



Oregon

Kate Brown, Governor

Department of Consumer and Business Services

Building Codes Division

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Residential and Manufactured Structures Board

Regular meeting agenda

Wednesday, April 6, 2016, 9:30 a.m.

Conference Room A

Board meetings are broadcast live via the Internet at

<http://bcd.oregon.gov/>

Click on "View live meetings"

I. Board business

- A. Call to order
- B. Roll call
- C. Approval of agenda and order of business
- D. Approval of the rescheduled December 3, 2015, board meeting minutes
- E. Date of the next scheduled meeting: July 13, 2016 (***First Wednesday of every quarter***)

II. Public comment

*This time is available for individuals wanting to address the Board on **non-agenda items only**. The Board will not take action on non-agenda items raised under public comment at this meeting. Testimony on agenda items will be heard when the item is called. (See "Issues to remember when addressing the Board" at the end of this agenda).*

III. Reports

- A. Building Codes Division report
- B. Residential structures program update

IV. Communications - None

V. Appeals - None

VI. Unfinished business - None

VII. New business

Board review and provide a recommendation to the Administrator on the technical and scientific facts of approving the use of the structural and mechanical provisions of the 2015 International Residential Code as an alternate method to the 2014 Oregon Residential Specialty Code

VIII. Announcements - None

IX. Adjournment

Issues to remember when addressing the Board:

- All public participation is subject to the discretion of the Board Chair for order of testimony, length and relevance.
- Speakers are generally limited to five minutes.
- Please register on the attendance registration form and on the public testimony registration form, listing the appropriate agenda item.
- The Board Chair will call you to the front testimony table.
- Please state your name and the organization you represent (if any).
- Always address your comments through the Chair.
- If written material is included, please provide 20 three-hole-punched copies of all information to the boards administrator prior to the start of the meeting and, when possible, staff respectfully requests an electronic copy of materials 24 hours prior to the meeting.

Interpreter services or auxiliary aids for persons with disabilities are available upon advance request. Persons making presentations including the use of video, DVD, PowerPoint, or overhead projection equipment are asked to contact boards coordinator 24 hours prior to the meeting. For assistance, please contact Debi Barnes-Woods at 503-378-6787.

Please do not park vehicles with "E" plates in "customer only" spaces.

Note: For information regarding re-appointments or board vacancies, please visit the Governor's website.

**State of Oregon
Draft**

Agenda Item I.D

**Residential and Manufactured Structures Board
Rescheduled board meeting minutes
December 3, 2015**

- Members present:** Jan Lewis, Chair, residential structural contractor
Bruce Dobbs, Vice-chair, utility/energy supplier
John Chmelir, multi-family contractor
Tonya Halog, structural engineer
Emily Kemper, public member
Douglas Lethin, remodeler residential structural contractor
John Mills, residential building trade sub-contractor
Rebai Tamerhoulet, building official
- Members absent:** Richard Bonheimer, seller or distributor of new manufactured dwellings
Kathryn Gray, home designer
Vacant, manufacturer of manufactured dwellings
- Staff present:** Brett Salmon, manager, Policy and Technical Services
Rex Turner, structural program chief, Policy and Technical Services
Mark Heizer, P.E., energy and mechanical code specialist, Policy and Technical Services
Tony Rocco, building code specialist, Policy and Technical Services
Richard Baumann, policy analyst, Policy and Technical Services
Debi Barnes-Woods, boards administrator/coordinator, Policy and Technical Services
- Guests present:** Howard Asch, Oregon Home Builders Association (OHBA)
James Bela, Oregon Earthquake Awareness

I. Board business

A. Call to order

Chair Jan Lewis called the Residential and Manufactured Structures Board meeting to order at 1:31 p.m. The meeting was held at the Building Codes Division in Conference Room A, 1535 Edgewater Street NW, Salem, Oregon.

B. Roll call

Tonya Halog was connected by teleconference Richard Bonheimer and Kathryn Gray were both absent excused. All other members were present in Conference Room A.

This board has one vacancy: Manufacturer of manufactured dwellings.

C. Approval of agenda and order of business

Chair Lewis **RULED** the agenda approved.

D. Approval of the board meeting minutes of April 10, 2015

Chair Lewis **RULED** the meeting minutes of April 10, 2015, approved as written.

