

Technical Visit to Sub-Structure of Hotel, Retail Podium and Associated Works for the Proposed Lot 185, 167 & 176 Mixed Development at Persiaran KLCC, Kuala Lumpur City Centre.

by Mr. Loh Wooi Chuan

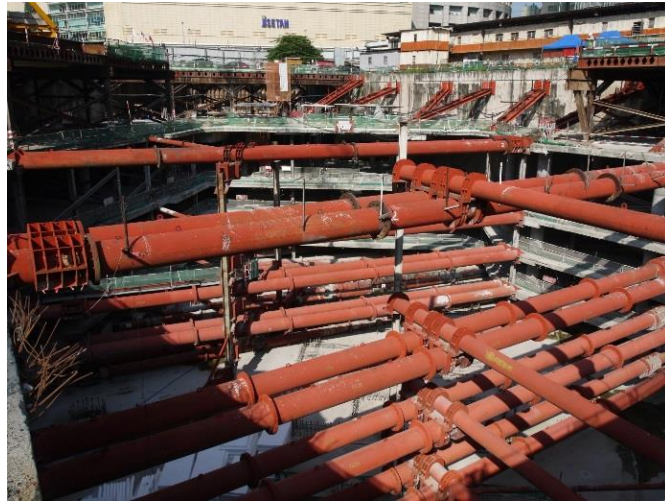
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A technical visit to Lot 185, 167, & 176 Mixed Development at Persiaran KLCC substructure construction site was organized by the Geotechnical Engineering Technical Division on 16th December 2017. A group of 41 participants attended the site visit. The proposed Lot 185, 167, 176 mixed development, Kuala Lumpur City Centre (KLCC), will be developed on a land area of 4.231 acres, next to KLCC Twin Tower. The mixed development consists of the 56 and 77-storey towers, 6-storey retail podium and 4-6 level basement car park. Upon completion, this development will have total GFA of 4,959,411 sq. feet. During the visit, the semi-top down sub-structure construction was ongoing.

The participants departed from IEM Building by coach and reached client's office at Menara Atlan, Jalan Ampang. Upon arrival, we were greeted warmly on site by Dato's Hashimah Hashim, Executive Director of KLCC Projek Sdn Bhd, the representatives from the client KLCC Holdings. The technical visit started with a safety briefing and the participants were given detailed briefing of the project and current progress of the works by the project personnel, namely En Bakhrul Fikri Baharom from KLCC Projek Sdn Bhd and followed by some refreshment before we started our site walk. After the refreshment, a group of 41 participants were leaded by KLCC project team and walked to project site and given a detailed safety briefing again at construction site by project contractor – Sunway Construction Sdn Bhd.

During our visit, the participants had chance to witness the casting of 4.0m thick raft with concrete volume of 7,000m³ and continued casting for 48 hours. We were briefed on the construction activities at every level of the basement and have chance to walked down 6 level basements that under construction. All participants were impressed by the mega strutting system that been used at the site. After the site walk which been last for one and a half hour, we continued our project briefing at client's office. A series of detailed presentation were prepared by the project team. Detailed design presentation of the overall project was briefed by Mr Tony, representative from Ranhill Bersekutu and Mr Lim Tze Keat from Perunding Arup. En Yusof Yoon, representative from Sunway Construction Sdn Bhd gave a very detailed presentation on construction challenges of the foundation work due to the geological challenges of the site. 2.2m diameter bored pile been installed at the project site with long socket into limestone formation at the site. Detailed QA/QC and testing methods of the foundation construction been discussed during the presentation.

During the last session, the project manager from KLCC Projek Sdn Bhd En Mohd Zaim Mohamed Tahir delivered the closing speech during the closing session and presented a souvenir to IEM GETD. IEM GETD also presented some tokens of appreciation to the project team including KLCC Projek Sdn Bhd, Perunding Arup, Ranhill Bersekutu and Sunway Construction. The technical visit was concluded with lunch (with courtesy of KLCC Projects Sdn Bhd).



Site visit



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