

# Specify Mass Timber With Confidence

Project support from early design through fabrication, delivery, and installation.

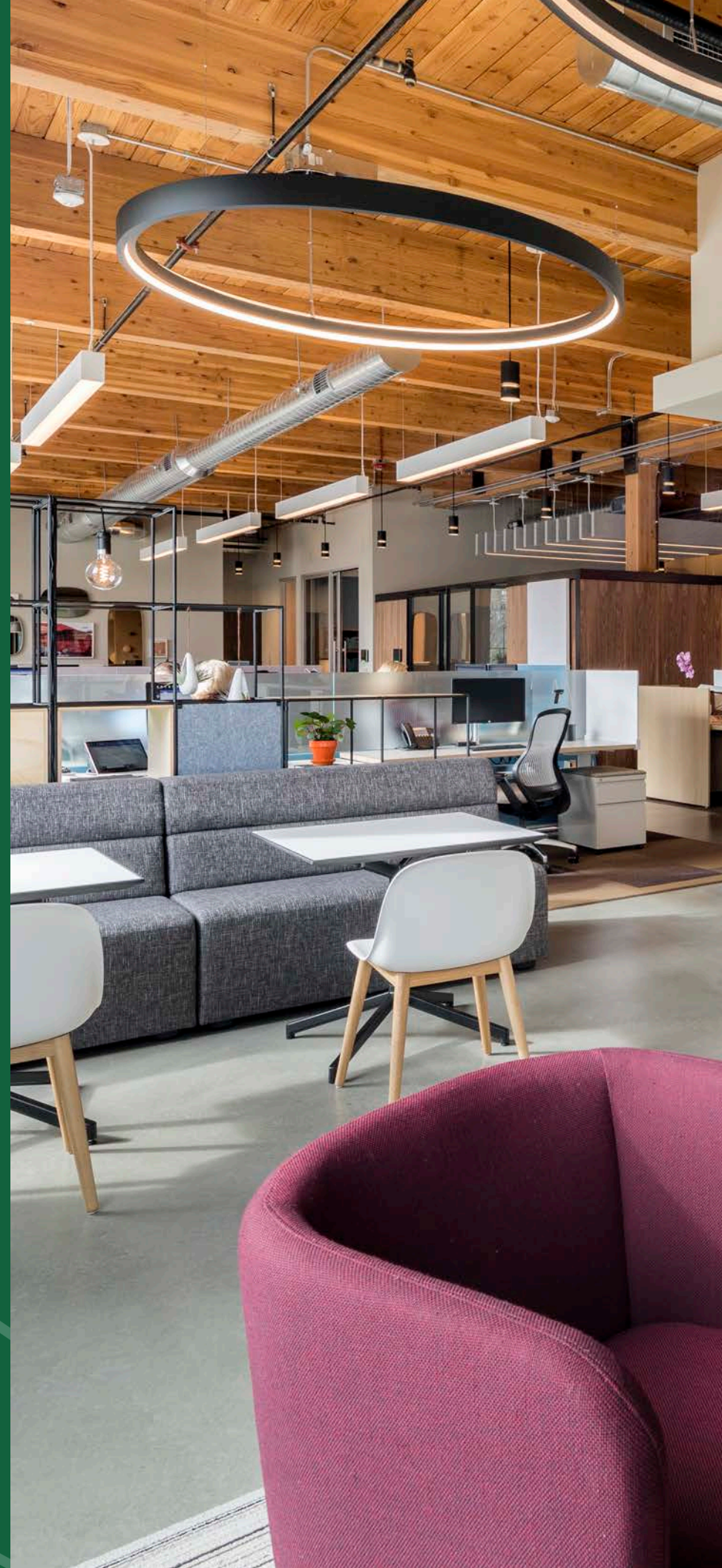


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**WESTERN**  
Forest Products

# Mass Timber Projects Need More Than Supply

Mass timber success depends on early alignment between design intent, structural performance, fabrication capability, logistics, and installation planning. Our team supports project partners throughout the process to improve constructibility, cost certainty, coordination, and project delivery.



