

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

**May 17, 2007**

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

**Members absent:** David DeHarpport

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

**Guests present:** Peggy Collins, Collins Consulting/Department of Land Conservation and  
Development Flood Task Force  
Darrell George, City of Portland

**1. Process review**

Twyla Knowles, policy and technical services assistant manager, encouraged the committee to continue including specific findings for the adoption of Oregon amendments. She advised that the finding should be included in the body of motions. She indicated that motions are not needed for Oregon code amendments that are not really an amendment, such as “roadmaps” or directions that refer a reader to another part of code. No findings are needed for an adoption of national model code language unless there is a substantive change.

Chairman Bridges recommended, in the interests of moving the code review process forward, that entire sections be approved in one motion when there is no controversial material and if there are no Oregon amendments.

Chairman Bridges announced that proponents or opponents may sign up to speak to the committee on specific code sections for a five-minute period. Anyone in the audience wishing to comment on general discussion should raise their hand and wait for the chair to acknowledge them. If the chair acknowledges them, they should come to the presenters table. Audience comments will be limited to a one-minute period, unless committee members have questions.

**2. Approval of minutes**

Motion by Raymond Miller to approve the minutes of the May 3, 2007, committee meeting as submitted.

Motion passed unanimously.

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

**Chapter 3 continued**

**Section R311**

DEFERRED

**Section R312**

DEFERRED

**Section R313** Oregon amendment adds clarification, model code changes lists standards and options

Motion by Raymond Miller to adopt section R313, incorporate original model code language and remove the R313.1 Oregon amendment, adopt the amended Oregon amendment in R313.2 in its entirety to reduce the number of cooking-triggered alarms, and approve model code language for R313.3.

Motion amended by Raymond Miller to include the Oregon amendment on ionization smoke alarms because it clearly defines the criteria.

Motion amended by Raymond Miller to accept the original model code language to R313.1 deleting the first Oregon amendment, retain the Oregon amendments specifically dealing with ionization, because it clearly defines criteria, and accepting new model code changes to the balance of the section.

Motion passed unanimously.

**Section R314** model code change adds language

Mr. Ewert distributed and discussed an [updated color-coded handout](#) to this section.

Motion by Gary Lampella to adopt model code language for Section R314.

Motion passed unanimously.

**R314.8** Oregon amendment clarifying language and adds information

Peggy Collins, Collins Consulting, commented that the standards are dated from the 1990s. She recommended that someone check those standards and confirm that they are still valid. Chairman Bridges instructed that any new standards will be checked for changes to technical content and changed, if necessary, as an editorial change.

Motion by Alan Seymour to retain the Oregon amendments in R314.8 because they are needed to fill a gap in model code language.

Motion passed unanimously.

**Section R316** model code adds requirement

Motion by Raymond Miller to adopt model code change.

Motion passed unanimously.

**Section R317** Oregon amendments adds clarification, model code changes

There has been a work group of staff collaborating with stakeholders working to move Appendix O to the body of the code. The recommendations of the work group have not been received.

DEFERRED

**Section R318** Oregon amendment deleting exception, model code change adds Climate Zones

Motion by Raymond Miller to retain Oregon amendment to clarify code.

Motion passed unanimously.

**Section R319** model code change to language and requirements

The committee discussed field treatment technical problems, cost consideration and inspection difficulties. Darrell George, City of Portland, said that field treatment language should be in code to increase awareness. He thought installers would better understand their requirements and inspectors could use several methods in the field to judge compliance, such as observation of treatment stains.

Motion by Alan Seymour to accept model code including R319.1.1.

Motion passed unanimously.

**Section R320** Oregon amendment deleting language, model code adding section

Motion by Raymond Miller to adopt Oregon amendment to provide consistency with previous actions.

Motion passed unanimously.

**Section R322** Oregon amendment, model code change

Motion by Gary Lampella to retain Oregon amendment because Oregon adopts its own accessibility chapter in the Oregon Structural Specialty Code.

Motion passed unanimously.

**Section R323** model code change adds new sections

Mr. Ewert will check with the Interim Chief Elevator Inspector and report back to the committee on any changes.

DEFERRED

Ms. Collins, representing the Department of Land Conservation and Development Flood Task Force, distributed and discussed the task force's recommended changes to Section R301, as amended by this committee, and Section R324 which clarify local jurisdiction FEMA requirements.

