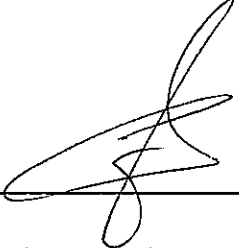


MTR Corporation Limited

West Island Line Project

Proposal for Alternative Noise Monitoring Stations of  
CN7 and CN11

Verified by:  \_\_\_\_\_

Position: Independent Environmental Checker

Date: 11 August 2010

MTR Corporation Limited

West Island Line Project

Proposal for Alternative Noise Monitoring Stations of  
CN7 and CN11

Certified by: Glenn Frommer  
Position: Environmental Team Leader  
Date: 9 August 2010

## **Baseline Monitoring Requirements**

Based on the approved WIL EM&A Manual, baseline monitoring should be carried out before construction works for noise and air as specified in EM&A Manual Tables 2.2 and 9.1.

Table 1 below shows the original noise monitoring locations where access is not allowed for the noise monitoring as specified in the EM&A Manual Tables 2.2.

Table 1 Noise Monitoring Station

<b>Identification No.</b>	<b>Noise Monitoring Location</b>
CN7	NSR UNI7 – The Bauhinia
CN11	NSR UNI6 – Sun Shing Building

## **Alternative Monitoring Location**

In accordance with EM&A Manual clause 2.11, alternative noise monitoring locations are proposed based on the following criteria:-

- Monitoring at sensitive receivers close to the major site activities which are likely to have noise impacts.
- Monitoring close to the noise sensitive receivers as defined in the Technical Memorandum.
- Assurance of minimal disturbance to the occupants during monitoring in the vicinity of sensitive receivers.
- Approval from the Engineer's Representative has been sought.

In accordance with EM&A Manual clause 2.12, the monitoring station shall be at a point 1m from the exterior of the noise sensitive façade and be at a position 1.2m above ground for the proposed alternative noise monitoring locations as mentioned in Table 1.

### **The Bauhinia (CN7)**

As the premise is being used as services apartment which is fully air-conditioned without openable windows and its name is called “Domus U”. Monitoring at this premise is not applicable in accordance with the EM&A Manual clause 2.11. An alternative location is identified at the adjacent building, Bowie Court as shown in **Figure 1** which satisfies the criteria mentioned above. Access has been obtained from the building management office and representative of the premise.

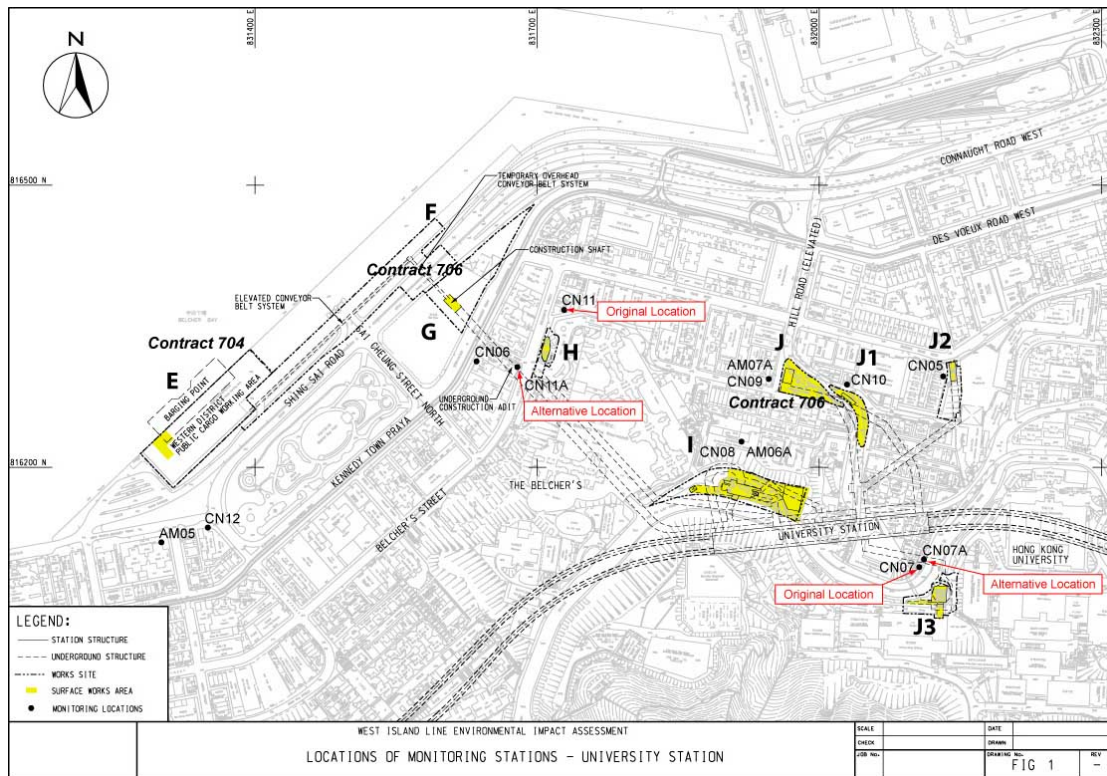
The alternative location for CN7 – The Bauhinia is therefore proposed as Bowie Court.

### **Sun Shing Building (CN11)**

Discussions were conducted with the building management office and representative of the premise for authorization of access to the premise for the noise monitoring. However, the access was declined by the building management office and representative of the premise. An alternative location is identified at the Yick Fung Garden (Block B) as shown in **Figure 1** which satisfies the criteria mentioned above. Access has been obtained from the building management office and representative of the premise.

The alternative location for CN11 Sun Shing Building is therefore proposed as Yick Fung Garden (Block B).

Figure 1 Alternative Monitoring Locations for CN7a and CN11a



### Revised Baseline and Impact Monitoring Locations

Based on the criteria as stated in the WIL EM&A Manual clause 2.11, the revised noise monitoring locations as shown in Table 2 are considered appropriate for the monitoring and audit of construction noise impacts during the construction phase of the WIL Project.

Table 2 Revised Noise Monitoring Locations

<b>Identification No.</b>	<b>Noise Monitoring Location</b>	<b>Photograph</b>
CN7a	Bowie Court	
CN11a	Yick Fung Garden (Block B)	