

1309 Residential Code Committee Meeting

February 14, 2012

Call to Order

Richard Lockrem, the Committee Chair, called the meeting to order at 9:05 A.M. He opened the meeting by taking roll call then had all in attendance introduce themselves.

Mr. Lockrem asked the Committee Members if there were any comments or required corrections to the February 2, 2012 meeting notes. There were no comments or required corrections made by the committee.

Mr. Lockrem started the meeting by reminding the committee members of the criteria to keep in mind when submitting and approving code change proposals to the committee for consideration:

- 1) Is this change unique to the state of Minnesota?
- 2) Is this code change required due to our climatic conditions of Minnesota?
- 3) Is this change needed to encourage more uniform code enforcement?
- 4) Is the proposal deleting current rule (amendment) language because it has now been included in the 2012 model code?

Mr. Lockrem further reminded members that the committee's goal is to review and propose amendments deemed necessary for the 2012 IRC based on the criteria items noted above. Proposals beyond these criteria should be proposed at the national code hearings for consideration.

Committee Members in Attendance

Richard Lockrem, Committee Chair – Representing the Department of Labor and industry
Rick Davidson, Association of Minnesota Building Officials (AMBO)
Kathi Osmonson, Association of Minnesota Building Officials (AMBO)
Steve Pedracine, Minnesota Lath & Plaster Bureau
Scott Dornfeld, Greater MN Association of Building Officials
Tim Johnson, AIA Minnesota
Joe Ranweiler, Builders Association of Minnesota (BAM)
Mike Paradise, Builders Association of Minnesota (BAM)
Lloyd West, Minnesota Concrete and Masonry Association (ALT)
Trace Mills, Builders Association of the Twin Cities (BATC) (ALT)
Dave Neisen, League of Minnesota Cities
Luke Stemmer, MN State Fire Chiefs Association (MSFCA)
Karen Linner, Builders Association of Minnesota (BAM)

Alternates in Attendance

Marlene Bach, Association of Minnesota Building Officials (AMBO)
Kip Lamotte, MN State Fire Chiefs Association (MSFCA)
Pam Perri, Builders Association of Minnesota (BAM)

Committee Members not in Attendance

Herman Hauglid, Co-Chair – Representing the Department of Labor and Industry
Jack Rossbach, Air Tamarack
Kevin Lee, Minnesota Concrete and Masonry Association
Mike Swanson, Builders Association of the Twin Cities (BATC)

Guests in Attendance

Steve Johnson, Andersen Corporation
Mark Mikkelson, Andersen Corporation
Dale Schoeppner, City of Eagan
Eric Skare, Uponor, Inc.
Paul McCulloch, Uponor, Inc.
Peg Bohn, NFSA, MN Chapter
Nyle Zikmund, Minnesota Fire Chiefs Association
Tom Brace, Minnesota Fire Chiefs Association
Mark Brunner, Minnesota Manufactured Housing Association
Bob Mochinski, Minnesota Truss Manufactures Association & Littfin Truss
Keith Kylmala, Builders Association of Minnesota (BAM) & Kylmala Truss

Introduction of Code Changes, Committee Discussion and Consensus Results

The topics covered in the February 14, 2012 meeting were as follows:

IRC-73, MR 1309.0301 – State Licensed Facilities

This proposal is to delete the 2007 MSBC, MR 1309.0301 amended language regarding State licensed facilities in Section R301.1.4.1. Submitted by Richard Lockrem (DLI)

There seemed to be some confusion as to whether this proposal had been withdrawn during the February 2, 2012 meeting. All records and notes indicate that the proposal had not been discussed before this meeting date and the author had not withdrawn the proposal. The proposal requests the deletion of a current MR 1309 amendment which will no longer be required in MR 1309 Section R301.1.4.1 but will be needed in the 2012 IRC Section R313 with the sprinkler provisions. (See IRC-72, R313)

After a brief discussion between the committee members, the committee reached a consensus in favor of this proposal.

