

1309 Residential Code Committee Meeting

February, 2, 2012

Call to Order

Richard Lockrem, the Committee Chair, called the meeting to order at 9:03 A.M. He opened the meeting by taking roll call.

Mr. Lockrem asked the Committee Members if there were any comments or required corrections to the January 18th meeting notes.

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 this 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)
Mike Swanson, Builders Association of the Twin Cities (BATC)

Alternates in Attendance

Marlene Bach, Association of Minnesota Building Officials (AMBO)
Tony Lehrman, Builders Association of Minnesota (BAM)
Paul Ellringer, Air Tamarack
Katherine Nielsen (BAM)
Lloyd West, Minnesota Concrete and Masonry Association
Kip Lamotte, MN State Fire Chiefs Association

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
Luke Stemmer, MN State Fire Chiefs Association
Karen Linner, Builders Association of Minnesota (BAM) (arrived late to discuss two proposals)
Dave Neisen, League of Minnesota Cities

Guests in Attendance

Steve Johnson, Andersen Corporation
Mark Mikkelson, Andersen Corporation
Dale Schoeppner, City of Eagan
Brian Kaden, North Hennepin Community College (BIT student)

Introduction of Code Changes, Committee Discussion and Consensus Results

The topics covered in the February 2, 2012 meeting were as follows:

IRC Chapter 10 Chimneys and Fireplaces

There were no proposals were submitted for committee review.

Mr. Lockrem indicated that no proposals were submitted regarding the appendix chapters of the 2012 IRC. He proceeded to give an overview of all the appendix chapters and identified which appendix chapters will be reviewed and addressed by other advisory committees. The appendix chapters applicable for this committee were: Appendix G, Appendix H, Appendix K, Appendix L, Appendix M, and Appendix O. Appendix chapter K regarding sound transmission was identified as the most probable of being adopted for use in two-family dwellings and townhouses as in the past.

IRC Appendix covered by other MR Chapters;

The following appendixes are informative and not part of the code.

These appendixes are excerpts from the 2012 International Fuel Gas Code and covered by **Minnesota Rules Chapter 1346 – Minnesota Mechanical and Fuel Gas Codes.**

- Appendix A – Sizing and Capacities of Gas Piping.
- Appendix B – Sizing of Venting Systems Serving Appliances Equipped with Draft Hoods,
Category I Appliances Listed for use with Type B Vents.
- Appendix C – Exit Terminals of Mechanical Draft and Direct-Vent Systems.
- Appendix D – Recommended Procedure for Safety Inspection of an Existing Appliance.

The following appendixes are not mandatory unless specifically adopted by reference in the MSBC:

- Appendix E – Manufactured Housing Used as Dwellings.
Covered by **Minnesota Rules Chapter 1350, Manufactured Home Rules**
- Appendix F – Radon Control Methods.
Will be covered by **Minnesota Rules Chapter 1303, Minnesota Provisions to the Minnesota State Building Code**
- Appendix G – Swimming Pools, Spas and Hot Tubs.
Has **not** been adopted by reference in **Minnesota Rules Chapter 1309, Adoption of the International Residential Code**
- Appendix H – Patio Covers.
Has **not** been adopted by reference in **Minnesota Rules Chapter 1309, Adoption of the International Residential Code**
- Appendix I – Private Sewage Disposal.
Covered by **Minnesota Rules Chapter 7080, Individual Subsurface Sewage Treatment Systems**

Appendix J – Existing Building and Structures

Will be covered in **Minnesota Rules Chapter 1311, Minnesota Building Conservation Code**

Appendix K – Sound Transmission.

Will be adopted by reference in **Minnesota Rules Chapter 1309, Adoption of the International Residential Code**

Appendix L – Permit Fees.

Has **not** been adopted by reference in **Minnesota Rules Chapter 1309, Adoption of the International Residential Code**

Appendix M – Home Day Care – R-3 Occupancy.

Has **not** been adopted by reference in **Minnesota Rules Chapter 1309, Adoption of the International Residential Code. See Minnesota Rules Chapter 1305, Adoption of the International Building Code and Minnesota Department of Human Services.**

Appendix N – Venting Methods.

Will be covered in **Minnesota Rules Chapter 4715, Minnesota Plumbing Code**

Appendix O – Automatic Vehicular Gates

Has **not** been adopted by reference in **Minnesota Rules Chapter 1309, Adoption of the International Residential Code**

Appendix P – Sizing of Water Piping System.