E. Date of the next regularly scheduled meeting

The next meeting date January 6, 2016.

II. Public comment

James Bela, Oregon Earthquake Awareness, discussed procedures of code adoption.

III. Reports

A. Building Codes Division report

Item A. and B. were discussed together by Rex Turner, structural program chief, Policy and Technical Services.

Chief Turner announced two new employees with the Division:

- Scott Linfesty, central/eastern regional coordinator, Regional Program Services
- Tami Martino P.E. civil/structural engineer, plans examiner, Policy and Technical Services

Chief Turner discussed the Division's emphasis on training in areas such as:

- Oregon Inspector Certification
- Specialized Inspector Certification
- Code Change and Update
- Upcoming: Building Official Certification

B. Residential program update

Chief Turner explained the role of the Residential program staff in the Division's training efforts. He also provided data on staff's daily issue tracking and data collection.

IV. Communications

Update on Statewide Code Interpretation No. 15-01; Fire Protection of Floors in Existing Structures

Tony Rocco, building codes specialist, Policy and Technical Services, said Section R501.3 was added to the 2011 ORSC to address unprotected floor assemblies of lightweight construction and that Section R315.5 requires carbon monoxide alarms when a new carbon monoxide source is introduced into existing dwellings.

V. Appeals – None

VI. Unfinished business

Board make a recommendation on the removal of underground gas pipe separation requirements in the 2014 Oregon Residential Specialty Code

Mark Heizer, technical policy analyst, Policy and Technical Services, said that this item was tabled at the Board's April 10, 2015 meeting because the burial depth of the model code language did not align with the requirements of the gas companies.

Mr. Heizer said the 2014 OMSC, based on the 2012 IMC, was adopted without modification to the underground piping installation requirements in Section C404.13. This specific amendment in the prior versions of the OMSC was not re-adopted. The more restrictive separation requirements of the Oregon amendments were considered obsolete and resulted in additional, unnecessary construction costs.

Motion by Vice-chair Bruce Dobbs to approve the proposed amendment to the residential gas pipe separation requirements in the 2014 ORSC and recommend them to the Administrator for public hearing and subsequent adoption, with the finding that the added cost, if any, is necessary to conserve scarce resources.

Motion carried unanimously

VII. New business

A. Board review and provide a recommendation to the Administrator for a code change to discontinue the use of low frequency alarms for single- and multiple-station applications under the low-rise residential provisions as printed in the 2014 Oregon Structural Specialty Code and move to public hearing

Mr. Rocco explained that the proposed amendments clarify that NFPA 72-13, Section 29.3.8, and NFPA 720-12, Section 9.4.2.2 are not adopted and are not part of low-rise residential provisions printed in the OSSC.

Motion by John Chmelir to approve proposed amendments to the low-rise residential provisions as published in the 2014 OSSC and remove requirements for the use of low frequency alarms for single- and multiple-station applications. Recommend the proposed amendments to the Administrator for public hearing and subsequent adoption, with the finding that the added cost, if any, is necessary to the health and safety of the occupants or the public or necessary to conserve scarce resources

Motion carried unanimously

B. Board review and provide a recommendation to the Administrator for adoption of rulemaking for minimum safety standards for recreational vehicles

Additional documents:

- Code adoption [matrix](#)
- Committee meeting [process](#)

Richard Baumann, policy analyst, Policy and Technical Services, explained the process of receiving code change proposals for committee review of the minimum safety standards for recreational vehicles. The attached [matrix](#) shows the Recreational Vehicle Code Change Committee's recommendation for the Board's review and approval to the Administrator for public hearing and subsequent adoption.

Emily Kemper was a member of the committee and said Mr. Baumann made the review process easy for the committee because of his expertise of recreational vehicles.

Motion by Vice-chair Dobbs to approve the committee's recommendations and recommend the Administrator move the proposed minimum safety standards for recreational vehicles for public hearing and subsequent adoption, with the finding that the added cost, if any, is necessary to the health and safety of the occupants or the public or necessary to conserve scarce resources.

Motion carried unanimously

VIII. Announcements

IX. Adjournment

The RMSB meeting was adjourned at 2:12 p.m.

Respectfully submitted by Debi Barnes-Woods/Boards Administrator/Coordinator

State of Oregon

Board memo

Building Codes Division

April 6, 2016

To: Residential & Manufactured Structures Board

From: Rex Turner, structural program chief, Policy and Technical Services

Subject: Statewide Alternate Method No. ORSC 16-01
2015 International Residential Code (IRC)

Statewide alternate methods:

Statewide alternate methods are approved by the Division Administrator in consultation with the appropriate advisory Board. The advisory Board's review is limited to the technical and scientific facts of the proposal. In addition:

- *Building officials shall approve the use of any material, design or method of construction addressed in a statewide alternate method.*
- *The decision to use a statewide alternate method is at the discretion of the designer.*
- *Statewide alternate methods do not limit the authority of the building official to consider other proposed alternate methods encompassing the same subject matter.*
- *In accordance with OAR 918-008-0110, the information contained in a statewide code interpretation is legally binding on any party involved in activities regulated by applicable Oregon law, applicable Oregon regulations or the state building code. If the information contained in this statewide alternate method is cited as a basis for a civil infraction, a representative of the jurisdiction must cite the alternate method number found in this document.*

Action requested:

A Board recommendation to the Division Administrator as to the technical and scientific merits of the structural and mechanical provisions of the *2015 International Residential Code (IRC)* with certain Oregon amendments as an acceptable alternate method to the *2014 Oregon Residential Specialty Code (ORSC)*.

Background:

The *2018 ORSC*, based on the *2015 IRC*, is anticipated to become effective October 1, 2018. This alternate method will provide designers the option of designing to the *latest edition of the model codes ahead of the statewide implementation date.*

The structural and mechanical provisions of the *2015 IRC* serves as an effective, comprehensive alternative to the *2014 ORSC* for the assembly of the built environment subject to the following:

- The use of the alternate method constitutes a separate compliance path from the *2014 ORSC* in that designs must comply with the structural and mechanical provisions of the *2015 IRC* in its entirety. Limited cross-over applications are allowed where approved by the building official.

Technical and scientific facts:

1. The *International Codes Council* promulgates internationally accepted construction standards through an “*open code development process*” in which all interested and affected parties may participate in the review of proposed changes submitted by code enforcing officials, industry representatives, design professionals and other interested parties.
2. The *2015 IRC* is a contemporary building code advancing the public safety and general welfare through a timely evaluation and recognition of the latest advancements in construction techniques, emerging technologies and science related to the built environment. As such, staff considers the structural and mechanical provisions of the *2015 IRC* to be a cogent alternate method of construction to the *2014 ORSC*.
3. The Oregon amendments included are necessary for the coordination of code administration and to reference requisite adopted codes.

Options:

- Approve the technical and scientific facts of the proposed alternate method
- Suggest additional technical and scientific language for the proposed alternate method
- Disapprove the technical and scientific facts of the proposed alternate method

Recommendation:

Approve the technical and scientific facts of the proposed alternate method.



No. 16-04
2015 International Residential Code

(Ref.: ORS 455.060)

Statewide Alternate Methods are approved by the Division administrator in consultation with the appropriate advisory board. The advisory board’s review includes technical and scientific facts of the proposed alternate method. In addition:

- *Building officials shall approve the use of any material, design or method of construction addressed in a statewide alternate method;*
- *The decision to use a statewide alternate method is at the discretion of the designer; and*
- *Statewide alternate methods do not limit the authority of the building official to consider other proposed alternate methods encompassing the same subject matter.*

Code Edition: 2014 Oregon Residential Specialty Code (ORSC)
2015 International Residential Code (IRC)

Date:

Initiated by: Building Codes Division

Subject:

To allow design of residential structures using the 2015 *International Residential Code (IRC)* as an alternate method to the provisions of the 2014 *Oregon Residential Specialty Code (ORSC)*.

Background:

The 2014 *ORSC*, based on the 2009 *IRC*, is the adopted building code for the State of Oregon; this alternate method will allow designers to voluntarily use the 2015 *IRC* as an additional choice to the development community.

Discussion:

Oregon Building Codes Division finds the 2015 *IRC* to be a contemporary building code advancing the public safety and general welfare through a timely evaluation and recognition of the latest advancements in construction techniques, energy efficiency, emerging technologies and science related to the built environment.