**Section R324** Oregon amendments, model code change

Motion by Raymond Miller to adopt model code in Section R324, adopt the Oregon amendments because it gives authority to local jurisdictions not given by model code, and adopt the [DLCD Flood/Building Code Task Force recommended changes](#).

Motion passed unanimously.

**R301.2.4** DLCD Flood/Building Code Task Force recommendations

Motion by Raymond Miller to adopt the DLCD Flood/Building Code Task Force recommended changes to R301.2.4 containing both model code and Oregon amendments clarifying local jurisdictions to adopt a flood hazard map and setting forth the process to do so.

Motion passed unanimously.

**Table R301.2(1)**

The committee agreed that all other code sections that reference Table R301.2(1) for flood requirements be changed to reference local jurisdictions, such change being editorial in nature.

**Section R325** Oregon amendment adds section

Motion by Raymond Miller to adopt the Oregon amendment because it fills a gap in model code for wild fire mitigation.

Motion passed unanimously.

The committee took a brief break.

**R401.1** model code adds reference to Table

Motion by Raymond Miller to adopt model code language.

Motion passed unanimously.

**R401.2** Oregon amendment adds clarification

Motion by Raymond Miller to adopt the Oregon amendment because it fills a gap in model code, helps prevent water intrusion and provides better footing construction.

Motion passed unanimously.

**R401.3** Oregon amendment adding, model code

Motion by Raymond Miller to adopt model code language and the Oregon amendment because the amendment provides alternate means which are not mentioned in model code language.

Motion passed unanimously.

**Section R402** model code changes

Motion by Raymond Miller to adopt model code language.

Motion passed unanimously.

**Table R403.1** Oregon amendment changing values

Committee discussed engineering and construction of foundation supports.

Motion by Raymond Miller adopt the Oregon amendment because it is standard engineering practice but modify to reinstate a minimum of 12 inches in all locations reduced in the modified Oregon Table.

Ayes – Bridges, Caul, Day, Miller, Seymour

Abstain – Lampella

Motion passed.

**R403.1.1** Oregon amendment expands specifications

Motion by Raymond Miller to adopt the Oregon amendment because it is consistent with good engineering judgment and consistent with Oregon construction practice and reduces cost.

Motion passed unanimously.

**Table R402.2** model code adds footnote

Motion by Raymond Miller to adopt model code footnote “f” to Table R402.2.

Motion passed unanimously.

**R403.1.2** Oregon amendment adds definition

Motion by Raymond Miller to adopt the Oregon amendment to R403.1.2 and subsections because it fills a gap in model code and addresses unique geographical construction methods.

Motion passed unanimously.

**R403.1.3** Oregon amendment roadmap

The committee agreed that the amendment was directional in nature.

**R403.1.4** Oregon amendment adding exception

Motion by Raymond Miller to adopt the Oregon amendment to delete model code exception because it is addressed in another code section and it is inconsistent with specific Oregon requirements.

Motion passed unanimously.

**R403.1.4.1** Oregon amendment adding exception, model code language added

Motion by Raymond Miller to adopt model code language and retain the Oregon amendment because it fills a gap in code language regarding monolithic footings.

Motion passed unanimously.

**R403.1.5** Oregon amendment adding clarification

Motion by Raymond Miller to retain the Oregon amendment because it is required for clarification for construction unique to the geographical area.

Motion passed unanimously.

**R403.1.5.1** model code adding exception language

Motion by Raymond Miller to adopt model code.

Motion passed unanimously.

**R403.1.5.2** Oregon amendment adding clarification

Ms. Collins commented that the language refers to interior footings cast monolithically, for a bearing wall that will already have a widened footing to carry the load.

Motion by Chuck Day to adopt section R403.5.2, seismic conditions, and retain the Oregon amendment because it clarifies that it is limited to seismic applications.

Motion passed unanimously.

**R403.1.7** Oregon amendment adding section

Motion by Raymond Miller to adopt Oregon amendment because the amendment makes it a safer application.

Motion passed unanimously.

**R403.1.8.** Oregon amendment adding language, model code

Mr. Ewert pointed out that the Oregon amendment is a road map.

Motion by Raymond Miller to adopt model code language, including the Oregon road map.

Motion passed unanimously.

