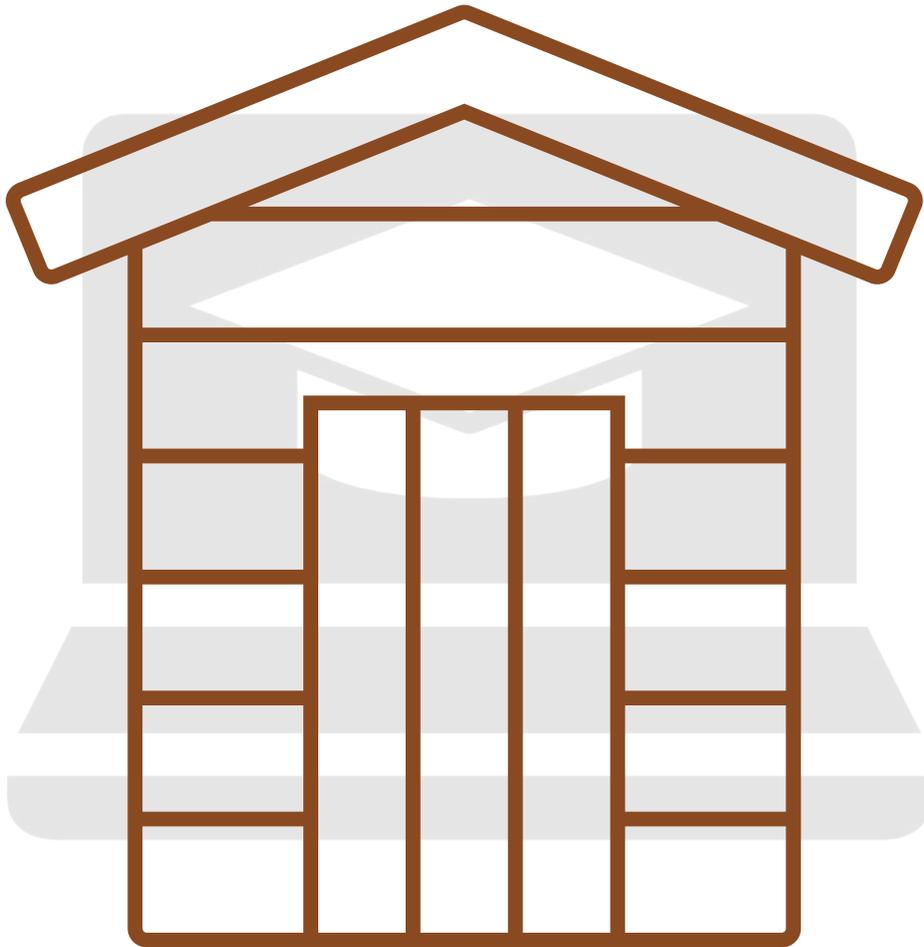


**BCATS**

BUILDING, CONSTRUCTION  
AND ALLIED TRADE SKILLS

# Non-consent building

Teacher/Tutor resource



Unit Standard 12936 (v6), Level 2

Construct a non-consent  
timber framed utility building  
as a BCATS project ⑧ CREDITS

**BCITO**  
buildingpeople

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# Teaching and assessment tips

## Purpose

This unit standard credits a learner who is able to construct a non-consent timber framed utility building, to an acceptable standard, off given plans and specifications.

Evidence must be gathered for building or contributing to the building of a non-consent timber framed utility building. This building could be used as a play-house, sleep out, shed, greenhouse, or a similarly single-storey detached building not exceeding 30sqm. Please note that this unit standard is not intended for a tiny house project.

Please check non-consent requirements before finalising the design you'll use. At the time of publishing, information on requirements for non-consented buildings could be found here: <https://www.building.govt.nz/projects-and-consents/planning-a-successful-build/scope-and-design/check-if-you-need-consents/building-consent-exemptions-for-low-risk-work/new-building-consent-exemptions/>

The example provided in the student resource shows the construction of a non-consent timber framed utility building constructed indoors. It could have been constructed outdoors or on site. You may choose to use a different design and/or support your students to modify a different design, providing the non-consent timber framed utility building meets the unit standard's minimum criteria and legal requirements. There are different processes, machinery, and tools that could achieve the same or similar outcome to the example provided and they are to take your guidance on these.

Students need to use project documentation to:

- calculate the quantities of material required and complete an order for materials for the non-consent timber framed utility building
- mark out, cut, and fit all framing
- fix external wall and roof cladding
- fit exterior joinery
- finish the project
- complete everything safely
- keep the site, tools, and equipment clean and tidy.

## Unit Interpretation

A non-consent timber framed utility building must be constructed according to the plans and specifications and any applicable Building Codes. Please see the Assessment Schedule on the last page of this resource for more-detailed requirements.

A template for creating an order form is available in the resource file for student use. However, you are welcome to use a different one that includes all the requirements as written in the student resource. The completed order, together with the learner's calculations to establish the quantities of materials required, must be attached to the Assessor Observation Sheet.

