



# Oregon

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## *2011 Oregon Residential Specialty Code Committee*

*June 16, 2010*

### **Meeting Summary**

**\*\*NOTE:** *The following is a summary of the committee's discussion.*

*To review the meeting in its entirety, the archived video of the meeting is available on the committee's Web site at the following link <http://www.bcd.oregon.gov/committees/11orsc.html>*

**Members Present:** Johnathan Balkema, Oregon Home Builders Association  
Mike Goodrich, Legend Homes Corporation  
Tracy Hankin, Hankins Construction  
Gary Lampella, City of Redmond  
Ravi Mahajan, Clackamas County  
Eric McMullen, Oregon State Fire Marshal

**Members Absent:** Alan Seymour, Oregon Department of Energy

**Guests Present:** John Caul, Oregon State Fire Marshal  
Norm Nomie, City of Gresham  
Robert Rice, Oregon Building Officials Association  
Randy Nicklas, ICYNENE, Inc

**Staff Present:** Chris Huntington, Policy and Technical Services Manager  
Micheal D. Ewert, Mechanical and Residential Code Programs  
Richard Rogers, Structural Chief  
Rich Baumann, Policy Analyst  
Dana Fischer, Building Code Para-Technical

### **Introductions**

Micheal Ewert began the meeting at 9:00 a.m., asking Chris Huntington, Manager Policy and Technical Services to speak to the committee. Mr. Huntington welcomed the committee and guests and asked them to introduce themselves. He asked that if a member of the public would like to speak, to please come up to the testimony table. He also stated all the meetings are video streamed live over the web to the public.

Mr. Huntington explained the handout [Goals/Outcomes and Procedures](#). He shared that the committee will review Oregon Amendments, Model Code changes and code change proposals. He explained the

Oregon legislature directed the division to work on two additional tasks during this code review process; 1) Carbon Monoxide, and 2) Radon.

### **Nominations for Chair and Vice Chair**

Mr. Ewert opened nominations for the election of Committee Chair and Vice-Chair. Eric McMullen nominated Gary Lampella for Chair. Johnathan Balkema nominated Mike Goodrich for vice-chair. No other nominations were suggested.

**Motion** to appoint Gary Lampella as Chair.

*Motion approved unanimously.*

**Motion** to appoint Mike Goodrich as Vice-Chair.

*Motion approved unanimously.*

## **Chapter 2, Definitions**

### **Section R201**

Mr. Ewert explained the changes in this section.

**Motion** to approve existing Oregon amendments to Sections R201.3 and R201.4.

The committee discussed the language.

*Motion approved unanimously.*

### **ACCESSIBLE, READILY**

The committee discussed the definition.

**Motion** to disapprove existing Oregon amendments. (This action puts the definition back in the code)

*Motion approved unanimously.*

### **ATTIC, HABITABLE**

**TABLED:** *The committee agreed to table the discussion to later date.*

### **BALCONY**

**Motion** to disapprove ICC's deletion of the definition for "BALCONY".

Committee discussion continued. Motion withdrawn.

### **DECK**

The committee discussed the difference between the definitions "DECK" and "BALCONY".

**Motion** to disapprove ICC's deletion of the definition for "DECK".

Committee discussion continued. Motion withdrawn.

**TABLED:** *It was suggested tabling the discussion on BALCONY and DECK, and asked Ravi Mahajan to bring new language back to the next meeting.*

## **HIGH-EFFICACY LAMPS**

**TABLED:** Chair Lampella tabled the discussion until Alan Seymour can be in attendance to discuss energy related issues.

## **LISTED**

The committee discussed deleting the Oregon Amendment for “**LISTED**”, and keeping the Model Code change.

