Central Institute of Technology

Apply site surveys and set out procedures to medium-rise building

WA-SIN W5904 - (BCGBC4018A)

**Name:**   **Project No**:

1. **Project considerations:**

Before you start any project work ensure you are familiar with the project task. Are you ready to do the project and is the equipment booked?

When you do surveying exercises you should have a clip-board to record your field notes. This is a team exercise and the team members need to hand in their final submission at the same time. Make sure all requirements are covered.

1. **Record the following field notes:**

Date: Start time: Finish time:

Weather conditions,

Group member:

Instruments (model & serial number),

**Two 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 \_\_\_\_\_\_\_\_           \_\_\_\_\_\_\_\_

**3. Project Report**

Refer to the project notes for the scope of the practical projects. Projects need to be submitted on due date, if not stated otherwise. Each student must **individually** submit a report. Write the reports as soon as possible after the field exercise. Individual group members will be orally assessed to verify that the competencies have been achieved.

You are required to:

* Transfer information from the two peg test to this document
* Discription: who start from the benchmark and who did the run back to the benchmark*, (RL last reading from student 1 is the benchmark for student 2),* compare your results (all RL’s) in tables (are the RL’s the same or do they deviate), if discuss why, list any problems you had with setting up the instrument, staff readings, instrument position etc.
* Prepare scaled (1:100) sketch of the exercise include all measurements for the grid points
* Draw the contour lines on

Discussion:

Compare all RL’s and distances with Partners and discuss any differences that exist. If the difference between the Benchmark RL is more than 10 mm you need to repeat the exercise.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name:** | |  | **Name:** | |
| **RL's** | **Distances** |  | **RL's** | **Distances** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |