



ELEMENT5  
MODERN TIMBER BUILDINGS

# ONTARIO WOOD

Element5 is proud to be the only CLT and Glulam manufacturer making mass timber products in Ontario with Ontario wood.

## WHY ONTARIO WOOD?

- Renewable Resource
- Sustainably Managed
- Reduced Transportation Costs
- Lower Embodied Energy
- Supports Jobs & Communities

# ONTARIO WOOD



Element5 is on a mission to improve lives and communities, while simultaneously doing our part to sustain the environment, by designing, supplying and assembling innovative and sustainable mass timber buildings made with Ontario wood products.

## ES's PRODUCTS THAT USE ONTARIO LUMBER:

- CLT (Cross-Laminated Timber)
- CLIPs (Cross-Laminated Insulated Panels)
- BOXX Panels (floor / roof cassettes)
- Glulam
- NLT (Nail-Laminated Timber Panels)



## CONTACT US:

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## A SUSTAINABLE, LOCALLY-SOURCED BUILDING SOLUTION:

The environmental benefits of building with wood are well documented. Of the three principal building materials used today, wood is the only one that is renewable.

From an ecological standpoint, wood is also the only material that can provide a net carbon benefit, helping mitigate climate change by providing long-term storage for atmospheric carbon. In a word, wood is the 'sustainable' choice. But how sustainable is it?

Ensuring sustainability begins in the forest with responsible forest management practices. In Ontario we have virtually zero deforestation because we harvest only a fraction of one percent of the forest each year and renewal of the forest is required by law. Three trees are planted for every tree that is harvested and our forest management standards are recognized among the best in the world.

We are also world leaders when it comes to forest certification. Our partner mills in Northern Ontario hold several certifications for responsible forest management including the Forest Stewardship Council® (FSC®), the Sustainable Forestry Initiative® (SFI®) and the Rain Forest Alliance.

We are proud to partner with mills that protect the environment and support diverse forest values and inclusive community outcomes. White River Forest Products, a key lumber supplier for our mass timber products, is a community-based venture between the Netamisakomik Anishinabek, the White River EDC, and private investors.

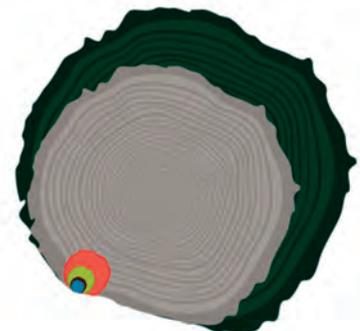
When we build with Ontario wood products, we can be confident we are not only building sustainably, but also supporting jobs and forest-dependent communities, and contributing to innovation and advancement in the value-added wood sector.



In addition to providing the most sustainable construction option, mass timber products are well-suited to prefabrication. Factory-built and volumetric solutions can offer many advantages including cost savings, rapid assembly, fewer inconveniences for nearby residents during construction (less noise, fewer lane closures) improved worker safety, freedom from the negative impacts of bad weather conditions, and consistent, high-quality results.

## ONTARIO FORESTRY REPRESENTATION

The Ontario Forest Disturbances 2009-2013 graphic is an outtake from "The State of Ontario's Natural Resources - Forests 2016" published by the OMNRF



- **71 million** hectares of forest
- **43 million** hectares of managed Crown forest area
- **1.1 million** hectares damaged by natural weather disturbances (annual average)
- **0.45 million** hectares damaged by insects and disease (annual average)
- **0.18 million** hectares burned by forest fires (annual average)
- **0.11 million** hectares of forest harvested (annual average)

COST CONSULTING



DESIGN CONSULTING



ENGINEERING



FABRICATION



ASSEMBLY