Will be covered in **Minnesota Rules Chapter 4715, Minnesota Plumbing Code**

Appendix Q – ICC International Residential Code Electrical Provisions/National Electric Code Cross Reference.

Will be covered in **Minnesota Rules Chapter 1315, Minnesota Electrical Code**

IRC-42, R302.2 – Townhouses/Reference to Sound Transmission

This proposal adds a new section R302.2.5 to reference Appendix K requirements.

Submitted by Richard Lockrem (DLI)

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

IRC-43, R302.2 – Two-Family Dwellings/Reference to Sound Transmission

This proposal adds a new section R302.3.2 to reference Appendix K requirements.

Submitted by Richard Lockrem (DLI)

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

IRC-55 – MR 1309.0802 Section R802.10.5 – Wood Roof Framing

This proposal is to delete the current amendment language from Minnesota Rule 1309.0803 due to renumbering of the 2012 IRC. Submitted by Rick Davidson (AMBO)

The author withdrew the proposal.

IRC-65, Tables R302.1(1) & R302.1(2) – Exterior Walls

This proposal is to revise 2012 IRC Tables R302.1(1) & R302.1(2) to include the current Minnesota Rule 1309.0302 footnote (a) text. Submitted by Richard Lockrem (DLI)

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

IRC-67, R311.3 – Floors and Landings at Exterior Doors

This proposal is to amend the 2012 IRC text for floors and landings at exterior doors modifying the R311.3.2 exception. Submitted by Richard Lockrem (DLI)

After lengthy discussion between the committee members, the committee reached a consensus in favor of this proposal provided a typo was corrected.

IRC-68, R311.7.6 - Landings at Stairways

This proposal is to amend the 2012 IRC text for landings at stairways by modifying the R311.7.6 text and the exception. Submitted by Richard Lockrem (DLI)

After extensive discussion between committee members, the committee reached a consensus which was not in favor of supporting the proposal.

IRC-69, R311.8 - Ramps

This proposal is to amend the 2012 IRC text for ramps by modifying the R311.8 text and address a minimum width. Submitted by Richard Lockrem (DLI)

After extensive discussion between committee members, the committee reached a consensus which was not in favor of supporting the proposal.

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 and relocate it into 2012 IRC Section R313. (See IRC-72, R313)
Submitted by Richard Lockrem (DLI)

There seemed to be some confusion as to whether this proposal had been withdrawn. 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. The proposal will be re-addressed at the February 14, 2012 meeting. No consensus taken.

IRC-75, MR 1309.0302 – Exterior Wall Locations

This proposal is to delete the 2007 MSBC, MR 1309.0302 amended language regarding exterior wall locations. (See IRC-72, R313) Submitted by Richard Lockrem (DLI)

The committee reached a consensus in favor of this proposal.

IRC-76, MR 1309.0317 – Dwelling Unit Separation

This proposal is to delete the 2007 MSBC, MR 1309.0317, Sections R317.1 through R317.4.3.2 amended language regarding dwelling unit separations. These provisions have been relocated and renumbered in the 2012 IRC. Submitted by Richard Lockrem (DLI)

The committee reached a consensus in favor of this proposal.

IRC-77, MR 1309.0301 – Design Criteria

This proposal is to delete the 2007 MSBC, MR 1309.0301 amended language regarding automatic sprinkler systems which is now covered in Section R313 in the 2012 IRC. Submitted by Richard Lockrem (DLI)

The committee reached a consensus in favor of this proposal.

IRC-78, R302.2 – Townhouses

This proposal is to amend Section R302.2 of the 2012 IRC regarding townhouses by incorporating some current 2007 MSBC language. Submitted by Richard Lockrem (DLI)

The committee reached a consensus in favor of this proposal.

IRC-79, MR 1309.0305 – Ceiling Height

This proposal requests the deletion of MR 1309.0305 – Ceiling Height provisions (R305.1 through R305.1.1) in its entirety and use 2012 IRC model code document text. The requirements as written in the 2012 IRC have been revised since the adoption of the 2006 IRC and added specific requirements for basements. Submitted by Richard Lockrem (DLI)

The committee reached a consensus in favor of this proposal.

