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**State of Idaho Building Code Board
Building Code Change Submittal**

Date Jun 8, 2012

Proponent Idaho Association of Building Officials
(Jurisdiction, Chapter, Company, Association, Organization, etc)

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Specific code considered for amendment (IBC, IRC, IECC, IEBC) IBC, IRC, IECC

Section See attached Page See attached Change the paragraph to read as follows:

See attached amended IDAPA 07.03.01

Reason for change with supporting documentation:

We propose to continue the amendments for the current 2009 codes to be included within the 2012 codes. These amendments were reviewed and discussed with all affected parties through the previous rulemaking process. This includes the modifications in the IECC for log home construction which was the result of lengthy discussions which resulted in consensus requirements for these homes. We have not found there are any additional cost issues with these amendments.

**IDAPA 07
TITLE 03
CHAPTER 01**

07.03.01 – RULES OF BUILDING SAFETY

000. LEGAL AUTHORITY.

The Idaho Building Code Board of the Division of Building Safety is authorized under Section 39-4107, Idaho Code, to promulgate rules concerning the enforcement and administration of the Idaho Building Code Act.

(3-30-06)

001. TITLE AND SCOPE.

01. Title. These rules shall be cited as IDAPA 07.03.01, “Rules of Building Safety,” Division of Building Safety.

(3-30-06)

02. Scope. These rules prescribe the criteria for enforcement and administration of the Idaho Building Code Act by the Idaho Building Code Board and the Building Bureau of the Division of Building Safety.

(3-30-06)

002. WRITTEN INTERPRETATIONS.

In accordance with Section 67-5201(19)(b)(iv), Idaho Code, this agency has statements that pertain to the interpretation of the rules of this chapter. These statements are available for review and copying at the offices of the Division of Building Safety.

(3-30-06)

003. ADMINISTRATIVE APPEALS.

This chapter does not provide for administrative relief of the provisions contained herein.

(3-30-06)

004. ADOPTION AND INCORPORATION BY REFERENCE.

Under the provisions of Section 39-4109, Idaho Code, the codes enumerated in this Section are hereby adopted and incorporated by reference into IDAPA 07.03.01, “Rules of Building Safety,” Division of Building Safety. The effective date of a 2009 edition of any of the codes adopted in this Section with any amendments identified thereto shall be January 1, 2011. Until such time, the 2006 edition of any such code enumerated in this Section without amendment will remain effective pursuant to Section 39-4109, Idaho Code. Copies of these documents may be reviewed at the office of the Division of Building Safety. The referenced codes may be obtained from International Code Council, 5360 Workman Mill Road, Whittier, California 90601-2298 or the International Code Council.

(3-29-10)

01. International Building Code. 2009 2012 Edition.

(3-29-10)

02. International Residential Code. 2009 2012 Edition.

(3-29-10)

a. Delete the exception 1 contained under IRC Section R101.2 – Scope.

(4-7-11)

b. Delete item No. 2 contained under the “Building” subsection of IRC section R105.2 – Work exempt from permit, and replace with the following: Fences not over six (~~6~~) 7 feet (one thousand, eight hundred twenty-nine (1829) mm) high may be exempted from the requirement for a building permit in the absence of any other applicable land use regulations governing the installation, height, type or other aspect.

(4-7-11)

c. Delete item No. 7 contained under the “Building” subsection of IRC section R105.2 – Work exempt from permit, and replace with the following: Prefabricated swimming pools that are not greater than four (4) feet (one thousand, two hundred nineteen (1219) mm) deep.

(4-7-11)

d. Delete IRC section R109.1.3 and replace with the following: Floodplain inspections. For construction in areas prone to flooding as established by Table R301.2(1), upon placement of the lowest floor,

including basement, the building official is authorized to require submission of documentation of the elevation of the lowest floor, including basement, required in section R322.

e. IRC Table R302.1 Exterior Walls – delete the figures contained in the last column of the table under the heading Minimum Fire Separation Distance, and replace with the following:

Minimum Fire Separation Distance		
Walls (fire-resistance rated):	<	Three (3) Feet
Walls (not fire-resistance rated):	≥	Three (3) Feet
Projections (fire-resistance rated):	<	Three (3) Feet
Projections (not fire-resistance rated):	≥	Three (3) Feet