## WITH YOU EVERY STEP OF THE PROCESS

### DESIGN ASSIST

Early collaboration that sets the standard. We embed with your team to best align performance, and constructibility, ensuring your mass timber design is fully resolved and buildable long before final drawings.

### PROJECT MANAGEMENT

We coordinate architectural intent with execution, early and decisively. Through BIM-driven collaboration and cost modeling, we streamline fabrication to deliver complex timber packages defined by precision, cost certainty, and complete site readiness.

### FABRICATION

Precision starts in the model and carries through to fabrication. We combine CNC efficiency with hands-on expertise to deliver accurate, high-quality timber components, scaling seamlessly from standard elements to complex assemblies. Integrated treatments and finishes support long-term performance and efficient installation on site.

### LOGISTICS & INSTALL

The last mile is where projects are won or lost. We lead it, sequencing delivery, pre-installing connections, and providing solutions for on-site moisture management protection to ensure fast, efficient assembly and long-term performance from day one.



# Design Assist

Design assist is a collaborative delivery approach where the mass timber supplier or fabricator joins the project team early in the design process to help optimize the structure for cost, constructibility, performance, and schedule. Instead of waiting for fully completed drawings, we work alongside the architect, structural engineer, and contractor during design development.

## DESIGN ASSISTANCE

Not sure whether mass timber is the right solution for your project? Need help specifying the appropriate species, preservative treatment, fire strategy, or coating? Our team can help evaluate options and align the system with your performance goals and budget.

## SUSTAINABILITY EDUCATION

As a vertically integrated glulam manufacturer, we provide insight from seedling to finished kit of parts. Our team can help you understand sourcing impacts, carbon considerations, and certification pathways to support your project's sustainability goals.

## DURABILITY & PROTECTION PLANNING

Protecting your mass timber investment is critical. We help design durability through naturally durable species, preservative treatments, coatings, and moisture management strategies to ensure long term performance.

## CODE, FIRE, & PERFORMANCE GUIDANCE

Mass timber projects often require early coordination with authorities having jurisdiction. We support the design team with:

- Fire rating strategies
- Encapsulation approaches
- Code compliance pathways
- Documentation support

## ACOUSTICS & VIBRATION GUIDANCE

Mass timber systems behave differently than concrete or steel. We provide guidance on floor assemblies, vibration performance, and acoustic strategies to support occupant comfort.



# Project Management

From early estimating through site logistics, our project management team brings clarity and coordination to every mass timber project. We deliver accurate take-offs, develop detailed CAD models, and produce precise shop drawings to ensure every connection is resolved. Through trusted engineering partners and consistent trade coordination, we help streamline prefabrication, reduce risk, and keep your project on schedule from concept to completion.

## SHOP DRAWINGS

Shop drawings communicate every detail of the mass timber package. From LOD 300 design through coordination and fabrication, our drawings define precise connections, tolerances, and ensure seamless integration with other trades.

## ENGINEERING DESIGN

When specialty mass timber engineering is required, we can support your project with delegated design, coordinating mass timber engineering through trusted partners. These teams are familiar with timber systems and our fabrication capabilities, ensuring solutions aligned with budget, schedule, and constructibility.

## ESTIMATING & BUDGETING

We bring clarity to early decision-making through accurate conceptual budgeting and informed system comparisons. Our team develops detailed take-offs and clearly defined scopes, supported by ongoing cost modeling as the design evolves. With a deep understanding of timber systems, we identify targeted value engineering opportunities that align performance, constructibility, and budget.

## PROJECT COORDINATION

Clear and consistent communication is critical to prefabricated construction. We collaborate with associated trades to support sequencing, tolerances, and successful installation.

## CAD MODELING & BIM COORDINATION

Throughout estimating and design, we develop and refine a 3D model to support:

- Design coordination and clash detection
- Shop drawing generation
- CNC programming
- BIM coordination with project partners





# Fabrication

Great design demands fabrication that rises to the occasion. Western's fabrication capabilities bridge project vision and reality, transforming your ambitious projects into precision crafted mass timber components. From the precision of CNC technology to irreplaceable experience of our craftsmen, we deliver the complete spectrum of mass timber fabrication services.

