

KOBE CONSTRUCTION

PREMIUM CONSTRUCTION SOLUTIONS

DESIGN CONSIDERATIONS FOR BUILDABILITY



WELCOME TO KOBE CONSTRUCTION

Kobe Construction has been operating since 2015, our vision and focus is to deliver **HIGH VALUE** projects for our clients throughout **New Zealand**.

Our passion is in **Mass Timber** projects as well as Architectural, Commercial Residential builds.



WE THRIVE ON PUSHING THE BOUNDARIES FOR OUR CLIENTS TO ACHIEVE MAXIMUM RESULTS!



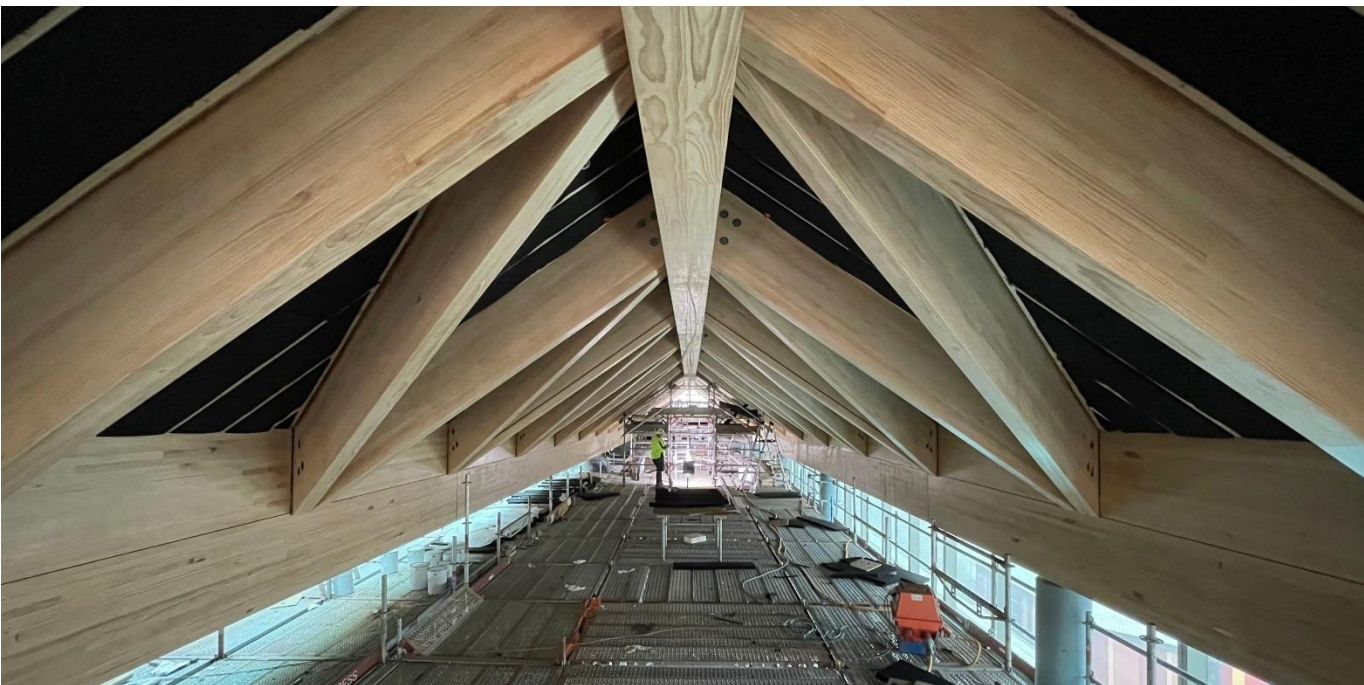
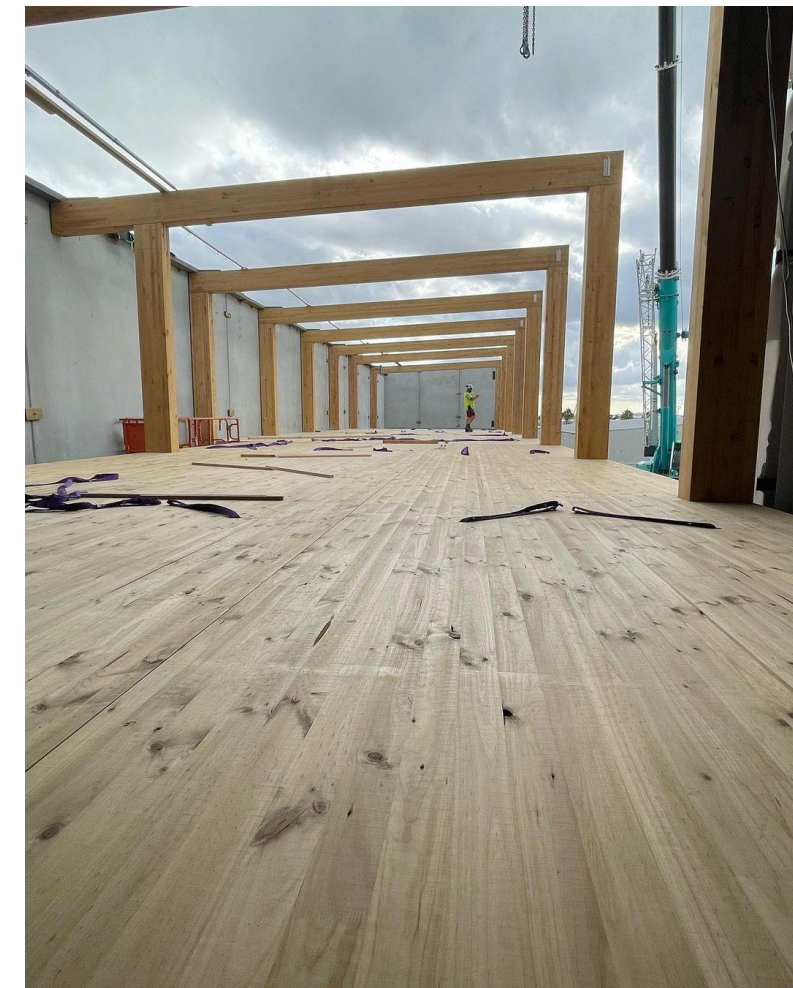
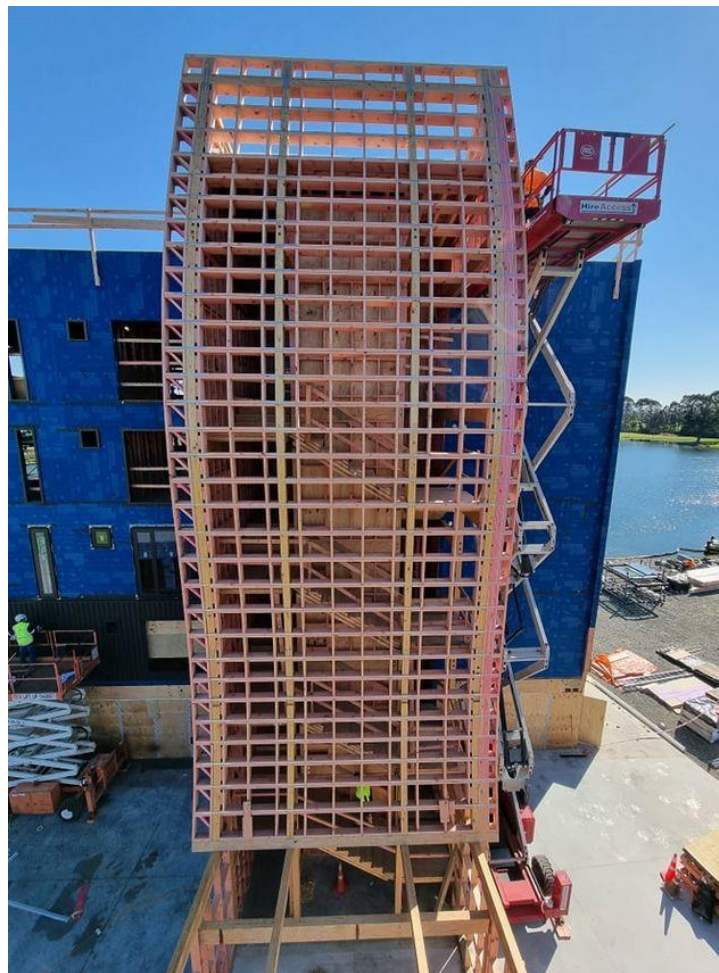
WHAT WE DO BEST & HOW WE DO IT

