

Assessment Schedule

US 24353 (v3) - Demonstrate knowledge of and create sketches and drawings for BCATS projects (Level 2, Credit 6)

Evidence for achieving credit in this unit standard must be related to **two** different BCATS projects. Examples of suitably complex projects include wooden garden furniture, a deck, a non-consent building, a dog kennel, a pergola, a fence and gate, a kitset garden shed. Sketches and drawings must be attached to the Assessor Observation sheet.

Outcome 1	Demonstrate knowledge of lines and symbols, and drawing and sketching methods, required for BCATS projects.	Assessment evidence and judgement
PC 1.1	Lines used on construction drawings are identified and their purpose described.	Evidence gathered from the Knowledge Assessment Q3 showing: <ul style="list-style-type: none"> Description and purpose of lines, such as outlines, dimension lines, hidden detail, centre break, reference lines are correct.
PC 1.2	Symbols used on construction drawings are identified and their purpose described.	Evidence gathered from the Knowledge Assessment Q12 showing: <ul style="list-style-type: none"> Description and purpose of identified symbols are correct Symbols indicating materials, doors, windows, fittings and furnishings.
PC 1.3	Drawing and sketching methods are identified and interpreted in terms of their practical application. Range: one-point perspective, two-point perspective, isometric, oblique; third angle orthographic projection.	Evidence gathered from the Knowledge Assessment Q1, Q2, Q4, Q5, Q6, Q7, Q11 showing: <ul style="list-style-type: none"> Practical purpose of all of the drawing and sketching methods from the range statement is correct.
Outcome 2	Establish job requirements and create sketches for BCATS projects.	Assessment evidence and judgement
PC 2.1	Job requirements are obtained and verified, and sketching technique is selected in accordance with work place practice.	Evidence gathered from practical projects and the assessor observation sheet showing: <ul style="list-style-type: none"> Job requirements obtained and verified Appropriate sketching technique selected.
PC 2.2	Sketching equipment is assembled and prepared in accordance with selected sketching technique.	Evidence gathered from practical projects, assessor observation sheet and Knowledge Assessment Q9 (part c) showing: <ul style="list-style-type: none"> Appropriate sketching equipment assembled and prepared.
PC 2.3	Sketches are created in accordance with job requirements.	Evidence gathered from practical projects and the assessor observation sheet showing: <ul style="list-style-type: none"> Appropriate number of sketches produced Sketches show correct proportion and appropriate detail.
Outcome 3	Convert sketches to formal drawings. Range: third angle orthographic projections – elevations, plans, cross sections; pictorial projections – two of – isometric, oblique, one-point perspective, two-point perspective.	Assessment evidence and judgement
PC 3.1	Drawing equipment is assembled and prepared in accordance with selected drawing technique.	<ul style="list-style-type: none"> Knowledge Assessment Q9, Q10 answers correct, and Evidence gathered from practical projects and the assessor observation sheet showing: <ul style="list-style-type: none"> Appropriate instrumental drawing equipment assembled and prepared.
PC 3.2	Drawings are created from sketches in accordance with the job requirements.	Evidence gathered from practical projects and the assessor observation sheet showing: <ul style="list-style-type: none"> An elevation, plan, cross section and two of isometric, oblique, one-point perspective, two-point perspective are produced that are based on the sketches The drawings are to the correct scale, use correct line quality and convey sufficient detail.
PC 3.3	Drawings communicate all construction information relevant to the intended project, and are in accordance with SAA/SNZ HB 1:1994.	Evidence gathered from practical projects and the assessor observation sheet showing: <ul style="list-style-type: none"> Drawings communicate all construction detail for the project and include correct terminology and abbreviations, materials, scale and layout of drawing sheets, use of drawing conventions.
PC 3.4	Sketches, drawings, equipment and unused materials are stored in accordance with workplace practice.	<ul style="list-style-type: none"> Knowledge Assessment Q8 and Q13 answers correct, and Evidence gathered from practical projects and assessor observation sheet showing: <ul style="list-style-type: none"> Sketches, drawings, equipment and unused materials are stored correctly.