IRC-80, MR 1309.0309.1 – Garages and Carports

This proposal requests the revision of MR 1309.0309, R309.1 – Floor surface (re: garage and carports) to acknowledge the section renumbering from R309.3 in the 2006 IRC to R309.1 in the 2012 IRC model code document text. The requirement to provide a sloped floor surface was specifically omitted during the adoption of the 2006 IRC and proposed to remain omitted in the adoption of the 2012 IRC. Submitted by Richard Lockrem (DLI)

The committee reached a consensus in favor of this proposal.

IRC-81, MR 1309.0309.2 – Garages and Carports

This proposal requests the revision of MR 1309.0309, R309.2 – Carports (re: garage and carports) to acknowledge the section renumbering from R309.4 in the 2006 IRC to R309.2 in the 2012 IRC model code document text. The requirement to provide a sloped floor surface was specifically omitted during the adoption of the 2006 IRC and proposed to remain omitted in the adoption of the 2012 IRC. Submitted by Richard Lockrem (DLI)

The committee reached a consensus in favor of this proposal.

IRC-82, MR 1309.0309.4 – Garages and Carports

This proposal requests the revision of MR 1309.0309, R309.2 – Carports (re: garage and carports) to acknowledge the section renumbering from R309.6 in the 2006 IRC to R309.4 in the 2012 IRC model code document text. The current amendment acknowledges automatic garage door opener provisions and reference to MS § 325F.82 and MS § 325F.83. Submitted by Richard Lockrem (DLI)

The committee reached a consensus in favor of this proposal following a lengthy discussion.

IRC-84, MR 1309.0305 (REV 1-25-2012) – Ceiling Heights

This proposal requests the revision of MR 1309.0305, R305.1 and R305.1.1 regarding ceiling heights. The proposal is based on the 2012 IRC model code document text. Submitted by Kathi Osmonson (AMBO)

The committee reached a consensus in favor of this proposal following a lengthy discussion.

IRC-85, R314.3.1 (REV 1-19-2012) – 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 a long 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 discussion requested changes.

IRC-86, R312.2 – Window Fall Protection

This is a counter proposal to IRC-71, R312.2 and proposed deleting IRC-71 Section R312.2.3 regarding building additions, addition or replacement of windows. The author was to revise the proposal after committee discussions on 12-21-2011. Submitted by Karen Linner (BAM)

Following a lengthy discussion the author withdrew the proposal and requested members to review the updated version IRC-140.

IRC-140, R312.2 – Window Fall Protection

This is a counter proposal to IRC-71, R312.2 and an updated the former IRC-86, R312.2. Submitted by Karen Linner (BAM)

After a long 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 discussion requested 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 AC. Submitted by Richard Lockrem (DLI)

Mr. Lockrem requested to table the proposal at this time in order to coordinate with the Structural AC.

IRC-103, R703.8 (REV 1-23-2012)- Flashings

This proposal was re-submitted to the committee for consideration after being rewritten after the last meeting. Submitted by Paul Ellringer and Jack Rossbach (Air Tamarack)

After extensive discussion between committee members, the committee reached a consensus which was not in favor of supporting the proposal.

IRC-108, R703.6.3 - Weather Resistive Barriers (Exterior Plaster)

This proposal is to add a note which would require individual layers of polymeric wrap to be installed independently and require that flashings be incorporated in such a way as to direct water drainage to take place between these layers. The author was going to wordsmith and return for committee review. Submitted by Steve Pedracine, Minnesota Lath and Plaster Bureau

The author withdrew the proposal.

IRC-126, Table R702.1(3) – Cement proportions (Exterior Plaster)

This proposal is to amend Table R702.1(3) for exterior plaster cement proportions. Minnesota Rule 1309.0703 section R703.6 requires exterior plaster to be in compliance with ASTM C 926 which is in conflict with Table R702.1. Submitted by Steve Pedracine, Minnesota Lath and Plaster Bureau

The committee reached a consensus in favor of this 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 of all committee approved proposals and prepare a DRAFT MR 1309 summarizing the committee's efforts and activities.

Mr. Lockrem reminded everyone that the next and last meeting will be back in the seminar room at BATC on Tuesday February 14, 2012 from 9:00 AM and conclude by 12:15. He requested that the committee focus on the proposals IRC-125, R131 (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 to concentrate on the merit of the proposals since we had discussed the global issues regarding automatic fire sprinklers at the December 14, 2011 meeting.

Mr. Lockrem thanked everyone for coming and for their participation.

Meeting Adjourned 12:45 P.M.