

AGENDA

UBC COMMISSION STRUCTURAL ADVISORY COMMITTEE

November 7, 2013 3:00 pm
Heber M Wells Building Room 475
160 E 300 S Salt Lake City, UT

This agenda is subject to change up to 24 hours prior to the meeting.

1. Approval of the minutes from July 18, 2013
2. Review R156-15A-401 Adoption – Approved Codes and R156-15A-402 – Statewide Amendments to the IEBC

INFO ITEMS

- a. IBC Amendment Status Log

Please call Sharon at 530-6163 or email ssmalley@utah.gov if you do not plan on attending this meeting.



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Division of Occupational and Professional Licensing, 160 East 300 South, Salt Lake City UT 84111, Phone 530-6628 or toll-free in Utah only 866-275-3675

MINUTES

UTAH
UNIFORM BUILDING CODE COMMISSION
STRUCTURAL ADVISORY COMMITTEE
MEETING

July 18, 2013

Room 402 – 4th Floor 3:30
Heber M Wells Building
160 East 300 South
Salt Lake City UT 84111

STAFF:

Sharon Smalley, Board Secretary

COMMITTEE MEMBERS:

Justin Naser
Jerel Newman
Mark Urry
Josh Blazzard

Michael Buehner
Richard Lewis
Jerry Thompson
Peter McDonough

VISITORS:

SWEAR IN NEW MEMBERS

The two new members of the committee were sworn in.

ELECT A CHAIRMAN AND VICE
CHAIRMAN

A motion was by Josh Blazzard and seconded by Peter McDonough to nominate Jerry Thompson as chairman and a motion was made by Richard Lewis and seconded by Josh Blazzard to nominate Jerel Newman as vice chair. Both motions passed unanimously.

MINUTES

A motion was made by Josh Blazzard to approve the minutes from the June 7, 2012 and July 5, 2012 meetings as written. The motion was seconded by Jerel Newman and passed unanimously.

REVIEW AMENDMENT FOR SECTION
3401.7 PARAPET BRACING, WALL
ANCHORS, AND OTHER APPENDAGES

Justin Naser gave the background and an explanation for the current amendment. Those present discussed this amendment. Following the discussion, a motion was made by Jerry Thompson to rewrite the current amendment to read as follows: "A new section IBC, Section 3401.7, is added as follows: " 3401.7 Parapet bracing, wall anchors, and other appendages. A building constructed prior to 1975 having

parapets and appendages such as cornice spires, towers, tanks, signs, statuaries, etc, that are undergoing alterations requiring a building permit, shall comply with the provisions of the International Existing Building Code.

Exceptions: 1. Group R-3 and U occupancies.
2. Unreinforced masonry parapets need not be braced according to the above stated provisions provided that the maximum height of an unreinforced masonry parapet above the level of the diaphragm tension anchors or above the parapet braces shall not exceed one and one-half times the thickness of the parapet wall.”

The motion was seconded by Michael Buehner. During the discussion on the motion for the proposal, the words “or structural repair” were added between the words “alterations” and “requiring”. The motion to change the current amendment as amended passed unanimously.

During the discussion it was noted that a change would have to be recommended to R156-15A in order to update the IECC to the 2012 edition.

The meeting adjourned at 5:05.

Note: These minutes are not intended to be a verbatim transcript but are intended to record the significant features of the business conducted in this meeting. Discussed items are not necessarily shown in the chronological order they occurred.

Agenda Item #2

R156-15A-401. Adoption - Approved Codes.

Approved Codes. In accordance with Subsection 15A-1-204(6)(a), and subject to the limitations contained in Subsection 15A-1-204(6)(b), the following codes or standards are hereby incorporated by reference and approved for use and adoption by a compliance agency as the construction standards which may be applied to existing buildings in the regulation of building alteration, remodeling, repair, removal, seismic evaluation, and rehabilitation in the state:

- (1) the 1997 edition of the Uniform Code for the Abatement of Dangerous Buildings (UCADB) promulgated by the International Code Council;
- (2) the 2009 edition of the International Existing Building Code (IEBC), including its appendix chapters, promulgated by the International Code Council;
- (3) ASCE 31-03, Seismic Evaluation of Existing Buildings, promulgated by the American Society of Civil Engineers;
- (4) ASCE/SEI 41-06, the Seismic Rehabilitation of Existing Buildings, promulgated by the American Society of Civil Engineers, 2007 edition.

R156-15A-402. Statewide Amendments to the IEBC.

The following are adopted as amendments to the IEBC to be applicable statewide:

- (1) In Section 101.5 the exception is deleted.
- (2) In Section 202 the definition for existing buildings is deleted and replaced with the following:
EXISTING BUILDING. A building lawfully erected under a prior adopted code, or one which is deemed a legal non-conforming building by the code official, and one which is not a dangerous building.
- (3) In Section 605.1, Exception number 3, the following is added at the end of the sentence:
"unless undergoing a change of occupancy classification."
- (4) Section 606.2.1 is deleted and replaced with the following:
606.2.1 Parapet bracing, wall anchors, and other appendages. Buildings constructed prior to 1975 shall have parapet bracing, wall anchors, and appendages such as cornices, spires, towers, tanks, signs, statuary, etc. evaluated by a licensed engineer when said building is undergoing reroofing, or alteration of or repair to said feature. Such parapet bracing, wall anchors, and appendages shall be evaluated in accordance with the reduced International Building Code level seismic forces as specified in IEBC Section 101.5.4.2 and design procedures of Section 101.5.4. When found to be deficient because of design or deteriorated condition, the engineer's recommendations to anchor, brace, reinforce, or remove the deficient feature shall be implemented.
EXCEPTIONS:
 1. Group R-3 and U occupancies.
 2. Unreinforced masonry parapets need not be braced according to the above stated provisions provided that the maximum height of an unreinforced masonry parapet above the level of the diaphragm tension anchors or above the parapet braces shall not exceed

one and one-half times the thickness of the parapet wall. The parapet height may be a maximum of two and one-half times its thickness in other than Seismic Design Categories D, E, or F.

- (5) Section 907.3.1 is deleted and replaced with the following:
907.3.1 Compliance with the International Building Code. When a building or portion thereof is subject to a change of occupancy such that a change in the nature of the occupancy results in a higher seismic occupancy based on Table 1604.5 of the International Building Code; or where such change of occupancy results in a reclassification of a building to a higher hazard category as shown in Table 912.4; or where a change of a Group M occupancy to a Group A, E, F, M, R-1, R-2, or R-4 occupancy with two-thirds or more of the floors involved in Level 3 alteration work; or when such change of occupancy results in a design occupant load increase of 100% or more, the building shall conform to the seismic requirements of the International Building Code for the new seismic use group.
Exceptions 1-4 remain unchanged.
5. Where the design occupant load increase is less than 25 occupants and the occupancy category does not change.
- (6) In Section 912.7.3 exception 2 is deleted.
- (7) In Section 912.8 number 7 is added as follows:
7. When a change of occupancy in a building or portion of a building results in a Group R-2 occupancy, not less than 20 percent of the dwelling or sleeping units shall be Type B dwelling or sleeping units. These dwelling or sleeping units may be located on any floor of the building provided with an accessible route. Two percent, but not less than one unit, of the dwelling or sleeping units shall be Type A dwelling units.

Info Items

