



Working Wonders with Wood



San Mateo County Office Building 3 | Redwood City, CA

CLT/Mass Timber Division

CLT/MASS
TIMBER

TIMBER
BRIDGES

EXISTING TIMBER
STRUCTURES

GLULAM &
HEAVY TIMBER

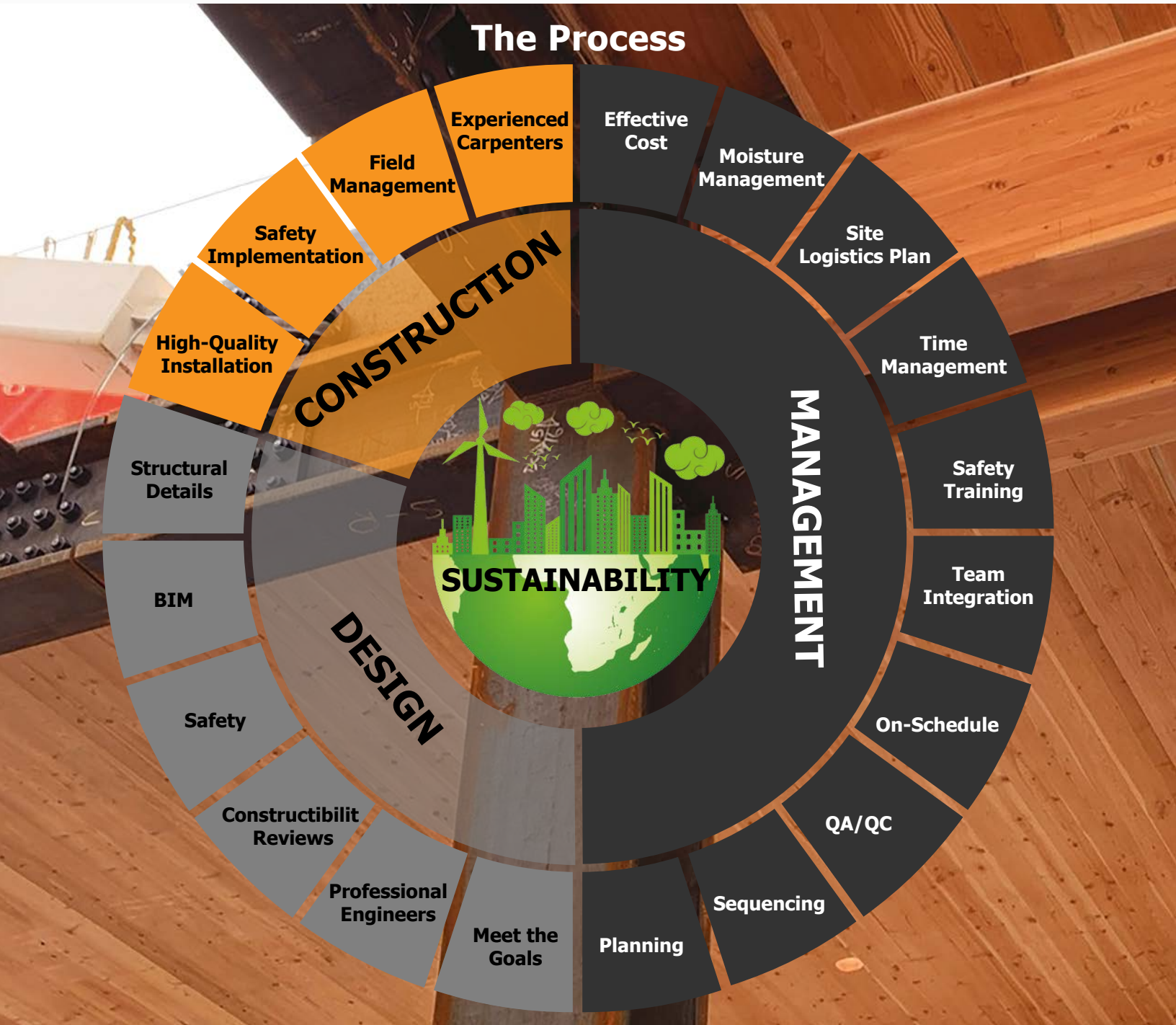
SPECIALTY
TIMBER

TIMBER
SOUNDSTAGES

Mass Timber Construction

Cross Laminated Timber (CLT) acts as both the structural and visual element of a building. It can be used for floors, roof, and walls, truly embodying the idea of Mass Timber construction.

