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Mass Timber: Optimizing for Success in Multi-Family Residential

1 LEARNINGHOUR | AIBC 1 CORE LU | AIA 1 LU |
BC HOUSING 1 CPD INFORMAL

Summary:
Taller wood construction and the use of Mass Timber in Multi-Family Residential is becoming mainstream in North America, with an ever-growing number of projects being developed. Advancements in technology, advancements in engineered wood product manufacturing and on-site installation, and advancements in Building Codes offer new design benefits to architects and developers.
With a focus on Multi-Family Residential, this session will be presented by a world-renowned fabricator of complex structural timber components from British Columbia; a certified FSC manufacturer of Cross-Laminated Timber and Glulam beams and columns, who is setting the standard for Mass Timber manufacturers across North America. Learn more about Mass Timber building systems from a renewable and sustainable building material, to optimized structural performance, to coordinated on-site rapid assembly and superior aesthetic appeal.

This session will be presented by an industry professional from Structurlam Mass Timber Corporation.

Learning Objectives:
1. Gain knowledge on Mass Timber standards for performance-rated Cross-Laminated Timber (CLT) and Glue-lam, and its applied Digital Design and Manufacturing Technology.
2. Learn about Mass Timber building systems for Multi-Family Residential, including framing options and panel layouts.
3. Learn about Mass Timber design considerations for Multi-Family Residential, including Cross-laminated Timber floor assemblies, acoustical performance, fire performance, and built-in sustainability features.
4. Learn about Mass Timber as a Material History, its construction considerations and case studies, and its future in code and technical development.