**Motion** to approve model code language and delete Oregon amendment for “**LISTED**”.

*Motion approved unanimously.*

## **NATURAL DURABLE WOOD**

The committee discussed the definition. Richard Rogers commented that Building Code Structures Board approved an Alternate Method Ruling, which recognizes the heartwood of “Western Juniper” as being equivalent in natural durability to the heartwood of those wood species noted as such in the Oregon Residential Specialty Code (ORSC) and the Oregon Structural Specialty Code (OSSC). The committee discussed the issue, agreeing to modify the definition to include “Western Juniper as naturally occurring wood”

**Motion** to approve as modified model code language, with the modification of adding “**Western juniper**” to the definition of “**NATURAL DURABLE WOOD**”.

*Motion approved unanimously.*

## **PRECAST CONCRETE FOUNDATION WALLS**

The committee discussed the definition.

**Motion** to approve as modified by deleting the words “...used to build ~~below-grade~~ foundations.” in the definition “**PRECAST CONCRETE FOUNDATION WALLS**”.

*Motion approved unanimously.*

## **SEISMIC DESIGN CATEGORY**

The committee discussed the definition and issues pertaining to it.

**TABLED:** Chair Lampella asked to table the discussion until the next meeting.

## **Break**

The committee took a short break

## **STORY and STORY ABOVE GRADE**

The committee discussed the definitions.

**Motion** to approve existing Oregon Amendment.

Committee discussion continued. Motion withdrawn.

**TABLED:** Chair Lampella suggested tabling the discussion agreeing to further research issues discussed by the committee.

## **THERMAL ISOLATION**

***TABLED:** Chair Lampella tabled the discussion until Alan Seymour can be in attendance.*

## **VAPOR RETARDER**

***TABLED:** Mr. Rogers suggested tabling the discussion on this definition until Chapter 6 is discussed.*

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***TABLED:** Mr. Rogers suggested tabling the discussion on this definition until Chapter 6 is discussed.*

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## **Summary of Chapter 2**

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**Motion to APPROVE** all Oregon amendments to Chapter 2, Definitions, which includes specific modifications made during this review, but excludes those items that were tabled.

*Motion approved unanimously.*

**Motion to APPROVE** all Model code amendments to Chapter 2, Definitions, which includes specific modifications made during this review, but excludes those items that were tabled.

*Motion approved unanimously.*

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## **Chapter 3, Building Planning**

### **Section 301 Design Criteria**

Mr. Ewert explained the documents and proposals handed out to the committee. The committee took a few minutes to organize their documents. Mr. Ewert began discussion on Chapter 3 by reviewing the matrix beginning with Section R301.1.1.

#### **Table R301.2(1) Climatic and Geographic Design Criteria**

The committee discussed changes to the language.

***TABLED:** Chair Lampella tabled the discussion until further research can be brought back to the committee.*

#### **Section R301.2.1.4 Exposure category**

The committee discussed concerns and situations that could arise.

**Motion** to disapprove new Model Code language.

*Motion approved unanimously.*

**Section R301.2.1.5 Topographic wind effects;**

**Section R301.2.1.5.1 Simplified topographic wind speedup method;**

**Table R R301.2.1.5.1;** and

**Figures R301.2.1.5.1(1), (2) &(3).**

**Motion** to disapprove Model Code changes for Sections R301.2.1.5 and Section R301.2.1.5.1 (including Table & Figures).

*Motion approved unanimously.*

**Table R301.2.1.3 Equivalent Basic Wind Speeds**

**Motion** to disapprove Oregon amendment. This will be consistent with Chapter 16, Table 1609.3.1 of the 2010 OSSC. This will also be consistent with the 2009 IRC table.

*Motion approved unanimously.*

**Table R301.2.2.1.1 Seismic Design Category Determination**

The committee discussed the fact that if they decide to delete “Seismic Design Category D<sub>0</sub>” from this table then it will need to be deleted from all other sections. This is already a current Oregon amendment.

