

**IDAHO BUILDING CODE BOARD
SPECIAL VIDEOCONFERENCE MEETING**

Monday – June 18, 2012 – 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 intended to be 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
Michael Arrington
Dan Hunter
Dennis Schaffner
Jeff Garro
Jan Welch

DBS Staff Members Present:

C. Kelly Pearce, Administrator
Steve Keys, Deputy Administrator-Operations
Ron Whitney, Deputy Administrator-Administration
Patrick Grace, Deputy Attorney General
Rod Freligh, Regional Manager, Region 1
Chris Jensen, Regional Manager, Region 3
Bill Hatch, Public Information Officer
Renee Bryant, Administrative Assistant 2/Board Secretary

Board Members Absent:

Mike Tracy

This special public meeting was held to allow interested parties to recommend proposed amendments to the 2009 and/or 2012 Building and Energy Codes.

◆ **IRC 2012 – R315.3 “Carbon Monoxide-Alarms Required”**

Jason Blais, city of Boise, stated the following: 1) No exceptions in section R315.3 of the 2009 and 2012 International Residential Codes (IRC); 2) smoke detector portion of IRC has exceptions; 3) International Code Council (ICC) interpreted code as all required permits should initiate the upgrading of carbon monoxide detectors within a home, including exterior work; 4) neighboring states have amended this section; and 5) no fiscal impact.

◆ **Public Comments**

As representative for the Building Contractors Association of Southwestern Idaho (BCASWI), Steve Martinez requested a one year moratorium be placed on the adoption of the 2012 code. For clarification, it is not BCASWI’s intention to take over the creation of a state code, but to assist in the process.

June 13-15, 2012, the Idaho Building Contractors Association (IBCA) held its state meeting. The IBCA board opposes the adoption of the 2012 code; however, supports a state code.

Ed Wagner, city of Coeur d'Alene and Idaho Association of Building Officials (IDABO) representative, offered to meet with BCASWI representatives to discuss the 2009 and 2012 codes, amendments, and options.

Significant changes to the 2012 codes, provided by Carol Alexander, are available on the Division's website http://dbs.idaho.gov/boards/rulemaking_comments.html.

Kraig Stevenson, ICC, offered to create a Webinar presentation based on significant changes to the IRC and energy code.

Tom Lovlien with Boise Cascade is opposed to the adoption of the 2012 International Energy Conservation Code (IECC).

Tom Kositzky, Coalition for Fair Energy Codes, addressed the prescriptive R-value in the 2012 IECC. The Coalition is against the adoption of the 2012 IECC.

The services of ICC Evaluation Service (ICC-ES) were explained by Rob Brooks. ICC-ES is developing acceptance criteria for parties interested in the opaque framed wall assemblies to the building thermal envelope requirements in the 2012 IECC.

◆ **2012 IECC and 2012 IRC Amendments**

Should the Board move forward with the 2012 IECC, Ken Baker, Association of Idaho Cities (AIC) representative, recommended the following be amended to reflect verbiage from the 2009 IECC: Tables 402.1.1 "Insulation and Fenestration Requirements by Component" and 402.1.3 "Equivalent U-Factors", air leakage control for building thermal envelope, and lighting. Table N1102.1.1 "Insulation and Fenestration Requirements by Component" in the 2012 IRC coincides with table 402.1.1 and would need to reflect the change as well.

Ed Wagner proposed the following amendments:

Tables R402.1.1 and N1102.1.1 "Insulation and Fenestration Requirements by Component" – Under column "Ceiling R-Value", change the value in climate zone five from 49 to 38.

Table 402.4.1.1 "Air Barrier and Insulation Installation" – Under "Walls" in the criteria column add: "Knee walls shall have insulation installed as per exterior walls with six-sided encasement. Air barriers are required behind outlet boxes on exterior walls. Cavity insulation values in exterior walls shall be as follows: R-20 for foam, or R-21 for fiberglass batt insulation."

R402.4.1.2 "Testing" – Delete in its entirety.

Sharon Patterson's company, Eco Edge, conducted a market assessment of building officials, elected officials, architects, and homeowners to gain their perception on energy codes. The Division offered to post the survey on its website.

ACTION: DBS will post Eco Edge's market survey on its website.

