



# PUBLIC CODE CHANGE PROPOSAL FORM FOR PUBLIC PROPOSALS IN THE INTERNATIONAL CODES

## 2007/2008 CODE DEVELOPMENT CYCLE

**CLOSING DATE: All Proposals Must Be Received by August 20, 2007**

The 2007/2008 Code Development Hearings are tentatively scheduled for  
February 18 – March 2, 2008, location TBD.

1) **Name:** Jay Crandell, P.E. **Date:** August 20, 2007  
**Jurisdiction/Company:** ARES Consulting  
**Submitted on Behalf of:** Foam Sheathing Coalition  
**Address:** 5095 Sudley Rd.  
**City:** West River **State:** MD **Zip Code:** 20778  
**Phone:** 410-867-9617 **Ext.:** **Fax:** 410-867-9618 **E-mail address:**  
jcrandell@aresconsulting.biz

2) **Copyright Release:** In accordance with Council Policy #28 Code Development, all Code Change Proposals, Floor Modifications and Public Comments are required to include a copyright release. A copy of the copyright release form is included at the end of this form. Please follow the directions on the form. This form as well as an alternative release form can also be downloaded from the ICC website at [www.iccsafe.org](http://www.iccsafe.org). If you have previously executed the copyright release, please check the box below:

**2007/2008 Cycle copyright release on file (SENT VIA FAX AND MAIL)**

3) Indicate appropriate International Code(s) associated with this Public Proposal – Please use Acronym: IRC  
If you have also submitted a separate coordination change to another I-Code, please indicate the code: \_\_\_\_\_  
(See section below for list of names and acronyms for the International Codes).

4) **Be sure to format your proposal and include all information as indicated on Page 2 of this form.**

5) Proposals should be sent to the following offices via regular mail or email. An e-mail submittal is preferred, including an electronic version, in either Wordperfect or Word. The only formatting that is needed is **BOLDING, STRIKEOUT AND UNDERLINING**. Please do not provide additional formatting such as tabs, columns, etc., as this will be done by ICC. **REMOVE TRACKING CHANGES, AUTOMATIC NUMBERING, OR ANY OTHER ADVANCED FORMATTING TOOLS THAT ARE PROVIDED BY WORD, FROM FILES CONTAINING YOUR CODE CHANGE PROPOSAL THAT YOU SEND TO ICC.**

Please use a separate form for each proposal submitted. Note: All code changes received will receive an acknowledgment.

Please check here if separate graphic file provided.

Graphic materials (Graphs, maps, drawings, charts, photographs, etc.) must be submitted as separate electronic files in .CDR, .IA, .TIF or .JPG format (300 DPI Minimum resolution; 600 DPI or more preferred) even though they may also be embedded in your Word or Wordperfect submittal.

### Code

IBC - International Building Code  
IEBC - International Existing Building Code  
IFC - International Fire Code  
IFGC - International Fuel Gas Code  
IPC - International Plumbing Code  
IPSDC - International Private Sewage Disposal Code  
IPMC - International Property Maintenance Code  
IWUIC - International Wildland-Urban Interface Code  
IZC - International Zoning Code  
ELECT - International Code Council Electrical Code– Administrative Provisions

### Send to:

International Code Council  
Chicago District Office  
Attn: Diane Schoonover  
4051 West Flossmoor Road  
Country Club Hills, IL 60478-5795  
Fax: 708/799-0320  
[codechanges@iccsafe.org](mailto:codechanges@iccsafe.org)

IECC - International Energy Conservation Code  
ICC PC - ICC Performance Code  
IMC - International Mechanical Code  
IRC - International Residential Code

International Code Council  
Birmingham District Office  
Attn: Annette Sundberg  
900 Montclair Road  
Birmingham, AL 35213-1206  
Fax: 205/592-7001  
[codechangesbhm@iccsafe.org](mailto:codechangesbhm@iccsafe.org)

## CODE CHANGE PROPOSAL

Please provide all of the following items in your code change proposal. Your proposal may be entered on the following form, or you may attach a separate file. However, please read the instructions provided for each part of the code change proposal. The sections identified in parentheses are the applicable sections from CP #28 Code Development. The full procedures can be downloaded from [www.iccsafe.org](http://www.iccsafe.org).

