

本署檔號
OUR REF: f(11) in Ax(2) to EP2/G/A/124 Pt.22
來函檔號
YOUR REF:
電話 2835 1581
TEL. NO.:
圖文傳真 2591 0558
FAX NO.:
電子郵件
E-MAIL:
網址
HOMEPAGE: <http://www.epd.gov.hk>

Environmental Protection Department
Branch Office
28th Floor, Southorn Centre,
130 Hennessy Road,
Wan Chai, Hong Kong.



環境保護署分處
香港灣仔
軒尼詩道
一百三十號
修頓中心廿八樓

14 October 2015

MTR Corporation Limited

Environmental Impact Assessment (EIA) Ordinance, Cap. 499
Application for Variation of an Environmental Permit

Project Title: Shatin to Central Link – Tai Wai to Hung Hom
(Application No. VEP-484/2015)

I refer to your above application received on 18 September 2015 for variation of an environmental permit under Section 13(1) of the EIA Ordinance.

Pursuant to Section 13(5) of the EIA Ordinance, we have amended the Environmental Permit (EP-438/2012/H). We attach the Environmental Permit as amended (EP-438/2012/I) for your use.

Under Section 15 of the EIA Ordinance, the amended Environmental Permit will be placed on the EIA Ordinance Register. It will also be placed on the EIA Ordinance website (<http://www.epd.gov.hk/eia/>)

Please note that if you are aggrieved by any of the conditions imposed in this Permit, you may appeal under Section 17 of the EIAO Ordinance within 30 days of receipt of this Permit.

Should you have any query on the above, please contact our Mr. Terence Tsang at Tel: 2835 1868.

Yours sincerely,

(Maurice YEUNG)

Principal Environmental Protection Officer
for Director of Environmental Protection

Encl.: EP-438/2012/I

Internal

S(RN)4, S(RE)2, S(RE)5, S(RE)6

ENVIRONMENTAL IMPACT ASSESSMENT ORDINANCE
(CHAPTER 499)
SECTIONS 10 and 13
環境影響評估條例
(第 499 章)
第 10 條及 13 條

ENVIRONMENTAL PERMIT TO CONSTRUCT AND OPERATE
A DESIGNATED PROJECT
建造及營辦指定工程項目的環境許可證

PART A (MAIN PERMIT)
A 部 (許可證主要部分)

Pursuant to Section 10 of the Environmental Impact Assessment Ordinance (the Ordinance), the Director of Environmental Protection (the Director) granted the environmental permit (No. EP-438/2012) to the **MTR Corporation Limited** (hereinafter referred to as the "Permit Holder") on 22 March 2012. Pursuant to Section 13 of the EIAO, the Director amends the environmental permit (No. EP-438/2012/H) based on the Application No. VEP-484/2015. The amendments, described below, are incorporated into this environmental permit (No. EP-438/2012/I). This environmental permit as amended is for the construction and operation of the designated project described in Part B subject to the conditions specified in Part C. The issue of this environmental permit is based on the documents, approvals or permissions described below:

根據《環境影響評估條例》(環評條例)第10條的規定，環境保護署署長(署長)於2012年3月22日將環境許可證(No. EP-438/2012)批予**香港鐵路有限公司**(下稱“許可證持有人”)。根據環評條例第13條的規定，署長因應更改環境許可證的申請編號VEP-484/2015修訂環境許可證(No. EP-438/2012/H)。以下修訂已包含在本環境許可證內(編號EP-438/2012/I)。本經修訂的環境許可證作為建造及營辦B部所說明的指定工程項目，但須遵守C部所列明的條件。本環境許可證是依據下列文件、批准或許可而簽發：

Application No. 申請書編號	VEP-484/2015
Document in the Register: 登記冊上的文件：	<ol style="list-style-type: none">Shatin to Central Link (SCL) - Tai Wai to Hung Hom Section (Register No. AEIAR-167/2012) :<ul style="list-style-type: none">Environmental Impact Assessment (EIA) Report (October 2011) [Hereafter referred to as "the SCL(TAW-HUH) EIA Report"]Environmental Monitoring and Audit (EM&A) Manual (October 2011) [Hereafter referred to as "the SCL(TAW-HUH) EM&A Manual"]Executive Summary (October 2011)沙中線-大圍至紅磡段(登記冊檔號：AEIAR-167/2012):<ul style="list-style-type: none">環境影響評估報告(2011年10月)[下稱“SCL(TAW-HUH)環評報告”]環境監察審核手冊(2011年10月)[下稱“SCL(TAW-HUH)環監手冊”]行政摘要(2011年10月)Shatin to Central Link (SCL) – Stabling Sidings at Hung Hom Freight Yard (Register No. AEIAR-164/2012) :<ul style="list-style-type: none">Environmental Impact Assessment (EIA) Report (October 2011) [Hereafter referred to as "the SCL(HHS) EIA Report"]Environmental Monitoring and Audit (EM&A) Manual (October 2011) [Hereafter referred to as "the SCL(HHS)EM&A Manual"]Executive Summary (October 2011)



2. 沙中線-位於紅磡貨運站的列車停放處 (登記冊檔號: AEIAR-164/2012):
 - 環境影響評估報告 (2011 年 10 月) [下稱“SCL(HHS)環評報告”]
 - 環境監察審核手冊 (2011 年 10 月) [下稱“SCL(HHS)環監手冊”]
 - 行政摘要(2011 年 10 月)
3. The Director's letter of approval of the SCL(TAW-HUH) EIA Report dated 17 February 2012, (ref. (28) in Ax (2) to EP 2/G/A/124 Pt.7)
3. 署長於 2012 年 2 月 17 日發出 SCL(TAW-HUH)環評報告的批准信, 檔案編號: ((28) in Ax (2) to EP 2/G/A/124 Pt.7)
4. The Director's letter of approval of the SCL(HHS) EIA Report dated 17 February 2012, (ref. (30) in EP 2/G/A/160 Pt.3)
4. 署長於 2012 年 2 月 17 日發出 SCL(HHS)環評報告的批准信, 檔案編號: ((30) in EP 2/G/A/160 Pt.3)
5. Application for Environmental Permit submitted on 23 February 2012 (Application No. AEP-438/2012) [Hereinafter referred to as the "Application"]
5. 於 2012 年 2 月 23 日 提交的环境許可證申請文件 (申請書編號: AEP-438/2012) [下 稱 「 申 請 書 」]
6. Environmental Permit issued on 22 March 2012 (Permit No. EP-438/2012)
6. 於2012年3月22日簽發的環境許可證 (許可證編號EP-438/2012)
7. Application for Variation of Environmental Permit including all attachments submitted by the Permit Holder on 28 June 2012 (Application No. VEP-370/2012)
7. 許可證持有人於 2012 年 6 月 28 日提交的更改環境許可證申請包括所有附件(申請書編號 VEP-370/2012)
8. Environmental Permit issued on 12 July 2012 (Permit No. EP-438/2012/A)
8. 於 2012 年 7 月 12 日簽發的環境許可證 (許可證編號 EP-438/2012/A)
9. Application for Variation of Environmental Permit including all attachments submitted by the Permit Holder on 17 October 2012 (Application No. VEP-382/2012)
9. 許可證持有人於 2012 年 10 月 17 日提交的更改環境許可證申請包括所有附件(申請書編號 VEP-382/2012)
10. Environmental Permit issued on 26 October 2012 (Permit No. EP-438/2012/B)
10. 於 2012 年 10 月 26 日簽發的環境許可證 (許可證編號 EP-438/2012/B)
11. Application for Variation of Environmental Permit including all attachments submitted by the Permit Holder on 15 April 2013 (Application No. VEP-401/2013)



11. 許可證持有人於 2013 年 4 月 15 日提交的更改環境許可證申請包括所有附件(申請書編號 VEP-401/2013)
12. Environmental Permit issued on 30 April 2013 (Permit No. EP-438/2012/C)
12. 於 2013 年 4 月 30 日簽發的環境許可證 (許可證編號 EP-438/2012/C)
13. Application for Variation of Environmental Permit including all attachments submitted by the Permit Holder on 30 August 2013 (Application No. VEP-412/2013)
13. 許可證持有人於 2013 年 8 月 30 日提交的更改環境許可證申請包括所有附件(申請書編號 VEP-412/2013)
14. Environmental Permit issued on 13 September 2013 (Permit No. EP-438/2012/D)
14. 於 2013 年 9 月 13 日簽發的環境許可證 (許可證編號 EP-438/2012/D)
15. Application for Variation of Environmental Permit including all attachments submitted by the Permit Holder on 19 March 2014 (Application No. VEP-432/2014)
15. 許可證持有人於 2014 年 3 月 19 日提交的更改環境許可證申請包括所有附件(申請書編號 VEP-432/2014)
16. Environmental Permit issued on 4 April 2014 (Permit No. EP-438/2012/E)
16. 於 2014 年 4 月 4 日簽發的環境許可證 (許可證編號 EP-438/2012/E)
17. Application for Variation of Environmental Permit including all attachments submitted by the Permit Holder on 20 June 2014 (Application No. VEP-444/2014)
17. 許可證持有人於 2014 年 6 月 20 日提交的更改環境許可證申請包括所有附件(申請書編號 VEP-444/2014)
18. Environmental Permit issued on 15 July 2014 (Permit No. EP-438/2012/F)
18. 於 2014 年 7 月 15 日簽發的環境許可證 (許可證編號 EP-438/2012/F)
19. Application for Variation of Environmental Permit including all attachments submitted by the Permit Holder on 29 July 2014 (Application No. VEP-450/2014)
19. 許可證持有人於 2014 年 7 月 29 日提交的更改環境許可證申請包括所有附件(申請書編號 VEP-450/2014)
20. Environmental Permit issued on 14 August 2014 (Permit No. EP-438/2012/G)
20. 於 2014 年 8 月 14 日簽發的環境許可證 (許可證編號 EP-438/2012/G)
21. Application for Variation of Environmental Permit including all attachments submitted by the Permit Holder on 26 August 2014 (Application No. VEP-453/2014)



