



Australian Government

CPPBDN6102 Prepare drawings for planning and building approval for Class 2-9 buildings up to three storeys

Release: 1

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Modification History

Release 1 This version first released with CPP Property Services Training Package Release 11.0.
New unit.

Application

This unit specifies the skills and knowledge required to prepare drawings that comply with planning and building approval requirements for Class 2-9 buildings, as defined in the National Construction Code (NCC), having a rise in storeys up to three, including buildings of Type A construction. It includes planning methods and processes for producing required documentation and checking drawings to confirm quality and consistency against technical expert documentation.

This unit is suitable for experienced drafters and building designers who draw on their broad theoretical knowledge and technical skill to prepare drawings and provide specialist information.

This unit forms part of the licensing requirements for people engaged in building design in some states and territories. For further information, check with the relevant regulatory authority.

Pre-requisite Unit

Nil.

Unit Sector

Building Design

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe what needs to be done to demonstrate achievement of the element.
1 Plan documentation production.	1.1 Consult with relevant authorities to confirm documentation requirements for planning and building approval applications.
	1.2 Establish and follow timelines and methodologies for

- producing required drawings.
- 1.3 Resolve construction details requiring clarification through research or consultation with relevant technical experts and authorities.
 - 1.4 Specify and request drawings and documentation required from technical experts in accordance with workplace requirements.
- 2 Develop application drawings.
- 2.1 Identify requirements for planning and building application drawings.
 - 2.2 Prepare compliant planning permit application drawings according to project and workplace requirements.
 - 2.3 Prepare compliant building permit application drawings according to project and workplace requirements.
 - 2.4 Store drawings for retrieval according to workplace requirements.
- 3 Check quality and compliance of drawings.
- 3.1 Develop detailed drawing components checklist of requirements for compliance and documentation for planning and building approval.
 - 3.2 Use drawing checklist to confirm quality and compliance of planning and building drawings.
 - 3.3 Confirm drawing consistency with requirements of technical expert documentation.
 - 3.4 Make necessary changes to drawings to adhere to compliance requirements.
 - 3.5 Name, save and file drawings according to workplace requirements.
- 4 Respond to requests for additional information.
- 4.1 Identify information sought by approving authority or specialist.
 - 4.2 Prepare response documentation including making and notating amendments.

- 4.3 Confirm any implications of requested changes for consistency with the original concept and technical expert documentation.

Foundation Skills

As well as the foundation skills explicit in the performance criteria of this unit, candidates require:

- reading skills to interpret:
 - specialised vocabulary, acronyms and technical terminology used in documentation
 - documentation compliance requirements of relevant authorities
- numeracy skills to:
 - apply measurements prescribed in compliance requirements to drawings
 - accurately apply scale to drawings
 - calculate and confirm measurements in drawings.

Unit Mapping Information

No equivalent unit.

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

Assessment Requirements for CPPBDN6102 Prepare drawings for planning and building approval for Class 2-9 buildings up to three storeys

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Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by preparing planning and building drawings that comply with approval requirements for two buildings:

- both sets of drawings must involve buildings in different locations and conditions and of different classifications from 2-9 as defined by the National Construction Code (NCC)
- at least one building must be of Type A construction as defined by the NCC.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- NCC building classifications and construction types A, B and C
- architectural styles and building construction terminology relevant to working with building plans specified in the approval process
- duty of care required to ensure quality and safety of designs submitted for approval
- relevant approving authority processes that must be confirmed and satisfied
- range of drawings required for approval applications relating to specified types of building design projects:
 - assessments and technical reports
 - specifications
- legislation, codes and standards relevant to sustainable design and required to ensure compliance with approval requirements:
 - current Australian Standards applicable to the building design
 - federal, state or territory and local authority legislation and regulations applicable to the building design
 - NCC
- contingencies and the impact of variations to plans as directed by client or other stakeholders
- planning and building approval requirements and processes:

- reports such as access, conservation, energy rating, fire safety, bushfire attack level, and soil analysis
- plans for demolition, cut and fill and excavation
- risk assessments
- quality of drawings:
 - accuracy
 - consistency
 - completeness
 - compliance
 - version control
- drawings:
 - site plans
 - floor plans
 - elevations
 - sections
 - construction details, including in-situ concrete
 - internal elevations
 - reflected ceiling plans
 - roof plans
 - carparking and turning layout
 - joinery details
 - finishes and fittings schedules
 - column and grid setout
- construction materials and methods.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations. Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting where these skills and knowledge would be performed. This includes access to:

- computer with internet access and building design software and business software currently used in drafting and building design practice
- relevant legislation, regulations, codes and standards
- planning and building application forms and documentation
- technical reports prepared by external consultants relevant to the planning and building approval process.

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