

**Residential Code Review Committee
2008 Oregon Residential Specialty Code
Regular committee meeting minutes**

May 3, 2007

Members present: Patrick Bridges
Chuck Day
Gary Lampella
Raymond Miller
Alan Seymour

Members absent: John Caul
David DeHarpport

Staff present: Andrea Simmons, policy and technical services manager
Richard Rogers, structural program chief
Mike Ewert, code specialist
Shane Sumption, fire, life, safety and ADA code specialist
Chris Stewart, facilities engineer
Celina Patterson, policy analyst
Heidi Shamberger, structural para-technical specialist
Marianne Manning, rules coordinator

Guests present: David Jones, State Fire Marshal
Darrell George, City of Portland
Robert Rice, Josephine County
Mac Sheldon, Demilec LLC
Peggy Collins, Collins Consulting

1. Introductions

Committee members introduced themselves. Mike Ewert, residential code specialist, introduced staff members Heidi Shamberger, structural para-technical specialist, and Marianne Manning, rules coordinator. He indicated that questions about documentation, minutes, meeting details or other similar questions could be directed to them.

2. Overview

Mr. Ewert announced that the committee meetings would be broadcast over the Web and would be archived on the committee's page on the division's home page. The matrix of code changes posted on the division's Web site would be updated throughout the code review process, but is a work in progress. Mr. Ewert noted that Oregon codes could now be found in a read-only format on the International Code Council's Web site.

Mr. Ewert reviewed the information on the matrix and in committee members' binders. The committee will review existing 2005 Oregon Residential Specialty Code (ORSC) amendments and 2006 International Residential Council (IRC) code changes before reviewing new proposals.

Andrea Simmons, policy and technical services manager, discussed the divisions goals and priorities.

- Moving apartment provisions into the commercial structures code.
- Align publishing of code with scope of the IRC.
- Remove plumbing and electrical language from the ORSC and create references to those codes where applicable to the residential code.
- Create greater consistency between the administrative chapters of the codes.
- Reduce Oregon amendments.
- Incorporate townhouse provisions into code.
- Review energy package for inclusion in the code.
- Adopt Construction Claims Task Force recommendations into the code.
- Eliminate unsprinklered apartments.

Manager Simmons urged the committee to incorporate findings into motions that adopt Oregon amendments that explain why the amendments are necessary. Review of the overall financial impact will be conducted at the end of the process.

Manager Simmons asked audience participants to identify themselves when speaking from the audience. She urged that members of the audience come to the presenters table when talking so that the public can hear the comments and so that the comments are preserved for the record.

3. Election of officers

Motion by Alan Seymour to nominate Ray Miller as chairman. Mr. Miller thanked Mr. Seymour but declined the nomination.

Motion by Ray Miller to nominate Pat Bridges as chairman. There were no other nominations.

Motion passed unanimously.

Motion by Alan Seymour to nominate Ray Miller as vice chairman. There were no other nominations.

Motion passed unanimously.

The committee agreed that proposal presenters and speakers be given five minutes to speak. Should the committee have questions of the speaker, they would not be bound by a time limit. The committee agreed that presenters or speakers should bring twenty copies of any written material to be distributed. The audience should address the chairman when addressing the committee.

When review of Chapters three through ten is complete, new proposals will be reviewed when proponents notify the chairman or staff. Repetitive testimony can be monitored and controlled by the chairman.

Richard Rogers, structural chief, indicated that proponents should be ready to present a complete proposal to the committee. Although the committee may request an unprepared proponent return with proposal work complete, at some point a proposal not ready for presentation may not be considered for adoption by the committee.

Mr. Ewert said that the Code Amendment Action matrix is posted to the committee Web site page.

The committee took a brief break and reconvened at 10:00 a.m.

Peggy Collins, Collins Consulting, indicated that she is involved in a task force working with the Department of Land Conservation on comparisons of FEMA flood standards to Oregon Codes and making recommendation about conflicts between the model code, Oregon amendments and the NFIP standards. She submitted code proposals in 2007 to the Oregon Structural Specialty Code (OSSC) that helped eliminate conflicting language. The plan is to follow the same process with the ORSC.

4. Code review of 2006 IRC (model code) changes from previous code and existing 2005 ORSC (Oregon amendments)

Chapter 3, Section R301 Design Criteria

R301.1 model code clarifies language

Motion by Ray Miller to approve model code change.