	<p>21. 許可證持有人於 2014 年 8 月 26 日提交的更改環境許可證申請包括所有附件(申請書編號 VEP-453/2014)</p> <p>22. Environmental Permit issued on 10 September 2014 (Permit No. EP-438/2012/H)</p> <p>22. 於 2014 年 9 月 10 日簽發的環境許可證 (許可證編號 EP-438/2012/H)</p> <p>23. Application for Variation of Environmental Permit including all attachments submitted by the Permit Holder on 18 September 2015 (Application No. VEP-484/2015)</p> <p>23. 許可證持有人於 2015 年 9 月 18 日提交的更改環境許可證申請包括所有附件(申請書編號 VEP-484/2015)</p>
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Application No. 申請書編號	Date of Application 申請日期	List of Amendments Incorporated into Environmental Permit 已包含在環境許可證內的修訂項目	Date of Amendment 修訂日期
VEP-370/2012	28 June 2012 2012年6月28日	Vary Figures 1,3,4,5 and 11 of Environmental Permit No. EP-438/2012 更改環境許可證編號EP-438/2012的圖1,3,4,5及11	12 July 2012 2012年7月12日
VEP-382/2012	17 October 2012 2012年10月17日	Vary Conditions 2.21 and 2.22 in Part C of Environmental Permit No. EP-438/2012/A 更改環境許可證編號EP-438/2012/A C部條件第2.21及2.22項	26 October 2012 2012年10月26日
VEP-401/2013	15 April 2013 2013年4月15日	Vary Figures 3 and 4 of Environmental Permit No. EP-438/2012/B 更改環境許可證編號 EP-438/2012/B的圖3及4	30 April 2013 2013年4月30日
VEP-412/2013	30 August 2013 2013年8月30日	Vary Figures 3 and 4 of Environmental Permit No. EP-438/2012/C 更改環境許可證編號 EP-438/2012/C的圖3及4	13 September 2013 2013年9月13日
VEP-432/2014	19 March 2014 2014年3月14日	Vary Figures 3, 4 and 6 of Environmental Permit No. EP-438/2012/D 更改環境許可證編號 EP-438/2012/D的圖3, 4及6	4 April 2014 2014年4月4日
VEP-444/2014	20 June 2014 2014年6月20日	Vary Figures 3 and 4 of Environmental Permit No. EP-438/2012/E 更改環境許可證編號 EP-438/2012/E的圖3及4	15 July 2014 2014年7月15日
VEP-450/2014	29 July 2014 2014年7月29日	Vary Condition 1.7 of Environmental Permit No. EP-438/2012/F to include the installation and operation of a Mobile Batching Machinery Equipment at Diamond Hill during the construction of SCL (TAW-HUH) 更改環境許可證編號 EP-438/2012/F 的條件第 1.7 項, 以加入在沙中線-大圍至紅磡段建造工程期間在鑽石山安裝及運作流動配料機設備	14 August 2014 2014年8月14日
VEP-453/2014	26 August 2014 2014年8月26日	Vary Figure 11 of Environmental Permit No. EP-438/2012/G 更改環境許可證編號 EP-438/2012/G 的圖11	10 September 2014 2014年9月10日

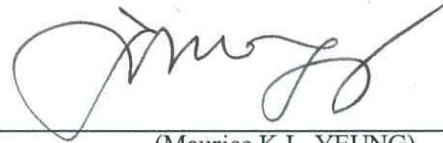


Environmental Permit No. EP-438/2012/I
環境許可證編號 EP-438/2012/I

VEP-484/2015	18 September 2015 2015年9月18日	Vary Figures 1 and 4 of Environmental Permit No. EP-438/2012/H 更改環境許可證編號 EP-438/2012/H 的圖1及4 Vary Condition 2.13 of Environmental Permit No. EP-438/2012/H 更改環境許可證編號 EP-438/2012/H 的條件第 2.13 項	14 October 2015 2015年10月14日
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14 October 2015
2015 年 10 月 14 日

Date
日期



(Maurice K.L. YEUNG)
Principal Environmental Protection Officer
(Assessment and Noise)
for Director of Environmental Protection
環境保護署署長
(首席環境保護主任(評估及噪音) 楊國良代行)



PART B (DESCRIPTIONS OF DESIGNATED PROJECT)

B 部 (指定工程項目的說明)

Hereunder is the description of the designated project mentioned in Part A of this environmental permit:

下列為本環境許可證 A 部 所提及的指定工程項目的說明:

Title of Designated Project 指定工程項目的名稱	Shatin to Central Link (SCL) - Tai Wai to Hung Hom Section [The project is hereinafter referred to as "the Project".] 沙中線 - 大圍至紅磡段 [上述工程項目下稱“工程項目”]
Nature of Designated Project 指定工程項目的性質	The Project covers the following Designated Project elements under Part I, Schedule 2 of the EIAO : - A railway and its associated stations (Item A.2 of Part 1 of Schedule 2 of the EIAO); - A railway siding (Item A.4 of Part 1 of Schedule 2 of the EIAO); - A railway tunnel more than 800 m in length between portals (Item A.7 of Part 1 of Schedule 2 of the EIAO); - A railway bridge more than 100m in length between abutments (Item A.8 of Part 1 of Schedule 2 of the EIAO); and - An explosive depot in a stand-alone, purpose built building (Item K.10 of Part 1 of Schedule 2 of the EIAO). 根據環評條例，本工程項目包含了下列屬於指定工程項目的元素： - 鐵路及其相聯車站（「環評條例」附表 2 第 1 部 A.2 項）； - 鐵路側線（「環評條例」附表 2 第 1 部 A.4 項）； - 入口之間的長度超過 800 米的鐵路隧道（「環評條例」附表 2 第 1 部 A.7 項）； - 橋台之間的長度超過 100 米的鐵路橋樑（「環評條例」附表 2 第 1 部 A.8 項）； - 在某一單獨、特建的建築物內的爆炸品倉庫（「環評條例」附表 2 第 1 部 K.10 項）
Location of Designated Project 指定工程項目的地點	General layout of the railway alignment and location of the railway stations and the works sites of the Project are shown in <u>Figures 1,2, 3, 4 and 5</u> attached to this Permit. 工程項目及其工地的位置見載於本許可證夾附的圖 1,2,3,4 及 5。
Scale and Scope of Designated Project 指定工程項目的規模和範圍	Construction and operation of the following key elements: (i) a railway of approximately 11km long from Tai Wai to Hung Hom; (ii) seven railway stations at Hin Keng, Diamond Hill, Kai Tak, To Kwa Wan, Ma Tau Wai, Ho Man Tin and Hung Hom; (iii) stabling sidings at the former Hung Hom Freight Yard and associated launching/retrieval tracks; (iv) associated ventilation building, ventilation shafts, emergency access, emergency escape access and emergency egress point; and (v) supporting works areas, access roads, barging facilities and temporary explosive magazine during the construction of the Project. 建造和營辦以下的主要部份： (i) 長約 11 公里的鐵路，路線由大圍至紅磡； (ii) 7 個位於顯徑、鑽石山、啓德、土瓜灣、馬頭圍、何文田及紅磡的車站；



	<p>(iii) 位於前紅磡貨運站的列車停放處和相關的進出站路軌;</p> <p>(iv) 與鐵路相關的通風大樓、通風管道及緊急救援通道;及</p> <p>(v) 於施工期間的後勤施工區、幹道支路、躉船轉運設施、臨時爆炸品倉庫。</p> <p><u>Remarks:</u></p> <p>For Ho Man Tin (HOM) Station and Hung Hom (HUH) Station, the civil construction works will be carried out under the Kwun Tong Line Extension (KTE) Project and the SCL (Mong Kong East to Hung Hom Section) Project respectively. The construction works to be carried out under this Project will mainly include internal fitting-out works, track laying works and provision of other station facilities.</p> <p>建造何文田站及紅磡站的土木工程主要分別納入在「觀塘線延線」和「沙中線(旺角東至紅磡段)」的工程項目內，而本工程項目會在何文田站及紅磡站進行內部裝修、鋪設路軌及提供其他車站設施。</p>
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PART C (PERMIT CONDITIONS)

1. General Conditions

- 1.1 The Permit Holder and any person working on the Project shall comply with all conditions set out in this Permit. Any non-compliance by any person may constitute a contravention of the Environmental Impact Assessment Ordinance (Cap. 499) and may become the subject of appropriate action being taken under the Ordinance.
- 1.2 The Permit Holder shall ensure full compliance with all legislation from time to time in force including, without limitation to, the Noise Control Ordinance (Cap. 400), Air Pollution Control Ordinance (Cap. 311), Water Pollution Control Ordinance (Cap. 358), Dumping at Sea Ordinance (Cap. 466) and Waste Disposal Ordinance (Cap. 354). This Permit does not of itself constitute any ground of defence against any proceedings instituted under any legislation or imply any approval under any legislation.
- 1.3 The Permit Holder shall make copies of this Permit together with all documents referred to in this Permit or the documents referred to in Part A of the Permit readily available at all times for inspection by the Director or his authorised officers at all sites/offices covered by this Permit. Any reference to the Permit shall include all documents referred to in the Permit and also the relevant documents in the Register.
- 1.4 The Permit Holder shall give a copy of this Permit to the person(s) in charge of the site(s) and ensure that such person(s) fully understands all conditions and all requirements incorporated by the Permit. The site(s) refers to site(s) of construction and operation of the Project and shall mean the same hereafter.
- 1.5 The Permit Holder shall display conspicuously a copy of this Permit on the construction site(s) at all vehicular site entrances/exits or at a convenient location for public's information at all times. The Permit Holder shall ensure that the most updated information about the Permit, including any amended permit, is displayed at such location. If the Permit Holder surrenders a part or the whole of the Permit, the notice he sends to the Director shall also be displayed at the same location as the original Permit. The suspended, varied or cancelled Permit shall be removed from display at the construction site(s).
- 1.6 The Permit Holder shall construct and operate the Project in accordance with the project descriptions in Part B of this Permit.
- 1.7 The Permit Holder shall ensure that the Project is designed, constructed and operated in accordance with the information and all recommendations described in the SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012); the SCL(HHS) EIA Report (Register No. AEIAR-164/2012); the application document (Application No. AEP-438/2012); other relevant documents in the Register; and the information or mitigation measures described in this Permit and the applications for variation of Environmental Permits as listed in Part A of this Permit, mitigation measures to be recommended in submissions that shall be deposited with or approved by the Director as a result of permit conditions contained in this Permit, and mitigation measures to be recommended under ongoing surveillance and monitoring activities during all stages of the Project. Where recommendations referred to in the documents of the Register are not expressly referred to in this Permit, such recommendations are nevertheless to be implemented unless expressly excluded or impliedly amended in this Permit.
- 1.8 All deposited submissions, as required under this Permit, shall be rectified and resubmitted in accordance with the comments, if any made by the Director within one month of the receipt of the Director's comments or otherwise specified by the Director.
- 1.9 All submissions approved by the Director, all submissions deposited without comments by the Director, or all submissions rectified in accordance with comments by the Director under this Permit shall be construed as part of the permit conditions described in Part C of this Permit. Any variations of the submissions shall be approved by the Director in writing or as prescribed in the relevant permit conditions. Any non-compliance with the submissions may constitute a contravention of the EIA Ordinance (Cap. 499). All submissions or any variation of the submissions shall be certified by the Environmental Team (ET) Leader and verified by the Independent Environmental Checker (IEC) referred to in Conditions 2.1 and 2.2 below, before submitting to the Director under the Permit.
- 1.10 The Permit Holder shall release all finalized submissions, as required under this Permit, to the public by depositing copies in the EIA Ordinance Register Office, or in any other places, or any internet websites as specified by the Director, or by any other means as specified by the Director for public inspection. For this



purpose, the Permit Holder shall provide sufficient copies of the submissions.

- 1.11 All submissions to the Director required under this Permit shall be delivered either in person or by registered mail to the EIA Ordinance Register Office (currently at 27/F, Southorn Centre, 130 Hennessy Road, Wanchai, Hong Kong). Electronic copies of all finalized submissions required under this Permit shall be prepared in Hyper Text Markup Language (HTML) (version 4.0 or later) and in Portable Document Format (PDF version 1.3 or later), unless otherwise agreed by the Director and shall be submitted at the same time as the hard copies.
- 1.12 The Permit Holder shall notify the Director in writing the commencement date of construction of the Project no later than one month prior to the commencement of construction of the Project. The Permit Holder shall notify the Director in writing immediately if there is any change of the commencement date of the construction.
- 1.13 For the purpose of this Permit, "commencement of construction" does not include works related to site clearance and preparation, or other works as agreed by the Director.
- 1.14 The Permit Holder notify the Director in writing the commencement date of operation of the Project no later than two months prior to the commencement of operation of the Project. The Permit Holder shall notify the Director in writing immediately if there is any change of the commencement date of the operation.

2. **Special Conditions**

Submissions and Measures before Commencement of Construction of the Project

Employment of Environmental Monitoring and Audit (EM&A) Personnel

- 2.1 An Environmental Team (ET) shall be established by the Permit Holder no later than one month before the commencement of construction of the Project. The ET shall not be in any way an associated body of the Contractor or the Independent Environmental Checker (IEC) for the Project. The ET shall be headed by an ET Leader. The ET Leader shall be a person who has at least 7 years of experience in environmental monitoring and auditing (EM&A) or environmental management. The ET and the ET Leader shall be responsible for the implementation of the EM&A programme in accordance with the EM&A requirements as contained in the SCL(TAW-HUH) EM&A Manual and SCL(HHS) EM&A Manual. The ET Leader shall keep a contemporaneous log-book of each and every instance or circumstance or change of circumstances, which may affect the compliance with the recommendations of the SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012) and this Permit. The ET Leader shall notify the IEC within one working day of the occurrence of any such instance or circumstance or change of circumstances. The ET Leader's log-book shall be kept readily available for inspection by all persons assisting in supervision of the implementation of the recommendations of the SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012) and this Permit or by the Director or his authorized officers. Failure to maintain records in the log-book, failure to discharge the duties of the ET Leader as defined in the EM&A Manual or failure to comply with this Condition would entitle the Director to require the Permit Holder by notice in writing to replace the ET Leader. Failure by the Permit Holder to make replacement, or further failure to keep contemporaneous records in the log-book despite the employment of a new ET Leader may render the Permit liable to suspension, cancellation or variation.
- 2.2 An IEC shall be employed by the Permit Holder no later than one month before commencement of construction of the Project. The IEC shall not be in any way an associated body of the Contractor or the ET for the Project. The IEC shall be a person who has at least 7 years of experience in EM&A or environmental management. The IEC shall be responsible for duties defined in the SCL(TAW-HUH) EM&A Manual and SCL(HHS) EM&A Manual and shall audit the overall EM&A performance, including the implementation of all environmental mitigation measures, submissions required in the SCL(TAW-HUH) EM&A Manual and SCL(HHS) EM&A Manual, and any other submissions required under this Permit. In addition, the IEC shall be responsible for verifying the environmental acceptability of permanent and temporary works, relevant design plans and submissions under this Permit. The IEC shall verify the log-book(s) mentioned in Condition 2.1 of this Permit. The IEC shall notify the Director by fax, within one working day of receipt of notification from the ET Leader of each and every occurrence, change of circumstances or non-compliance with the SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012) and this Permit, which might affect the



monitoring or control of adverse environmental impacts from the Project. In the case where the IEC fails to so notify the Director of the same, fails to discharge the duties of the IEC as defined in the EM&A Manual or fails to comply with this Condition, the Director may require the Permit Holder by notice in writing to replace the IEC. Failure to replace the IEC as directed or further failure to so notify the Director despite employment of a new IEC may render the Permit liable to suspension, cancellation or variation. Notification by the Permit Holder is the same as notification by the IEC for the purpose of this Condition.

Community Liaison Groups

- 2.3 Before the commencement of construction of the Project, the Permit Holder shall set up Community Liaison Groups comprising representatives of concerned and affected parties, including owners' corporations, management offices, local committees, residents and schools in the affected areas along the railway alignment, to facilitate communications, enquiries and complaint handlings on environmental issues related to the Project and maintain the Community Liaison Groups throughout the entire construction period of the Project. The Permit Holder shall follow up with the Community Liaison Groups on the implementation of mitigation measures and other initiatives proposed by the Permit Holder such as Indirect Technical Remedies in the form of upgraded glazing and air-conditioning for eligible dwellings affected by air-borne construction noise impact, as well as arrangement of continuous construction noise monitoring. The Permit Holder shall notify the Director the date of setting up the Community Liaison Groups, the membership, the terms of reference and the contact details at least one month before the commencement of construction of the Project.
- 2.4 The Permit Holder shall set up a designated complaint hotline for the Project to address the environmental concerns and complaints in an efficient manner before the commencement of construction of the Project and maintain the designated complaint hotline throughout the entire construction period of the Project.

Employment of Certified Arborist

- 2.5 The Permit Holder shall appoint a Certified Arborist for the Project to advise on, monitor and ensure proper implementation of measures for protecting trees affected by the Project as well as trees to be transplanted, and to prepare submissions as required under Condition 2.13 of this Permit.

Employment of Qualified Archaeologist

- 2.6 The Permit Holder shall appoint a qualified archaeologist to conduct further archaeological investigation at former Tai Hom Village site and the Sacred Hill (North) study area and to conduct rescue excavation to preserve any archaeological remains as required under Condition 2.16 of this Permit.

Management Organization of Main Construction Companies

- 2.7 The Permit Holder shall, no later than two weeks before the commencement of construction of the Project, inform the Director in writing the management organization of the main construction companies and/or any form of joint ventures associated with the construction of the Project. The submitted information shall include at least an organization chart, names of responsible persons and their contact details.

Submission of Construction Programme and Environmental Permit (EP) Submission Schedule

- 2.8 The Permit Holder shall, no later than two weeks before the commencement of the construction of the Project, deposit with the Director four hard copies and one electronic copy of the construction programme showing the commencement and completion dates of major items of construction works; together with the anticipated schedule of submissions for fulfilling the submission requirements as contained in this Permit. The Permit Holder shall inform the Director accordingly in writing in case of any subsequent changes of items contained in this submitted construction programme and EP Submission Schedule.

