

40579 Contribute detailing practices to construction project outputs

Kaupae Level	5
Whiwhinga Credit	10
Whāinga Purpose	This skill standard is for people intending to complete qualifications and credentials in structural detailing. This skill standard recognises the skills and knowledge required to contribute detailing communication, quality control and project management practices to achieve construction project outputs. This skill standard aligns with the New Zealand Diploma in Detailing (Structural) (Level 5) with strands in Light Steel Frame, Reinforcing Steel, Structural Steel, and Precast Concrete [Ref: 4515].

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Contribute structural detailing information to construction project outputs.	a. Communication content and formats are applied to meet accepted construction industry project practices.
	b. Collaboration and information sharing technologies are used to contribute to the achievement of project timeline and outputs.
	c. Contributions are made to support active collaboration, and accurate information sharing and record keeping.
2. Contribute detailing quality control processes to construction project outputs.	a. Quality controls are applied to contribute and comply with the organisation's quality management system.
3. Apply detailing project management processes to construction project outputs.	a. Time, cost, scope and procurement management practices are applied to contribute to the achievement of project outputs.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

Structural detailing project refers to a portion of a construction project that is specific to the structural detailers' engagement and scope, this is generally to take the design team's documentation and translate this into fabrication and construction documentation for the structural components that form part of the overall project.

Structural detailing information can be either via written, digital or verbal communication.

Accepted construction industry project practices may include the use of building information sharing, collaboration via digital technologies and industry agreed standards and guidelines.

Quality control includes document control, record keeping, consistency checking, constructability review, checklist implementation, clash checking, and standards compliance.

The Quality Management System will outline the detailer responsibilities within the organisations quality control processes.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

- Project communication and collaboration.
- Quality management.
- Project management.
- Time-management.
- Project documentation and record keeping.
- Problem solving.
- Introduction to construction contracts.
- Detailing best practice.

Rauemi | Resources

- <https://nzcic.co.nz/resources/nzcic-guidelines/>.
- [STEELDOC - Code of Practice for Structural Steelwork Documentation SCNZ-12: 2022](#).
- Programme guidance available from qualifications@waihangaararau.nz.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Planning and Construction > Construction > Core Planning and Construction
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0120

Hātepe Process	Putanga Version	Rā whakaputa Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhītatanga Registration	1	25 September 2025	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2030		

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihangaararau.nz to suggest changes to the content of this skill standard.