

2014 WOOD DESIGN AWARDS - WINNER

Commercial Wood Design

Mike Mamzone, Ratio Architecture - Interior Design – Planning
Salmon Arm Savings and Credit Union - Uptown Branch, Salmon Arm, BC



*“Love how the wood is used where public experience is.
Exudes strength by showing strings of timber structure.
It feels like a walk in the forest.”*

- jury comments

The project’s predominant use of wood and wood building systems was primarily devised as a means of offsetting the carbon footprint of the project and allowed the project to utilize a very local labour pool of carpenters, trades and skill that contributed directly to the local manufacturing, supply chains and economy.

The design concept and material selection sought to connect the building and its function to the greater community through subtle references to the natural and man-made context of Salmon Arm. The large sweeping atrium space and angular roof, composed primarily of wood systems, are direct references to the famous pier in Salmon Arm and surrounding topography and provides a unifying design element across the north elevation.

The use of wood was instrumental in the project. The main atrium is a 220 sq.m. nail-laminated timber roof made of pine beetle reclaimed wood, supported by a system of Parallel Strand Lumber (PSL) columns. The entire second floor and roof structural framing utilizes innovative wood structural systems of glulam columns and beams and TJI joists systems. All interior framing of walls, partitions, soffits, parapets were composed of 100 per cent wood framing. Challenges arose through the complex geometries of the main atrium roof and innovative structural requirements it presented. Collaboration with local authorities to ensure all seismic and fire code challenges were met as well as integration with other building systems.

High resolution images available. Please e-mail mmclaughlin@wood-works.ca