

## 2017 WOOD DESIGN AWARDS - WINNER

### International Wood Design

Michael Green, MGA | MICHAEL GREEN ARCHITECTURE, Vancouver

Steve Cavanaugh, DLR Group, Chicago, IL

T3, Minneapolis, Minnesota U.S.



*“An excellent example of how wood can be effectively used in projects traditionally using concrete and steel.”*

*- jury comments*

Photos – all Courtesy:  
Wood Design Awards in BC

High resolution images  
available. Please e-mail  
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T3, the largest modern mass timber building in North America, uses engineered wood components (chiefly glulam and nail-laminated timber) harvested from sustainably managed forests for the roof, floors, columns and beams, and furniture. A significant amount of the lumber used to fabricate the NLT (nail-laminated timber) comes from trees killed by the mountain pine beetle. These modern materials bring the warmth and beauty of wood to the interior, and promote a healthy indoor environment for occupants.

T3 was erected in less than 10 weeks, far less than conventional steel-framed or concrete buildings. The timber structure weighs about one-fifth of a comparable concrete structure and the embodied carbon in the building’s wood structural system is lower than that in conventional buildings found in that region.

The entire timber structure was intentionally left exposed, with interior lighting directed up to the ceiling. At night, the illuminated wood glows through the large industrial openings, making the wood superstructure highly visible to the public view.

The texture of the exposed NLT is also quite beautiful. The small imperfections in the lumber and slight variation in colour of the mountain pine beetle wood only add to the warmth and character of the new space. The use of wood is celebrated throughout the building.