

Title	Set out and establish a construction site under supervision		
Level	3	Credits	12

Purpose	<p>People credited with this standard can, under supervision:</p> <ul style="list-style-type: none"> • check site documentation for a construction site; • set up site facilities; • take levels; • set up building lines and profiles; and • clean and store tools, plant and equipment used to establish a construction site.
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Classification	Construction Trades > Carpentry
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Available grade	Achieved
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Guidance Information

1 Scope of practice

Working *under supervision* means the ability to work to construction workplace standards under the supervision of a commercially competent practitioner whose role is to ensure the completed construction meets industry and regulatory requirements. This standard does not recognise commercial competence.

2 Assessment

This unit standard must be assessed under the supervision of a commercially competent practitioner in construction workplace conditions that reflect:

- current health, safety, industry, and workplace requirements; and
- industry requirements for commercially acceptable timeframes.

Evidence generated for assessment against this standard must be verified by a person who has current expertise in the building and construction trades and has had the opportunity to regularly observe the candidate in the workplace.

3 Range

Evidence generated for assessment against this standard must meet workplace and industry requirements specified in:

- documented worksite specifications, procedures, and practices;
- manufacturer recommendations, specifications, and technical data sheets;
- applicable specifications from other sources such as an architect, designer, engineer, or supervisor;
- applicable material safety data sheets;
- NZS 3604:2011 *Timber Framed Buildings*;
- the New Zealand Building Code.

Evidence generated for assessment against this standard must reflect the requirements of:

- Building Act 2004
- Health and Safety at Work Act 2015
- Resource Management Act 1991
- Building Regulations 1992
- Building (Forms) Regulations 2004
- Health and Safety in Employment Regulations 1995.

4 Reference

NZS 3604:2011 *Timber Framed Buildings*. Available from Standards NZ (<http://www.standards.co.nz>).

Outcomes and performance criteria

Outcome 1

Check site documentation for a construction site.

Performance criteria

- 1.1 Check site is correct and building consent has been issued.
- 1.2 Check boundary markers, construction area, and datum points from the consented drawings.

Outcome 2

Set up site facilities under supervision.

Performance criteria

- 2.1 Set up site facilities.

Range	facilities include – secure storage, access to water, toilet and power, protective fencing, site signage; job requirements, site limitations, employer safety procedures.
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Outcome 3

Take levels under supervision.

Performance criteria

- 3.1 Identify required levelling work from site documents and select a levelling device.
- 3.2 Set up and check tolerances of levelling instruments and report any inconsistencies.

Range	two of – straight edge and spirit level, builder's level, laser level.
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3.3 Use levelling instruments to transfer heights to achieve a level surface.

Range two of – straight edge and spirit level, builder’s level, laser level;
level tolerance – within 3mm over 10m.

Outcome 4

Set up building lines and profiles under supervision.

Performance criteria

4.1 Erect building profiles.

Range secure, level.

4.2 Set out building lines to meet specifications in the working drawings.

Range specified building length and width;
squared lines using one of – Pythagoras’ theorem, diagonal
measurement, squaring devices.

4.3 Mark set-out points on profile boards to meet specifications in site documents.

Range reinforcing, fixings, footings, walls.

Outcome 5

Clean and store tools, plant, and equipment used to establish a construction site.

Range plant may include – appliances, fittings, furniture, implements, machines,
machinery, vehicles, parts, controls; anything connected to plant items.

Performance criteria

5.1 Clean workplace, tools, plant, and equipment used to establish a construction site.

5.2 Store tools, plant, and equipment used to establish a construction site.

Replacement information	This unit standard replaced unit standards 13040, 13041, and 13042.
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Planned review date	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	30 September 2021	N/A

Consent and Moderation Requirements (CMR) reference

0048

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Building and Construction Industry Training Organisation at national.office@bcito.org.nz if you wish to suggest changes to the content of this unit standard.