

## **TECHNICAL VISIT TO PAVILLION DAMANSARA UNDERGROUND CONSTRUCTION SITE**

**Organised by: Tunnelling & Underground Space Technical Division, IEM**  
**BEM Approved CPD/PDP Hours: 3 Ref No: IEM19/HO/285/V**

**Date** : 20<sup>th</sup> July 2019 (Saturday)  
**Time** : 8.00am – 1.30pm  
**Venue** : Pavillion Damansara Project Site  
**Transport** : Coach will be provided. (Coach will depart at 8.30am sharp)

### **BACKGROUND**



Offices in the original buildings of Damansara Town Centre were occupied by government ministries and departments as well as other private corporations such as Damansara Realty Berhad, Indah Water Konsortium, HELP University College and Johor Corporation (J-Corp). Department of Immigration Malaysia and Ministry of Housing, and Local Governments Malaysia also used to have their offices here and have since moved to Putrajaya, while passport renewal services were relocated to Pudu Sentral several years ago. In 2014 it was announced that the original buildings of Damansara Town Centre will be demolished and redeveloped as office buildings, apartments, and hotel, the sister of the Pavilion Mall in Bukit Bintang in downtown Kuala Lumpur. The two-phase Pavilion Damansara mixed-use development in which sits on a 16 acres piece of land in Pusat Bandar Damansara, Kuala Lumpur, will be targeted for completion in 2021. The mixed development comprises of office blocks, residential towers, hotel with underground basement structure that is located within the vicinity of two existing MRT stations – Pusat Bandar Damansara and Semantan.

### **PROJECT BRIEF**

The technical visit aims to allow the participants to have an eye-opening and better understanding on the massive underground space development implemented with both the top down and semi town down construction methodology in one of the deepest excavations up to 8-storeys basement on brownfield site in the Klang Valley with the integration of large diameter foundation elements and earth retaining structure. Great challenges to both the design and construction works kick in when dealing with the vast demolition works, while maintaining the more than 30 years old existing counterfort wall, reinforced earth (RE) wall, monsoon drain coupled with removal of over five thousand points of widely spread existing foundation piles in the way of newly proposed foundation system. This development also complies with the regulatory requirements of Mass Rapid Transit Corporation due to close proximity, especially on railway protection in-line with the Railway Act and establishment of comprehensive instrumentation monitoring scheme to railway system along with the basement construction works.

**TENTATIVE ITINERARY – (subject to change without prior notice)**

Time	Itinerary
8.00am	Gather and registration at IEM Building
8.30am	Group departing from IEM Building to site
9.15am	Arrival of participants at site
9.30am-10.15am	Project/HSSE briefing
10.30am-12.30pm	Site visit
12.30pm-1.30pm	Back to IEM Building

Commitment Fees (Non refundable & non transferrable)	
IEM Member	: RM 50.00
Non Member	: RM 80.00

- The visit is strictly limited to **30 participants** registered on a first-come, first-served basis.
- Interested participants are to register and pay online at [www.myiem.org.my](http://www.myiem.org.my) or register by returning the appended registration form before or by **12<sup>th</sup> July 2019** together with payment.
- Cheques are to be made payable to The Institution of Engineers, Malaysia.
- Please note that the commitment fee must be settled prior to the visit.
- After the closing date, IEM reserves the right to allocate seats to other registrants on a first-come first-pay basis.
- Intended participants are also reminded that IEM may cancel the reservation if payment is not received before the closing date.
- Please observe the ‘NO Photography Allowed’ policy at the construction site.
- **SAFETY REMINDER:** Participants shall be well equipped with their own PPE equipment, i.e. safety helmet, high visibility safety vest and safety boots to be allowed access into the site.

**REPLY SLIP**

Chairman  
Tunnelling & Underground Space Technical Division  
The Institution of Engineers, Malaysia  
PO Box 223 (Jalan Sultan),  
46720 Petaling Jaya, Selangor

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I wish to participate in the above visit. I enclosed herewith a cheque no. .... for the amount of RM..... as my commitment fee for the visit.

Name of Member : ..... M’ship No.: .....  
 Address : ..... Grade : .....  
 ..... Tel (Office): .....  
 ..... Tel (Mobile): .....  
 Company’s Name : ..... Email : .....

**PERSONAL DATA PROTECTION ACT:**

*I have read and understood the IEM’s Personal Data Protection Notice published on IEM’s website at <http://www.myiem.org.my> and I agree to IEM’s use and processing of my personal data as set out in the said notice.*

*I will be participating in the visit at my own risk and hereby indemnify fully The IEM from all claims arising from any injury, damage or loss that may be sustained by me.*

.....  
(Date)

.....  
(Signature)

- Please bring along this flyer for confirmation of attendance - -Photocopies are acceptable –