

**Diploma of Construction Management, Quantity Surveying and Architectural Technology**

**CIBC5022 Site Survey Preparation and Analysis (Semester 1, 2022)**



**Assignment 1 Brief**

RULES OF ASSIGNMENT 1

**MARKING**

* **This assessment number 1 is worth 35%** of candidate’s course mark for CIBC5022 Site Survey Preparation and Analysis 2022
* Submission for CIBC5022 Site Preparation and Analysis Assignment 1 has now been Issued on Moodle Monday 21st March to be handed in no later than 9th May 2022 at 12 PM Noon and lodged into your groups my portfolio, under the rules 1-6 inclusive, and under the conditions 1-7, inclusive below

**RULES**

Acting in our established groups, you are to prepare a methodology report for tendering the new construction of a dental clinic at Henderson intermediate. Your report will include the following six headings which are listed below; (Choose one per person)

1. Introduction/site information
2. Site setup including setting out.
3. Barchart Programme
4. Building Services
5. Contour layout/cross sectional contour
6. Site analysis

**Heading 1** - Write an introduction with site information including a brief and a summary of the sections below constructing the new build dental clinic (Henderson Intermediate) containing

1. Address and Contact List all Contractors and Consultants
2. Lot numbers and Adjoining Lots
3. Unitary plan zone
4. Consents obtained
5. Statement of works **– 5 Marks**

**Heading 2** - Site setup including setting out - Show the following in your setting up including setting out.

i. Temp power

ii Fencing/stages

iii. TMP (Vehicle waiting area)

iv Vehicle access for construction until the client handover, practical completion and release of retentions

v Site sheds

vi Datums and Setting out Points to Transfer or Check Levels of all Works **– 5 Marks**

**Heading 3** – Describe how it is planned to set out the building in barchart programme format. Note that two classrooms will be moved before your contract starts so concentrate only on the new building but do not omit the driveway. List particularly the following items in your work breakdown structure or the main trades or main elements from which percentage completes can be taken regularly;

1. Foundations for Access Drive to meet demands of temporary works.
2. All Services Trenches and their labelling from Fairdene to Clinic for Civil works
3. New build Foundations
4. Subfloor
5. Framing
6. Cladding, etc
7. All Services within the building and their demarcation to those services brought in i. above

and any others required **– 5 Marks**

**Heading 4** – Describe the civil works and building services you will be undertaking - **– 5 Marks**

**Heading 5** - Provide a sketch plan of your cutting and filling to levels, landscape contours and cross section for Driveway Carparking and Dental Building access including;

1. Site analysis showing
2. Existing vegetation and Removed Trees
3. Azimuth
4. Site locations
5. Access
6. Map information, etc **– 5 Marks**

**Heading 6** -Describe in two parts

1. Your health and safety plan in a format showing how you will address Covid 19 risks on site and any other risks under the various elements or trades, how you plan to eliminate, reduce or mitigate those risks and lastly how you will work together with the Henderson Intermediates own Health and Safety plan for fire or lockdown
2. Your quality assurance plan as to how you will respond to those elements requested of the Main Contractor from the Preliminaries and General section of this dental new build. **– 5 Marks**

**CONDITIONS**

1. Location of your hand-in shall be your My Portfolio Group noting clearly the “Assignment 1 for the methodology for Henderson Intermediate”
2. Group submission will be loaded into My Portfolio by an individual group member so please note Condition 1. above.
3. The group’s report above is to clearly show which (if the group is less than 6), of the above sections 1-10 inclusive of the RULES has been individually contributed to by the respective group member. Note that each section showing is to show that contributor’s name, ID number and contribution separately on or before the hand in date. If your name is not on the report coversheet you will not be marked.
4. Presentation - Regarding presentation, it is to be in a report format with graphics and photos. Visits to the Henderson School site cannot be accommodated just at this time but walking around the area is possible outside the school grounds.
5. The introduction, brief and summary will start the Assignment 2 report off and finish it and will include the required tasks in a logical order describing the key activities as presented within your Heading 3.
6. Use all the site reports from consultants including plans elevations and sections including geotechnical and civil services which you can copy and use
7. In any sketches you are advised to use acceptable scales ie 1.5; 1:50: 1.100: 1:500 etc.

End