

FAX TRANSMITTAL

1 February 2013

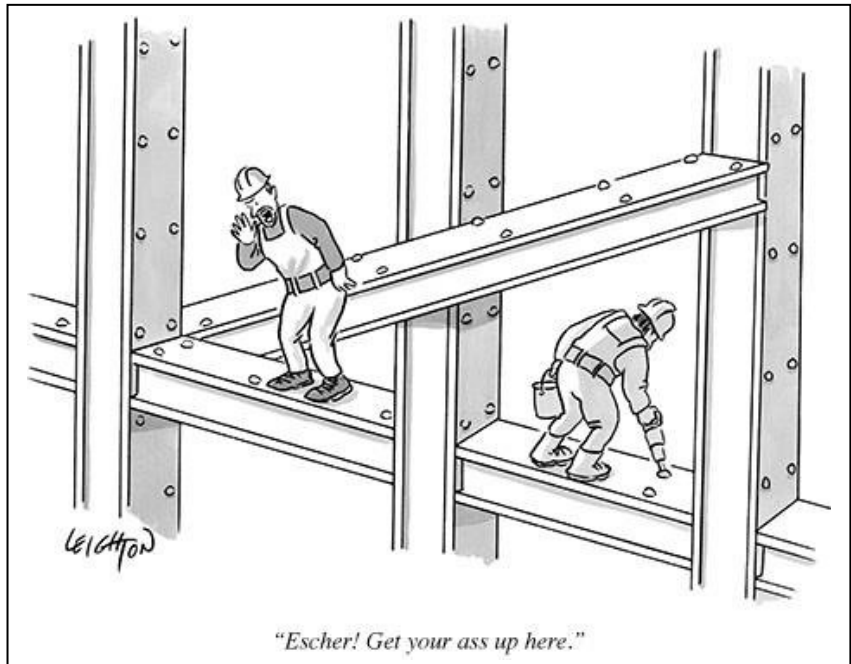
To: Undisclosed Recipients

Re: 2010 OSSC Update
Volume 1/ 2013

2 pages sent

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Too good to pass unnoticed...



Just so you know; this won't take effect for some number of years. However, it could possibly help in the case of needing an Alternate Method. If one applied...

The Code Council Board of Directors supported the Membership's recommendation and upheld action taken at the 2012 Public Comment Hearing in Portland on Code Change G201-12 that proposed the deletion of Chapter 34 of the *International Building Code* (IBC) in favor of a reference to the *International Existing Building Code* (IEBC). The IEBC, in Chapters 4 (Prescriptive Compliance Method) and 14 (Performance Compliance Methods), includes the same provisions that are in Chapter 34 of the IBC.

The provisions of Chapters 4 and 14 of the IEBC, as a duplication of the provisions of Chapter 34 of the IBC, fall under the maintenance responsibility of the IBC — General Code Committee (see the [B] in the IEBC), which were considered in the 2012 Cycle. As such, any changes which resulted from the 2012 Cycle will be incorporated into the **2015 IEBC** and the **2015 IBC** will no longer include Chapter 34 entitled Existing Structures.

Radon mitigation measures affecting public buildings have been adopted by the State of Oregon.

These rules are effective for new public buildings submitted for plan review on or after April 1, 2013.

Senate Bill 1025, approved by the 2010 Legislature, requires the Building Codes Structures Board to adopt radon mitigation standards for certain types of new residential buildings and new public buildings. Radon mitigation standards adopted by these rules amend the 2010 OSSC. These requirements are applicable in Baker, Clackamas, Hood River, Multnomah, Polk, Washington and Yamhill Counties.

Amendment Index:

1. Section 110.3.11 Radon Mitigation Inspections
2. Section 1811 Radon Control Methods, Public Buildings
3. Section 1704.17 Special Inspections – Radon Mitigation
4. Chapter 35 Referenced Standards for Radon Mitigation

pdf versions of the new Code pages can be downloaded here:

http://www.oregonbcd.org/programs/structural/notices/2013_OSSC_Radon_Formatted_Insert_Pages_010213.pdf

The easiest[?] way to avoid the need for piping from the crawlspace to the roof is to ventilate the building per the following Exception:

6. Buildings equipped with a mechanical ventilation system providing a minimum outside air rate of 20% and a ventilation rate of:
 - a. 6 air changes per hour, or
 - b. 1 cfm per square foot of floor area

Beyond the above, the solution[s] are rather complex; including several new required inspections, which will impact scheduling...

In the ongoing battle to provide non-engineered engineering for residential structures, the Building Codes Division has published the following information:

Purpose:

To allow the use of the 2008 Oregon Residential Specialty Code [ORSC] wall bracing provisions as an alternative method to the wall bracing provisions of the 2011 ORSC.

Background:

The 2011 ORSC, based on the 2009 IRC, was adopted and became effective on July 1, 2011. The alternate method will allow designs to voluntarily comply with the 2008 ORSC wall provisions as an equivalent bracing method comparative to the wall bracing provisions in the 2011 ORSC.

This coincides with the new Residential Seismic Strengthening Methods to Reduce Potential Earthquake Damage provisions adopted by the City of Portland:

The intent is to provide a prescriptive method for one, two and three story one and two family residential buildings if they meet the following criteria:

- One and two family dwellings
- Buildings not over 3 stories in height. In 3 story buildings, cripple wall stud height shall be a maximum of 14 inches.
- Cripple walls not exceed 4 feet in height in one and two story buildings.
- Continuous concrete foundation around the entire building perimeter.
- Foundation sub grade not steeper than 3 horizontal to 1 vertical at any point.

You will need to hire an engineer or architect to design improvements to buildings that do not meet all of the above listed criteria. You will need to hire an engineer or architect when you have special conditions like a stone or brick foundation, poor quality concrete, cripple walls more than four feet in height, or your home is built without a continuous foundation or on a grade steeper than three horizontal to one vertical.

MJ Arts is a State-licensed Plan Reviewer and Structural Inspector; and is available to assist you with your plan review needs. **MJ Arts** can provide you with timely plan review and Code interpretation information. For email information, contact:

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Telephone/FAX/e-mail consulting services are available on an hourly, monthly or contract basis for architects, designers and construction professionals. Contact me for more information.

Marty Jones is an ICC-certified and State of Oregon-licensed Plans Examiner and Structural Inspector, with 14 years of experience working for the City of Portland as a Building Plans Examiner.

MJ Arts was created in 1998 to provide the professional construction community with a source of Building Code and architectural information that will enable them to be better-prepared for working with the governmental bodies that enforce regulations pertaining to the construction industry.