KOBEcon are recognised Nationwide for our development and specialised experience with **MASS TIMBER** project delivery.

We have a strong focus on technical delivery and are leaders in the construction sector for system, process and tool development.

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TALES FROM THE COAL FACE



CHALLENGES WITH BUILDING WITH MASS TIMBER

REQUIRES SUBSTANTIALLY MORE FRONT-END PRE-CONSTRUCTION

UNDERSTANDING DESIGN RESTRICTIONS

UNDERSTANDING SITE RESTRICTIONS

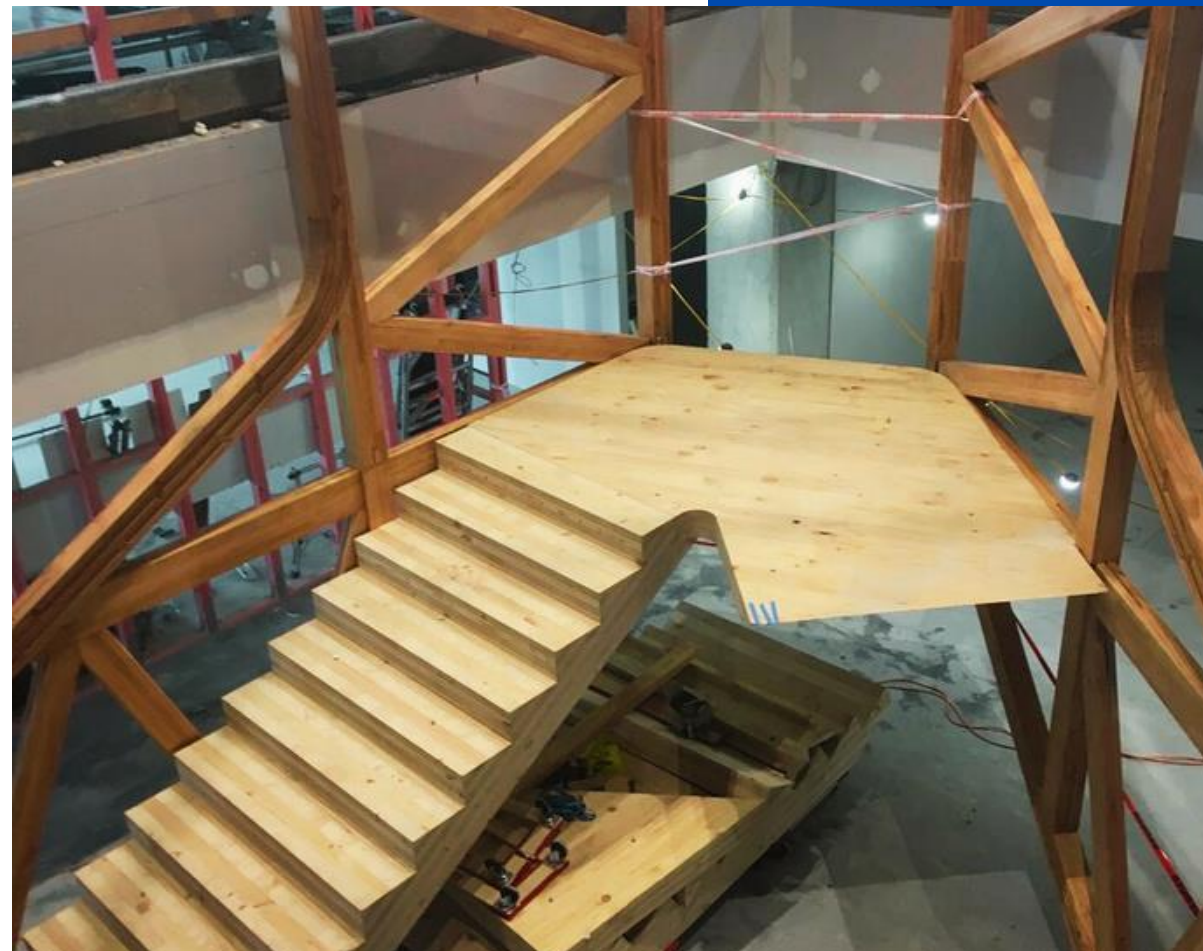
THE IMPORTANCE OF UNDERSTANDING MOISTURE MANAGEMENT

Design stage dictates
PROJECT RISK

Poor design leads to
PRODUCT EXPOSURE
durations being extended

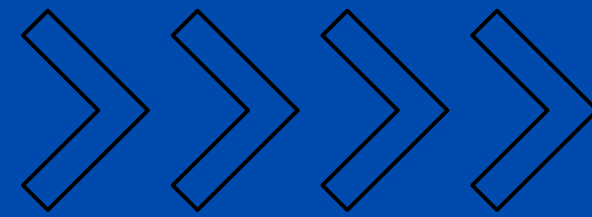
Poor site management of
follow on trades adds risk of
EXPOSURE durations until
closed in

WHAT HAPPENS WHEN PRODUCT IS EXPOSED FOR TOO LONG?





DFMA REQUIREMENTS FOR PROJECT



UNDERSTANDING THE FULL BENEFITS TO BUILDING WITH MASS TIMBER



GROWING DEMAND FOR MASS TIMBER

WHAT EFFECT DOES THE HIGHER DEMAND FOR MANUFACTURED MATERIALS HAVE ON PROJECT DELIVERY?

ECI – project success requires the right people involved early – includes Architects & Engineers

Manufacturing Supply and Demand in NZ

Demand for Mass Timber in Civil sector

Quality of Installation

HOW CAN WE IMPROVE?



- Understanding design restrictions that slow down installation
- With an increase in the usage of Mass Timber - design catalogue for connections - dramatically reduces re-inventing the wheel every project

- Quality QA and QC practices
- Industry Standard development is required – a shift in delivery methods
- Resource challenges in NZ



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021 581 999

www.kobecorstruction.co.nz