IRC-85, R314.3.1 (REV 2-3-2012) – Alterations, Repairs & Additions (smoke alarms)

This proposal amends the 2012 IRC Section R314.3.1 text regarding smoke alarms. The current amendment in MR 1309.0313 needs to be deleted due to the renumbering in the 2012 IRC. Submitted by Kathi Osmonson (AMBO)

After discussion, the committee reached a consensus in favor of this proposal, pending some revisions. A revised version will be sent to committee members to confirm the final changes.

IRC-94, MR 1309.0301 – Climate/Geographic Design Criteria TABLED

This proposal requests the revision of MR 1309.0301, Table R301.2(1). The intent was to include the Ice Barrier Underlayment Required column that was omitted in the 2007 MSBC. The author is working with the Structural Advisory Committee (SAC). Submitted by Richard Lockrem (DLI)

Mr. Lockrem requested to table the proposal again in order to coordinate with the SAC.

Mr. Lockrem requested that the committee focus on the merit of the following proposals IRC-125, R313, IRC R313 (REV 1-19-2012) and IRC-128, R302.3 through IRC-139, R309.5 regarding automatic fire sprinklers and proposed exceptions including automatic fire sprinklers. The author and committee were reminded that the global issues regarding automatic fire sprinklers had been discussed by the committee at the December 14, 2011 meeting.

IRC-125, R313 – Automatic Fire Sprinklers

Numerous proposals within one proposal form. Mr. Lockrem sent draft version to committee for review and instructions to authors to prepare separate proposals based on different code sections and address IRC Section R309.5. Submitted by Tom Brace (FMAM/MSFCA)

The author withdrew the proposal and requested the committee review IRC-138, R313, which replaced this proposal.

IRC-125, R313 (REV 1-19-2012) – Automatic Fire Sprinklers

This proposal requests the phasing in of sprinkler requirements for one & two family dwellings. Submitted by Tom Brace (FMAM/MSFCA)

The author withdrew the proposal and requested the committee review IRC-138, R313, which replaced this proposal.

IRC-138, R313 – Sprinklers for 1 & 2 Family Dwellings and Townhouses

This proposal requests the phasing in of sprinkler requirements for one & two family dwellings. Submitted by Tom Brace (FMAM/MSFCA)

Committee discussion requested changing the following proposal text:

1. Revise *Square feet shall include only habitable space to *Square feet of all floor areas except garage.
2. Delete exception #2 in its entirety:
“~~2. An automatic residential fire sprinkler system shall not be required for non-homestead cabins and seasonal buildings.~~”
3. Revise exception #4 as follows:
 4. Conversion of an existing single-family dwelling to a two-family dwelling shall not constitute a change in use nor shall the conversion require installation of an automatic residential fire sprinkler system.

After the lengthy discussion between the committee members and attendees, Mr. Lockrem asked that each committee member individually indicate their thoughts regarding the proposal. After each member responded, Mr. Lockrem thanked the committee for their broad range of thoughts and concerns which will be conveyed to the Department of Labor and Industry.

IRC-128, R302.3 – Two-Family Dwellings

This proposal offers to replace exception #1 with sprinkler provision. Submitted by Tom Brace (FMAM/MSFCA)

After a short discussion between committee members, the author chose to withdraw the proposal.

IRC-129, R302.4 – Dwelling Unit Rated Penetrations

This proposal requests to add an exception for a fire sprinkler provision. Submitted by Tom Brace (FMAM/MSFCA)

After a short discussion between committee members, the committee reached a consensus **not** in favor of supporting the proposal.

IRC-130, R302.5 – Dwelling/Garage Opening/Penetration Protection

This proposal requests to add an exception for a fire sprinkler provision. Submitted by Tom Brace (FMAM/MSFCA)

After a short discussion between committee members, the committee reached a consensus **not** in favor of supporting the proposal.

IRC-131, R302.6 – Dwelling/Garage Separation

This proposal requests to add an exception for a fire sprinkler provision. Submitted by Tom Brace (FMAM/MSFCA)

After a short discussion between committee members, the committee reached a consensus **not** in favor of supporting the proposal.

IRC-132, R302.7 – Under Stair Protection

This proposal requests to add an exception for a fire sprinkler provision. Submitted by Tom Brace (FMAM/MSFCA)

After a short discussion between committee members, the committee reached a consensus **not** in favor of supporting the proposal.