**Motion** to approve existing Oregon amendment which deletes “Seismic Design Category D<sub>0</sub>”.

*Motion approved unanimously.*

**Code Proposal [ORSC11-40](#) & [ORSC11-41](#) (Sections R301.2.2.2 & R301.2.2.3)**

Johnathan Balkema explained the Oregon Home Builders Association proposal to the committee.

The committee discussed the proposed language.

**Motion** to approve current Oregon amendment. **Motion** rescinded.

*Mr. Balkema withdrew code proposals ORSC11-40 and 41.*

**Section R301.2.2.2 Seismic limitations**

**Motion** to disapprove new Model Code language for Section R301.2.2.2, keep the current language (2006 language), and keep existing Oregon amendments in R301.2.2.1. Motion included approval of the new model code addition of Item #7.

*Motion approved unanimously.*

**Section R301.2.4 Floodplain construction**

**Motion** to approve existing Oregon amendment and disapprove new Model Code language.

*Motion approved unanimously.*

**Section 301.3 Story height**

**Motion** to approve Oregon Amendments for entire section, and approve new Model Code language for Item 5. Motion withdrawn.

**TABLED:** *Mr. Balkema requested this section be tabled until Chapter 6 can be discussed which relates to the section.*

### **Table R301.5 Minimum Uniformly Distributed Live loads**

Mr. Ewert explained the changes to the section's language. The committee discussed the language changes.

**Motion** to approve Oregon Amendments for "notes a and b", and approve the new Model Code Change language in the Table.

*Motion approved unanimously.*

## **Section R302 Fire-Resistant Construction**

### **Section R302.2 Townhouses**

**TABLED:** *Tabled until the committee discusses "fire sprinklers".*

**Code change [ORSC11-14](#)** (Section R302.2, Exception)

**Motion** to approve code change proposal ORSC11-14.

The committee discussed the proposal's language.

*Motion withdrawn.*

**TABLED:** *for further discussion.*

**Code change [ORSC11-15](#)** (Table R302.6)

**Motion** to approve code change proposal ORSC11-15.

The committee discussed the proposal's language.

*Motion approved unanimously.*

### **Table 302.1 Exterior walls**

The committee discussed the table's language.

**Motion** to approve as modified by retaining Oregon Amendments, rejecting model code changes to the Table, with the exception of "[...tested in accordance with ASTM E 119 or UL 263...](#)" located in the "minimum fire-resistance rating column".

*VOTE: 5-yes and 1-no.*

*Motion approved.*

### **Section R302.2.4 Structural independence**

**TABLED:** *Mr. Balkema asked that this section be tabled since code change proposal ORSC11-14 was tabled and pertains to the same language.*

### **Section R302.3 Two-family dwellings**

The committee discussed scenarios dealing with the language.

**Motion** to approve as modified by adopting the Model Code change language, excluding the language "[...from the foundation...](#)".

*Motion approved unanimously.*

**Code change proposal [ORSC11-42](#)** (Section R302.4.2)

Mr. Balkema explained the code proposal's language.

The committee discussed the proposal.

**Motion** to approve as modified. Remove "~~annular~~" in Exceptions #1 and #2.

*Vote 4-yes to 2-no*

*Motion approved.*

**Section 302.6 Dwelling/garage fire separation**

Mr. Ewert explained that the language is new.

**Code Proposal [ORSC11-06](#)**

Robert Rice explained the code proposal.

*Tabled, code proposal will be considered when the committee discusses "fire sprinklers".*

**Code Proposal [ORSC11-47](#)**

Mr. Balkema explained his code proposal.

*Tabled, code proposal will be considered when the committee discusses "fire sprinklers".*

Chair Lampella wrapped up the meeting, stating Mr. Balkema will work on language modifications for Section R302.6. He confirmed other assignments given to committee members. He also suggested the committee review the handouts for chapters 4 and 5. It was announced that the first part of the July 14<sup>th</sup> meeting will focus specifically on the fire sprinkler issues.

**Adjourn**

The meeting adjourned at 3:30 p.m.