Submission of Construction Noise Mitigation Measures Plan (CNMMP)

- 2.9 To further reduce the air-borne construction noise impacts on the 19 noise sensitive receivers (NSRs) shown in Table 1 of this Permit with exceedance after mitigation as predicted in the SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012), the Permit Holder shall, no later than one month before the commencement of the construction of the Project, submit to the Director for approval four hard copies and one electronic copy of an updated Construction



Noise Mitigation Measures Plan (CNMMP) and other initiatives proposed by the Permit Holder. The Plan shall include:-

- (a) a schedule of construction works to be carried out at the works areas of the Project within 300m from the NSRs;
- (b) an updated construction methodology of the construction works;
- (c) an updated powered mechanical equipment (PME) list for the construction works;
- (d) an updated proposal of air-borne noise mitigation measures for the 19 NSRs as shown in Table 1 of this Permit, including the provision of noise barriers, enclosures and Indirect Technical Remedies;
- (e) an updated prediction of noise levels in accordance with the above updated information and mitigation proposals in place.

Before submission to the Director, the CNMMP shall be certified by the ET Leader and verified by the IEC as conforming to the relevant information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012). All measures recommended in the approved CNMMP shall be fully and properly implemented.

2.10 *Submission of Continuous Noise Monitoring Plan*

The Permit Holder shall, no later than one month before the commencement of construction of the Project, submit to the Director for approval four hard copies and one electronic copy of a Continuous Noise Monitoring Plan for the Project. The Plan shall include:

- (a) updated environmental monitoring and audit requirements relating to continuous noise monitoring at the NSRs shown in Table 1 of this Permit with exceedance after mitigation in air-borne construction noise impact as predicted in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012) and as updated in the CNMMP approved under Condition 2.9;
- (b) drawings in the scale of 1:5,000 or other appropriate scale as agreed by the Director showing the proposed locations for conducting continuous noise monitoring;
- (c) monitoring methodology and measurement parameters;
- (d) a system to report the continuous noise monitoring results on a website within a period of 2 working days after the relevant noise monitoring data are collected or become available; and
- (e) an Event and Action Plan giving details of the immediate active remedial measures in the event that the measured noise levels exceed the worst-case scenario predicted in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012) or the levels as updated by the CNMMP approved under Condition 2.9.

Before submission to the Director, the Continuous Noise Monitoring Plan shall be certified by the ET and verified by the IEC as conforming to the relevant information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012) or the updated prediction of noise levels as contained in the CNMMP approved under Condition 2.9. All measures recommended in the Continuous Noise Monitoring Plan approved under this Condition shall be fully and properly implemented.

Submission of Construction and Demolition Materials Management Plan (C&DMMP)

- 2.11 The Permit Holder shall, no later than one month before commencement of construction of the Project, submit to the Director for approval four hard copies and one electronic copy of a construction and demolition (C&D) materials management plan (C&DMMP). The C&DMMP shall describe the arrangements for avoidance, reuse, recovery and recycling, storage, collection, treatment and disposal of C&D materials to be generated from the construction of the Project. The C&DMMP shall indicate the disposal location(s) of all surplus excavated spoil and other wastes. A trip ticket system shall be included in the C&DMMP. Surplus excavated spoil and other wastes shall only be disposed of at designated disposal locations unless otherwise approved by the Director.

Before submission to the Director, the C&DMMP shall be certified by the ET Leader and verified by the IEC as conforming to the relevant information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No.



AEIAR-164/2012). All measures recommended in the approved C&DMMP shall be fully and properly implemented.

Submission of Sediment Management Plan

- 2.12 The Permit Holder shall, no later than one month before the commencement of construction works which involves dredging / excavating sediments, submit to the Director for approval four hard copies and one electronic copy of a sediment management plan. The sediment management plan shall include, but not limited to, details of proper treatment and handling of sediments to be generated from the construction of the Project before disposal.

Before submission to the Director, the sediment management plan shall be certified by the ET Leader and verified by the IEC as conforming to the relevant information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012). All measures recommended in the approved sediment management plan shall be fully and properly implemented.

Submission of Visual, Landscape, Tree Planting & Tree Protection Plan

- 2.13 The Permit Holder shall, no later than one month before the commencement of construction of the Project, submit six hard copies and one electronic copy of the visual, landscape, tree planting & tree protection plan to the Director for approval. The plan, with drawings in the scale of 1:1000 or other appropriate scales as agreed by the Director shall show the visual, landscape, tree planting & tree protection measures of the Project, and shall include at least the following information:
- (a) aesthetic landscape and architectural treatment for above ground structures including stabling sidings at the former Hung Hom Freight Yard, stations, entrances, ventilation building, ventilation shafts, portals, noise barriers/enclosures and viaduct section at Hin Heng;
 - (b) tree protection proposal showing locations, size, number and plant species of trees to be retained; and detailed working method statement for protection of retained trees;
 - (c) transplantation proposal showing locations, size, number and tree species to be transplanted and the final locations for transplantation;
 - (d) tree felling proposal showing locations, size, number and plant species to be felled;
 - (e) tree compensation proposal showing locations, size, number and plant species to be provided or compensated;
 - (f) post-planting care proposal showing the proposed establishment period and associated maintenance care requirements and frequency of transplanted trees and trees planted as compensation under this Condition; and
 - (g) implementation programme, maintenance and management schedules for measures proposed in (a) to (f) above.

The proposals under Condition 2.13(b) to (f) shall be prepared by the Certified Arborist appointed under Condition 2.5. The Plan shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012), SCL(HHS) EIA Report (Register No. AEIAR-164/2012) and the application for variation of Environmental Permit as listed in Part A of this Permit. All measures recommended in the approved Plan shall be fully and properly implemented and maintained for the Project.

Submission of Transplantation Proposal for Plant Species of Conservation Importance

- 2.14 To mitigate the ecological impact due to the loss of plant species of conservation importance, *Aquilaria sinensis*, the affected plants within the works area shall be transplanted before the commencement of construction. A detailed pre-transplantation survey shall be carried out to ascertain the presence and the locations of plant species, *Aquilaria sinensis* within the works area. The Permit Holder shall, no later than two months before commencement of transplanting works, deposit with the Director four hard copies and one electronic copy of transplantation proposal. The detailed transplantation proposal shall include the following information:
- (a) qualification of the specialist(s) to carry out the transplantation works;
 - (b) number, locations and photographs of plants to be transplanted;
 - (c) locations of the receptor sites for transplantation;
 - (d) methodology and implementation programme; and



- (e) detailed schedule for post-transplantation maintenance and monitoring of plants.

Before submission to the Director, the transplantation proposal shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012).

Submission of Conservation Plan

- 2.15 The Permit Holder shall, no later than two months before the commencement of construction works affecting the two historic buildings, namely Former Royal Air Force Hangar and the Old Pillbox at the former Tai Hom Village site, submit four hard copies and one electronic copy of the conservation plan for the said two historic buildings to the Director for approval. The conservation plan shall include at least the following information:
- (a) a detailed plan for dismantling and reinstating the two said historic buildings; and
 - (b) implementation programme, maintenance and management schedules for actions recommended in the plan.

Before submission to the Director, the conservation plan shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012). All measures recommended in the approved conservation plan shall be fully and properly implemented for the Project.

Submission of Archaeological Action Plan(s) (AAP(s))

- 2.16 The Permit Holder shall, no later than two months before the commencement of the further archaeological investigation at the former Tai Hom Village site or the Sacred Hill (North) study area, deposit with the Director four hard copies and one electronic copy of Archaeological Action Plan(s) for the sites. The Archaeological Action Plan(s) shall include:
- (a) a detailed plan for further archaeological investigation and rescue excavation at the former Tai Hom Village site and the Sacred Hill (North) study area;
 - (b) a contingency plan to address possible arrangement when significant archaeological findings are unearthed during the further archaeological investigation and rescue excavation.

Before submission to the Director, the AAP(s) shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012). All measures recommended in the deposited AAP(s) shall be fully and properly implemented for the Project.

Submissions or Measures to be Implemented During Construction of the Project

Measures for Avoiding Impact on Lung Tsun Stone Bridge and Former Kowloon City Pier

- 2.17 To avoid direct impact on the remains of Lung Tsun Stone Bridge and Former Kowloon City Pier, no at-grade construction works of the Project shall be carried out inside the "buffer zone" for the remains of Lung Tsun Stone Bridge and Former Kowloon City Pier as shown in the Figure 6 of this Permit.

Measures for Mitigating Construction Dust Impact

- 2.18 In order to minimize the construction dust impact, the following dust mitigation measures shall be implemented:-
- (a) watering once every working hour for active works areas, exposed areas and paved haul roads in Kowloon area to keep these active works areas, exposed areas and paved haul roads wet;
 - (b) watering once every 1.5 working hours for active works areas, exposed areas and paved haul roads in Tai Wai area to keep these active works areas, exposed areas and paved haul roads wet; and
 - (c) enclosing the unloading process at any barging point by a 3-sided screen with top tipping hall, and operating water spraying and flexible dust curtains at the discharge point.



Measures for Mitigating Aerial Emissions from Construction Plant

- 2.19 All diesel fuelled construction plant, including marine vessels if possible, used by the contractors within the works areas of the Project shall be powered by ultra low sulphur diesel fuel.