IRC-133, R302.11 – Fireblocking

This proposal requests to add an exception to the IRC text for a fire sprinkler provision. Submitted by Tom Brace (FMAM/MSFCA)

After a short discussion between committee members, the committee reached a consensus **not** in favor of supporting the proposal.

IRC-134, R302.9 – Flame Spread & Smoke Developed Index for Walls and Ceilings

This proposal requests to add an exception to the IRC text for a fire sprinkler provision. Submitted by Tom Brace (FMAM/MSFCA)

After a short discussion between committee members, the committee reached a consensus **not** in favor of supporting the proposal.

IRC-135, R302.12 – Draftstopping

This proposal requests to add an exception for a fire sprinkler provision. Submitted by Tom Brace (FMAM/MSFCA)

After a short discussion between committee members, the committee reached a consensus **not** in favor of supporting the proposal.

IRC-136, R310.1 – Emergency Escape and Rescue Required

This proposal requests to add an exception #2 to the IRC text for a fire sprinkler provision. Submitted by Tom Brace (FMAM/MSFCA)

After a short discussion between committee members, the committee reached a consensus **not** in favor of supporting the proposal.

IRC-137, R314.5 – Interconnection (smoke alarms)

This proposal is to modify the IRC exception and create two exceptions. One of the exceptions is for a fire sprinkler provision. Submitted by Tom Brace (FMAM/MSFCA)

After a short discussion between committee members, the committee reached a consensus **not** in favor of supporting the proposal.

IRC-139, R309.5 – Sprinklers for Garages & Carports

This proposal is to the 2012 IRC text requiring sprinklers in garages. Submitted by Tom Brace (FMAM/MSFCA)

After a short discussion between committee members, the committee reached a consensus in favor of supporting the proposal.

IRC-140, R312.2 – Window Fall Protection

Proposal requests the use of the 2012 IRC text for window fall protection and adds an exception #4 to address replacement of windows. Submitted by Karen Linner (BAM)

The committee had reached a consensus in favor of supporting the proposal during the February 2, 2012 meeting. The committee reviewed the revised text of exception #4 for committee consensus again.

IRC-141, R311.7.2 – Headroom (stairways)

This proposal requests to add an exception for a 6'-4" stairway headroom leading to a basement alteration. Submitted by Karen Linner (BAM)

After a short discussion between committee members, the committee reached a consensus in favor of supporting the proposal.

IRC-142, R602.10.11 – Cripple Wall Bracing

This proposal requests to delete the last sentence regarding the distance between adjacent edges. This proposal has been deferred to the SAC for their review. Submitted by Karen Linner (BAM)

The author withdrew the proposal and explained the same proposal had been offered to the SAC and they (SAC) apparently reached a consensus in favor of supporting the proposal.

Following the above proposal reviews and discussions, Tom Brace requested permission to address the committee. Tom acknowledged disappointment with the consensus outcomes regarding the automatic fire sprinkler proposals. However, Tom stated that the FMAM and MSFCA will continue offering their assistance to the committee members and related associations to develop palatable compromise proposals for consideration regarding the automatic fire sprinkler systems.

Review of Previously Approved Proposals That Were Withdrawn.

Mr. Lockrem stated that some members have expressed concern regarding some of the code change proposals that obtained committee consensus approval and then withdrawn by the author. Once the author withdrew the proposal, it was stricken in its entirety on the tracking form and considered as being non-existent. The concerned members have requested that some of the withdrawn previously approved proposals be re-visited and re-approved for possible inclusion in the 1309 International Residential Code Advisory Committee draft rule submitted to DLI.

Mr. Lockrem briefly reviewed the code change proposals that were previously approved by committee consensus and then withdrawn. If committee consensus requests re-activating certain withdrawn proposals, a committee member will be required to review, complete the SONAR in its entirety, and resubmit the proposal to the committee chair. Mr. Lockrem would like all the approved re-visited proposals and final SONAR's submitted by February 21, 2012. The code change proposals in question are as follows:

IRC-3, R302.5.1 Opening protection

Proposal to delete: "equipped with a self-closing device" from the IRC text pertaining to door between the house and garage

After a brief discussion between committee members, the committee reached a consensus in favor of re-activating the proposal.