Conclusion:

Accordingly, the 2015 *IRC* serves as an effective alternative to the 2014 *ORSC* for the construction of buildings in Oregon subject to the following:

1. The use of this alternate method constitutes a separate compliance path from the 2014 *ORSC* in that designs must comply with the 2015 *IRC* in its entirety. Limited cross-over



applications are allowed where approved by the building official.

2. Specified existing Oregon amendments as noted below are considered part of this ruling.
3. All references to Chapters 25 through 33 in the IRC shall refer to the 2014 Oregon Plumbing Specialty Code.
4. All references to Chapters 34 through 43 in the IRC shall refer to the 2014 Oregon Electrical Specialty Code.

Contact:

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Energy Code Specialist
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Rex Turner
Structural Program Chief
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The technical and scientific facts for this Statewide Alternate Method are approved.

Mark Long, Administrator
Building Codes Division

Date

The following matrix details the existing 2014 ORSC amendments which are applicable as part of the 2015 IRC Alternate Method Ruling:

2015 IRC Section/Table/Figure	Action	2014 ORSC Section/Table/Figure
CHAPTER 1 - SCOPE AND ADMINISTRATION		
The administrative provisions of ORSC Chapter 1 shall replace the 2015 IRC Chapter 1 in its entirety including all subsequent references in the IRC to flood plain, flood elevation, and design modifications requiring flood elevations.		
CHAPTER 2 - DEFINITIONS		
R201.3 Terms defined in other codes.	<i>Replace with:</i>	R201.3 Terms defined in other codes.
R201.4 Terms not defined.	<i>Replace with:</i>	R201.4 Terms not defined.
R202 - Definitions	<i>Amend to include:</i>	R202 Definitions. All Oregon definition updates, including references to other codes.
CHAPTER 3 - BUILDING PLANNING		
R301 - DESIGN CRITERIA		
TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA	<i>Replace with:</i>	TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA
TABLE R301.2(2) SEISMIC DESIGN CATEGORIES	<i>Replace with:</i>	TABLE R301.2(2) SEISMIC DESIGN CATEGORIES
TABLE R301.2(4)A&B REGIONS WHERE WIND DESIGN IS REQUIRED	<i>Replace with:</i>	TABLE R301.2(4) OREGON BASIC WIND SPEEDS FOR 50-YEAR MEAN RECURRENCE INTERVAL
R301.2.2 Seismic provisions.	<i>Replace with:</i>	R301.2.2 Seismic provisions.
R301.2.2.1 Determination of seismic design category.	<i>Replace with:</i>	R301.2.2.1 Determination of seismic design category.
R302 - FIRE-RESISTANT CONSTRUCTION		
TABLE R302.1(1) EXTERIOR WALLS	<i>Replace with:</i>	TABLE R302.1 EXTERIOR WALLS
R302.2 Townhouses. Including all subsections.	<i>Replace with:</i>	R302.2 Townhouses. Including all subsections.
None	<i>Amend to include:</i>	FIGURE R302.2(a) through FIGURE R302.2.10
R302.4 Dwelling unit rated penetrations. Including all subsections.	<i>Replace with:</i>	R302.4 Dwelling unit rated penetrations. Including all subsections.
R302.5 Dwelling/garage opening/penetration protection. Including all subsections.	<i>Replace with:</i>	R302.5 Dwelling/garage opening/penetration protection. Including all subsections.
R302.6 Dwelling/garage fire separation. Including all subsections.	<i>Replace with:</i>	R302.6 Dwelling/garage fire separation. Including all subsections.