Measures for Mitigating Water Quality Impact from Dredging Works

- 2.20 All dredging works for the Kai Tak Runway Barging Point shall only be carried out within the site boundary as shown in Figure 7 of this Permit. No extension of the site boundary shall be permitted without the written approval of the Director.
- 2.21 Dredging shall only be carried out by closed grab dredger or backhoe dredger with closed bucket. The dredging rate shall not exceed 500 m³ per day. The dredging rate shall not exceed 41.7m³ per hour for closed grab dredger or 33.3 m³ per hour for backhoe dredger with closed bucket. Other than closed grab dredger or backhoe dredger with closed bucket, the use of other type of dredger and the dredging rate shall be approved in writing by the Director before use.
- 2.22 Each closed grab dredger or backhoe dredger with closed bucket or other type of dredger approved by the Director shall be enclosed by silt curtain during dredging works.

Submission of Contamination Assessment Report and Remedial Action Plan (SLCA)

- 2.23 Supplementary land contamination assessment (SLCA) for the New Territories South Animal Centre in Hin Keng as shown in Figure 8 of this Permit for soil sampling and analysis of cyanide (free) shall be carried out after the site is handed over to the Permit Holder. The Permit Holder shall, no later than one month after the completion of the land contamination investigation, deposit with the Director three hard copies and one electronic copy of Contamination Assessment Report (CAR) to document the SLCA findings. If land contamination is confirmed, the Permit Holder shall also submit to the Director for approval three hard copies and one electronic copy of Remedial Action Plan (RAP) to formulate necessary remedial measures. Before submission to the Director, the CAR and RAP shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012).

Measures for Mitigating Land Contamination and Submission of Remediation Works Report

- 2.24 If land contamination is confirmed, all remedial measures described in the RAP approved under Condition 2.23 of this Permit shall be fully implemented.
- 2.25 If remediation is required, the Permit Holder shall deposit three hard copies and one electronic copy of Remediation Report (RR) to the Director, no later than one month after the completion of the remediation works. The RR shall provide details on the remediation works carried out, types and volume of contaminated soil, standards and levels of treatment, and locations of all on-site and off-site disposal sites (including record of disposal). The RR shall be certified by the ET Leader and verified by the IEC to demonstrate that Condition 2.24 is fulfilled. No construction works at the New Territories South Animal Centre in Hin Keng shall be carried out prior to the EPD's endorsement of the said RR.

Submissions and Measures Before and During Operation of the Project

Submissions and Measures for Mitigating Operational Noise Impacts

- 2.26 The Permit Holder shall operate 8-car type SP 1900 / SP 1950 train or other train type with equivalent or better noise performance supported with justifications by the ET Leader and verified by the IEC as conforming to the information, requirements and recommendations as set out in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012). The maximum train frequency operating on the Project from hours 0700 to 2300 shall not exceed 12 trains per 30 minutes in each direction. The maximum train frequency operating on the Project from hours 2300 to 0700 of the following day shall not exceed 6 trains per 30 minutes in each direction.
- 2.27 The Permit Holder shall, no later than one month after completion of corresponding parts of the tunnel excavation of the Project, deposit with the Director four hardcopies and one electronic copy of an

Operational Ground-borne Noise Mitigation Measures Plan to justify the adequacy of the operational ground-borne noise mitigation measures for the Project. The Plan shall include the review and verification of the assumptions adopted in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012), such as line source response and ground vibration conditions, and shall also include justifications and recommendations for any contingency noise mitigation measures found necessary, including but not limited to :

- (a) resilient baseplates (type 1)
- (b) isolated slab track (type 4)

Before submission to the Director, the Operational Ground-borne Noise Mitigation Measures Plan shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012).

- 2.28 The Permit Holder shall, no later than one month after completion of installation of rail tracks, deposit with the Director four hard copies and one electronic copy of a set of as-built drawing(s) for the operational ground-borne noise mitigation measures as recommended in the Operational Ground-borne Noise Mitigation Measures Plan deposited under Condition 2.27 above. Before submission to the Director, the set of as-built drawing(s) shall be certified by the ET Leader and verified by the IEC to demonstrate that measures as set out in the Plan deposited under Condition 2.27 above has been fully and properly implemented.
- 2.29 To mitigate the operational air-borne noise from the viaduct section between Tai Wai Station and Hin Keng Station and from the operation of the stabling sidings at Hung Hom, noise mitigation measures as shown in Table 2 and Figures 9a, 9b, 10 and 11 of this Permit shall be installed.
- 2.30 The Permit Holder shall, no later than one month after the completion of installation of noise mitigation measures as required under Condition 2.29 above, deposit with the Director four hard copies and one electronic copy of a set of as-built drawings showing:-
 - (a) the operational air-borne noise mitigation measures under Condition 2.29 above; and
 - (b) any additional or changes in measures if required.

Before submission to the Director, the as-built drawings for operational air-borne noise mitigation measures shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012). All measures recommended in the deposited as-built drawings shall be fully and properly implemented and maintained for the Project.

- 2.31 At least one month before commencement of operation of the Project, the Permit Holder shall carry out noise performance test and deposit with the Director four hard copies and one electronic copy of a Noise Performance Test Report to confirm the compliance of the operational air-borne and ground-borne noise levels in accordance with the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012). Before submission to the Director, the Noise Performance Test Report shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012). Any necessary measure(s) as recommended in the Noise Performance Test Report shall be fully and properly implemented and maintained for the Project.
- 2.32 At least one month before commencement of operation of the Project, the Permit Holder shall carry out fixed plant noise audit and deposit with the Director four hardcopies and one electronic copy of an audit report showing the design of the fixed plant noise sources associated with the Project complies with the maximum sound power levels determined in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012). The audit report shall also confirm that noise emitted from the fixed noise sources shall be free of the characteristics of tonality, impulsiveness and intermittency. The audit report shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations contained in the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012).



Submissions of As-Built Drawings of Measures for Mitigating Landscape and Visual Impacts

- 2.33 At least one month before the Project commences operation, four hard copies and one electronic copy of as-built drawing(s) on landscape and visual mitigation measures with an explanatory statement showing the final locations, size, number and species of planting to demonstrate compliance with the approved submissions under Condition 2.13 of this Permit shall be deposited with the Director. This as-built submission shall be certified by the ET Leader and verified by the IEC that the Visual, Landscape and Tree Planting & Tree Protection Plan approved under Condition 2.13 has been fully and properly implemented.

Measures for Mitigating Impacts on Water Quality from Track Run-off

- 2.34 To mitigate water quality impact from tunnel run-off from rail track :-
- (a) track drainage discharges shall pass through oil/grit interceptors/chambers to remove oil, grease and sediment before discharging into public storm drainage/foul sewerage systems;
 - (b) the silt traps and oil interceptors shall be cleaned and maintained regularly; and
 - (c) oily contents of the oil interceptors shall be transferred to an appropriate disposal facility, or to be collected for reuse, if possible.

3. Environmental Monitoring and Audit (EM&A) Requirements

- 3.1 The EM&A programme shall be implemented in accordance with the procedures and requirements in the SCL(TAW-HUH) EM&A Manual, SCL(HHS) EM&A Manual and the Continuous Noise Monitoring Plan approved under Condition 2.10 of this Permit. The Permit Holder shall review the EM&A requirements or programme based on the submitted construction programme required under Condition 2.8. Any changes to the EM&A requirements or programme and termination of the EM&A programme shall be supported with justifications by the ET leader and verified by the IEC as conforming to the requirements set out in the SCL(TAW-HUH) EM&A Manual, SCL(HHS) EM&A Manual and the Continuous Noise Monitoring Plan approved under Condition 2.10 of this Permit, and prior approval from the Director shall be sought before their implementation.
- 3.2 Samples, measurements and necessary remedial actions shall be taken in accordance with the requirements of the SCL(TAW-HUH) EM&A Manual and SCL(HHS) EM&A Manual by:
- (a) conducting baseline environmental monitoring;
 - (b) conducting impact monitoring;
 - (c) carrying out remedial actions described in the Event/Action Plans of the SCL(TAW-HUH) EM&A Manual and SCL(HHS) EM&A Manual in accordance with the time frame set out in the Event/Action Plans, or as agreed by the Director, in case where specified criteria in the SCL(TAW-HUH) EM&A Manual and SCL(HHS) EM&A Manual are exceeded; and
 - (d) logging and keeping records of the details of (a) to (c) above for all parameters within 3 working days of the collection of data or completion of remedial action(s), for the purpose of preparing and submitting the monthly EM&A Reports and to make available the information for inspection on site.
- 3.3 Four hard copies and one electronic copy of the Baseline Monitoring Report shall be submitted to the Director at least 2 weeks before the commencement of construction of the Project. The submission shall be certified by the ET Leader and verified by the IEC. Additional copies of the submission shall be provided upon request by the Director.
- 3.4 Four hard copies and one electronic copy of monthly EM&A Report shall be submitted to the Director within 2 weeks after the end of the reporting month. The EM&A Reports shall include a summary of all non-compliance (exceedances) of the environmental quality performance limits (Action and Limit Levels). The submissions shall be certified by the ET Leader and verified by the IEC as complying with the requirements set out in the SCL(TAW-HUH) EM&A Manual, SCL(HHS) EM&A Manual. Additional copies of the submission shall be provided to the Director upon request by the Director.
- 3.5 All EM&A data submitted under this Permit shall be true, valid and correct.