Motion passed unanimously.

R301.1.1 Oregon amendment adds reference to Appendix S or OSSC, model code adds additional references

Motion by Ray Miller to retain the Oregon amendment and adopt new model code language referencing an updated standard.

Motion passed unanimously.

R301.1.3 Oregon amendment adds reference to Appendix S or OSSC

Motion by Ray Miller to retain the Oregon amendment.

Motion passed unanimously.

R301.2 Oregon amendment establishing climatic and geographic design criteria by county in table R301.2(1)

Motion by Ray Miller to adopt the Oregon amendment as appropriate reference to the table.

Motion passed unanimously.

R301.2.1 Oregon amendment deletes language in last sentence, model code deletes language and adopts more restrictive language

Motion by Alan Seymour to retain the Oregon amendment because it better addresses Oregon's geographical and climatic conditions. Motion withdrawn.

Motion by Ray Miller to retain the Oregon amendment. Motion amended to retain the Oregon amendment and adopt the last sentence of 2006 IRC model code language regarding asphalt shingles.

Motion passed unanimously.

R301.2.1.1 model code change adds language for hurricane-prone areas

The adoption of the 2006 OSSC included a revision to the Oregon wind speed map. There is a proposal submitted that would align the wind speed maps in the OSSC and ORSC. If that proposal is approved this Oregon amendment is unnecessary.

Motion by Ray Miller to delete the Oregon amendment and adopt model code changes.

Motion passed unanimously.

Table R301.2(1) Oregon amendment deletes model code and replaces with Oregon specific table

Motion by Ray Miller to delete model code table and adopt the Oregon amended table.

Motion amended to delete model code table, adopt the Oregon amended table with the addition of footnotes L and M referencing section R325 wildfire hazard mitigation and flood resistant construction requirements.

Motion passed unanimously.

Table R301.2(2) Oregon amendment replaces model code table

Motion by Ray Miller to retain Oregon amendment deleting this table as it is not consistent with Oregon standards.

Motion passed unanimously.

Table R301.2(3) Oregon amendment replacing model code table

Motion by Ray Miller to retain the Oregon amendment deleting this table to be consistent with previous action

Motion passed unanimously.

Figure R301.2(1) Oregon amendment for maps and figures

Motion by Ray Miller to retain the Oregon amendment deleting the figure and maps in this item, as this information is addressed in Chapter 11.

Motion passed unanimously.

All model code seismic maps

Motion to retain Oregon amendment to delete model code maps and retain Oregon specific maps to better address Oregon's specific geographic and climatic condition.

Motion passed unanimously.

Figure R301.1(7) Oregon amendment deleting figure.

Motion by Ray Miller to retain Oregon amendment deleting model code language to better address Oregon's specific geographic and climatic condition.

Motion passed unanimously.

Figure R301.2(4) Oregon amendment replacing model code figure

Motion by Ray Miller to retain the Oregon amendment replacing model code wind speed maps to better address Oregon's specific geographic and climatic condition.

Motion passed unanimously.

R301.2.1.2 Oregon amendment deleting item

Motion by Ray Miller to retain model code and delete Oregon amendment.

Motion failed with no Ayes.

Motion by Ray Miller to adopt the Oregon amendments to better address Oregon's specific geographic and climatic condition.

Motion passed unanimously.

Figures R301.2(2) and R301.2(4)

DEFERRED

R301.2.1.3 model code clarification of language

Motion by Ray Miller to adopt model code language.

Motion passed unanimously.

Table R301.2.1.2 Oregon amendment deleting table

Motion by Ray Miller to retain Oregon amendment deleting the table, consistent with previous action.

Motion passed unanimously.

Table R301.2.1.3 Oregon amendment to table

The figures in the bottom row are inconsistent with the current ability to use the 1997 UBC wind provisions. The values that were changed at the model code level are inconsistent with what's in that document which will create significant problems.

DEFERRED

R301.2.2.1 Oregon amendment changing reference to Table R301.2(1)

Motion by Chuck Day to adopt the Oregon amendment as it is appropriate to the presented information.

Motion passed unanimously.

Table R301.2.2.1.1 Oregon amendment adds reference to Table R602.10.3.(2)

DEFERRED

R301.2.2 Oregon amendment to delete certain language, model code language change.

Motion by Chuck Day to retain model code language and eliminate the Oregon amendment. Motion passed unanimously.

