



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

2009/2010 CODE DEVELOPMENT CYCLE

CLOSING DATE: All Proposals Must Be Received by June 1, 2009

The 2009/2010 Code Development Hearings are tentatively scheduled for
October 24-November 11, 2009, Baltimore, MD.

1)

Name: Larry Wainright		Date: 6-1-09	
Jurisdiction/Company: Qualtim, Inc			
Submitted on Behalf of: Structural Building Components Association (SBCA)			
Address: 6300 Enterprise Lane			
City: Madison		State: WI	Zip Code: 53719
Phone: 608.358.0766	Ext.:	Fax: 608.274.3329	
-mail address: lwainright@qualtim.com			

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. If you have previously executed the copyright release for this cycle, please check the box below:

2009/2010 Cycle copyright release on file

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 below and in the Code Change Proposal Instructions' section 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 (see page 3) for each proposal submitted. Note: All code changes received will receive an acknowledgment by approximately May 15, 2009. Please contact the ICC staff listed below if you do not receive an acknowledgment by May 15, 2009.

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
- ICC PC - ICC Performance 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

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

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- IECC - International Energy Conservation 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

CODE CHANGE PROPOSAL INSTRUCTIONS

Please provide all of the following items in your code change proposal (see form on page 3). Your proposal should be entered on page 3 as a separate file. However, please read the instructions provided below 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.

PROPOSAL FORMATTING:

Show the proposal (see form on page 3) 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

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)

The following items are required to be included in your proposal (see form on page 3):

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.
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)

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. Additional copies will be required for committee members. ICC staff will provide you with a mailing list for the appropriate committees.

COST IMPACT: (3.3.4.6)

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.

CODE CHANGE SUBMITTAL EXAMPLE

Code: IBC–09/10

705.1

Proponent: John Doe, P.E., Acme Building Corporation, Inc, representing himself

Revise as follows:

705.1 General. Each portion of a building separated by ~~one or more~~ a fire walls that ~~comply~~ complies with the provisions of ~~this section~~ Section 705 shall be considered a separate building.

Reason: A fire wall complying with Section 705 establishes the equivalent of separate buildings on either side of the fire wall. This proposal provides text that more succinctly states this purpose of a fire wall.

Cost Impact: The code change proposal will not increase the cost of construction.

Public Hearing: Committee: AS AM D
Assembly: ASF AMF DF

CODE CHANGE PROPOSAL FORM

(See instructions on page 2)

Code: **IRC-09/10**

R302.2.1

Proponent: *Larry Wainright, Qualtim, Inc, representing the Structural Building Components Industry*

Revise as follows:

SECTION R302 FIRE-RESISTANT CONSTRUCTION

R302.2.1 Continuity. The fire-resistance-rated wall or assembly separating *townhouses* shall have a fire-resistance rating that is be continuous from the foundation to the underside of the roof sheathing, deck or slab. The fire-resistance rating shall extend the full length of the wall or assembly, including wall extensions through and separating attached enclosed *accessory structures*. Where the fire-resistance-rated wall or assembly is not continuous, the fire resistance rating shall be deemed continuous provided one of the following conditions is met:

1. A minimum one hour fire-resistance rating is provided on the floor or roof assembly that interrupts the fire-resistance rated wall. Fireblocking shall be provided per Section R302.11 (see Figure R302.2.1(1)). Or
2. Where an unrated floor or roof assembly interrupts the fire-resistance rated wall, the fire-resistance rating shall be deemed continuous provided:
 - a. Where two one-hour walls are provided, a minimum of one 2x full height fireblock shall be installed in each of the one-hour walls as shown in Figure R302.2.1(2).
 - b. Where one two-hour wall is provided, a minimum of two 2x full height fireblocks shall be installed on each side of the two-hour walls as shown in Figure R302.2.1(3).

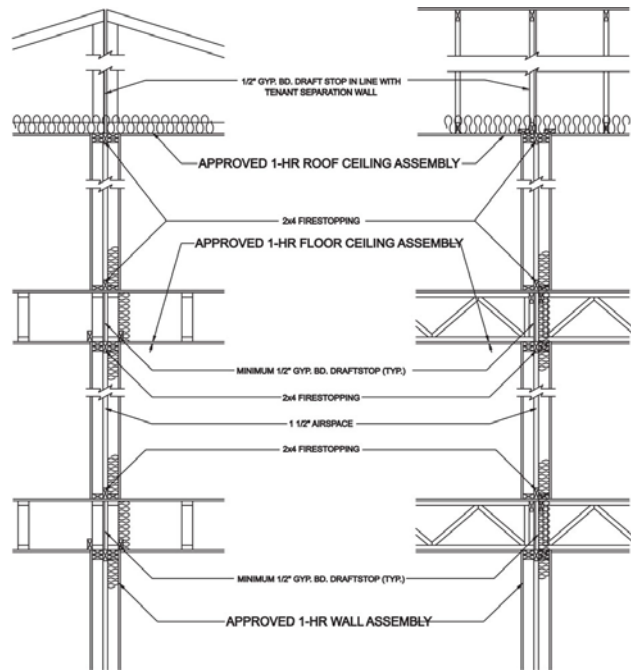


Figure R302.2.1(1): Example assemblies that can be used to make up a one-hour rated system for separation between occupancies.