**R403.1.8.1** Oregon amendment adding reference, model code adds clarification

Motion by Raymond Miller to retain the Oregon amendments to Item 3.

Motion passed.

Motion by Raymond Miller to retain the Oregon deletion to Item 3, shown as blue text lined-out and adopt model code language in Item 1 because it provides clarification and eliminates the possibility of the misapplication of the code.

Ayes – Bridges, Caul, Day, Miller, Seymour

Nays – Lampella

Motion passed.

Chairman Bridges ruled, as an editorial modification, that the word “light” in the first paragraph be retained. There were no objections from the committee.

Committee took a break for lunch.

**Tables R404.1(1), R404.1(2), R404.1(3) and modifications to 404.1**

DEFERRED for consideration of code change proposal.

**Section 404.1** model code language

Motion by Raymond Miller to delete the Oregon amendment and adopt model code provisions for section R404.1.1, including tables R404.1.1(1), (2) (3) (4) and (5), up to section R404.4.11 with the incorporation of a footnote from a previous table to be

consistent with previous Oregon amendments. Staff was directed to make this editorial revision.

Motion passed unanimously.

**R404.5** model code adds section

Motion by Raymond Miller to adopt model code language with amendment to change 24 inches to 48 inches to be consistent with provisions exempting permits in Chapter 1.

Motion passed unanimously.

**Table R404.2.3** model code deletes footnote

Motion by Raymond Miller to adopt model code change deleting foot note “d.”

Motion passed unanimously.

**Section 406** model code adding consistency

Motion by Raymond Miller to adopt model code language for section R406.

Ayes – Caul, Lampella, Miller, Seymour

Nays – Bridges, Day

Motion passed.

**R407.3** Oregon amendment adding clarification

Motion by Raymond Miller to retain the Oregon amendment because it provides consistency with provisions in Chapter 5.

Motion passed unanimously.

Darrell George, City of Portland, suggested that the exception should be broadened to include cripple walls of a similar configuration.

**Table R404.4(3), R404.4(4), Table R404.4(6)**

Chairman Bridges ruled that editorial changes be accepted.

**R408.2** model code change

Chairman Bridges, Mr. Seymour and Mr. Ewert agreed to work together and bring a proposal to the committee.

DEFERRED

**R408.4** model code change

Motion by Raymond Miller to adopt model code.

Motion passed unanimously.

**R408.7** model code change

Chairman Bridges ruled that editorial changes be accepted.

The committee took a brief break.

**R501.2** Oregon amendment adding reference

Motion by Raymond Miller to adopt the Oregon amendment to be consistent with action taken in Chapter 3.

Motion passed unanimously.

**R502.1.2** Oregon amendment adding clarification

Motion by Alan Seymour to adopt the Oregon amendment because it adds important clarification.

Motion passed unanimously.

**R502.1.6** model code change adding section

Motion by Raymond Miller to adopt new section of model code.

Motion passed unanimously.

**R502.2.1** model code editorial change

Chairman Bridges ruled that editorial changes be accepted.

**R502.2.2** Oregon amendment adding exception

Motion by Raymond Miller to delete the Oregon amendment.

Motion passed unanimously.

**R502.3.1, R502.3.2** Oregon amendment deleting language, model code adds language

Motion by Raymond Miller to delete the Oregon amendment to section R502.3.1.

Motion passed unanimously.

Motion by Raymond Miller to adopt model code.

Motion passed unanimously.

**Tables R502.3.1(1), R502.3.1(2)** model codes adds footnote

Chairman Bridges ruled that editorial changes be accepted.

**Table R502.5(1)** model code change

Motion by Raymond Miller to adopt model code.

Motion passed unanimously.

**Table R502.5(2)** model code change

The committee adopted the change as a roadmap.

**R502.7** Oregon amendment deleting exception, model code clarification

Motion by Raymond Miller to retain the Oregon amendment because the exception in model code is repeated elsewhere in the code.

Motion passed unanimously.

**R502.8.2** model code adding clarification

Motion by Raymond Miller to adopt model code.

Motion passed unanimously.

**R502.9** Oregon amendment adding reference

Motion by Raymond Miller to retain the Oregon amendment for consistency.  
Motion passed unanimously.

**R502.11.2** model code change adding reference

Motion by Alan Seymour to approve model code.  
Motion passed unanimously.

