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| Title | Prepare a developed building design from a preliminary design | | |
| Level | 6 | Credits | 10 |

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| Purpose | People credited with this unit standard are able to: refine a building proposal from a preliminary design; develop building design drawings from a preliminary design; and prepare approval documentation for a building project. |
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| Classification | Construction > Architectural Technology |
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| Available grade | Achieved |
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Guidance Information

- 1 In this unit standard it is intended that the design project should be of small or medium scale and limited complexity. An example is a simple residential building.
- 2 Performance of all outcomes is carried out in accordance with enterprise and organisational standards and procedures unless otherwise stated. Enterprise and organisational standards and procedures may include: quality assurance, documentation, security, communication, health and safety, ethics, interpersonal behaviour, and environmental and sustainability principles. An acceptable standard would be comparable to ISO 9000 certified enterprises and organisations and those set by an incorporated professional or trade body. Examples of such bodies are New Zealand Institute of Architects, Design Association of New Zealand Incorporated, and Architectural Designers of New Zealand Incorporated.
- 3 Performance of all outcomes should be assessed within constraints normally applicable to a commercial environment.
- 4 Legislation relevant to this unit standard includes: Health and Safety in Employment Act 1992 and Health and Safety in Employment Regulations 1995; Resource Management Act 1991; Building Act 2004.
NZS/AS 1100.101:1992 *Technical drawing – General principles*, NZS/AS 1100.301:1985 *Technical drawing – Architectural drawing*, and NZS/AS 1100.301 SUPP1:1986 *Technical drawing – Architectural drawing – Architectural drawings*, available from Standards New Zealand (<http://www.standards.co.nz>).

Outcomes and performance criteria

Outcome 1

Refine a building proposal from a preliminary design.

Performance criteria

- 1.1 Dimensions of the proposed building are described and any necessary refinements made in accordance with Project Information Memorandum and client feedback.
- 1.2 Construction, materials, and finishes for the proposed building are described and any necessary refinements made in accordance with budget constraints and client feedback.
- 1.3 Structural requirements for the proposed building are described and any necessary refinements made in accordance with layout and materials changes.
- 1.4 Estimated costs of the proposed building are described and any necessary refinements made in accordance with budget.
Range schedule of elemental costs.

Outcome 2

Develop building design drawings from a preliminary design.

Performance criteria

- 2.1 Building design drawings are developed in accordance with the requirements and limitations of the preliminary design.

Outcome 3

Prepare approval documentation for a building project.

Performance criteria

- 3.1 Drawing contents are prepared and conform to client, site and regulatory requirements.
- 3.2 Resource consent application documents are prepared and conform to regulatory requirements.

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| Replacement information | This unit standard replaced unit standard 10163. |
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|----------------|--------------------------|
| Registration | 1 | 18 March 2011 | 31 December 2023 |
| Review | 2 | 25 August 2022 | 31 December 2023 |

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

This unit standard is expiring