IRC-10, R302.2.2 Parapets

Proposal to provide amended text to the 2012 IRC Parapets provisions

After a short discussion between committee members, the committee reached a consensus **not** in favor of re-activating the proposal.

IRC-11, R323 Storm shelters

Proposal to delete Section R323 – Storm Shelters in its entirety

After a short discussion between committee members, the committee reached a consensus in favor of re-activating the proposal.

IRC-22, R312.2 Height (guards)

Proposal to revise the IRC text by amendment

No consensus required, see IRC-95, R312.1.

IRC-49, R907.6 Reroofing

Proposal to add and modify text to not require a diverter or kick-out flashing when reroofing.

After a short discussion between committee members, the committee failed to reach clear consensus for or against re-activating the proposal. No consensus.

IRC-51, MR 1309.0613 Exterior windows and doors

Proposal to delete the 2007 MSBC amendment R613.1 since it has been renumbered in the 2012 IRC.

No consensus required. This item must be addressed in MR 1309 due to the section being renumbered in the 2012 IRC.

IRC-55, MR 1309.0812 Wood roof framing (pending SAC review)

Proposal to delete R802.10.5 of the 2007 MSBC regarding “Truss to wall connection”.

No consensus required. This item must be addressed in MR 1309 due to the section being renumbered in the 2012 IRC.

IRC-58, MR 1309.0806 Roof ventilation

Proposal to delete R806.4 amended text from the 2007 MSBC.

No consensus required. This item must be addressed in MR 1309 due to the section being renumbered in the 2012 IRC.

IRC-59, R905.2.8.5 Drip edge

Proposal to delete the drip edge requirements from the 2012 IRC.

After a short discussion between committee members, the committee reached a consensus in favor of re-activating the proposal.

IRC-60, R501.3 Fire protection of floors

Proposal to delete 2012 IRC Section R501.3 in its entirety.

After a short discussion between committee members, the committee reached a consensus **not** in favor of re-activating the proposal.

IRC-62, R807.1 Attic access

Proposal to revise some of the 2012 IRC text and to add an exception when an access is not required.

After a short discussion between committee members, the committee reached a consensus **not** in favor of re-activating the proposal.

IRC-90, R202 Definitions (crawl space)

Proposal to add the def. of “Crawl Space” by amendment

After a short discussion between committee members, the committee reached a consensus in favor of re-activating the proposal.

IRC-95, R312.1 Guards (where required)

Proposal to modify IRC text

After a short discussion between committee members, the committee reached a consensus in favor of re-activating the proposal.

IRC-97, R311.7 Stairways

Proposal to add scope and several exceptions

After a short discussion between committee members, the committee reached a consensus in favor of re-activating the proposal.

IRC-143, R501.3 – Fire Protection of Floors [Proposal rec'd 2/13/2012]

Proposal to delete exception #4 (dimension lumber joist or equal) from the 2012 IRC text.

After brief discussion between committee members, the committee reached a consensus in favor of supporting the proposal.

Richard Lockrem Closing Comments

Mr. Lockrem reminded committee proposal approved authors to review and expand the detail of their SONAR's and resubmit. He also mentioned that he will be reviewing all committee approved SONAR's prior to forwarding to the rules staff for further processing.

Mr. Lockrem mentioned that following the final committee meeting on February 14, 2012, he will review all committee approved proposals and prepare a DRAFT MR 1309 summarizing the committee's efforts and activities.

Mr. Lockrem thanked everyone for coming and for their participation in the 1309 International Residential Code Advisory Committee activities. The committee's recommendations will be presented to the Department of Labor and Industry for consideration.

He also thanked the Builders Association of the Twin Cities (BATC) and Mary Schweich of BATC for their hospitality and patience extended to himself, the Department of Labor and Industry and the 1309 International Residential Code Advisory Committee.

Meeting Adjourned 12:25 P.M.