## CNC FABRICATION

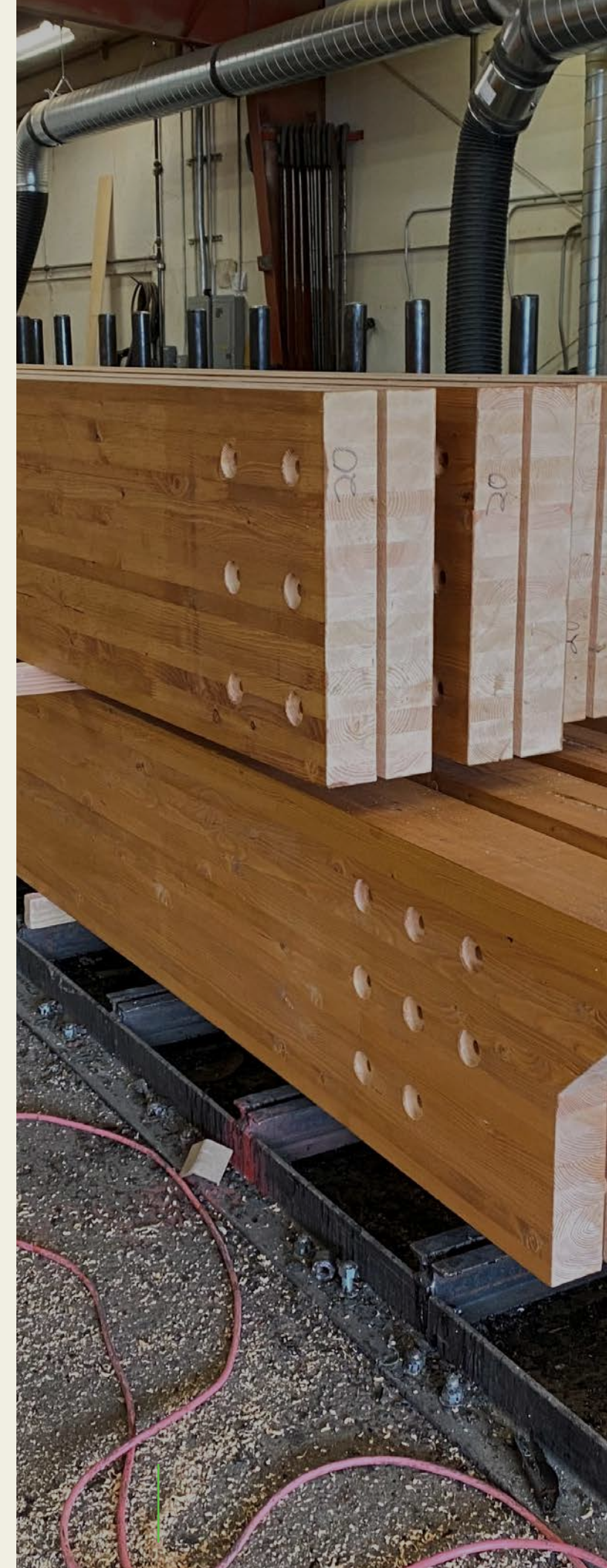
Our CNC fabrication translates 3D models directly into precise cuts, complex geometries and efficient connections. This digital workflow reduces lead times and on-site delays and ensures alignment within your building system.

## MANUAL PROCESSING

Some designs exceed the capabilities of modern equipment. Our craftsmen bring decades of experience to curved members, custom arches and one of a kind details that make a project unique. When your project needs something truly distinctive, our craftsmen deliver solutions that honor design.

## PRESERVATIVE TREATMENTS, COATINGS & FINISHES

Through our network of treatment partners, we provide preservative treatments and coatings suited to your project's environment. From coastal humidity to high-altitude UV exposure our protective treatments don't just enhance appearance, they extend service life, resist weathering and maintain the natural beauty of wood products.





# Logistics & Installation

Glulam fabrication doesn't stop at the factory door. Western's logistics and installation support ensure that every glulam beam and mass timber product journeys from our facility to your project with seamless timing and care. We take care of the entire process, from pre-installed connections to final crane lifts, so your project rises quickly, safely and to your intended vision.