(3-29-10)

f. Delete the exception contained under IRC section R302.2 – Townhouses, and replace with the following: Exception: A common one-hour or two-hour fire resistance rated wall assembly tested in accordance with ASTM E 119 or UL 263 is permitted for townhouses if such walls do not contain plumbing or mechanical equipment, ducts or vents in the cavity of the common wall. The wall shall be rated for fire exposure from both sides and shall extend to and be tight against the exterior walls and the underside of the roof sheathing. Penetrations of electrical outlet boxes shall be in accordance with section R302.4. (3-29-10)

g. Delete the exception contained under IRC section R313.1 – Townhouse automatic fire sprinkler systems, and replace with the following: Exception: Automatic residential fire sprinkler systems shall not be required in townhouses where a two-hour fire-resistance rated wall is installed between dwelling units or when additions or alterations are made to existing townhouses that do not have an automatic residential fire sprinkler system installed. (3-29-10)

h. Delete IRC section R313.2. (3-29-10)

i. Delete IRC section R322.1.10. (3-29-10)

j. Delete IRC section R322.2.2 paragraph 2.2, and replace with the following: The total net area of all openings shall be at least one (1) square inch (645 mm²) for each square foot (0.093 m²) of enclosed area, or the opening shall be designed and the construction documents shall include a statement that the design and installation of the openings will provide for equalization of hydrostatic flood forces on exterior walls by allowing the automatic entry and exit of floodwaters. (3-29-10)

03. **International Existing Building Code. 2009 2012 Edition.** (3-29-10)

04. **International Energy Conservation Code. 2009 2012 Edition with the following amendments.** (4-7-11)

a. Add the following footnote to the title of Table 402.1.1 – Insulation and Fenestration Requirements by Component: ^k For residential log home building thermal envelope construction requirements see section 402.6. (4-7-11)

b. Add the following section: 402.6 Residential Log Home Thermal Envelope. Residential log home construction shall comply with sections 401 (General), 402.4 (Air Leakage), 402.5 (Maximum Fenestration U-Factor and SHGC), 403.1 (Controls), 403.2.2 (Sealing), 403.2.3 (Building Cavities), sections 403.3 through 403.9 (referred to as the mandatory provisions), Section 404 (Electrical Power and Lighting Systems), and either Subparagraph 004.04.b.i., ii., or iii as follows: (4-7-11)

i. Sections 402.2 through 402.3, 403.2.1, 404.1 and Table 402.6; (4-7-11)

ii. Section 405 Simulated Performance Alternative (Performance); or (4-7-11)

iii. REScheck (U.S. Department of Energy Building Codes Program). (4-7-11)

c. Add Table 402.6 Log Home Prescriptive Thermal Envelope Requirements by Component to be used only in accordance with Subparagraph 004.04.b.i. above to appear as follows:

TABLE 402.6
LOG HOME PRESCRIPTIVE THERMAL ENVELOPE REQUIREMENTS BY COMPONENT

For SI: 1 foot = 304.8 mm.

CLIMATE ZONE	FENESTRATION U-FACTOR ^a	SKYLIGHT U-FACTOR	GLAZED FENESTRATION SHGC	CEILING R-VALUE	Min. Average LOG Size in Inches	FLOOR R-VALUE	BASEMENT WALL R-VALUE ^d	SLAB R-VALUE & DEPTH ^b	CRAWL SPACE WALL R-VALUE ^d
5, 6 – High efficiency equipment path ^c	0.32	0.60	NR	49	5	30	15/19	10, 4 ft.	10/13
5	0.32	0.60	NR	49	8	30	10/13	10, 2 ft.	10/13
6	0.30	0.60	NR	49	8	30	15/19	10, 4 ft.	10/13

- a. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.
- b. R-5 shall be added to the required slab edge R-values for heated slabs.
- c. 90% AFUE natural gas or propane, 84% AFUE oil, or 15 SEER heat pump heating equipment (zonal electric resistance heating equipment such as electric base board electric resistance heating equipment as the sole source for heating is considered compliant with the high efficiency/ equipment path.)
- d. "15/19" means R-15 continuous insulated sheathing on the interior or exterior of the home or R-19 cavity insulation at the interior of the basement wall. "15/19" shall be permitted to be met with R-13 cavity insulation on the interior of the basement wall plus R-5 continuous insulated sheathing on the interior or exterior of the home. "10/13" means R-10 continuous insulated sheathing on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement wall.

(4-7-11)