health or property is created. Hazardous materials shall not be used where the code for new construction would not permit their use in buildings of similar occupancy, purpose and location.

**401.2.3 Existing seismic force resisting systems.** Where the existing seismic force resisting system is a type that can be designated ordinary, values of  $R$ ,  $\Omega_o$ , and  $C_d$  for the existing seismic force-resisting system shall be those specified by the International Building Code for an ordinary system unless it is demonstrated that the existing system will provide performance equivalent to that of a detailed, intermediate or special system.

**401.2.4 Analysis and test methods.** Structural analysis and test methods used for the evaluation of existing materials and systems may be performed using methods specified in the standard or building code in effect at the time the building was constructed.

### **Proposed Code Change – Need and Reason**

This change will allow the engineer or designer to evaluate materials and framing systems using design methodology in use at the time the building was originally designed. There are presently numerous archaic framing systems and materials in service within existing buildings. The current design methods recommended by the various design standards are focused on materials commonly in use today and do not address many of the archaic systems and materials found in existing buildings.

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

This proposed code change will result in neither a cost increase or decrease.

### **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).

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.

No

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?

Professional Engineers

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