R301.2.2.1.1, Table R301.2.2.1.2

DEFERRED

R301.2.2.1.2 Oregon amendment deleting model code.

Motion by Ray Miller to adopt the Oregon amendment. Motion withdrawn.

Motion by Ray Miller to adopt model code language and delete Oregon amendment.

Motion passed unanimously.

Table R301.2.2.1.1

Chairman recommends that in future review the committee, rather than creating multiple Oregon amendments, delete D0, and combine D0 and D1 in this table as a single item. The SDS value would then range from 0.5 to 0.83 and that would fulfill the designation D1 and D0.

DEFERRED

The committee took a lunch break and reconvened at 12:45 p.m.

R301.2.2.2.1 Oregon amendment to change dimensions and model code language for clarification

Motion by Ray Miller to retain the Oregon amendments to this section regarding dead load dimensions and in the exception as it is reasonable for typical construction.

Motion passed unanimously.

Motion by Ray Miller to adopt the model code language change to this section.

Motion passed unanimously

R301.2.2.2.2 Oregon amendments that edits exceptions

Motion by Ray Miller to adopt the model code outside of the numbered items, rather than the Oregon amendment, to be consistent with other rulings.

Motion passed unanimously.

Motion by Ray Miller to adopt the Oregon amendment in R301.2.2.2.2 because it clarifies the intent of model code language. Motion amended to adopt Oregon amendment in item 4 of R301.2.2.2.2 because it clarifies the intent of model code language.

Motion passed unanimously.

Motion by Chuck Day to retain model code language and delete the Oregon language in item 7 of R301.2.2.2.2.

Nay – Bridges, Lampella, Miller

Ayes – Day,

Abstain - Seymour

Motion fails.

Motion by Ray Miller to retain the Oregon amendment for item 7 of R301.2.2.2.2 because it clarifies the intent of model code language.

Motion passes with nay from Day.

R301.2.2.3.1 model code change deletes “anchored” and adds reference to Sections R702.1 and R703

Motion by Ray Miller to adopt the model code language.

Motion passed unanimously.

R301.2.2.4.1 Oregon amendment adding a reference table
DEFERRED

R301.2.2.4.2 model code change deletes “anchored” and adds reference to Sections R702.1 and R703

Motion by Ray Miller to adopt model code change consistent with action previously taken.

Motion passed unanimously.

R301.2.3 Oregon amendment adding exception

In the 1990s WWPA created a western lumber span table specifically for the northwest which Oregon consistently allowed as the standard.

Motion by Ray Miller to adopt the Oregon amendment based on the historical use of the data in Oregon.

Motion passed unanimously.

R301.2.4 Oregon amendment deleting model code exception and adding reference to OSSC

Ms. Collins discussed placement of and potential changes to flood map reference information. There is language in OSSC 1612.3 that addresses local jurisdictions’ adoption of flood hazard maps. Ms. Collins volunteered to research section and Section 324 and bring a recommendation back to the committee. Mr. Ewert pointed out that there were many references in code to flood plain construction, and whatever is done in this section should be applied consistently.

DEFERRED

R301.3 Oregon amendment adding references to tables

Motion by Ray Miller to retain the Oregon amendment for consistency subject to potential action in Chapter 6, with staff making any necessary changes.

Motion passed unanimously.

Table R301.5 Oregon amendment for clarification, model code change to footnotes

Discussion regarding history of amendments.

Motion by Ray Miller to eliminate the Oregon amendment in the body of the section outside the footnote and accept model code change.

Motion passed unanimously.

Motion by Ray Miller to retain Oregon amendment in Table 301.5 footnote “a” because it fills an information gap in model code.

Motion passed unanimously.

Motion by Ray Miller to adopt model code language in Table 301.5 footnote “b.”

Discussion of attic weight load requirements and insulation.

Motion withdrawn.

Motion by Ray Miller not to adopt model code amendment in Table 301.5 footnote “b” which will put language deleted by model code change back into play so that Oregon’s insulation requirements are clarified.

Motion passed unanimously.

Motion by Ray Miller to adopt model code language in Table 301.5 footnotes “g,” “h” and “i.” Mr. Ewert expressed a concern with the lack of definition for “safety factor 4” in footnote “i.”

Motion passed unanimously.

Table R301.7 Oregon amendment deleting footnote

Motion by Chuck Day to adopt Oregon amendment which deletes footnote “a” from model code because it refers to a non-existent table.

