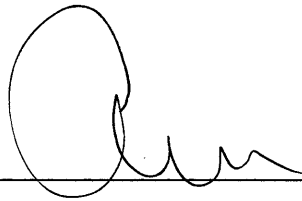


MTR Corporation Limited

Kwan Tong Line Extension (KTE)

Alternative Monitoring Location Proposal for
Operational Ground-borne Noise Monitoring Location at
GN1 – New King's Hotel

Verified by: _____

A handwritten signature in black ink, consisting of a large, stylized 'Q' followed by several loops and a horizontal stroke.

Position: Independent Environmental Checker

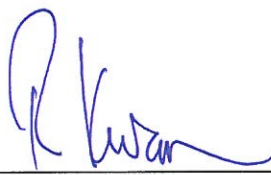
Date: _____

4 Mar 2016

MTR Corporation Limited

Kwan Tong Line Extension (KTE)

Alternative Monitoring Location Proposal for
Operational Ground-borne Noise Monitoring Location at
GN1 – New King’s Hotel

Certified by:  _____

Position: Environmental Team Leader

Date: 4 March 2016

MTR Corporation Limited

Kwun Tong Line Extension (KTE)

Alternative Monitoring Location Proposal for
Operational Ground-borne Noise Monitoring Location at
GN1 – New King’s Hotel

1. INTRODUCTION

As specified in the approved KTE EM&A Manual Table 6.2, operational ground-borne noise (GBN) performance test should be carried out at GN1 – New King’s Hotel (currently known as the Kings de Nathan Hotel). The property will be handed back to the owner for redevelopment in April 2016, which does not match with the current schedule of conducting operational GBN performance test in May 2016 tentatively. This proposal is prepared to propose alternative monitoring location to replace GN1.

2. PROPOSED ALTERNATIVE MONITORING LOCATIONS

To arrange the operational GBN performance test in accordance with the requirement in the KTE Environmental Permit (EP) EP-399/2010/D Condition 4.4 and EM&A Manual section 6, a visit to the operational GBN monitoring locations has been conducted in February 2016 and consents have been obtained from representatives of the concerned Noise Sensitive Receivers. However, as advised by the operator of the Kings de Nathan Hotel (formerly known as the New King’s Hotel) the current hotel business will be terminated and the property will be handed over to the owner in April 2016. However, the operational GBN performance test is currently scheduled in May 2016 tentatively. It is concluded that the GBN performance test cannot be conducted at the GN1.

In accordance with EM&A Manual section 6.2.4.2, alternative GBN monitoring location should be chosen based on the following criteria:

- The monitoring location should be close to the alignment of the tunnel; and
- Avoiding disturbance to the occupants during monitoring with the sensitive receivers.

Based on the above criteria, Hong Lok House is considered as the alternative monitoring location since it is the nearest sensitive receiver to GN1 along the tunnel alignment, and its lowest sensitive floor is at the same level of that of GN1. **Figure 2a** presents the location of GN1 and the alternative monitoring location of Hong Lok House (hereafter as GN1a) while **Figure 2b** shows current condition of GN1a.

A site visit to Hong Lok House has been conducted on 26 February 2016 and consent from the management office of Hong Lok House to conduct GBN performance test was obtained.

Figure 2a – Monitoring Location of GN1 Kings de Nathan and Proposed alternative monitoring GN1a Hong Lok House

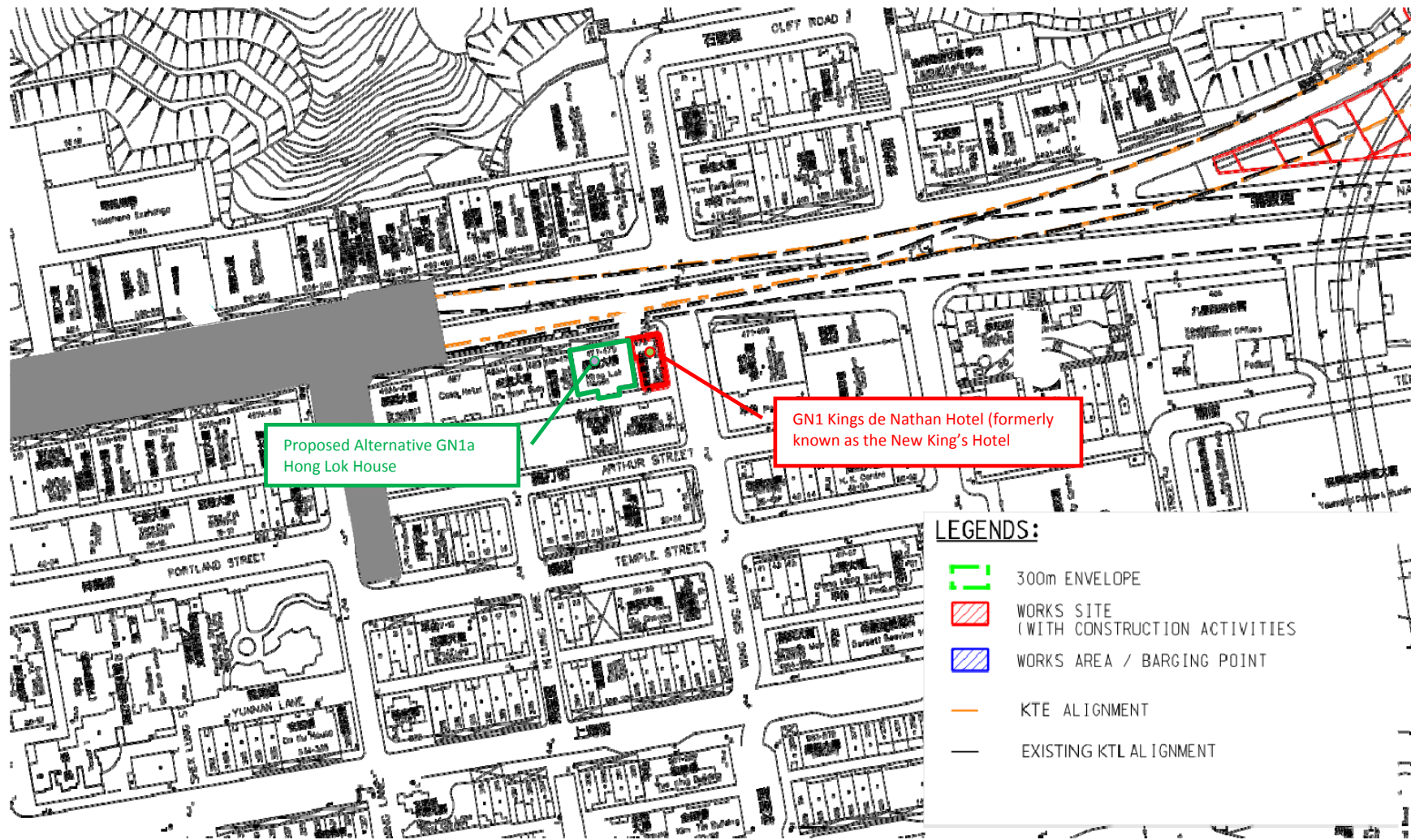


Figure 2b – Current condition of Hong Lok House GN1a



3. *CONCLUSION*

Based on the criteria as stated in the KTE EM&A Manual, the proposed alternative operational GBN monitoring location, Hong Lok House, to replace GN1 – Kings de Nathan Hotel is considered appropriate for the operational GBN performance test.