4. Electronic Reporting of EM&A Information

- 4.1 To facilitate public inspection of the Baseline Monitoring Report and monthly EM&A Reports via the EIAO Internet Website and at the EIAO Register Office, electronic copies of these Reports shall be prepared in Hyper Text Markup Language (HTML) (version 4.0 or later) and in Portable Document Format (PDF version 1.3 or later), unless otherwise agreed by the Director and shall be submitted at the same time as the hard copies as described in Condition 3.3 and 3.4 above of this Permit. For the HTML version, a content page capable of providing hyperlink to each section and sub-section of these Reports shall be included in the beginning of the document. Hyperlinks to all figures, drawings and tables in these Reports shall be provided in the main text from where the respective references are made. All graphics in these Reports shall be in interlaced GIF format unless otherwise agreed by the Director. The content of the electronic copies of these Reports must be the same as the hard copies.
- 4.2 The Permit Holder shall set up a dedicated website and notify the Director in writing the internet address where the environmental monitoring data and project information is to be placed within 1 month after the commencement of construction of the Project. All environmental monitoring data described in Condition 4.1 of this Permit and all submissions required by this Permit shall made available to the public via this dedicated website to be set up by the Permit Holder in the shortest time practicable, and in no event later than 2 weeks after the relevant environmental monitoring data are collected or become available, unless otherwise agreed with the Director. The Permit Holder shall maintain the dedicated website for public access of the environmental monitoring data and reports throughout the entire construction period and during the first 3-year period of operation of the Project, or otherwise as agreed by the Director.
- 4.3 The internet website as described in Condition 4.2 of this Permit shall enable user-friendly public access to the environmental monitoring data and project information including the approved SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012) and SCL(HHS) EIA Report (Register No. AEIAR-164/2012), the environmental permit(s) and Project Profile of the Project. The internet website shall have features capable of:
- (a) providing access to all environmental monitoring data of this Project collected since the commencement of construction;
 - (b) providing access to all finalized submissions as required under this Permit;
 - (c) searching by date;
 - (d) searching by types of monitoring data (water quality, noise and air quality); and
 - (e) hyperlinking to relevant monitoring data after searching;

or otherwise as agreed by the Director.



Notes :

1. This Permit consists of three parts, namely, PART A (Main Permit), PART B (Descriptions of Designated Project) and PART C (Permit Conditions). Any person relying on this Permit should obtain independent legal advice on the legal implications under the EIAO, and the following notes are for general information only.
2. If there is a breach of any condition of this Permit, the Director or his authorized officer may, with the consent of the Secretary for the Environment, order the cessation of associated work until the remedial action is taken in respect of the resultant environmental damage, and in that case the Permit Holder shall not carry out any associated works without the permission of the Director or his authorized officer.
3. The Permit Holder may apply under Section 13 of the EIAO to the Director for a variation of the conditions of this Permit. The Permit Holder shall replace the original permit displayed on the Project site by the amended permit.
4. A person who assumes responsibility for the whole or a part of the Project may, before he assumes responsibility of the Project, apply under Section 12 of the EIAO to the Director for a further environmental permit.
5. Under Section 14 of the EIAO, the Director may with the consent of the Secretary for the Environment, suspend, vary or cancel this Permit. The suspended, varied or cancelled Permit shall be removed from display at the site.
6. If this Permit is cancelled or surrendered during construction of the Project, another environmental permit must be obtained under the EIAO before the Project could be continued. It is an offence under Section 26(1) of the EIAO to construct or operate a designated project listed in Part I of Schedule 2 of the EIAO without a valid environmental permit.
7. Any person who constructs the Project contrary to the conditions in the Permit, and is convicted of an offence under the EIAO, is liable: -
 - (i) on a first conviction on indictment to a fine of \$2 million and to imprisonment for 6 months;
 - (ii) on a second or subsequent conviction on indictment to a fine of \$5 million and to imprisonment for 2 years;
 - (iii) on a first summary conviction to a fine at level 6 and to imprisonment for 6 months;
 - (iv) on a second or subsequent summary conviction to a fine of \$1 million and to imprisonment for 1 year; and
 - (v) in any case where the offence is of a continuing nature, the court or magistrate may impose a fine of \$10,000 for each day on which he is satisfied the offence continued.
8. The Permit Holder may appeal against any condition of this Permit under Section 17 of the EIAO within 30 days of receipt of this Permit.
9. The Notes are for general reference only and that the Permit Holder should refer to the EIAO for details and seek independent legal advice.

Environmental Permit No. EP-438/2012/I
環境許可證編號 EP-438/2012/I



Table 1 - List of noise sensitive receivers (NSRs) with predicted residual air-borne construction noise impacts exceeding noise criteria as listed in Table 1B of EIAO-TM (to be read in conjunction with Condition 2.9 of this Permit)

(Extracted from Table 8.15 of the SCL(TAW-HUH) EIA Report (Register No. AEIAR-167/2012))

NSR ID	NSR Description	Uses ^[1]	Criterion ^[2] dB(A)	Predicted Maximum Noise Level dB(A)	Predicted Residual Noise Impact dB(A)
TAW-6-7	C.U.H.K.A.A. Thomas Cheung School	E	70 (65) ^[2]	68(67)	0 (2) ^[3]
DIH-9-1	Shek On Building	E + W	70 (65) ^[2]	70 (70)	0(5) ^[3]
DIH-13-1	Canossa Primary School	E	70 (65) ^[2]	67(66)	0(1) ^[3]
DIH-14-1	Rhythm Garden Block 2	R	75	77	2
DIH-14-4	Canossa Primary School (San Po Kong)	E	70 (65) ^[2]	69 (68)	0 (3) ^[3]
DIH-14-5	Rhythm Garden Block 1	R	75	78	3
TKW-1-1	Parc 22	R	75	80	5
TKW-2-2	Skytower Tower 2	R	75	76	1
TKW-3-2	Prosperity House	R	75	80	5
MTW-12-3	Lucky Mansion	R	75	80	5
MTW-12-4	352-354 Ma Tau Wai Rd (East Façade)	R	75	80	5
MTW-12-4-1	352-354 Ma Tau Wai Rd (North Façade)	R	75	84	9
MTW-12-10	Lucky Building (South Façade)	R	75	84	9
MTW-12-10-1	Lucky Building (East Façade)	R	75	80	5
MTW-12-11	Jing Ming Building	R	75	82	7
MTW-16-1	SKH Good Shepherd Primary School	E	70 (65) ^[2]	79 (79)	9(14) ^[3]
MTW-18-2	No. 2 Kowloon City Road	R	75	81	6
HOM-2-1-A	Faerie Court (East Façade)	R	75	78	3
HUH-1-3	Wing Fung Building	R	75	77	2

Notes:

[1] R- Residential; E – Educational institution; W-Worship

[2] Values in parentheses indicate the noise criterion during examination period (typical examination period in May, June, November and December) of educational institution.

[3] Residual impact is only expected during the examination period (typical examination period in May, June, November and December) of the educational institution.



Table 2 – Details of requirements on noise barriers/enclosures (to be read in conjunction with Condition 2.29 and Figures 9a 9b,10 and 11 attached to this Permit)

Location	Track Direction	Type of noise Mitigation Measures	Length (m)	Height (m)
Hin Keng				
P1 as shown on Figures 9a and 9b of this Permit	Up track	Noise barrier	350	2
P2 as shown on Figures 9a and 9b of this Permit	Up track	Noise barrier	100	2
P3 as shown on Figures 9a and 9b of this Permit	Down track	Noise barrier	150	3
P4 as shown on Figures 9a and 9b of this Permit	Tail track	Noise barrier	300	7
P5 as shown on Figures 9a and 9b of this Permit	Up track	Noise barrier	50	3
South-west of TAW near Mei Tin Road as shown on Figure 10 of this Permit	N/A	Noise cover	15	N/A
Hung Hum				
P1 as shown in Figure 11 of this Permit	N/A	Semi-enclosure	N/A	7
P2 as shown in Figure 11 of this Permit	N/A	Noise barrier	35	5
P3 as shown in Figure 11 of this Permit	N/A	Noise barrier	45	5



C 部 (許可證條件)

1. 一般條件

- 1.1 許可證持有人及任何從事工程項目的人士必須完全符合本許可證載列的全部條件。任何人士如有不符合本許可證的情況，可能違反《環境影響評估條例》（第 499 章）的規定，而當局可根據條例採取適當行動。
- 1.2 許可證持有人須經常確保完全符合現行法例的規定，包括但不限於《噪音管制條例》（第 400 章）、《空氣污染管制條例》（第 311 章）、《水污染管制條例》（第 358 章）、《海上傾倒物料條例》（第 466 章）及《廢物處置條例》（第 354 章）。本許可證本身不會就根據任何法例提起的法律程序構成任何抗辯理由，或根據任何法例默示任何批准。
- 1.3 許可證持有人須印製本許可證的複本，連同本許可證所述的所有文件或本許可證 A 部所述文件，以供署長或獲授權人員任何時間內在本許可證所涵蓋的所有工地／辦事處查閱。凡提述本許可證，須包括本許可證所述的所有文件及登記冊內的相關文件。
- 1.4 許可證持有人須把本許可證的一份複本交予工程項目工地的負責人，並確保這些人士完全明白本許可證的所有條件與規定。工地是指工程項目的建造及營辦工地，下文所提及的工地亦屬同一意思。
- 1.5 許可證持有人須在建造工地所有車輛進出口或一處方便地點，顯眼地展示本許可證的複本，以供公眾在任何時間內閱覽。許可證持有人須確保在這些地點展示關於本許可證（包括任何經修訂的許可證）的最新資料。許可證持有人如交回許可證的部分或全部，必須把其送交署長的通知書，在備有原有許可證的各處相同地點展示。遭暫時吊銷、更改或取消的許可證必須從建造工地除下，不再展示。
- 1.6 許可證持有人須依據本許可證 B 部的工程項目說明，建造及營辦本工程項目。
- 1.7 許可證持有人須確保工程項目按照下述資料設計、建造及營辦：SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)；SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)所說明的資料及各項建議；申請文件（申請書編號：AEP-438/2012）；登記冊內的其他相關文件；本許可證所說明的資料或緩解措施及本許可證A部所臚列的更改環境許可證的申請文件；根據本許可證內載的條件須向署長存放或獲署長批准的提交文件所建議的緩解措施；以及在工程項目各階段進行的持續監察及監測工作所建議的緩解措施。登記冊文件所述建議如沒有在本許可證明確表示，則仍須實施這些建議，除非獲本許可證明確豁除或默示修訂。
- 1.8 所有按本許可證規定提交的存放文件，須在接獲署長的意見（如有者）後 1 個月內（除非署長另行指定），根據署長的意見加以修正及重新提交。
- 1.9 署長批准的所有提交文件、署長沒有給予意見的所有存放文件，或根據本許可證規定由署長給予意見修正的所有提交文件，均須詮釋為本許可證 C 部說明的許可證條件的一部分。提交文件如有任何修訂，均須獲署長的書面批准，或符合有關許可證條件訂明的規定。如有不符合提交文件的情況，則可能違反《環境影響評估條例》（第 499 章）的規定。所有提交文件或提交文件的任何修訂本，均須由下文條件第 2.1 及 2.2 項所述的環境小組組長核證及獨立環境查核人核實，然後才按本許可證規定向署長提交。
- 1.10 許可證持有人須把所有按本許可證規定提交的文件定稿公開給公眾人士知道，方