R302.2.4 “Structural Independence” – Exceptions 5: Change the common hour for a fire-resistance-rated wall from one to two, and add to the end of the sentence “exposure from both sides”.

In Idaho Code § 39-4116(3) sprinklers are not required in one and two family dwellings. Thus, a fire-resistance-rated wall is needed to protect life and safety.

Table R302.6 “Dwelling/Garage Separation” – Require all “**Materials**” to be $\frac{1}{2}$ ”– $\frac{5}{8}$ ” Type X drywall in all instances requiring protection. This was reduced due to the elimination of sprinklers, and would restore drywall as a safety factor.

R501.3 “Fire Protection of Floors” – Delete this new section entirely as it has been identified as a potential cost to homeowners and builders.

Romeo Gervais, Boise Fire, is opposed to the amendment. The structure of the new wood joists is phenomenal; however, from a fire standpoint they have a much reduced time for failure.

Mr. Gervais agreed to gather data from the national level with regard to how many fires had I-joist systems.

Carol Alexander expressed conflict with exception 4 and the dimensional lumber requirements. Ms. Alexander supports the proposal; stating the section needs to be reviewed more closely for consistency before it becomes part of the code.

Chairman Bick suggested, and Mr. Gervais agreed, to bring to a future Board meeting an alternative proposal to clarify exception 4.

◆ **IDAPA 07.03.01.004 “Adoption and Incorporation by Reference”**

Ed Wagner proposed the editions of the IBC, IRC, IEBC and IECC should be changed from 2009 to 2012. Also, in subsection 02.b, the fence height is amended from not over six feet to seven feet.

◆ **2012 IBC Table 2902.1 “Minimum Number of Required Plumbing Fixtures”**

Footnote “F” – Currently, drinking fountains are not required for an occupant load of 15 or fewer. The city of Boise receives complaints weekly with regard to the cost to purchase and install drinking fountains. Jason Blais proposed the occupancy load be raised to 30 or fewer. This number is consistent with the Uniform Plumbing Code.

Footnote “G” – For consistency with footnote “j”, a new footnote “g” has been added to the 2012 IBC; changing the occupant load of 15 or fewer for service sinks to 30 or fewer.

◆ **2012 ICC Codes**

Carol Alexander proposed to adopt the 2012 ICC codes with amendments. Included in the documentation was a publication by the Department of Energy of their findings on the differences between the 2009 and 2012 IECC, and the length of time it would take for paybacks on certain features.

Ms. Alexander challenged the Board to read Idaho Code § 39-4107 “Powers and Duties”.

◆ **Future Idaho Building Code Board Meetings**

A special meeting of the Idaho Building Code Board (IBCB) will be held Monday, August 20, 2012, at 9:30 a.m. (MDT) The purpose of the meeting will be for the Board to adopt, amend or reject the codes addressed at today’s meeting.

The next regularly scheduled meeting will be Tuesday, October 9, 2012, at 9:30 a.m. (MDT)

◆ **Stakeholder/Subcommittee Meeting**

Dan Hunter reiterated the offer made earlier by Ed Wagner to meet with Steve Martinez on the 2012 codes. It was suggested two members of the Board be in attendance and report back at August 20, 2012 special Board meeting.

MOTION: Jan Welch made a motion for the Board to determine the two board members that will participate in the discussion of the proposed amendments on the 2012 codes on Wednesday, June 20th with Ed Wagner and Steve Martinez. Scott Buck Seconded. All in favor, motion carried.

Dan Hunter and Jan Welch volunteered to represent the Board. DBS and the city of Boise offered their facilities for the meeting. City of Idaho Falls Fire Marshal Ken Anderson and Ron Whitney volunteered as well. Other entities to invite: Associated General Contractors; Realtors; Tom Lovlien, Boise Cascade; Tom Kositzky, Coalition for Fair Energy Codes; and Ken Baker, AIC.

◆ **Adjournment**

MOTION: Jan Welch made a motion to adjourn the meeting. Scott Buck seconded. All in favor, the meeting adjourned at 12:50 p.m. (MT)

ANDREW BICK, CHAIRMAN
IDAHO BUILDING CODE BOARD

C. KELLY PEARCE, ADMINISTRATOR
DIVISION OF BUILDING SAFETY

DATE

DATE

08/27/12rb