

Working Trip to Daping (20th to 23rd October, 2016)

By Wong Kwun Hei (Calvin) – BEng(CivE) III

From 20th to 23rd of October in 2016, a group of eleven members of Project Mindge with Dr. Ryan C. P. Wong went to Daping Village in Guangxi Province of China. The purposes of this trip included a further supervision on the project of the teacher dormitory in Daping Primary School based on the previous reports and confirmation of the design with both local contractors and architects from Shanghai.

On the first day of the trip, we met at Lok Ma Chau Station in the morning and almost spent the whole day travelling from Hong Kong to Tonglin by Shenzhen Metro, High Speed Train and local coach.

On the second day, we had spent around 1.5 hours travelling from Tonglin to Daping Primary School by coach in the morning. The features of Daping Primary School and the reason of building the teacher dormitory were introduced by Dr. Wong and Jimmy Mok before we supervised the construction, especially to those who join the project at the first time. After lunch, we had divided into two groups to look at different issues. The first issue was the dimensioning of the building structure. Dimensions of the structure were recorded by our members for the purposes of confirmation of stability and finishing the as-built drawing in the future. The second issue was some design problems that should be discussed with Ir. Lu, the local contractor. Problems associated with the design of drainage system, change in reinforcement design of beam and column, detailed design of the of septic tank and shelter, and the non-structural design of the balconies. After discussion with Engineer Lu, we were satisfied with the final solution and the solution would be further confirmed by architects on the next day. At night, after we moved back to the hotel in Tonglin, we had a meeting with the two architects from Shanghai who had just arrived. The purpose of this meeting was just briefed the design change to them before going to site visit.

On the third day, we travelled from Tonglin to Daping again with two architects in the morning. However, due to construction process of concrete road, we needed to get off the coach and walked for around 1 hour in order to arrive at Daping Primary School. After arriving the school, meeting included Ir. Lu and two architects from Shanghai was held. The purpose of this meeting was to ask for approval for the design change, especially in the drainage system and confirmation of material used in doors and balconies. After lunch, we travelled from Daping Primary School to Rongshui for the purpose of return trip. We arrived in Rongshui at night and stayed in a hotel there.

On the last day, we travelled from Rongshui to Hong Kong on the last day with the same method of the first day and dismissed in Shenzhen.

List of team member for the trip:

Ir Dr Ryan C.P. Wong

11 student members:

CHAN Lik Ho (Nickel) – Beng(CivE) II

CHEUNG Hok Kan (Denis) – Beng(CivE) III

KONG Yuk Yin (Zoe) – Beng(CivE) II

KOT Yiu Kwan (Anson) – Beng(CivE) III

LAW King Ho (Owen) – Beng(CivE) III

LEUNG Chiu Ho (Jerry) – Beng(CivE) II

LO Kwun Yu (Leo) – Beng(ME) III

MOK Ming Fai (Jimmy) – Beng(CivE) III

SIN Chak Wa (Steven) – Beng(CivE) III

SIU Han (Nette) – Beng(CivE) II

WONG Kwun Hei (Calvin) – Beng(CivE) III