



Award of Merit

Wood Innovation and Design Centre – Owner's Technical Representative



Consultant

Associated Engineering *and*
Applied Engineering Solutions Ltd.

Owner

Province of British Columbia


Client

Partnerships BC

Category

Soft Engineering

For more information, please contact:

Jennifer Voss, P.Eng.
Associated Engineering
 (604) 293-1411
vossj@ae.ca

Completed in fall 2014, the iconic six-storey Wood Innovation and Design Centre in Prince George, BC is the tallest, multi-use wood building in North America.

Representing the Government of British Columbia, Partnership BC wished to push the boundaries of what was possible under the Building Code for wood construction. Partnerships BC retained Associated Engineering and Applied Engineering Solutions as part of the Owner's Technical Team to provide guidance and advice during the business case development phase of this design-build project.

Our team developed the first Site-Specific Regulation and Building Code Compliance Strategy, addressing structural and electrical engineering implications, vibration, acoustic, safety, risk, and practical considerations of using wood solutions for tall and multi-use structures. As the Structural and Electrical Engineers for Partnerships BC, we developed Request for Proposal documents that satisfied stakeholders and met the vision of the BC Ministry of Jobs, Tourism, and Skills Training for this world class centre of excellence to support a strong, vibrant, sustainable forest industry in BC.

The site-specific regulations and code modifications facilitated design, construction and occupancy of the Wood Innovation and Design Centre, creating a legacy that contributes to the capacity for building future, large, non-residential, buildings using wood and innovative wood products in the province.

The successful delivery of the Wood Innovation and Design Centre further positions BC's global reputation as leaders in wood-based design and construction, promoting the province's innovative wood products. The commercialization of innovative wood products, technologies and building processes will provide benefits to the province and future generations.