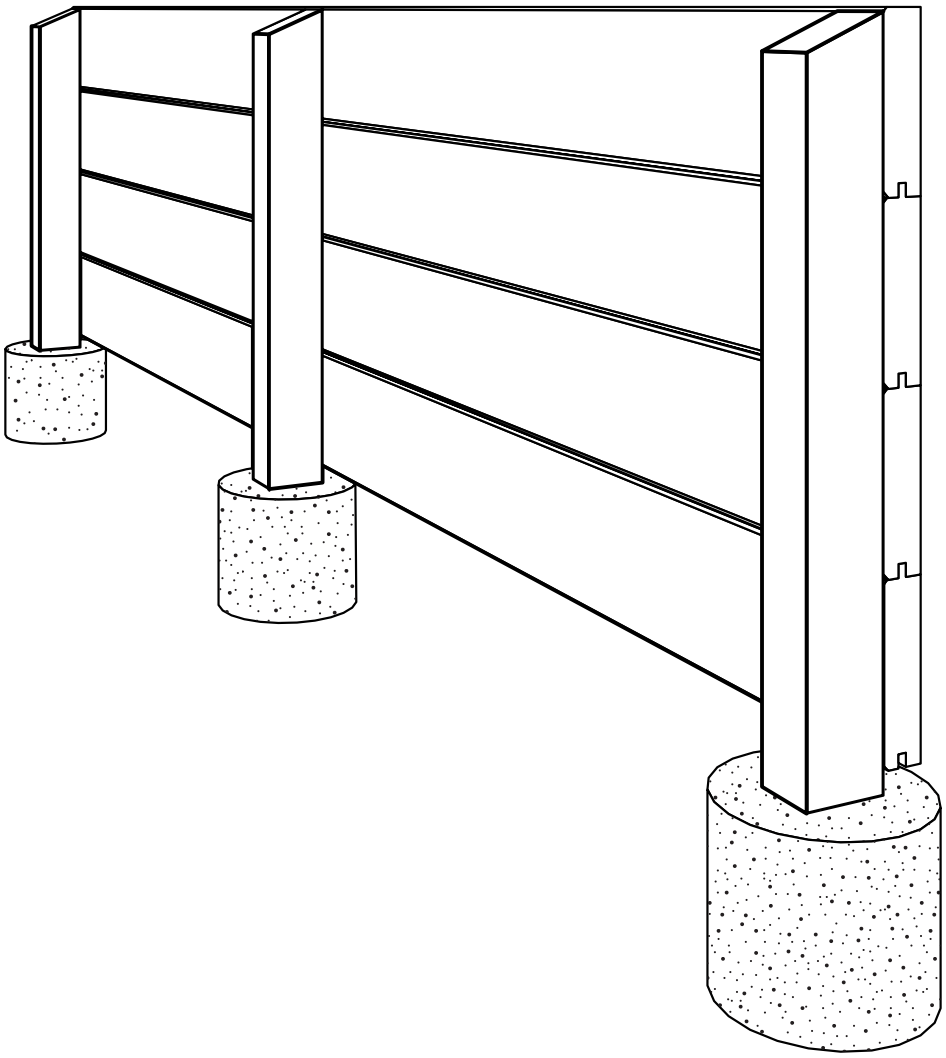
BCATS
BUILDING, CONSTRUCTION AND ALLIED TRADES SKILLS

Retaining wall

Assessment resource

Level
2



4 credits

Skill Standard 40565 (v1)

Construct a retaining wall as a BCATS project

Learner name: _____

BCATS project: _____

BCITO
He Hunga Hanga Mātou
building people

Assessment: Retaining wall

Learner instructions

This assessment is about using trade skills, without being prompted, to complete a retaining wall as a BCATS project.

You need to show you can:

- prepare a detailed materials list
- complete the project to a high standard.

The standard will not be signed off until you have completed the project.

Over the page, you will see what you need to do for this assessment.



Your teacher will observe you working throughout your project.
They will provide comments in this assessment resource as evidence to support their observations.

You will need to provide the following evidence to support this. Submit it using myBCITO or the process at your school/organisation.



A completed *Materials list* worksheet (pg. 3 in this assessment resource).



A completed *Project record* template, showing the tasks and quality checks you carried out, feedback you received, and any changes you made.

Note: If you have completed the assessment activities for Skill Standard 40558 (Plan and monitor the completion of a BCATS project – Level 2, 6 credits), you do not need to complete the project record again.



Photos that clearly show the completed wall before it is backfilled.

Photos that clearly show the quality of the completed project.

It is a good idea to use the assessment checklist in this resource to keep track of the evidence you have collected.

The grade you are awarded will be based on your ability to construct a retaining wall to a high standard.

Worksheet: Materials list

For this assessment activity, you need to show you have an understanding of a range of materials, hardware, and fastenings that can be used for retaining wall projects.

You should use information in the project brief for this activity.

In the table below, list:



- the timber type and amount needed for the project
- the ingredients and amounts needed for any concrete
- any other materials (including hardware and fastenings) needed to build the retaining wall.

Material needed	Quantity

Construct a retaining wall

For this assessment activity, you need to show you can do these things for your project without being prompted.

- Carry out ground excavation and set out foundations carefully and safely.
- Construct and complete the retaining wall to a high standard.



Your teacher will observe you working safely on your project.

Below is the other evidence you need to collect during your practical work. You should work with your teacher to make sure you've provided everything needed.



A completed *Project record* template, showing the tasks and quality checks you carried out, feedback you received, and any changes you made.



Photos that clearly show the completed wall before it is backfilled.

Photos that clearly show the quality of the completed project.

Assessment checklist: Retaining wall

To be completed by the learner and the teacher.

Assessment activity	Evidence needed	Date all evidence collected (Learner to complete)	Teacher sign-off
Materials list	A completed *Materials list* worksheet.		
Construct a retaining wall	A completed *Project record* template.		
	Photos that clearly show the completed wall before it is backfilled.		
	Photos that clearly show the quality of the completed project.		
Note: A copy of the project brief must also be included in your overall portfolio of evidence.			

Teacher observation: Retaining wall

Learner name: Project:

Teacher instructions

Below are criteria for the available grades.

Not Achieved	Achieved	Merit	Excellence
Project is not constructed to a functional standard.	Construct a retaining wall as a BCATS project.	Efficiently construct a retaining wall as a BCATS project.	Skilfully construct a retaining wall as a BCATS project.

Provide comments on the learner's ability to meet the following assessment criteria, considering everything you observed throughout the project.

Project tasks are completed to meet the project brief.	
Quality checks are carried out appropriately to monitor project progress.	

Grade awarded: Retaining wall

Teacher instructions

After considering all the evidence collected, enter the grade you will award for Skill Standard 40565, with comments that explain your decision.

Final grade		**Date**	
Justification for final grade (Provide overall comments, considering all evidence collected)			

Teacher and learner sign-off

		Date
Learner signature (Grade received and accepted)		
Teacher sign-off	Name: _____ Signature: _____	