

# PROFESSIONAL PRACTICE

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# INTRODUCTION



Figure 1: Site Visit to D'Latour  
Construction Site



Figure 2: Buildings under construction

We were given an assignment that involves the three modules, which are Measurement 1, Construction Technology 1 and Building Materials, where everyone of us needs to write and produce a construction site report.

The construction site visit was held on 21<sup>st</sup> November 2014 (Friday). It was organized by our Measurement 1 lecturer, Sr. Ang Fuey Lin. The construction site named D'Latour Construction Site and it is located nearby Taylor's University Lakeside Campus.

The purpose of the site visit was simple which is we needed to understand and visualise the theory taught in class. The site visit would allow us to have a hand on review and a clear understanding on constructing.

Before the day arrives, our name, student ID and I.C. number were collected to confirm our attendance. All of us managed to attend this construction site visit. We were also required to have our own safety helmet. In the beginning of that day, there were some communication misunderstanding with our friends which resulted to some delay of schedule. But nevertheless, we still reached and had a blast of our time.

# OBJECTIVES

To let us experience the actual working environment as a Quantity Surveyor and understanding the situations in dealing with unsure or uncertain circumstances such as weather conditions and to familiarize with the actual working atmosphere on site where the risk may always be happened on site. Hence, this will help us where we can adapt easily once we start to do work as a Quantity Surveyor in the near future.

To gain more knowledge in understanding that what we have learnt from what we have studied and also understand new things that we have not studied before, which we can see in real life at the construction site such that it can increase our knowledge on the basic construction process by observing the workers and other information that are carried on site.

To broaden our horizons with information of the latest and newest construction technology used on construction technology. We have a chance to observe the usage of the construction equipment on site including mechanical plants that commonly used on the construction site. To have an understanding of how the building is constructed in relating with the drawings.

To give us an opportunity to explore and recognize different sorts of building materials and construction technology used on the site.

To understand and be aware of the importance of safety on site where we need to take care by following the safety precautions and other instructions that will help us avoid any accidents or injuries that can happen in the future once we enter into a construction site.

To make us understand the significance of teamwork and communication skills while working together with the construction team members on site.

The most important is this outdoor experience provided us with a more in-depth and hands on experience on Civil Engineering Construction. We were able to question, understand and absorb the logic behind the machineries, construction techniques, and methodology theory learnt in class.

# CONTENT/ TECHNICAL OBSERVATION

The site visit was held on 21<sup>st</sup> of November 2014. A few days before we went for the site visit, Sr. Ang Fuey Lin gave us a brief lecture about the safety precautions that we should be alert of when we enter a construction site. The site consisted of many possible death threats or potential threats where fatal accidents can occur.

On the day of our site visit, some of us went there by car or carpooled while the others walked to the site. The construction site, which is within the mature township of Bandar Sunway is a stone's throw away from Taylor's University Lakeside Campus. We took about five minutes to reach the construction site. As we enter the construction area at 10am, the contractor and others who were in charge of our site visit greeted us.

Upon arrival, we were all inspected, the management had to ensure that we were all properly attired with safety helmet and covered shoes before we were allowed to go in. A safety helmet or a head protection is required in all construction industry where there is a threat of being injured by dropping objects, collapsing structures and protruding extensions. It was a standard protocol at all construction sites. Safety is after all the most important aspect in a construction project. While we are wandering on the construction site, we should always be aware of our steps. We must avoid stepping on the formworks as there might have rails around the construction area. A tetanus shot is needed if we get hurt by rusty nails.

On the way to the main entrance of the site, we observed what was around the site.



Figure 3: All of us were gathered outside the construction site.

After that the contractor briefed us about the building, which they are constructing. The development name of this building is D' Latour. It is a two blocks 27-storey uniquely designed mixed property, which comprises of 629 units of Designer Duplex Suites, 332 units of Service Residence and 10 F&B outlets within the property. Only units above 20<sup>th</sup> floors have 2 car parks, the rest of the units come with one car park. One of the signature features has to be the Azure swimming pool on the common floor (5<sup>th</sup> floor), as well as the Azure Lounge beneath the pool.

Currently, the construction has only finished the levels of the basement and car park. Hence, due to the issue of safety reason, we as a lawful visitor can only be limited to those few areas.

After that, we began our visit, which we were starting from the basement level. On the way to that area, we took many photos as the materials of our reports.



Figure 14: Clear passageway with rubbish-free and well-lit.



Figure 15: Basement level (car park)