

40581**Develop and maintain own knowledge of detailing technologies, methods and practices**

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 required to develop and maintain own knowledge of detailing technologies, methods and practices. 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. Develop and maintain own knowledge of detailing technologies, methods and practices.	a. Activities to develop own knowledge of detailing advancements are planned and implemented.
	b. Information sources are reviewed and confirmed as relevant to advancements in detailing methods and practices.
	c. Planned and implemented development activities are evaluated in terms of relevance to advancements in detailing methods and practices.

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

Detailing technologies refers to current software and equipment relevant to detailing and specific structural materials, which may include – software systems, scanning, measuring equipment, manufacturing and on-site logistics

Detailing methods refer the following detailing processes which may include – design analysis, modelling, drawing creation, team collaboration, use of industry standards, integration with building information modelling, quality assurance and review, manufacturing and on-site logistics.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Knowledge development strategies

- On the job learning and mentoring.

Professional development activities

- Webinars, conferences, continuing education, communities of practice, networking, training others.
- Industry software providers and updates.
- Industry association membership, training and development activities and resources.
- Industry publications, codes and guidelines.
- Industry Continued Professional Development (CPD) Associations SCNZ, NASH, ENZ, CNZ, ACENZ, EAU.

Rauemi | Resources

Programme guidance available from qualifications@waihangaararau.nz.

Pārongo Whakaū Kouna | 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
Rēhitatanga 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.