

## Practical Project 4

Candidates Name: \_\_\_\_\_

TAFE ID Number: \_\_\_\_\_

Date of Assessment: \_\_\_\_\_

Team Member's Name: \_\_\_\_\_

\_\_\_\_\_

### Instrument Level checking (2 Peg test)

Setup and test the Instrument ( Inst. No. \_\_\_\_\_ )

	0.0 m	40.0 to 50 m	Difference
Recording from centre spot :	1 _____	2 _____	_____
Recording from 5 or 45 m spot :	1 _____	2 _____	_____

(For each field exercise a level check is required. This check must be carried out each time before you do levelling. )

(This information must be on your cover sheet)

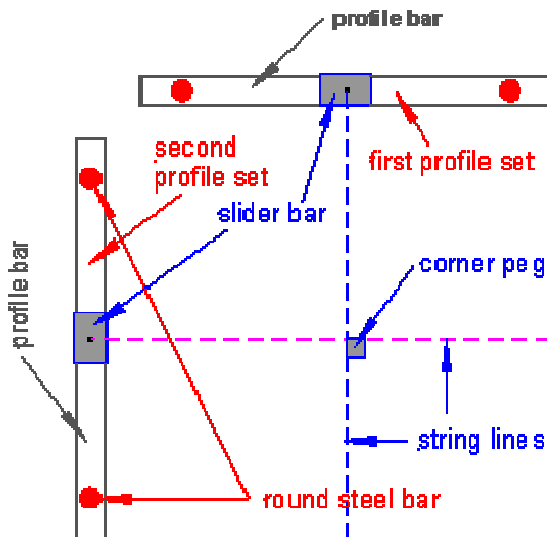
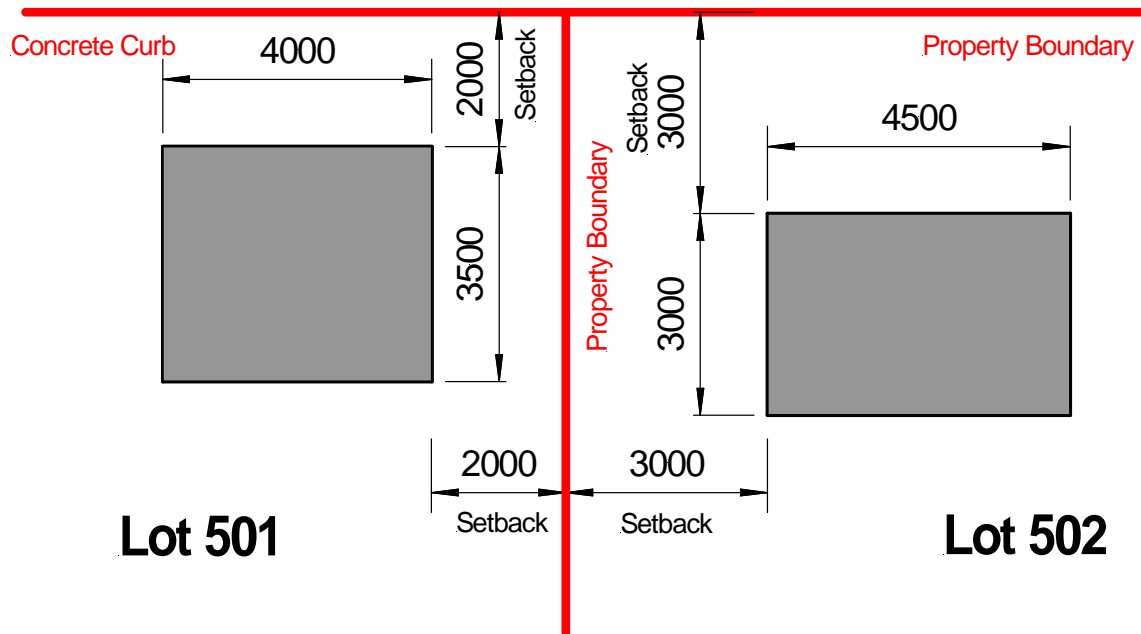
---

## **PROJECT 4**

- 1)** Set-out the building, to the sizes given, in the area shown on the "Location Plan". Take the datum from the benchmark and setup profiles cross heads at the Reduced Level (R.L) given by your lecturer.
- 2)** Refer to your Project 4 Assessment Sheet and check all set out criterion.
- 3)** When you have finished the exercise get your lecturer to assess you against the criteria at the back of this sheet and hand over your field notes.
- 4)** Have the assessment sheet for Practical Project 4 ready for lecturer's check.

Set out the building on the area allocated by your lecturer.

## Set Out Plan



Establish the property boundaries for the selected Lot and then set-up the building to the required set-backs. The front of the building must be parallel to the front boundary. Place pegs to locate position of corners of the building and then set-up the profiles at least 700mm from each corner.

Take the datum from a bench mark and set-up profiles at the required level. Make sure all profiles are at the same RL.

Tie a string line to profile boards. Set up a right angle (3,4,5) to determine the other building side. Make sure the building corner is a right angle. As soon as this is correct use offsets to string the other sides of the building. Check the building for the "[Assessment](#)" criteria.

Be careful when setting the Profiles. Please make sure you don't damage this equipment. Refer to [Set Up Photos](#) before you attempt Project 4.

Submission date: ► refer to your Learning Plan

I will be available during class times for assistance. If I'm not in class and you can't find me outside on the College ground I will be in the staff room. Please knock at the door (Staff room 1303) if you want to see me.

## Practical Project 4 Assessment Sheet

Lot No: \_\_\_\_\_

Group Leader 1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

4) \_\_\_\_\_

After completion of the exercise collect all equipment and return it to Level 4 or store it in the locker with your booking form. Key for the locker can be obtained from the receptionist or your lecturer.

Make sure you handle all equipment with care.

Accuracy Criteria	Assessment
Two peg test	Satisfactory/Unsatisfactory
Field notes	Satisfactory/Unsatisfactory
Building setback from property boundary	Satisfactory/Unsatisfactory
All profile crossheads are level	Satisfactory/Unsatisfactory
Profiles correct height relative to datum	Satisfactory/Unsatisfactory
String lines are stretched tight	Satisfactory/Unsatisfactory
Corner of lines square (3,4,5)	Satisfactory/Unsatisfactory
Size is as per specification	Satisfactory/Unsatisfactory
Diagonals are equal length	Satisfactory/Unsatisfactory