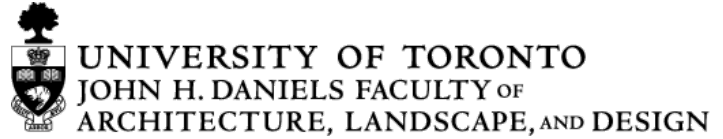


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News from MTI

Hello Mass Timber Colleagues!

Feature: Limberlost Place

After nearly 4 years of construction, Limberlost Place at George Brown College is preparing for occupancy. Representatives from MTI had previously toured the building when the building was in its final stages of construction, covered in our [November 2023 Newsletter](#). Since then, among many changes, a portion of the CLT structure has been tucked away under a raised floor system, and the building has been made occupiable.



Left: Limberlost Place exterior. Right: The Learning Landscape atrium. Image Credits: Sanjana Patel, Mass Timber Institute

The building is a 10 storey mass timber tower with a wide assortment of sustainability features on display. It's exposed mass timber elements are visible in the glulam columns and the CLT ceilings. To meet the long span demands of the classroom spaces, a hybrid timber and concrete structural "slab band" system was created. At the east and west facades, two solar chimneys span the height of the building, enabling passive ventilation through the building by creating heated air that pulls air from the interiors upward and out through vents. Double height spaces called "breathing rooms" are spread throughout the building adjacent to the solar chimneys to exchange air with the chimneys and let in light. These form the social spaces of the building, like the "learning landscape" atrium at the ground floor. Also important to the sustainability strategy are features that are less visible to occupants, such as the rooftop solar array, and connection to the deep lake water cooling district energy system. Further details about the integration of design and sustainability strategies are available in a [Sustainability Case Study by Moriyama and Teshima Architects](#).



View of the solar chimney from the interior. Image Credit: Sanjana Patel, Mass Timber Institute

Other Updates

- Construction of a prefabricated 9 storey mass timber housing project in Toronto has begun, designed and manufactured by B.C. startup Intelligent City. [Read more about the development here.](#)
- Two industrial buildings in Sudbury will be built out of mass timber. While the material choice was prompted by increased steel prices during the pandemic, the architect reports a similar environment is created by recent tariffs. [Read more here](#)
- The TSA will be hosting a webinar on Mass Timber Moisture Management on July 8th. [Learn more](#)

Mass Timber Institute Website



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