2015 IRC Section/Table/Figure	Action	2014 ORSC Section/Table/Figure
R302.7 Under-stair protection.	<i>Replace with:</i>	R302.7 Under-stair protection. Including Exception.
None	<i>Amend to include:</i>	FIGURE R302.3.2.1 MEMBRANE PENETRATIONS FOR MODIFIED 2-HOUR WALLS
R303 - LIGHT, VENTILATION AND HEATING		
R303.3 Bathrooms. Including all subsections.	<i>Replace with:</i>	R303.3 Toilet and bathing facilities ventilation. Including all subsections.
R305 - CEILING HEIGHT		
R305.1 Minimum height. Including all subsections.	<i>Replace with:</i>	R305.1 Minimum height. Including all subsections.
R307 - TOILET, BATH AND SHOWER SPACES		
FIGURE R307.1 MINIMUM FIXTURE CLEARANCES	<i>Replace with:</i>	FIGURE R307.1 MINIMUM FIXTURE CLEARANCES
R311 - MEANS OF EGRESS		
R311.7 Stairways. Including all subsections.	<i>Replace with:</i>	R311.7 Stairways. Including all subsections.
R313 AUTOMATIC FIRE SPRINKLERS SYSTEMS. Including all subsections.	<i>Not adopted by the State of Oregon</i>	N/A
R314 SMOKE ALARMS. Including all subsections.	<i>Replace with:</i>	R314 SMOKE ALARMS. Including all subsections.
R315 CARBON MONOXIDE ALARMS. Including all subsections.	<i>Replace with:</i>	R315 CARBON MONOXIDE ALARMS. Including all subsections.
None	<i>Amend to include:</i>	R318 MOISTURE CONTROL. Including all subsections.
SECTION R319 SITE ADDRESS	<i>Replace with:</i>	SECTION R319 SITE ADDRESS
R320 ACCESSIBILITY. Including all subsections.	<i>Replace with:</i>	R320 ACCESSIBILITY
R321 ELEVATORS AND PLATFORM LIFTS. Including all subsections.	<i>Replace with:</i>	R321 ELEVATORS AND PLATFORM LIFTS. Including all subsections.
R322 FLOOD-RESISTANT CONSTRUCTION		
R322.1.9 Manufactured homes. Including all subsections.	<i>Replace with:</i>	R322.1.9 Manufactured homes.
R324 SOLAR ENERGY SYSTEMS. Including all subsections.	<i>Replace with:</i>	OSSC SECTION 3111 SOLAR PHOTOVOLTAIC PANELS/MODULES. Including all subsections.
None	<i>Amend to include:</i>	R324 WILDFIRE HAZARD MITIGATION. Including all subsections.

2015 IRC Section/Table/Figure	Action	2014 ORSC Section/Table/Figure
R326 SWIMMING POOLS, SPAS AND HOT TUBS	<i>Replace with:</i>	APPENDIX G SWIMMING POOLS, SPAS AND HOT TUBS
CHAPTER 4 - FOUNDATIONS		
None	<i>Amend to include:</i>	R403.1.7 Grounding electrodes. <i>Including all subsections.</i>
CHAPTER 5 - FLOORS		
None	<i>Amend to include:</i>	R501.3 Fire protection of floors. <i>Including all subsections.</i>
CHAPTER 7 - WALL COVERING		
R703 EXTERIOR COVERING		
R703.1.1 Water resistance. <i>Including all subsections.</i>	<i>Replace with:</i>	R703.1.1 Exterior wall envelope. <i>Including all subsections.</i>
R703.4 Flashing. <i>Including all subsections.</i>	<i>Replace with:</i>	R703.8 Flashing. <i>Including all subsections.</i>
None	<i>Amend to include:</i>	FIGURE R703.8(1) KICK-OUT FLASHING
R703.12 Adhered masonry veneer installation. <i>Including all subsections.</i>	<i>Replace with:</i>	R703.12 Adhered masonry veneer installation. <i>Including reference to ORS 701.555</i>
CHAPTER 8 - ROOF-CEILING CONSTRUCTION		
None	<i>Amend to include:</i>	R801.4 Drainage control.
R802 WOOD ROOF FRAMING		
TABLE R802.11 RAFTER OR TRUSS UPLIFT CONNECTION FORCES FROM WIND (asd) (POUNDS PER CONNECTION)	<i>Replace with:</i>	TABLE R802.11 REQUIRED STRENGTH OF TRUSS OR RAFTER TIE-DOWN CONNECTION TO RESIST WIND UPLIFT FORCES
R806 ROOF VENTILATION		
R806.5 Unvented attic and unvented enclosed rafter assemblies. <i>Including all subsections.</i>	<i>Replace with:</i>	R806.4 Unvented attic assemblies. <i>Including all subsections.</i>
CHAPTER 9 - ROOF ASSEMBLIES		
R902 FIRE CLASSIFICATION		
R902.3 Building-integrated photovoltaic product.	<i>Replace with:</i>	OSSC SECTION 3111 SOLAR PHOTOVOLTAIC PANELS/MODULES. <i>Including all subsections.</i>