Photographic or other evidence to show that the non-consent timber framed utility building has been completed must be attached to the Assessor Observation Sheet.

## Assessment

Information to support assessment decisions should, wherever possible, be collected naturally as the BCATS project progresses.

**Assessment of this unit standard consists of:**

- **calculate materials required and prepare an order and**
- **completion of a non-consent timber framed utility building and**
- **completion of the Assessor Observation Sheet.**

# Alignment with other unit standards

Developing programmes that integrate teaching and learning helps to provide students with meaningful and manageable learning opportunities. The following unit standards are not an exhaustive list of which you could include in your programme and nor should one feel obligated to offer all as linked units. Other unit standards you include will depend on your overall programme of study and what best meets your learners' needs.

Constructing a non-consent timber framed utility building can contribute to shared, complementary, or partial assessment of other standards, such as 24350, 24351, and 12927.

## Level 2

**24358:** *Plan and monitor the construction of a BCATS project and quality check the product*

To complete the utility building, students are required to work off a plan and specifications to calculate the materials required and prepare an order for materials. This is complementary to the requirements to plan and monitor the stages of construction and do the quality checks required for US 24358.

**24360:** *Demonstrate knowledge of timber and other construction materials used in BCATS projects*

Alongside the required theory component of 24360, students constructing a non-consent timber framed utility building will use a variety of construction materials. The utility building can therefore be one of the projects contributing to the achievement of US 24360.

**24357:** *Receive instructions and communicate information in relation to BCATS projects*

Projects where students need to work together to successfully complete them provide a lot of opportunities to demonstrate they can receive instructions and communicate well. The utility building can therefore be one of the projects contributing to the achievement of US 24357.

**24354:** *Demonstrate knowledge of health and safety legislation and apply safe working practices in a BCATS environment*

Alongside the required theory component of US 24354, the construction of a utility building provides students with the opportunity to demonstrate safe practices.

**24350:** *Identify, select, maintain and use portable power tools for BCATS projects*

**24351:** *Demonstrate knowledge of and use specified fixed machinery in the construction of BCATS projects*

**12927:** *Demonstrate knowledge of , select, maintain, and use hand tools for BCATS projects*

The non-consent timber framed utility building can be one of the minimum of two practical projects required for each of the unit standards noted above. While students may not necessarily complete the theory aspects of the standards as part of constructing the utility building, they should be encouraged to document evidence of the tools and machinery they selected and used.

# Assessment Schedule

## US 12936 (v6) - Construct a non-consent timber framed utility building as a BCATS project (Level 2, Credit 8)

<b>Outcome 1</b>	Calculate quantities and prepare an order for materials for a non-consent timber framed utility building.	<b>Assessment evidence and judgement</b>
PC 1.1	Quantities of materials are calculated from working drawings and job specifications.	Evidence gathered from student's calculations and the assessor observation sheet showing: <ul style="list-style-type: none"> <li>quantities of wall and roof framing timber, cladding, fixings and fittings are calculated correctly.</li> </ul>
PC 1.2	An order for materials is prepared in accordance with working drawings and job specifications.	Evidence gathered using order list: <ul style="list-style-type: none"> <li>order is legible and correct measurement units are used.</li> </ul>
<b>Outcome 2</b>	Set out and construct a non-consent timber framed utility building under supervision.	<b>Assessment evidence and judgement (please take photos to verify)</b>
PC 2.1	Framing is set out, cut, assembled and erected in accordance with working drawings and job specifications.	Verified photos of the non-consent building project and the assessor observation sheet showing: <ul style="list-style-type: none"> <li>framing is set out, cut, assembled, and erected correctly.</li> </ul>
PC 2.2	External wall and roof cladding is fixed and the building is finished in accordance with working drawings and job specifications.	Verified photos of the non-consent building project and the assessor observation sheet showing: <ul style="list-style-type: none"> <li>external wall and roof cladding is fixed and building is finished correctly.</li> </ul>
PC 2.3	Exterior joinery is fitted in accordance with working drawings and job specifications.	Verified photos of the non-consent building project and the assessor observation sheet showing: <ul style="list-style-type: none"> <li>exterior joinery is fitted correctly.</li> </ul>
<b>Outcome 3</b>	Complete work operations under supervision.	<b>Assessment evidence and judgement</b>
PC 3.1	All operations are safely completed in accordance with workplace practice.	Evidence gathered from the non-consent building project and the assessor observation sheet showing: <ul style="list-style-type: none"> <li>appropriate PPE selected and used</li> <li>tools used correctly and safely</li> <li>personal safety and safety of others observed.</li> </ul>
PC 3.2	Workplace, tools, plant and equipment are cleaned, and tools, plant and equipment stored, in accordance with workplace practice.	Evidence gathered from the non-consent building project and the assessor observation sheet showing: <ul style="list-style-type: none"> <li>work area cleaned</li> <li>waste disposed of</li> <li>tools, plant and equipment cleaned and stored correctly.</li> </ul>