



AIA SOUTHWESTERN OREGON

April 17, 2015

Senate Committee on Education  
Salem, Oregon

92 E. Broadway, Eugene, OR 97401  
A Chapter of The American Institute of Architects

Oregon has long been a leader in sustainable design and planning. Portland is known internationally as one of the most sustainable cities in the United States, and in recent decades the state has become a hub for innovative, sustainable architecture. The University of Oregon's Department of Architecture, ranked #1 in the United States for Sustainable Design, has been a leader in the Pacific Northwest in developing strategies for passive heating and cooling, increasing daylight and reducing energy use in buildings, and has been recognized internationally for its work in this area.

The state now has an opportunity to make Oregon the center in the United States for innovative and sustainable buildings using new, engineered wood products capable of being manufactured in the state. Products such as cross laminated timber are routinely used in Europe, and are gaining acceptance in Canada and across Asia and Australia. These new wood products sequester carbon and can considerably reduce the carbon footprints of buildings much larger than those that can currently be built of traditional wood frame construction. Digital and robotic manufacturing of these new products are creating building components that can be manufactured and assembled very efficiently, minimizing waste, and improving time and cost of construction.

The United States has been lagging behind international developments in what is becoming known as "mass timber" building design. There have been challenges in this country in testing new materials and their applications and establishing their performance capabilities in order to satisfy building safety code requirements. With Oregon's history with timber products and sustainable design practices, there is an amazing opportunity to make Oregon the U.S. leader in this emerging field. We are very excited about the collaboration between the University of Oregon's School of Architecture & Allied Arts and Oregon State University's Colleges of Forestry and Engineering. Bringing together architects, wood scientists and engineers in a research center that will be able to develop new materials, find new applications for them, and partner with architects and engineers to test them on projects will be a huge competitive advantage for both Oregon design professionals and Oregon manufacturers of these products. It will also build on Oregon's reputation for cutting edge sustainable design, by using wood products in new and innovative ways. This is a natural confluence of proud professions in our state that will now partner with our Universities to achieve a competitive advantage in exciting new markets.

We strongly support the funding of the new National Center for Advanced Wood Products Manufacturing and Design.

Sincerely,

Jenna L. Fribley, AIA, LEED AP  
2015 President, AIA-Southwestern Oregon

# AIA Oregon

A Chapter of the American Institute of Architects



April 15, 2015

Senate Committee on Education  
Support for Senate Bill 950

Oregon has long been a leader in sustainable design and planning. Portland is known internationally as one of the most sustainable cities in the United States, and in recent decades the state has become a hub for innovative, sustainable architecture. The University of Oregon's Department of Architecture, ranked #1 in the United States for Sustainable Design, has been a leader in the Pacific Northwest in developing strategies for passive heating and cooling, increasing daylight and reducing energy use in buildings, and has been recognized internationally for its work in this area.

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Sincerely,

A handwritten signature in black ink, appearing to read "Roderick Ashley".

Roderick Ashley AIA  
President, AIA Oregon

April 17, 2015

Senate Committee on Education  
Salem, Oregon

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GERDING EDLEN  
PEOPLE · PLANET · PROSPERITY

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Sincerely,

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PORTLAND, OR 97209

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LEVER ARCHITECTURE



April 15, 2015

Senator Arnie Roblan  
Senator Tim Knopp  
Senate Committee on Education  
Oregon State Capitol  
Salem, Oregon

RE: Senate Bill 950

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Sincerely,

Kent Duffy, FAIA  
Principal, LEED AP BD+C  
SRG PARTNERSHIP, INC

Thomas F. Robinson  
Principal, LEVER Architecture

David Keltner  
Principal, AIA, LEED AP