Motion passed unanimously.

Section R302 model code changing title name

Mr. Day reported problems noted in the State of Washington’s adoption of this section of the 2006 IRC. These problems are already being revisited by IRC for revision in the 2009 code. There are two new code proposals that relate to this section, the chair recommends that discussion on this matter be deferred until the new proposals can be reviewed.

Motion by Ray Miller to defer action on section R302 at this time

Motion passed unanimously.

R302.1

DEFERRED

Table R302.1

DEFERRED

R302.2

DEFERRED

R302.3

DEFERRED

R303.1 model code adding exception

Motion by Ray Miller to adopt model code.

Motion passed unanimously.

R303.3, R303.3.1, R303.3.2 Oregon amendment

Motion to approve the Oregon amendments to R303.3, R303.3.1 and R303.3.2 as it fills a gap created by the model code and is consistent with part of Construction Claims Task Force recommendations.

Motion approved unanimously.

R303.4.1 new proposal

DEFERRED

R303.6 Oregon amendment deleting dimensions and defining location

Motion by Ray Miller to adopt the Oregon amendment due to cost and enforcement difficulties of adopting model code.

Motion passed unanimously.

R303.6.1 Oregon amendment deletes model code language, and adds reference to section E35-210.70(A)(2)(c)

Motion by Ray Miller to adopt the Oregon amendment for improved usability over model code language.

Aye – Miller

Nays – Bridges, Day, Lampella, Seymour

Motion fails.

Motion by Gary Lampella to adopt model code language.

Ayes – Day, Lampella, Seymour

Nays – Bridges, Miller

Motion passes.

R303.7.2 model code change to add new sunroom addition sections

Motion by Ray Miller to adopt model code language.

Motion passed unanimously.

R303.8 Oregon amendment makes section more restrictive

Motion by Ray Miller to adopt Oregon amendment as model code language is not consistent with Oregon's Energy Code.

Motion passed.

R305.1 Oregon amendment replaces model code, model code revises exception

Motion by Ray Miller to adopt model code modification for R305.1 Exception 3.

Motion passed unanimously.

Motion by Ray Miller to adopt Oregon amendment as it clarifies exception and fills gap from model code.

Motion passed unanimously.

R308.1, R308.3, R308.4 model code clarifications

Motion by Ray Miller to adopt model code for R308.1, R308.3, R308.4, R308.6.1, and R308.6.9. Motion amended to adopt model code changes for R308.1, R308.3 and R308.4.

Motion passed unanimously.

R308.5 roadmap to energy chapter

Motion by Ray Miller to retain the Oregon amendment because it references a specific section of the energy chapters.

Motion passed unanimously.

R308.6.9 Oregon amendment deletes code language and adds reference

Motion by Ray Miller to retain the Oregon amendment because it references a specific section of the energy chapters.

Motion passed unanimously.

R309.1.1 Oregon amendment adds language

Motion by Ray Miller to retain the Oregon amendment as it fills a gap created in model code.

Motion passed unanimously.

R309.1.2 model code change adding new section
Motion by Ray Miller to adopt the model code language.
Motion passed unanimously.

R309.2 model code clarifying language
Motion by Ray Miller to adopt model code language.
Motion passed unanimously.

R309.5 Oregon amendment flood hazard areas
DEFERRED

R310.1 and Exception model code changing language
Motion by Ray Miller to adopt model code language for Section 310.1 and Exception.
Motion amended to adopt model code language for Section 310.1 and exception but retain the words “with habitable space” in the first line of the section. Motion amended to adopt model code language for Section 310.1 and exception, retain the words “with habitable space” in the first line of the section and delete the second sentence of the section.
Motion passed unanimously.

R310.1.2 Oregon amendment lowering window opening height
Motion by Ray Miller to delete the Oregon amendment and adopt model code language.
Aye – Seymour, Miller, Lampella
Nay – Bridges, Day
Motion passed.

R310.1.4 model code adding language
Motion by Ray Miller to adopt model code language.
Motion passed unanimously.

R310.4 model code clarifying language
Motion by Ray Miller to adopt model code language.
Motion passed unanimously.

R310.5 model code language adding new section
Motion by Gary Lampella to adopt model code language.
Motion passed unanimously.

Chairman Bridges announced that the next meeting will be held on May 17 at 9:00 a.m. in conference room A at the Building Codes Division.

The meeting was adjourned at 3:55 p.m.