

The Eighth Working Trip to Guigang

(9th – 10th November, 2019)

By Li Hon Yuen – BEng (CivE) IV

The eighth working trip to Guigang was led by Dr Ryan C. P. Wong & Mr Keith K. M. Chan together with 3 students from Project Mingde, all of which were from the Department of Civil Engineering. The objectives of this trip were to discuss the design of the kindergarten building, to do the inspection on the completed toilet, to confirm the schedule of the kindergarten project and to conduct surveying on the particular locations with missing heights.

The first day mainly consisted of discussions with the school principal, architect Elis, a local contractor and the local government representatives. The discussion started with the design of the kindergarten building. Changes made on the headroom of the accommodation, design of the elevated staircase, washroom and a few structural designs from were proposed. Most of the suggestions were accepted. However, Elis has to reconsider the proposed change on the headroom of the rooms in the building. Meanwhile, she proposed a new design for the wall of the building, instead of the tiles wall. In addition, the addition of the water tanks, the shield for the staircase and steps on the entrance of each room were also proposed

After that, the discussion focused on the progress of the kindergarten project. It was mentioned that the ground investigation report is only valid within the year in which the investigation underwent. Therefore, the ground investigation was suggested to be conducted in 2020. Furthermore, the items of the feasibility investigation and the ground investigation were discussed.

The toilet has been entirely completed with a water supply and ready for usage. However, there are still some minor problems regarding the water flushing system and the installation of the pipe. Temporary measures have been taken to fix the problems.

On the second day, the discussion continued at school and the full schedule of the kindergarten was confirmed with the local contractor. With the clearing process, feasibility study and architectural design completed within 2019, the ground investigation and construction work could start in January 2020 and the main-body structure was expected to be finished before September 2020.

After that, the surveying was conducted on the region where the kindergarten building would be built and the slope behind the school fence wall. The data recorded would be used to estimate the volume of the soil or structure removed during the clearing process.

The afternoon of the second day consisted of the return to Hong Kong.

List of team members for the trip

Teaching staff:

Dr. Ryan C.P. WONG

Mr. Keith K. M. Chan

Undergraduate students:

Li Hon Yuen - BEng (CivE) III

Chan Chak Kwan - BEng (CivE) II

Cheung Wang - BEng (CivE) II