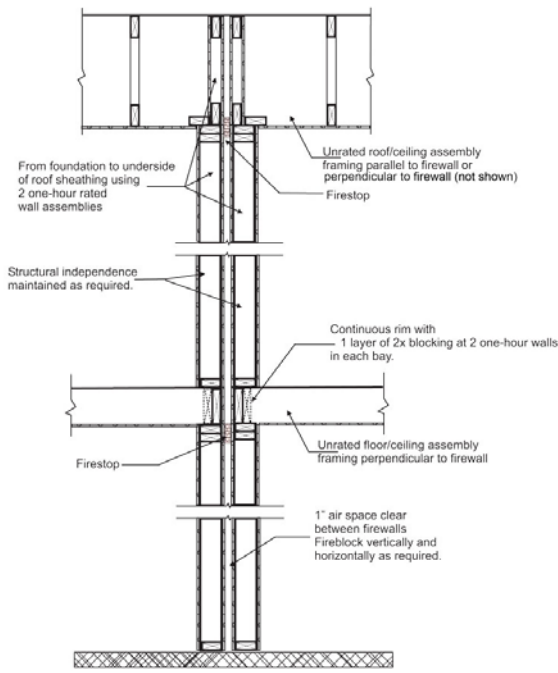


Figure R302.2.1(2)

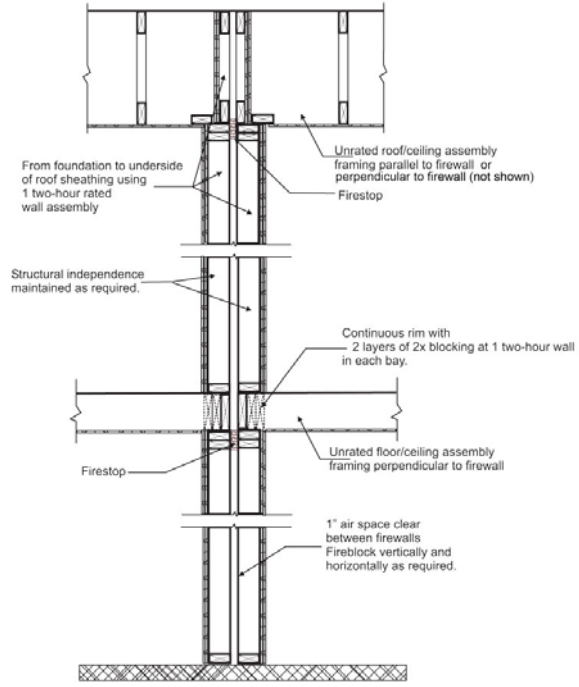


Figure R302.2.1(3)

Reason:

The purpose of this code change is to clarify an existing provision within the code and to provide a prescriptive solution to that provision. First, it is necessary to clarify that is the fire-resistance rating of the wall assembly that needs to be continuous from the foundation to the underside of the roof sheathing, not necessarily the framing itself. Second, the prescriptive solution gives some guidance on one way the fire-resistance rating can be maintained, while allowing for framing members to bear on the wall. The use of full height blocking to attain the required fire-resistance rating is based on the use of sacrificial material and char rates based on ASTM E119 testing. Under ASTM E119 test conditions, lumber will char at a rate of 1 inch per 30-40 minutes. Therefore, at least 2 inches of sacrificial material is required to achieve the one hour rating. Likewise, 4 inches is required to achieve a 2 hour rating. Further information can be found in an article published and located at the following link:

www.sbcmag.info/Archive/2006/sep/0609_code.pdf

The proposed figures are attached in JPG format at 600 DPI.

Cost Impact: This proposal will not increase the cost of construction.



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SUBMITTED ON
ICC CODES
PRODUCED & PUBLISHED BY THE
INTERNATIONAL CODE COUNCIL

This form is required for all Proposals, Floor Modifications and Public Comments submitted to the International Code Council. Only one signed Copyright release form is required for the entire 2009/2010 Cycle and will be kept on file and can be used for all Proposal, Floor Modification and Public Comment submittals you submit to ICC unless you represent multiple entities. An executed form is required for each entity represented.

I hereby grant and assign to ICC all rights in copyright I may have in any authorship contributions I make to ICC in the 2009/2010 Cycle in connection with any proposal and public comment, in its original form submitted or revised form, including written and verbal modifications submitted in accordance with Section 5.5.2 of CP #28. I understand that I will have no rights in any ICC publications that use such contributions in the form submitted by me or another similar form and certify that such contributions are not protected by the copyright of any other person or entity.

Signature: _____

Please type or print full name: _____

Jurisdiction/Company: _____

Entity Represented: _____

Contact info: Phone: _____ Email: _____

Date signed: _____

PLEASE FAX OR MAIL THE SIGNED COPYRIGHT RELEASE TO:

Fax: ICC Codes & Standards Department - 708-799-0320

**Mail: ICC Codes & Standards Development
Chicago District Office
4051 W. Flossmoor Road
Country Club Hills, IL 60478-5795**