

POON Tsing, BEng (CivE) IV

The trip to Shanghai was a rewarding experience which taught me an important lesson about engineering design.

Prior to the trip, several team members and I have spent two weeks in working on a structural scheme as an alternative to current scheme. It was a difficult but intriguing process: there were a number of potential design and we had to make adequate judgements to justify the most suitable scheme. We all learnt more about the methodology of conducting structural analysis and making judgement based on our engineering sense.

On the 23rd of August, we visited the headquarter of JWDA in Shanghai to present our proposal to all stakeholders of this project. After it had been reviewed by the engineers and architects, we know that our scheme applied in theory but not in practice, especially when our proposal did not satisfy certain regulations from the China Code of Practice.

Next, our teachers discussed the concerns that may hinder the commence of the project with the stakeholders. Throughout the discussion, we understood more about the building practices in Mainland China and the issues that had to be tackled before the commence of the project, such as the finalization of structural design and site constraints.

In conclusion, this short trip gave us deeper understanding to the project and building practices in China. We look forward to continuing our work in Project Daping in the near future.