WE SECURE PLACES—URBAN, RURAL & WILD—that are keystones of a sustainable future for all.
COMMON CLT APPLICATIONS

CLT IS COMMONLY USED FOR LONG SPANS IN WALLS, FLOORS, AND ROOFS

CLT SIZING

FINISHED PANELS ARE TYPICALLY 2 TO 10 FEET WIDE, WITH LENGTHS UP TO 60 FEET AND THICKNESS UP TO 20 INCHES

WIDTHS UP TO 18 FEET AND LENGTHS UP TO 98 FEET ARE POSSIBLE, BUT UNCOMMON
LIGHTWEIGHT BUT STRONG
FAST INSTALLATION
DESIGN FLEXIBILITY
SMALLER, QUIETER WORK SITES
SUPPORTS OUR RURAL ECONOMIES

HELPS US MEET CITIES’ DESIRED GROWTH TARGETS

POTENTIAL CARBON BENEFITS WHEN RESPONSIBLY SOURCED

SUPPORTS FOREST RESTORATION
TALL WOOD BUILDING DEMAND
CLT DEMAND STUDY FOR THE PACIFIC NORTHWEST

PREDICTS VOLUME OF FINISHED CLT PRODUCT BASED ON PROJECTED CONSTRUCTION WITHIN THE PACIFIC NORTHWEST BETWEEN 2016-2035.

6-12 MILLION CUBIC FEET ANNUALLY FOR 4+ STORY CONSTRUCTION TYPES BY 2035.

PREDICTED DEMAND FOR SOFTWOOD LUMBER TO MANUFACTURE CLT PANELS REPRESENTS LESS THAN 1% IN THE ANNUAL PACIFIC NORTHWEST TIMBER HARVEST.
PNW demand could support at least four small- to mid-sized CLT plants producing 20,000-50,000 cubic meters per year each.

A CLT-based industry would support timber harvesting, sawmilling, and value-added wood industry jobs in resource-dependent communities.

Plus, downstream opportunities, notably across advanced manufacturing, engineering, architecture, and construction sectors.
<table>
<thead>
<tr>
<th>Required Fire Endurance (hr.)</th>
<th>Effective Char Depths, $a_{\text{char}}$ (in.)</th>
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<td>lamination thicknesses, $h_{\text{lam}}$ (in.)</td>
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<td>IV-A</td>
<td>18 Stories</td>
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<tr>
<td>IV-B</td>
<td>12 Stories</td>
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<tr>
<td>IV-C</td>
<td>9 Stories</td>
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</tbody>
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**Business Occupancy [Group B]**

Building floor-to-floor heights are shown at 12'-0" for all examples for clarity in comparison between 2015 to 2021 IBC codes.
ICC AD-HOC TALL WOOD COMMITTEE ➔
2021 IBC UPDATES

SB5450: REQUIRES STATE BUILDING CODE COUNCIL TO ADOPT RULES FOR MASS TIMBER

STATE AND LOCAL LEVEL CODE ADOPTION
PRODUCTION & SUPPLY
LOOKING FORWARD

USFS WOOD INNOVATIONS GRANT

CONTINUED STATE LEVEL EFFORTS

INCENTIVIZE ADOPTION IN CITIES