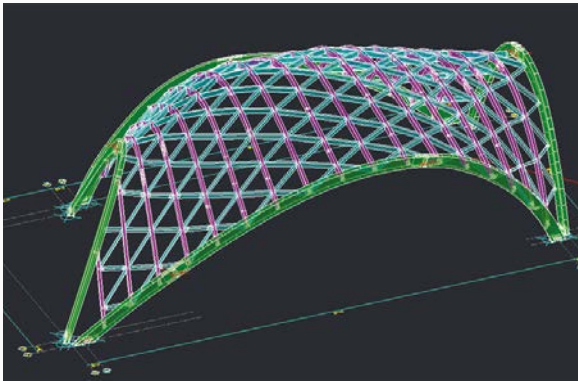
CLT panels are lightweight, yet strong and flexible. They are known for excellent acoustic, seismic, fire, and thermal performance. CLT is also an environmentally responsible and sustainable resource. Its carbon sequestering properties make mass timber more popular than ever.



Design Assist & 3D Modeling



LeMay - America's Car Museum | Tacoma, WA



- ✓ Proper implementation of constructability
- ✓ Comply with site location's conditions
- ✓ Practice sustainable construction
- ✓ Meet the client's needs

Our in-house engineering department uses state-of-the-art computer technology to produce shop drawings and calculations. We currently hold engineering licenses in 46 states.

Why Western Wood Structures?

✓ Experience & Trust

With over 50 years' experience and 8,000+ heavy timber projects under our belt, you have the most trusted and reliable partner in the industry on your side.

✓ National Support

Wherever you build, from Florida to California, we have both an East Coast and West Coast team to deliver any size mass timber project envisioned.

✓ Simplicity

We are uniquely positioned to provide a complete and problem-free mass timber package. Your risk is reduced by having one entity handle the budgeting, sourcing of material, fabrication, logistics, delivery, and installation. This coordinated effort will limit change orders, improve schedule, and ensure the project runs smoothly.

“It can't be overstated the importance of having a supplier/fabricator who is able and willing to respond quickly.

If WWS didn't have staff engineers on-hand, approvals for even minor items could have taken 1-2 weeks or more. And the construction schedule can fall behind fast if we're waiting that long for answers to questions.”

- Anthony Stolz, RCNW Inc.

Signature Projects



The Tacoma Dome Tacoma, WA

Designed and built the 530' diameter dome sports and concert facility.



Vancouver Public Schools Vancouver, WA

Erected the largest CLT project in the Pacific Northwest at 203,000 sq. ft.



The Cathedral of Christ the Light Oakland, CA

Installed a three-dimensional framed roof structure over the sanctuary of the Oakland Cathedral Complex.



Total Support From Concept to Installation

Since 1969, Western Wood Structures has been the leader in heavy timber and mass timber construction in the US, providing customized solutions for clients on mid-size and large-scale projects that require more thought and teamwork than a typical commercial wood project.

With engineering licenses in 46 states, Western Wood Structures brings the best and brightest minds to the table early in the project which sets up your project for success. Our team brings value by offering a complete turnkey mass timber package so that you can sleep sound at night and mitigate your risk.

Our highly trained technical team of sales associates, engineers, designers, project managers, fabrication experts, and carpenters are ready to be part of your project A-team.

We look forward to hearing about your next mass timber project.



Depend On Us to Assist You Every Step of the Way

1 Schematic Design

- ✓ Preconstruction Services
- ✓ Design Assist Options
- ✓ Budgeting
- ✓ System Selection
- ✓ Early Expert Advice

2 Design Development

- ✓ Design Support
- ✓ Product Selection
- ✓ Detail Economization
- ✓ Grid Optimization
- ✓ Logistics Planning

3 Contract Documents

- ✓ Coordination With Trades
- ✓ Review & Feedback

4 Quoting

- ✓ Complete Package Labor & Material
- ✓ CLT, MPP, GLT, GLB, Fasteners, Hardware
- ✓ System Selection

5 Submittals

- ✓ Project Management
- ✓ Timely Communication
- ✓ 3D Modeling
- ✓ Shop Drawings
- ✓ PE Reviews and Seals

6 Fabrication

- ✓ CLT & GLB CNC
- ✓ Factory Installed Hardware
- ✓ Shop Installed Tie-Rod Epoxy
- ✓ Custom Steel Fabrication

7 Construction

- ✓ Safety Planning
- ✓ Moisture Management Plan
- ✓ Cranes & Equipment
- ✓ Logistics & Laydown
- ✓ Signatory Carpentry
- ✓ Complete Installation



Working Wonders with Wood



Western Wood Structures has been designing, building and installing engineered Mass Timber systems for over 50 years. Our experience is unmatched in the design and wholesale distribution of engineered glulam beams and arches, heavy timber trusses, timber bridges, the repair of wood beams and trusses, and VARAX domes.



Western Wood Structures Inc.

Contact Us for CLT/Mass Timber Inquiries

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