2015 IRC Section/Table/Figure	Action	2014 ORSC Section/Table/Figure
R902.4 Rooftop-mounted photovoltaic panels and modules.	<i>Replace with:</i>	OSSC SECTION 3111 SOLAR PHOTOVOLTAIC PANELS/MODULES. <i>Including all subsections.</i>
R907 ROOFTOP-MOUNTED PHOTOVOLTAIC SYSTEMS. <i>Including all subsections.</i>	<i>Replace with:</i>	OSSC SECTION 3111 SOLAR PHOTOVOLTAIC PANELS/MODULES. <i>Including all subsections.</i>
R909 ROOFTOP-MOUNTED PHOTOVOLTAIC PANEL SYSTEMS. <i>Including all subsections.</i>	<i>Replace with:</i>	OSSC SECTION 3111 SOLAR PHOTOVOLTAIC PANELS/MODULES. <i>Including all subsections.</i>
R908 REROOFING		
R908.1 General		
None	<i>Amend to include:</i>	R907.1.1 Ventilation.
R908.3.1.1 #3. roof re-cover	<i>Replace with:</i>	R907.3 Recovering versus replacement. #3
CHAPTER 12 – MECHANICAL ADMINISTRATION		
M1201 GENERAL		
M1201.1 Scope. <i>Including all subsections.</i>	<i>Replace with:</i>	M1201.1 Scope. <i>Including all subsections.</i>
CHAPTER 13 – GENERAL MECHANICAL SYSTEM REQUIREMENTS		
M1307 APPLIANCE INSTALLATION		
M1307.3.1 Protection from impact.	<i>Replace with:</i>	M1307.3.1 Protection from impact.
None	<i>Amend to include:</i>	FIGURE M1307.1 ILLUSTRATIONS OF NORMAL VEHICLE PATH AND RECOMMENDED TYPES OF PROTECTION
M1308 MECHANICAL SYSTEMS INSTALLATION		
None	<i>Amend to include:</i>	M1308.3 Foundations and supports. <i>Including exception.</i>
None	<i>Amend to include:</i>	M1309 PIPING SUPPORT. <i>Including all subsections and TABLE M1309.4 PIPING SUPPORTS.</i>
CHAPTER 14 – HEATING AND COOLING EQUIPMENT		
M1411 HEATING AND COOLING EQUIPMENT		
M1411.3.2 Drain pipe materials and sizes.	<i>Replace with:</i>	M1411.3.2 Drain pipe materials and sizes.
M1411.6 Insulation of refrigerant piping.	<i>Replace with:</i>	M1411.5 Insulation of refrigerant piping.

2015 IRC Section/Table/Figure	Action	2014 ORSC Section/Table/Figure
CHAPTER 15 – EXHAUST SYSTEMS		
M1502 CLOTHES DRYER EXHAUST		
None	<i>Amend to include:</i>	M1502.6 Exhaust penetrations.
None	<i>Amend to include:</i>	M1502.7 Makeup air.
M1503 RANGE HOODS		
M1503.1 Duct material.	<i>Amend to delete Exception.</i>	N/A
M1507 MECHANICAL VENTILATION. <i>Including all subsections and Tables.</i>	<i>Replace with:</i>	M1507 MECHANICAL VENTILATION. <i>Including all subsections and Tables.</i>
CHAPTER 16 – EXHAUST SYSTEMS		
M1601 DUCT CONSTRUCTION		
M1601.1 Duct design.		
M1601.1.1 Above-ground duct systems.		
<i>#5. The use of gypsum products...</i>	<i>Amend to delete:</i>	N/A
<i>#7. Duct systems....</i>	<i>Amend to delete:</i>	N/A
None	<i>Amend to include:</i>	M1601.1.1.1 Use of building cavities in new construction.
None	<i>Amend to include:</i>	M1601.1.1.2 Use of building cavities in existing buildings. <i>Including all subsections.</i>
CHAPTER 18 – CHIMNEYS AND VENTS		
M1801 GENERAL		
M1801.1.1 Enclosing of venting systems.		
None	<i>Amend to include:</i>	M1801.1.1 Enclosing of venting systems.
CHAPTER 21 – HYDRONIC PIPING		
M2103 FLOOR HEATING SYSTEMS		
M2103.4 Testing.	<i>Amend to include:</i>	Exception: Continuous loop systems...
None	<i>Amend to include:</i>	M2103.5 Pressurizing during installation.