法是把有關文件複本存放於環境影響評估條例登記冊辦事處，或署長指定的任何其他地方，或署長指定的任何互聯網網站，或署長指定的任何其他方法，以供公眾查閱。因此，許可證持有人須提供足夠數量的複本。

- 1.11 本許可證規定向署長提交的所有文件，須親身送交或以掛號方式郵寄至環境影響評估條例登記冊辦事處（現址為：香港灣仔軒尼詩道 130 號修頓中心 27 樓）。所有按本許可證規定提交的文件定稿的電子版本，均須以超文本標示語言（HTML）（第 4.0 或較後版本）和便攜式文件格式（PDF）（第 1.3 或較後版本）製作，除非另獲署長同意，並須與硬複本同時提交。
- 1.12 許可證持有人在工程項目的建造工程展開前，須至少提早 1 個月以書面方式通知署長工程項目建造工程的施工日期。建造工程的施工日期如有任何更改，許可證持有人須立即以書面方式通知署長。
- 1.13 為執行本許可證，「建造工程的展開」不包括有關工地清理和預備工程，或署長同意的其他工程。
- 1.14 許可證持有人在工程項目的營辦展開前，須至少提早 2 個月以書面方式通知署長工程項目開始營辦的日期。開始營辦的日期如有任何更改，許可證持有人須立即以書面方式通知署長。

2. 特定條件

工程項目施工前須提交的文件及採取的措施

聘用環境監察及審核(環監)人員

- 2.1 在工程項目的建造工程展開前，許可證持有人須至少提早 1 個月成立一個環境小組。環境小組不得與工程項目的承辦商或獨立環境查核人有任何聯繫。環境小組須由一名環境小組組長帶領。環境小組組長須在環境監察及審核（環監）或環境管理方面至少有 7 年經驗。環境小組及環境小組組長須按 SCL(TAW-HUH)及 SCL(HHS)環監手冊內載的環監要求，執行環監計劃。環境小組組長須保存一本記錄冊，同時記載可能會影響 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS) 環評報告(登記冊檔號：AEIAR-164/2012)的建議及本許可證的符合情況的每宗事件、每種情況或每次情況變化。環境小組組長須在發生任何類似事件、情況或情況變化後 1 個工作天內通知獨立環境查核人。存放這本環境小組組長的記錄冊的地方，須可供協助督導執行 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS) 環評報告(登記冊檔號：AEIAR-164/2012)的建議及本許可證的所有人士、署長或獲授權人員隨時查閱。環境小組組長如未能在記錄冊保存記錄、未能執行環監手冊所列明的環境小組組長職務，或未能符合本條件的規定，署長有權以書面要求許可證持有人撤換環境小組組長。許可證持有人如未能安排人選替補，或在聘用新環境小組組長後仍未能在記錄冊保存同期的記錄，或會導致許可證遭暫時吊銷、取消或更改。
- 2.2 在工程項目的建造工程展開前，許可證持有人須至少提早 1 個月聘用一名獨立環境查核人。獨立環境查核人不得與工程項目的承辦商或環境小組有任何聯繫。獨立環境查核人須在環監或環境管理方面至少有 7 年經驗。獨立環境查核人須執行 SCL(TAW-HUH)及 SCL(HHS)環監手冊所列明的職務，以及審核整體的環監表現，包括實施所有環境緩解措施、提交 SCL(TAW-HUH)及 SCL(HHS)環監手冊規定的文件，以及提交本許可證所要求的其他文件。此外，獨立環境查核人須核實永久及臨時工程在環境上的可接受程度、相關的設計圖則和根據本許可證提交的文件，並須核實本許可證條件第 2.1 項所述的記錄冊。在每次發生事件、出現情況變化或



不符合 SCL(TAW-HUH) 環評報告(登記冊檔號: AEIAR-167/2012)及 SCL(HHS) 環評報告(登記冊檔號: AEIAR-164/2012)及本許可證的情況, 而可能會妨礙就工程項目所造成不良環境影響而進行的監察或控制工作時, 獨立環境查核人須在接獲環境小組組長通知後 1 個工作天內以傳真方式通知署長。獨立環境查核人如未能通知署長有關情況, 未能執行環監手冊所列明的獨立環境查核人職務, 或未能符合本條件的規定, 署長可以書面要求許可證持有人撤換獨立環境查核人。如未能按指示撤換獨立環境查核人, 或在聘用新獨立環境查核人後仍未能通知署長有關情況, 則或會導致許可證遭暫時吊銷、取消或更改。為執行本條件, 許可證持有人的通知等同獨立環境查核人的通知。

社區聯絡小組

- 2.3 在工程項目的建造工程展開前, 許可證持有人須成立社區聯絡小組, 由相關及受影響團體代表組成, 包括位於鐵路路線上受影響地區的業主立案法團、管理公司、地區委員會、居民及學校, 以便在整段建造期間內就工程項目的所有環境問題加強與有關人士的溝通, 處理有關的查詢和投訴, 並與社區聯絡小組保持聯絡。許可證持有人須與社區聯絡小組跟進許可證持有人所建議的緩解措施及其他措施的實施情況, 例如實施間接技術補救措施, 為受經空氣傳送建築噪音影響的合資格住宅安裝厚玻璃窗和空調設備, 以及持續噪音監測的安排等。在工程項目的建造工程展開前, 許可證持有人須至少提早 1 個月通知署長社區聯絡小組的確實成立日期、成員名單、職權範圍及聯絡詳情。
- 2.4 在工程項目的建造工程展開前, 許可證持有人須為工程項目設立特定電話投訴熱線, 以迅速回應及處理公眾關注的環境事宜和投訴。特定電話投訴熱線須於工程項目的整段建造期間維持運作。

聘請註冊樹藝師

- 2.5 許可證持有人須就工程項目委聘一名註冊樹藝師, 以提供意見及進行監察, 並確保各項保護受工程項目影響的樹木和將予移植樹木的措施能妥善執行, 以及擬備根據本許可證條件第 2.13 項規定提交的文件。

聘請合資格的考古學家

- 2.6 許可證持有人須聘請一名合資格的考古學家, 根據本許可證條件第 2.16 項的規定, 在前大磡村用地及聖山(北)的研究範圍作進一步考古勘探及進行搶救發掘, 以保存任何考古遺物。

主要建造公司的管理架構

- 2.7 許可證持有人須在工程項目的建造工程展開前, 至少提早 2 個星期把主要建造公司及/或以任何形式與建造工程項目相關的合營企業的管理架構, 以書面通知署長。提交的資料須至少包括一份組織圖、負責人的姓名及聯絡資料。

提交建造工程計劃及環境許可證文件提交時間表

- 2.8 許可證持有人在工程項目的建造工程展開前, 須至少提早 2 個星期向署長存放建造工程計劃的 4 份硬複本及 1 份電子版本, 展示建造工程主要項目的施工及竣工日期, 以及為符合本許可證提交文件的規定的預計文件提交時間表。倘若已提交的建造工程計劃及環境許可證文件提交時間表其後如有任何項目更改, 許可證持有人須以書面方式通知署長。



提交建築噪音緩解措施計劃

- 2.9 為進一步減少經空氣傳送建築噪音對 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS) 環評報告(登記冊檔號：AEIAR-164/2012)內預計本許可證表 1 所示超標的 19 個噪音敏感受體在採取緩解措施後所受的影響，許可證持有人須在工程項目的建造工程展開前，至少提早 1 個月向署長提交許可證持有人建議的經更新的建築噪音緩解措施計劃和其他措施的 4 份硬複本及 1 份電子版本，以供審批。有關計劃須包括：

- (a) 距離噪音敏感受體 300 米範圍內的工程項目工地進行的建造工程時間表；
- (b) 建造工程經更新的施工方法；
- (c) 建造工程經更新的機動設備名單；
- (d) 為本許可證表 1 所示的 19 個噪音敏感受體提供經更新的經空氣傳送噪音緩解建議措施，包括設置隔音屏障和隔音罩及間接技術補救措施；以及
- (e) 根據上述經更新的資料及採取建議緩解措施後作出的更新噪音水平預測。

