



# Offsite Design

## Timber Prefabrication Designer

*Offsite Design Ltd* are experts in off-site manufacture of timber buildings offering unique design and engineering services to prefabricators, contractors, and developers to help materialise the timber buildings of tomorrow. From Design for Manufacture and Assembly (DfMA), 3D modelling, 2D shop drawings, and file-to-factory export to drive CNC equipment and robots.

Background: Timber construction and prefabrication are currently experiencing a renaissance in New Zealand and Australia, e.g. CAD/CAM integrated fabrication processes are being introduced, panelised prefabrication is taken up by small and large building companies, cross- and parallel-laminated timber (CLT and PLT) are now produced locally at scale.

The Christchurch rebuild following severe earthquakes in 2010 and a massive housing shortage in Auckland (New Zealand's largest city) demand an alternative approach to construction. Prefabricated timber buildings are increasingly seen as a solution to these challenges.

*Offsite Design Ltd* are actively involved in these trends and we are keen to hire CAD/prefabrication designers from early 2020.

### **Key responsibilities**

- Production of 3D models and 2D shop drawings (using Cadwork) supporting the prefabrication of a wide variety of timber buildings.
- Work on light timber frame (LTF) panelised as well as engineered mass timber structures for fabrication.
- 2D drafting/detailing, of factory and assembly documentation, using Cadwork.

### **Your experience and skills**

- In depth understanding and experience with timber prefabrication.
- Design and detailing experience from 3D modelling to 2D construction and shop drawings.
- Intermediate to advanced experience using CADWORK or experience using other CAD/CAM packages.
- Attention to detail and pride in your work.
- BIM experience.

### **We offer**

- Work at the leading edge of timber prefabrication and off-site manufacture in this part of the world, including involvement in R&D projects moving the industry forward.
- An extremely wide variety of projects across the whole range of engineered timber products and building typologies; from tiny house to multi-storey engineered timber structures.
- A friendly team of individuals with a passion for building with timber and raising the quality of our built environment.
- Remuneration according to your skill set and experience.
- Chance to be part of some of the most exciting timber prefab projects in this part of the world.

### **Contact**

Interested? Please send your application letter and CV (in English) to:

**Johann Betz - [johann@offsitedesign.co.nz](mailto:johann@offsitedesign.co.nz)**