

**IDAHO BUILDING CODE BOARD
VIDEOCONFERENCE MEETING**

Tuesday – June 18, 2013 – 9:30 a.m. (MT)

**Division of Building Safety
1090 East Watertower Street, Suite 150, Meridian, Idaho
1250 Ironwood Drive, Suite 220, Coeur d’Alene, Idaho
2055 Garrett Way, Building 1, Suite 4, Pocatello, Idaho**

NOTE: The following report is not a verbatim transcript of the discussions at the meeting,
but is intended to record the significant features of those discussions.

Chairman Andrew Bick called the meeting to order at 9:32 a.m. (MT).

Board Members Present:

Andrew Bick, Chairman
Carol Alexander, Vice-Chairman
Chuck Bleth
Scott Buck
Dennis Schaffner
Michael Arrington
Dan Hunter

DBS Staff Members Present:

C. Kelly Pearce, Administrator
Steve Keys, Deputy Administrator-Operations
Ron Whitney, Deputy Administrator-Administration
Patrick Grace, Deputy Attorney General
Kathleen Watkins, Financial Manager
Arlan Smith, Program Manager
Rod Freligh, Regional Manager, Region 1
Chris Jensen, Regional Manager, Region 3
Terry Blessing, Regional Supervisor, Region 1
Renee Bryant, Administrative Assistant 2/Board Secretary

Board Members Absent:

Jan Welch
Jeff Garro
Mike Tracy

◆ **Open Forum**

No items or concerns were brought forth.

◆ **Recognition**

Carol Alexander was recognized for her years of service on the Board with a commemorative plaque.

◆ **Approval of the June 18, 2013 Agenda**

MOTION: Dan Hunter made a motion to approve the agenda as presented. Michael Arrington seconded. All in favor, motion carried.

◆ **Approval of the April 16, 2013 Board Meeting Minutes**

MOTION: Carol Alexander made a motion to approve the minutes as written. Scott Buck seconded. All in favor, motion carried.

◆ **Public Testimony – Adopt and/or Amend the International Building Code (IBC), International Residential Code (IRC), International Energy Conservation Code (IECC), and International Existing Building Code (IEBC)**

Rob Brooks, Rob Brooks and Associates, stated when alterations are made to the wall assemblies selected in the R-Value table, it is important the U-Factor and R-Value match. For climate zone five, the two components do not match when applying a consistent calculation method. An ICC-ES Evaluation report by ICC Evaluation Services shows the equivalent U-Factor for zone five, wood frame wall insulation for R-20, is .06 instead of .057, which is currently listed in the table in the 2012 IECC.

The National Association of Home Builders promulgated the above changes in draft proposal RE50-13 (IECC table R402.1.3/IRC table N1102.1.3). The proposal was accepted at the 2015 IECC Code Action Hearings in April 2013 and will be presented at the Final Action Hearings in the fall of 2013.

◆ **Adopt, Amend or Reject Proposed Amendments to the 2009 and 2012 Building and Energy Codes**

International Building Code – 2012

Jason Blais, city of Boise, Code Collaborative, and Idaho Association of Building Officials Representative, stated the following proposed changes are an attempt to align the IBC with IDAPA rules on the subject of day care.

- 305.2.3 “Five or Fewer Children in a Dwelling Unit” – This is the “E” occupancy section. This section was modified from “five” to “twelve” or fewer children in a dwelling unit to comply with the IRC and be classified as Group R-3 occupancy.

MOTION: Dan Hunter made a motion to approve the deletion and replacement as presented. Carol Alexander and Michael Arrington seconded. All in favor, motion carried.

- 308.6.4 “Five or Fewer Persons Receiving Care in a Dwelling Unit” – This is the “I” occupancy section. To comply with the IRC and be classified as Group R-3 occupancy, the verbiage “Twelve or fewer children receiving day care or having” was added to this section. It was recommended the fire code be amended as well.

Deputy Chief Fire Marshal Romeo Gervais, Boise Fire, is comfortable with the amendments as they follow the IDAPA rules. Also, the fire codes will be brought forward.

MOTION: Dan Hunter made a motion to adopt the proposal as presented. Dennis Schaffner seconded. All in favor, motion carried.

- 310.5 “Residential Group R-3” – For clarification, the following was added to the R-3 list: 1) “E” to the group, and 2) “Dwelling units providing day care for twelve or fewer children” to the definitions.

MOTION: Carol Alexander made a motion to approve the amendment as proposed. Chuck Bleth seconded. All in favor, motion carried.

