

From: materialreuse . <materialreuse@gmail.com>
Sent: Friday, September 27, 2019 7:22 AM
To: DES SBCC <sbcc@des.wa.gov>
Subject: Letter of support IRC amendment new section R602.1.1.1

September 27, 2019
Mr. Doug Orth
1500 Jefferson St SE, Olympia, WA 98504
Email: SBCC@des.wa.gov

Dear Mr. Orth,

I am writing to support the proposed amendment to the State of Washington International Residential Code in the new section **"R602.1.1.1 Used sawn lumber"**.

I was founder and past-president of the Building Materials Reuse Association; have been Chair of the US Green Building Council LEED Materials and Resources Technical Advisory Group; a member of the American Society of Testing and Materials (ASTM) E-60 Sustainability; and was most recently the Director of the M.S. in Sustainable Design Program in the School of Architecture at The Catholic University of America, Washington, DC. I am also a licensed architect in the State of Florida.

Over approximately 25 years I have conducted extensive research on building deconstruction and the reuse of building materials, including "re-grading" of salvaged lumber. While some potential loss of strength can occur while in-service, much reclaimed lumber is of higher quality than current lumber, and of course older actual dimensional lumber has a larger cross-section than newer nominal lumber providing additional strength or safety factor.

Reclaimed lumber from existing buildings is a very large resource that can provide a readily available stock for renovation and new construction of residential buildings without compromising health, safety and welfare any more than new lumber, when used correctly.

Thank you for your consideration,

Brad Guy, Architect, NCARB, AIA
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4101 Albemarle Street NW Unit 618
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