**Code Sections/Tables/Figures Proposed for Revision (3.3.2): Table R602.10.1(1)**

**Note:** If the proposal is for a new section, indicate (new).

**Name/Company/Representing (3.3.1): Jay H. Crandell, P.E., ARES Consulting (representing the Foam Sheathing Coalition)**

**Note:** You must indicate your name and the full name of who you are representing. Do not use acronyms.

**Proposal:** NOTE: PLEASE READ ITEM 5) of the first page of this form for formatting instructions.

Add new footnote 'f' to Table R602.10.1(1) as follows:

**TABLE R602.10.1(1)<sup>a,b,c</sup>  
WALL BRACING**

SEISMIC DESIGN CATEGORY (SDC) OR WIND SPEED	STORIES ABOVE BRACED WALL LINE <sup>d</sup>	METHOD OF BRACING PERMITTED	PERCENTAGE OF FULL-HEIGHT BRACING PER WALL LINE		MAXIMUM SPACING BETWEEN BRACED WALL LINES (FT)
			For Method 3 Bracing	For other methods permitted <sup>e,f</sup>	
(remainder of table unchanged)					

a. – e. (footnotes unchanged)

f. When Method 5 braced wall panels installed in accordance with Section R602.10.2 are fastened at 4 inches (102 mm) on center at panel edges, including top and bottom plates, and are blocked at all horizontal joints, the required bracing percentage for wind loading only shall be permitted to be multiplied by 0.7. In no instance shall the bracing percentage be less than 16%.

**Note:** Show the proposal using ~~strikeout~~, underline format. At the beginning of each section, one of the following instruction lines are also needed:

- Revise as follows
- Add new text as follows
- Delete and substitute as follows
- Delete without substitution

Note: The only formatting that is needed is **BOLDING**, ~~STRIKEOUT~~ AND UNDERLINING. Please do not provide additional formatting such as tabs, columns etc. as this will be done by ICC. **DO NOT USE THE TRACKING CHANGES OPTION, AUTOMATIC NUMBERING, OR ANY OTHER ADVANCED FORMATTING TOOLS PROVIDED BY WORD.**

**Supporting Information (3.3.4 & 3.4):**

This change proposal recognizes the benefit of increasing fastening and blocking requirements for Method 5 bracing. However, the adjustment to bracing amount is limited to wind bracing requirements only. The 0.7 adjustment factor is based on the ratio of design values for gypsum board bracing in the NDS standard supplement *Special Design Provisions for Wind and Seismic*. For example,

- nominal shear value = 200 plf (7"oc edge fastening, unblocked)
- nominal shear value = 300 plf (4"oc edge fastening, blocked)

Therefore, 200 plf / 300 plf ≈ 0.7

**Note:** The following items are required to be included:

1. The proponent shall clearly state the purpose of the proposed code change (e.g., clarify the Code; revise outdated material; substitute new

or revised material for current provision of the Code; add new requirements to the Code; delete current requirements, etc.)

2. The proponent shall justify changing the current code provisions, stating why the proposal is superior to the current provisions of the Code. Proposals that add or delete requirements shall be supported by a logical explanation which clearly shows why the current Code provisions are inadequate or overly restrictive, specifies the shortcomings of the current Code provisions and explains how such proposals will improve the Code.

3. The proponent shall substantiate the proposed code change based on technical information and substantiation. Substantiation provided which is reviewed in accordance with Section 4.2 and determined as not germane to the technical issues addressed in the proposed code change shall be identified as such. The proponent shall be notified that the proposal is considered an incomplete proposal in accordance with Section 4.3, and the proposal shall be held until the deficiencies are corrected. The proponent shall have the right to appeal this action in accordance with the policy of the ICC Board. The burden of providing substantiating material lies with the proponent of the code change proposal. A minimum of two copies of all substantiating information shall be submitted. (3.4)

4. The proponent shall submit a bibliography of any substantiating material submitted with the code change proposal. The bibliography shall be published with the code change and the proponent shall make the substantiating materials available for review at the appropriate ICC office and during the public hearing.

**Referenced Standards (3.4 & 3.6): NONE.**

List any new referenced standards that are proposed to be referenced in the code and provide a minimum of two copies. For ICC rules on referenced standards, see Section 3.6 of CP #28.

**Cost Impact (3.3.4.6): The code change proposal will not increase the cost of construction.**

**Note:** The proponent shall indicate one of the following regarding the cost impact of the code change proposal:

- 1) The code change proposal will increase the cost of construction; or
- 2) The code change proposal will not increase the cost of construction.

This information will be included in the published code change proposal.