- 310.5.1 “Care Facilities Within a Dwelling” – The verbiage “twelve or fewer children receiving day care or for” was added to comply with the IECC. The automatic sprinkler system verbiage was removed since it has already been amended in Idaho and is not required in a single family residence.

MOTION: Dan Hunter made a motion to approve section 310.5.1 of the proposed IBC change. Michael Arrington seconded. All in favor, motion carried.

International Residential Code – 2012

The 2012 IRC has not been adopted by the Board.

MOTION: Dan Hunter made a motion to adopt the 2012 IRC. Scott Buck seconded. All in favor, motion carried.

Jason Blais addressed the following proposed changes to the IRC:

- R.101.2 “Scope” – The current code requires owner-occupied homes to be classified as R-1 occupancy out of the IBC and fire sprinklered no matter the size or number of occupants.

In the 2012 IRC, owner-occupied lodging houses with five or fewer guest rooms shall be permitted to construct in accordance with the IRC when equipped with fire sprinklers.

Under exceptions, the proposal removes fire suppression requirements in the IBC for one and two-family dwellings, and fire sprinkler requirements in the IRC for owner-occupied bed and breakfast services with five or fewer guest rooms.

MOTION: Scott Buck made a motion to adopt the amendment to R101.2 with the following exceptions: 1) Six or less guests OR three or less bedrooms, the home does not have to be sprinkled; 2) Four or five bedrooms, the home can be sprinkled under the IRC; and 3) Carbon monoxide and smoke detectors are required. The motion died for lack of a second.

MOTION: Carol Alexander made a motion that section R101.2 “Scope” be amended by the deletion of exception one, exception two would become exception one with the deletion of “when equipped with a fire sprinkler system in accordance with Section P2904”, and leave the rest as it stands. Dan Hunter seconded. Six ayes, one nay, motion carried.

- R.105.2 “Work Exempt From Permit” – Modify the exemption list to include “flag poles”. Local zoning laws will continue to regulate standards.

MOTION: Michael Arrington made a motion to approve the proposal as presented. Dennis Schaffner seconded. All in favor, motion carried.

- R.303.4 “Mechanical Ventilation” – Remove in its entirety. The Collaborative agreed the residential provisions of energy efficiency in the 2012 codes needs to revert to the level of the currently adopted 2009 provisions. A blower door test and visual air sealing inspection will remain as options only.

MOTION: Dennis Schaffner made a motion to approve the proposal as presented. Michael Arrington seconded. All in favor, motion carried.

- R.501.3 “Fire Protection of Floors” – Remove in its entirety. Any new code provisions brought forward that would increase the cost to construct a home would not be acceptable to the legislature.

Deputy Chief Fire Marshal Gervais stated this section was added primarily for firefighter safety.

MOTION: Dennis Schaffner made a motion to approve the proposal as presented. Chuck Bleth seconded. Five ayes and two nays, motion carried.

- R.602.10 “Wall Bracing” – The verbiage “or the most current version of APA System Report SR-102 as an alternative method.” was added to provide another viable option to comply with the wall bracing requirements of the code on a residential home for builders.

MOTION: Dennis Schaffner made a motion to approve the approval as amended. Dan Hunter seconded. Six ayes and one nay, motion carried.

International Energy Conservation Code and International Residential Code – 2012

The 2012 IECC has not been adopted by the Board.

MOTION: Dan Hunter made a motion to adopt the 2012 IECC. Carol Alexander seconded. All in favor, motion carried.

Ken Baker, Code Collaborative Representative, addressed the following proposed changes:

- R402.1.1 & N1102.1.1 (Tables) “Insulation & Fenestration Requirements by Component” – Amend tables R402.1.1 of the 2012 IECC and N1102.1.1 of the 2012 IRC to the 2009 levels of insulation R-Values and window/skylight U-Factors.

MOTION: Dennis Schaffner made a motion to approve the proposal as presented. Michael Arrington seconded. All in favor, motion carried.

- R402.1.3 & N1102.1.3 (Tables) “Equivalent U-Factors” – Amend tables R402.1.3 of the 2012 IECC and N1102.1.3 of the 2012 IRC to the 2009 levels of U-Factors.

MOTION: Dan Hunter made a motion to approve the proposal as presented. Dennis Schaffner seconded. All in favor, motion carried.

- R402.2.5 & N1102.2.6 (Tables) “Steel-Frame Ceiling, Wall & Floor Insulation (R-Value)” – Amend tables R402.2.5 of the 2012 IECC and N1102.2.6 of the 2012 IRC to the 2009 levels of metal building U-Factors.