2015 IRC Section/Table/Figure	Action	2014 ORSC Section/Table/Figure
CHAPTER 23 – SOLAR THERMAL ENERGY SYSTEMS		
M2301 THERMAL SOLAR ENERGY SYSTEMS		
M2301.1 General.	<i>Replace with:</i>	M2301.1 General.
M2301.7 Solar thermal systems for heating potable water. Including all subsections.	<i>Not adopted by the State of Oregon</i>	N/A
CHAPTER 24 – FUEL GAS		
2014 ORSC Chapter 24 shall replace the 2015 IRC Chapter 24 in its entirety.		
CHAPTERS 25 through 33 - Plumbing		
	<i>Not adopted by the State of Oregon</i>	<i>See 2014 Oregon Plumbing Specialty Code.</i>
CHAPTERS 34 through 43 - Electrical		
	<i>Not adopted by the State of Oregon</i>	<i>See 2014 Oregon Electrical Specialty Code.</i>
APPENDIX CHAPTERS		
A - SIZING AND CAPACITIES OF GAS PIPING	<i>Not adopted by the State of Oregon</i>	N/A
B - SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPPED WITH DRAFT HOODS, CATEGORY I APPLIANCES, AND APPLIANCES LISTED FOR USE WITH TYPE B VENTS	<i>Not adopted by the State of Oregon</i>	N/A
C - EXIT TERMINALS OF MECHANICAL DRAFT AND DIRECT-VENT VENTING SYSTEMS	<i>Not adopted by the State of Oregon</i>	N/A
D - RECOMMENDED PROCEDURE FOR SAFETY INSPECTION OF AN EXISTING APPLIANCE INSTALLATION	<i>Not adopted by the State of Oregon</i>	N/A
E - MANUFACTURED HOUSING USED AS DWELLINGS	<i>Replace with:</i>	E - MANUFACTURED HOUSING USED AS DWELLINGS
F - PASSIVE RADON GAS CONTROLS	<i>Replace with:</i>	F - RADON CONTROL METHODS
G - PIPING STANDARDS FOR VARIUS APPLICATIONS	<i>Not adopted by the State of Oregon</i>	N/A
None	<i>Amend to include:</i>	G - SWIMMING POOLS, SPAS AND HOT TUBS
H - PATIO COVERS	<i>Replace with:</i>	H - PATIO COVERS

2015 IRC Section/Table/Figure	Action	2014 ORSC Section/Table/Figure
I - PRIVATE SEWAGE DISPOSAL	<i>Not adopted by the State of Oregon</i>	N/A
J - EXISTING BUILDINGS AND STRUCTURES	<i>Not adopted by the State of Oregon</i>	N/A
K - SOUND TRANSMISSION	<i>Replace with:</i>	K - SOUND TRANSMISSION
L - PERMIT FEES	<i>Not adopted by the State of Oregon</i>	N/A
M - HOME DAY CARE - R-3 OCCUPANCY	<i>Not adopted by the State of Oregon</i>	N/A
N - VENTING METHODS	<i>Not adopted by the State of Oregon</i>	N/A
O - AUTOMATIC VEHICULAR GATES	<i>Not adopted by the State of Oregon</i>	N/A
P - SIZING OF WATER PIPING SYSTEM	<i>Not adopted by the State of Oregon</i>	N/A
R - LIGHT STRAW-CLAY CONSTRUCTION	<i>Replace with:</i>	R - STRAW-BALE STRUCTURES
S - STRAW-BALE CONSTRUCTION	<i>Replace with:</i>	R - STRAW-BALE STRUCTURES
T - RECOMMENDED PROCEDURE FOR WORST-CASE TESTING OF ATMOSPHERIC VENTING SYSTEMS UNDER N1102.4 OR N1105 CONDITIONS \leq 5ACH50	<i>Not adopted by the State of Oregon</i>	N/A
None	<i>Amend to include:</i>	T - DWELLING UNIT FIRE SPRINKLER SYSTEMS
U - SOLAR-READY PROVISIONS - DETACHED ONE- AND TWO-FAMILY DWELLINGS, MULTIPLE SINGLE- FAMILY DWELLINGS (TOWNHOUSES)	<i>Not adopted by the State of Oregon</i>	N/A