Program of the Canadian Wood Council

2015 WOOD DESIGN AWARDS - WINNER

Multi-Unit Residential Wood Design

Eric Andreasen, Adera Development Corporation

Sail, Vancouver, BC

"The dynamic entrance canopy uses cleanly detailed glulam structural beams and striking wood soffits in this unified six-storey wood designed residential building."

- jury comments

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

This is the first six-storey wood-frame residential building on the UBC campus, featuring 172 urban apartment homes in two buildings over a two-level continuous concrete parkade. Not by coincidence, it is also the first project rated REAP Platinum, which is the university's proprietary sustainability certification program.

The trend-setting West Coast Modern architecture incorporates simple forms, clean lines and natural materials. Abundant usage of glulam structural beams provides a commanding entry canopy. Penthouse-level homes feature private West Coast rooftop lanais (terraces), offering an extension of outdoor living space. Abundant multi-terraced reflecting ponds providing drama and beauty leading up to glass lobby, extending through lush courtyard beyond.

Sail features extensive use of natural renewable building materials; the wood sequesters carbon, contains lower embodied energy and is up to eight times better than concrete at resisting thermal heat loss. Dimensional lumber and plywood was harvested from sustainably managed forests, meeting CSA Z809 criteria, and the optional hardwood flooring was FSC certified. This six-storey wood-frame project prompted in-depth analysis/review of Course of Construction Fire Safety Plan to further improve protocol/standards for minimizing risk to site, neighboring buildings, and staff. Double kiln dried plates reduced building shrinkage while solid wood elevator shafts eliminated differential settlement. Engineered truss joisting system used for floors maximizes efficiency of wood material.