MOTION: Scott Buck made a motion to approve the proposal as presented. Dennis Schaffner seconded. All in favor, motion carried.

- R402.4.1 & N1102.4.1 “Building Thermal Envelope” – Amend the 2012 air leakage standards to the 2009 requirements; allowing either a visual inspection or test with a blower door.

MOTION: Dan Hunter made a motion to approve the proposal as presented. Dennis Schaffner seconded. All in favor, motion carried.

- R402.4.1.1 & N1102.4.1.1 “Installation” – Remove language with regard to third party inspections.

MOTION: Dan Hunter made a motion to approve the proposal as presented. Dennis Schaffner and Scott Buck seconded. All in favor, motion carried.

- R402.4.1.1 & N1102.4.1.1 (Tables) “Air Barrier & Insulation Installation” – Amend Tables 402.4.1.1 of the 2012 IECC and N1102.4.1.1 of the 2012 IRC; deleting the requirement for wood burning fireplace gasketed doors.

MOTION: Scott Buck made a motion to approve the proposal as presented. Dennis Schaffner seconded. All in favor, motion carried.

- R402.4.1.2 & N1102.4.1.2 “Testing” – Amend the 2012 code requirements for building envelope testing back to the 2009 levels. This keeps in place air leakage options that were in the 2009 codes and allows for a 2009 level of air leakage.

The Division is working to devise a simple, inexpensive passive method to meet this requirement. A proposal will be brought forward at a future meeting.

MOTION: Dennis Schaffner made a motion to approve the proposal as presented. Scott Buck seconded. All in favor, motion carried.

- R402.4.1.3 & N1102.4.1.3 (New Sections) “Visual Inspection Option” – This new section allows code officials to authorize an approved third-party to inspect the air barrier and insulation.

MOTION: Dan Hunter made a motion to approve the proposal as presented. Dennis Schaffner seconded. All in favor, motion carried.

- R402.6 & N1102.6 (New Sections) “Residential Log Home Thermal Envelope” – This new section provides a prescriptive path for log home compliance.

MOTION: Scott Buck made a motion to approve the proposal as presented. Dennis Schaffner seconded. All in favor, motion carried.

- R404.1 & N1104.1 “Lighting Equipment (Mandatory)” – Amend the 2012 code requirements back to the 2009 code level of 50% lighting sockets.

MOTION: Scott Buck made a motion to approve the proposal as presented. Dennis Schaffner seconded. All in favor, motion carried.

There was concern should the proposed code changes be submitted as one package to the legislature and there are contentions with any of them, they could be rejected as a whole.

MOTION: Dan Hunter made a motion to present the proposals as one package with the exception of the following proposals being presented separately at the 2014 legislature: 1) IRC R.101.2 “Scope”, guest room sprinklers; 2) IRC R.501.3 “Fire Protection of Floors”; and 3) IRC R602.10 “Wall Bracing”. Scott Buck Seconded. All in favor, motion carried.

◆ **Program Manager Report**

Construction – With the implementation of the 2012 IECC, projects within the jurisdiction of the Division’s Building program consist primarily of maintenance, nature projects, and remodels. Two major projects in progress is the football complex at Boise State University, Boise; and classroom building at the College of Southern Idaho, Pocatello.

◆ **Operational Report**

Energy – A letter to the governor from the U. S. Department of Energy has been forwarded to the Division for reply. The letter addresses state certification of residential and commercial building energy codes.

◆ **Administrator Report**

Financial Report – The Idaho Building Code fund, FY 2013 financial statement as of May 31, 2013, was reviewed.

Recognition – Carol Alexander was recognized by the administrator for her role on the Idaho Building Code Board and HVAC Board over the last several years.

Statewide Projects – Administrator Pearce addressed 26 projects in 16 locations throughout the state of Idaho in which the Division is involved.

Budget – In 2007, the Division had 152 full-time employees (FTE). As of July 1, 2013, its authorized strength will be 121. For FY 2014, the Division’s appropriations have been reduced by \$500,000 and manpower decreased by ten (10) FTE.

◆ **Adjournment**

MOTION: Chuck Bleth made a motion to adjourn the meeting. Michael Arrington seconded. All in favor, motion carried.

The meeting adjourned at 1:25 p.m. (MT).

ANDREW BICK, CHAIRMAN
IDAHO BUILDING CODE BOARD

C. KELLY PEARCE, ADMINISTRATOR
DIVISION OF BUILDING SAFETY

DATE

DATE

07/19/13rb