**Figure R502.9** Oregon amendment adding language

Staff will revise editorial language.

Motion by Chuck Day to retain the Oregon amendment to comply with other code sections that it addresses, and to provide clarity.  
Motion passed unanimously.

**R502.11.4** model code language deleting language

Motion by Raymond Miller to adopt model code.  
Motion passed unanimously.

**R502.13** model code adding reference

Motion by Raymond Miller to adopt model code.  
Motion passed unanimously.

**Table R503.2.1.1(1)** Model code amendment adding column

Motion by Raymond Miller to adopt model code.  
Motion passed unanimously.

**R503.2.2** model code adding reference

Motion by Raymond Miller to adopt model code.  
Motion passed unanimously.

**R504.3** model code adding reference

Motion by Raymond Miller to adopt model code.  
Motion passed unanimously.

**Section R505** model code changes

Motion by Raymond Miller to adopt model code.  
Motion passed unanimously.

**R506.2.3** Oregon amendment adding reference

Motion by Alan Seymour to retain the Oregon amendment because it is consistent with the Energy Chapters.  
Motion passed unanimously.

**R506.2.4** model code adding section

Motion by Gary Lampella to accept model code.  
Motion passed unanimously.

**R308.6.1** model code adding language

Chairman Bridges ruled that editorial changes be accepted.

The committee decided since it was short on time to skip ahead to Chapter 10 and 9 as these chapters had few if any Oregon amendments or model code changes. Mr. Ewert distributed and discussed changes made to [Chapter 10, Chimneys and Fireplaces](#).

**Chapter 10, first paragraph**, Oregon amendment adding language.

Motion by Raymond Miller to retain the Oregon amendment to be consistent with statutory provision.

Motion passed unanimously.

**Chapter 10**, model code changes

Motion by Chuck Day to adopt model code language.

Motion passed unanimously.

**R901.1** Oregon amendment adding language

Motion by Chuck Day to retain the Oregon amendment because Oregon does not adopt the referenced tables.

Motion passed unanimously.

**R903.5 and subsections** model code language

Motion by Chuck Day to retain model code.

Motion passed unanimously.

**R905.1** model code language

Motion by John Caul to delete model code language to be consistent with previous language.

Motion passed unanimously.

**R905.2.3, R905.2.4** model code language

Motion by Raymond Miller to adopt model code.

Motion passed unanimously.

**Sections R905, R906** model code language

Motion by Raymond Miller to adopt model code language from R905 through R906.

Motion amended by Raymond Miller to adopt model code changes with the exception of references to ice barriers, retain the language “the average daily temperature in January is 25 degrees F or less” and delete roadmap to table or reference to ice barrier.

Motion passed unanimously.

**R907.1.1** Oregon amendment adding language

Darrell George, City of Portland, questions a possible conflict with the potential allowance of unvented attic spaces.

Motion by John Caul to delete the Oregon amendment.

Motion withdrawn.

Motion by Raymond Miller to retain the Oregon amendment because it enhances construction performance and fills a gap in model code.  
Motion passed unanimously.

**R907.3** Oregon amendment changing requirement

Motion by Gary Lampella to retain the Oregon amendment to be consistent with common Oregon construction practices.  
Motion passed unanimously.

**Section R907** model code adding language

Motion by Raymond Miller to adopt model code language for Section R907.  
Motion passed unanimously.

Chairman Bridges requested that staff develop and provide a matrix for the mechanical sections of the code. The committee tentatively set a schedule for upcoming meetings to allow interested parties a better opportunity of attendance.

May 31, 2007

Sections R311 and R312  
Chapter 6  
Chapter 7  
Chapter 8  
Townhouse/Appendix O – Section R317

June 14, 2007

Mechanical matrix and code review  
Mechanical new proposals  
Construction Claims Task Force  
Chapters 1 and 2 ( if possible)

June 28, 2007

Chapter 1 and 2 (if necessary)  
Appendix P  
Chapter 11

July 12, 2007 (half day)

New proposals – Chapters 1 through 10  
Deferred items

July 19, 2007 and August 2, 2007

If necessary

Chairman Bridges announced that the next meeting will be held on May 31 at 9:00 a.m. in conference room A at the Building Codes Division.

The meeting was adjourned at 3:15 p.m.