

Building Studies - Leederville Campus
Central Institute of Technology

PRACTICAL PROJECT 3

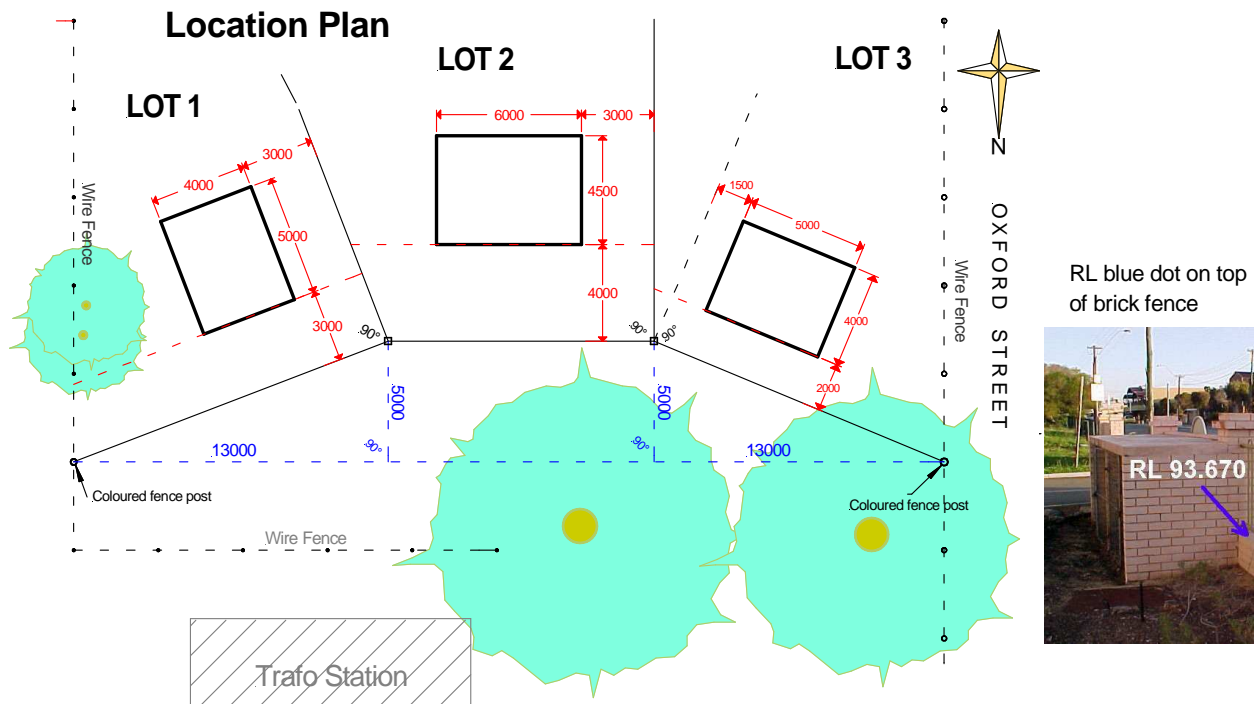
(using profiles and stringlines to set out a building)

CANDIDATE'S NAME: _____

TAFE I.D. NUMBER: _____ DATE: _____

Instructions to Candidates:

1. **Test** the Instrument (Instrument Number _____)
[Testing can be done between Block b (Music) & Block d (covered car park)]
Recording from centre spot: _____ | _____ difference: _____
Recording from 45.0m spot: _____ | _____ difference: _____
2. Set-out the building, to the sizes given, in the area shown on the "Location Plan". Take the datum from the benchmark (BM 93.670 m; see pictures below), and setup profiles cross heads at the Reduced Level (R.L) 400 mm or in increments of 50 mm above the BM) .
3. Don't forget to write your field notes. Make immediately a copy for each group member
4. 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.



Practical Project 3

Set-out on Lot No: _____

Names of persons in group:

(Refer to instruction how to set out profiles)

Accuracy Criteria	Assessment
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

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

The technician will empty the locker at 8:00 the next day.

Make sure you handle all equipment with care.