

<b>Title</b>	<b>Evaluate project briefs to plan, communicate, and document timber structure detailing operations</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>This unit standard is intended for those working in timber structure detailing.</p> <p>People credited with this standard are able to evaluate project briefs to plan, communicate and document timber structure detailing operations to the level of performance required of a professionally competent detailer.</p>
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<b>Classification</b>	Construction Trades > Carpentry
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<b>Available grade</b>	Achieved
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### Guidance Information

#### 1 Scope

The context of this unit standard is detailing in a manufacturing environment for the production of pre-nailed timber structures used for the construction of small buildings.

#### 2 Assessment

This unit standard is intended to align with the *New Zealand Diploma in Timber Structure Detailing – Specifications* and the *New Zealand Diploma in Timber Structure Detailing (Level 5)* [Ref: 4377].

Evidence for this standard must reflect professional competence.

Professional competence refers to the ability to work independently in order to meet the ethical and professional expectations of industry and clients on dynamic and varied projects operating in a commercial environment.

Professional competence must be confirmed by a person with current expertise in the timber structure detailing trade.

#### 3 Definitions

*Design lead* refers to the architect or draftsman responsible for the overall design of the building.

The *Legislative framework* refers to the hierarchy of Acts of Parliament, Regulations, Rules, local by-laws, Codes, Standards, approved codes of practice, and best practice guidelines.

*Proprietary design software* illustrates the design capacities and compliance with the New Zealand Building Code of pre-nailed timber structures using proprietary fixings and connectors.

*Small building* is of residential scale with lightweight timber-framing and/or concrete or concrete masonry construction, and generally of non-specific design.

*Workplace procedures* refers to the documented procedures specific to a work site which set out the standard and required practices of that workplace.

- 4 Legislation, standards and guidance information relevant to this standard includes the following; and any subsequent amendments and replacements.

*New Zealand Diploma in Timber Structure Detailing – Specifications*, BCITO, August 2021, available from [www.waihanga.nz](http://www.waihanga.nz).

Legislation accessed at [www.legislation.govt.nz](http://www.legislation.govt.nz)

- Building Act 2004
- Construction Contracts Act 2002
- Health and Safety at Work Act 2015
- The New Zealand Building Code.

Standards accessed at [www.standards.govt.nz](http://www.standards.govt.nz)

- NZS 3602:2003 *Timber and wood-based products for use in buildings*
- NZS 3604:2011 *Timber Framed Buildings*.

Best practice and good practice guidelines

- *The Absolutely Essential Health and Safety Toolkit for Small Construction Sites*, and other Worksafe NZ publications available from [www.worksafe.govt.nz](http://www.worksafe.govt.nz).

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## Skill specification and performance level guidance

### Skill specification

Evaluate project briefs to plan, communicate, and document timber structure detailing operations.

### Knowledge

The responsibilities, and working relationships with a detailer of the parties involved in timber structure detailing.

Range design lead, client, supervisor, main contractor, sub-contractor, manufacturing team, Building Consent Authority, carrier, supplier.

Principles for effective communication and record keeping, and how they impact timber structure detailing operations.

Range written, oral, visual communications.

The ways to source and the purpose of information required to plan projects for timber structure detailing operations.

Range must include – project contract, properties of construction materials, construction methods, legislative requirements, transportation, on site project plans;  
may include – other information sources.

The requirements for the planning and coordination of own, and others' work to fit with an agreed production programme for timber structure detailing projects.

Range must include – monitor project effectiveness, implement changes where required.

## Skills

Develop, document and monitor timber structure detailing projects.

Range projects include – project plan, schedules, shop drawings, budget.

Conduct research to inform the development of timber structure detailing projects.

Range research may include – properties of construction materials, construction methods, legislative requirements, transportation, on site project plans.

Evaluate project briefs, and identify, and address potential barriers to timber structure detailing projects.

Communicate and work effectively as a detailer with the parties involved in the timber structure detailing operations to discuss, and reach conclusions about work requirements.

Range parties may include – design lead, client, supervisor, main contractor, sub-contractor, manufacturing team, Building Consent Authority, carrier, supplier.

## Performance level guidance

Performance must reflect workplace procedures, legislative frameworks and specific proprietary design software.

Communicating effectively must reflect the use of a range of mediums, and technology; and maintaining a record of the communication.

<b>Planned review date</b>	31 December 2026
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## Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 December 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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### Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@waihanga.nz](mailto:qualifications@waihanga.nz) if you wish to suggest changes to the content of this unit standard.