

BOARD OF APPEALS

October 1, 2015

Board Members Present: Chairperson Wayne Larson, Harold Thompsen, Jeff Furstenau, Dave Obermiller

Others Present: Ron Strand, Ryan Erickson, Doug Desotel

Chairperson Larson called the meeting to order. Mr. Thompsen moved to approve the minutes of the September 17, 2015 meeting and Mr. Obermiller seconded the motion. All members present voted aye and the motion was declared carried.

Mr. Larson noted that there was no unfinished business to address. He reviewed the procedures for the code review hearings. Mr. Strand introduced Mr. Desotel.

Item One: Review of the Changes to the 2015 International Building Code Review (IBC), Chapters 12-15

Chapter 12 – Interior Environment

Section 1203.1 Inspections has previously **AMENDED** the second paragraph. This section will be revisited once the 2015 International Energy Conservation Code (IECC) and Section 403 of the 2015 International Mechanical Code (IMC) have been reviewed. Additional verbiage has been added to this section to state that ambulatory care facilities and Group I-2 occupancies shall be ventilated by mechanical means in accordance with Section 407 of the IMC.

Section 1203.2 Wording was added to the end of the parent section requiring ventilators to be installed in accordance with the installation instructions. The exceptions have also been reorganized and clarified.

Section 1203.3 This is a new section that has been added due to the newer process of spraying foam on the underside of the roof framing and sheathing. **Table 1203.3** (Insulation for Condensation Control) has also been added.

Section 1204 A second exception has been added that includes Group F, H, S, and U occupancies.

Section 1207 Staff recommends continuing the existing local **AMENDMENT** deleting this section on sound transmission.

Section 1208.2 A fourth exception has been added stating that corridors contained within a dwelling unit or sleeping unit in a Group R occupancy shall have a ceiling height of not less than 7 feet.

Section 1210.2.3 The non-absorbent height requirement for showers has been changed from 70" to 72" above the drain inlet.

Chapter 13 – Energy Efficiency

Section 1301.1.1 If the existing local **AMENDMENT** is not continued, this section adopts the IECC by reference, as does Section 101.4.6 of the 2015 IBC.

Chapter 14 – Exterior Walls

Section 1403.5 The last paragraph has been clarified and two exceptions have been added.

Section 1403.6 and 1403.7 Staff recommends continuing the existing local **AMENDMENT** deleting these sections to eliminate conflict with the City of Fargo's floodproofing code.

Section 1404.13 This is a new section that refers specifically to Chapter 26.

Section 1405.3 This section includes new wording that adds "or an approved design using accepted engineering practice for hydrothermal analysis".

Section 1405.3.1 Exception 4 was added.

Section 1405.3.2 This is a new section added for clarity regarding class III vapor retarders used in a specific set of circumstances.

Section 1405.3.3 The section has been expanded to clarify the perm ratings under the various classes of vapor retarders.

Section 1405.10.1.2 This section now specifically points out that flashing must also comply with Section 1405.4.

Section 1405.10.1.4–1405.10.7 These are new sections added to clarify the installation of masonry veneers over certain materials.

Section 1405.14.1 New wording has been added to specify the method for fastening vinyl siding to cold-formed steel frame construction.

Section 1405.16 New wording has been added to specify the method for fastening fiber-cement siding to cold-formed steel frame construction.

Section 1407.1 The subsection regarding the plastic core of metal composite materials has been removed.

Section 1410.1 This new section refers to Section 2612 on plastic composites.

Chapter 15 – Roof Assemblies and Rooftop Structures

Section 1504.3.2 The title of this section now includes the word structural and a second exception has been added for roofs constructed of aluminum.

Section 1505.2 A fourth exception has been added for Class A roof assemblies that include slate installed over ASTM D 226, Type II underlayment over combustible decks.

Sections 1505.9 and 1505.10 are new sections.

Section 1506 The subsection for compatibility of materials has been removed.

Section 1507.2.6 Staff recommends continuing the existing local **AMENDMENT** adding the words "or other fasteners as approved by the building official and shingle manufacturer".

Section 1507.2.9.3 This section now specifies that the underlayment must be installed over the drip edges along the eaves and rake edges.

Section 1507.4.4 A fourth exception has been added to allow aluminum fasteners to be used with aluminum roofs attached to aluminum supports.

Section 1507.17 A series of new subsections have been added to this section for specific requirements and circumstances.

Table 1508.2 Fiber-reinforced gypsum board and glass-faced gypsum board have been added to this table.

Section 1509 is a new section.

Section 1510.9 This is a new section that refers to Table 601 and specifies that footnote a to that table shall not apply to roofs containing rooftop structures.

Section 1511 Staff recommends continuing the existing local **AMENDMENT** relocating this section as Appendix N.

Section 1512 This section has been reworded and the subsection referring to Table 601 removed.

Mr. Strand pointed out that Section 1301.1.1 would adopt the IECC and that all of the energy code considerations would be reviewed and addressed together later in the code review process. He stated that staff had to follow changes from the 2009 International Codes through the 2012 editions to understand their effects in the 2015 codes. Mr. Thompsen verified that the energy conservation topics would all be addressed in March, 2016 according to the schedule and Mr. Strand agreed. The Board discussed the reasons why the requirements in the 2012 codes had not been adopted. Mr. Strand stated that the reasoning would be revisited during the review process and be a part of the discussion surrounding the new editions. There being no further business to come before the Board, the meeting was adjourned.

Respectfully submitted,

Ron C. Strand
Board Secretary