WoodWorks Mass Timber Construction Management Program

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MASS TIMBER OVERVIEW
Glue Laminated Timber (Glulam)
Beams & columns

Cross-Laminated Timber (CLT)
Solid sawn laminations

Cross-Laminated Timber (CLT)
SCL laminations

Photo: StructureCraft
Photo: LendLease
Photo: LEVER Architecture
Dowel-Laminated Timber (DLT)

Nail-Laminated Timber (NLT)

Glue-Laminated Timber (GLT)
Plank orientation

Photos: StructureCraft, Think Wood, StructureCraft, Manasc Isaac Architects/Fast + Epp
Mass Timber Projects In Design and Constructed in the US (June 2021)

Considering mass timber for a project? Ask us anything.
For free project support, contact:
help@woodworks.org
woodworks.org/project-assistance
Obstacles Preventing the Increased Adoption of Sustainable Mass Timber

A study of 84 projects that could not clear the hurdles

Report created for ClimateWorks
By WoodWorks – Wood Products Council
# Mass Timber Obstacles Report Results

<table>
<thead>
<tr>
<th>Obstacle</th>
<th>Number of Times Noted</th>
<th>Percent of Projects That Experienced This Issue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost</td>
<td>42</td>
<td>50%</td>
</tr>
<tr>
<td>Lack of general contractor/installer experience</td>
<td>32</td>
<td>38%</td>
</tr>
<tr>
<td>Design limitations</td>
<td>31</td>
<td>37%</td>
</tr>
<tr>
<td>Design team education needed</td>
<td>18</td>
<td>21%</td>
</tr>
<tr>
<td>Comparative business case needed</td>
<td>14</td>
<td>17%</td>
</tr>
<tr>
<td>Building code</td>
<td>14</td>
<td>17%</td>
</tr>
<tr>
<td>Lack of owner/developer familiarity</td>
<td>10</td>
<td>12%</td>
</tr>
<tr>
<td>Material supply/manufacturing</td>
<td>9</td>
<td>11%</td>
</tr>
<tr>
<td>Design too far along to switch</td>
<td>9</td>
<td>11%</td>
</tr>
<tr>
<td>Project did not go forward at all</td>
<td>7</td>
<td>8%</td>
</tr>
<tr>
<td>Durability</td>
<td>4</td>
<td>5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>190</strong></td>
<td><strong>84 Projects</strong></td>
</tr>
</tbody>
</table>
WoodWorks Construction Management Program

• The WoodWorks CMP seeks to engage and educate contractors to improve bid quality and increase the number of projects that come to market. We also seek to train installation labor through partnerships with training centers around the country.
MASS TIMBER CONSTRUCTION MANUAL

FINAL DRAFT
Pending Release
MASS TIMBER CONSTRUCTION MANUAL

8- & 16-HOUR INSTALLER TRAINING PACKAGE TRAINING CENTERS

COMMUNITY COLLEGE AND UNIVERSITY PROGRAMS

VIRTUAL AND/OR IN-PERSON WORKSHOPS

PARTNER WITH CONSTRUCTION ASSOCIATIONS

PROJECT TOURS

ENGAGE WITH GENERAL CONTRACTORS ACROSS THE US
Results to date...

- WoodWorks sponsored training programs....
  - 3 Established Training Centers currently
  - Installer training agreements with 4 additional locations with additional locations pending
  - Over 3500 hours of hands on training
- Construction Management Workshops 2019 – 2021
  - 216 attendees at in-person regional events (Pre COVID)
  - 1050+ attendees at nationally distributed virtual events this year
We’re stronger together.

Our network of affiliated professionals offer a wealth of shared knowledge, expertise, and opportunity for growth. Find experienced professionals who share a mutual interest in the future of timber design and construction.

ARCHITECTS

ENGINEERS

CONTRACTORS

INSTALLERS

DEVELOPERS

VIEW ALL
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