## CONNECTION HARDWARE SUPPLY AND PREINSTALLATION

We prepare your mass timber components for success before they leave our facility reducing on-site labor and increasing the speed of assembly. Western supplies connection hardware and, where feasible, preinstall components to streamline project execution and improve quality control.

## DELIVERY & LOGISTICS PLANNING

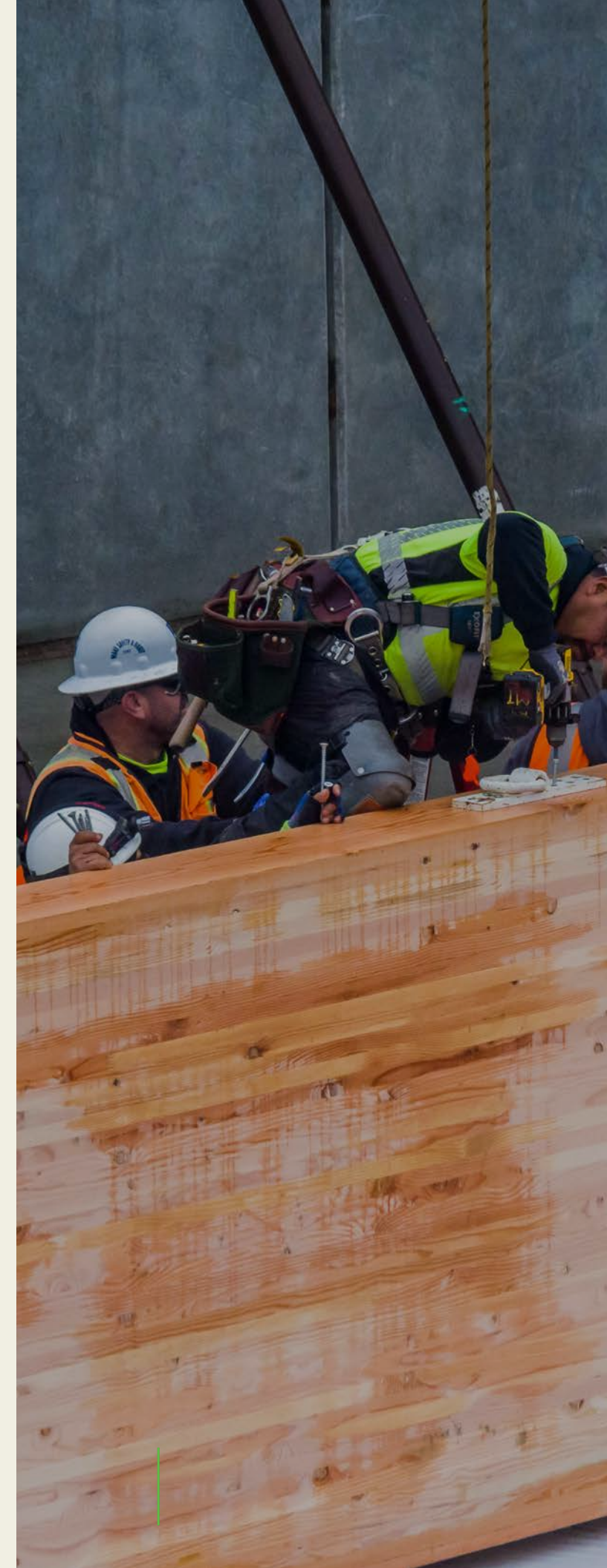
Delivery is coordinated from fabrication to site with just-in-time sequencing. Oversize loads are precisely routed, packaging and protection strategies safeguard materials in transit and storage, preserving quality through installation.

## ERECTION PLANNING & SUPPORT

We support efficient installation through coordinated erection planning, providing sequencing guidance, crane and rigging input, and clear tolerance verification. Detailed diagrams and responsive consultation help site teams execute with confidence from first lift through final connection.

## MOISTURE MANAGEMENT DURING CONSTRUCTION

We protect timber performance with proactive moisture management, including temporary protection, trade coordination, and clear storage and handling guidance. Monitoring recommendations help keep materials dry, stable, and ready for installation.



# Have A Project In Mind?

Let's Talk Mass Timber.

Whether you need design guidance, budgeting support, fabrication expertise, or installation planning, our team is ready to help you move your project forward.



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