建築噪音緩解措施計劃在提交署長前，須由環境小組組長核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS) 環評報告(登記冊檔號：AEIAR-164/2012)的有關資料及建議。核准的建築噪音緩解措施計劃所建議的全部措施均須徹底及妥善執行。

2.10 提交持續噪音監測計劃

在工程項目的建造工程展開前，許可證持有人須至少提早 1 個月把工程項目持續噪音監測計劃的 4 份硬複本及 1 份電子版本，提交署長批核。有關計劃須包括：

- (a) 就核准的 SCL(TAW-HUH)環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS) 環評報告(登記冊檔號：AEIAR-164/2012)內預計及根據條件第 2.9 項核准的經更新建築噪音緩解措施計劃所指：為經空氣傳送建築噪音對本許可證表 1 所示超標的噪音敏感受體在採取緩解措施後所受的影響而實施有關持續噪音監測的經更新環境監測及審核規定；
- (b) 用 1:5 000 或署長同意的其他合適比例繪製的圖則，展示建議進行持續噪音監測的地點；
- (c) 監測方法及測量參數；
- (d) 在有關噪音監測數據收集或可供瀏覽後的 2 個工作天內於網站匯報持續噪音監測結果的系統；以及
- (e) 事件及行動計劃，闡述倘若量度的噪音水平超逾核准的 SCL(TAW-HUH)環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)預計的最壞情況或根據條件第 2.9 項核准的建築噪音緩解措施計劃經更新的噪音水平時所採取的即時補救措施。

持續噪音監測計劃在提交署長前，須由環境小組核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)的有關資料及建議，或根據條件第 2.9 項核准的建築噪音緩解措施計劃載述經更新的噪音水平預測。根據本條件核准的持續噪音監測計劃所建議的措施全部均須徹底及妥善執行。

提交拆建物料管理計劃

- 2.11 許可證持有人須在工程項目的建造工程展開前，至少提早 1 個月，向署長提交拆建物料管理計劃的 4 份硬複本及 1 份電子版本，以供審批。拆建物料管理計劃須



說明建造工程項目時所產生的拆建物料在避免產生、再使用、回收、循環再造、貯存、收集、處理和棄置方面的安排。拆建物料管理計劃須顯示所有剩餘挖出棄土及其他廢物的棄置地點。拆建物料管理計劃亦須包括運載記錄制度。除非另獲署長批准，剩餘挖出棄土及其他廢物，只可在指定的棄置地點棄置。

拆建物料管理計劃在提交署長前，須由環境小組組長核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)所載的相關資料及建議。核准的拆建物料管理計劃建議的所有措施均須徹底及妥善執行。

提交沉積物管理計劃

- 2.12 在涉及疏浚／挖掘沉積物的建造工程展開前，許可證持有人須至少提早 1 個月把沉積物管理計劃的 4 份硬複本及 1 份電子版本提交署長審批。沉積物管理計劃須包括但不限於建造工程項目所釋出的沉積物在棄置前的妥善處理方法。

沉積物管理計劃在提交署長前，須由環境小組組長核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)所載的相關資料及建議。核准的沉積物管理計劃建議的所有措施均須徹底及妥善執行。

提交視覺、景觀及植樹與樹木保護計劃

- 2.13 在工程項目的建造工程展開前，許可證持有人須至少提早 1 個月把視覺、景觀及植樹與樹木保護計劃的 6 份硬複本及 1 份電子版本提交署長審批。有關計劃須包括比例 1:1 000 或署長同意的其他合適比例繪製的圖則，展示工程項目的視覺、景觀及植樹與樹木保護措施，並須至少包括以下資料：
- (a) 就地面建築物包括前紅磡貨運站的列車停放處、顯徑車站、出入口、通風大樓、通風井、入口、隔音屏障／隔音罩及高架橋段所採取的景觀及建築優化措施；
 - (b) 樹木保護建議，須顯示將予保留樹木的位置、大小、數量及品種；以及保護獲保留樹木的詳細作業方法說明；
 - (c) 移植建議，須顯示將予移植樹木的位置、大小、數量及品種，以及樹木的最終移植地點；
 - (d) 樹木砍伐建議，須顯示將予砍伐的植物位置、大小、數量及品種；
 - (e) 補償植樹建議，須顯示將予栽種或補償種植樹木的位置、大小、數量及品種；
 - (f) 植樹後護理的建議，須顯示就本條件規定而補償移植和種植樹木的建議培植期、相關的保養護理要求及次數；以及
 - (g) 上文(a)至(f)項建議措施的實施計劃、保養及管理時間表。

條件第 2.13(b)至(f)項所指的建議須由條件第 2.5 項委聘的註冊樹藝師擬備。有關計劃須由環境小組組長核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)、SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)及本許可證 A 部所臚列的更改環境許可證的申請文件所載的資料及建議。核准計劃建議的所有措施均須為工程項目徹底及妥善執行及維持。

提交具重要保護價值的植物品種移植建議

- 2.14 為減輕因損失具重要保護價值的植物品種而造成的生態影響，工程範圍內受影響的植物牙香樹須在建造工程展開前移植，並須進行移植前的詳細調查，以確定植



物品種牙香樹在工程範圍內的存在及位置。許可證持有人須在移植工作展開前，至少提早 2 個月向署長存放移植建議書的 4 份硬複本及 1 份電子版本。詳細的移植建議書須包括下列資料：

- (a) 負責移植工作的專家資歷；
- (b) 將予移植的植物數量、位置及照片；
- (c) 接收移植植物地點的位置；
- (d) 方法及執行計劃；以及
- (e) 移植後詳細的植物保養及監察程序。

移植建議書在提交署長前，須由環境小組組長核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)所載的資料及建議。

提交保護計劃

- 2.15 在影響兩座歷史建築物(即位於前大磡村用地的前皇家空軍飛機庫及機槍堡)的建造工程展開前，許可證持有人須至少提早 2 個月把該兩座歷史建築物保護計劃的 4 份硬複本及 1 份電子版本提交署長審批。保護計劃須至少包括以下資料：

- (a) 拆卸及重置該兩座歷史建築物的詳細計劃；以及
- (b) 計劃所建議採取的執行計劃、保養及管理程序。

保護計劃在提交署長前，須由環境小組組長核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)所載的資料及建議。核准的保護計劃建議的所有措施均須為工程項目徹底及妥善執行。

提交考古行動計劃

- 2.16 許可證持有人在前大磡村用地或聖山(北)的研究範圍作進一步考古勘探前，須至少提早 2 個月向署長存放有關土地的考古行動計劃的 4 份硬複本及 1 份電子版本。考古行動計劃須包括：

- (a) 在前大磡村用地及聖山(北)的研究範圍作進一步考古勘探及搶救發掘的詳細計劃；
- (b) 制訂應變計劃，應付當進一步考古勘探及搶救發掘進行期間有重大考古發現時的可能安排。

考古行動計劃在提交署長前，須由環境小組組長核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)所載的資料及建議。經存放的考古行動計劃建議的所有措施均須為工程項目徹底及妥善執行。

建造工程項目期間須提交的文件或採取的措施

為避免龍津石橋及前九龍城碼頭受影響而採取的措施

- 2.17 為避免對龍津石橋及前九龍城碼頭的遺址有直接影響，本許可證圖 6 所示的龍津石橋和前九龍城碼頭遺址之間的「緩衝距離」內不得進行工程項目的地面建造工程。



建築塵埃影響的緩解措施

2.18 為盡量減低建築塵埃影響，須實施以下的塵埃緩解措施：

- (a) 每 1 個工作小時在九龍區施工中的工程區、露天地區和已鋪面的工地通道上灑水一次，以保持這些施工中的工程區、露天地區和已鋪面的工地通道濕潤；
- (b) 每 1.5 個工作小時在大圍區施工中的工程區、露天地區和已鋪面的工地通道上灑水一次，以保持這些施工中的工程區、露天地區和已鋪面的工地通道濕潤；以及
- (c) 卸泥的過程須在有蓋三面圍封的躉船轉運站的卸貨區進行，並須在排放口灑水和加裝彈性擋塵幕。

建造機械空氣污染物排放的緩解措施

2.19 承辦商在工程項目施工區內所使用的柴油推動建造機械，包括船隻(如可能的話)，全部均須以超低含硫量柴油推動。

挖泥工程對水質影響的緩解措施

- 2.20 啓德機場跑道躉船轉運站的所有挖泥工程只限在本許可證圖 7 所示的地界內進行。未經署長的書面批准，不得擴展地界。
- 2.21 挖泥工程只可採用密封式抓斗挖泥機或閉合式鏟斗反鏟挖泥機進行。挖泥量每日不得超過 500 立方米。密封式抓斗挖泥機的挖泥量每小時不得超過 41.7 立方米，而閉合式鏟斗反鏟挖泥機每小時不得超過 33.3 立方米。除密封式抓斗挖泥機或閉合式鏟斗反鏟挖泥機外，其他類型挖泥機的使用或挖泥量須在使用前事先獲署長書面批准。
- 2.22 在挖泥工程進行期間，每部密封式抓斗挖泥機或閉合式鏟斗反鏟挖泥機或署長批准的其他類型挖泥機須以隔泥幕圍封。

提交污染評估報告和整治計劃書

- 2.23 在土地移交許可證持有人後，許可證持有人須就本許可證圖 8 所示位於顯徑的新界南動物管理中心的泥土取樣和氰化物(游離)分析進行附加土地污染評估。許可證持有人須在完成土地污染調查工作後 1 個月內，向署長存放污染評估報告的 3 份硬複本及 1 份電子版本，該報告須記錄附加土地污染評估的結果。倘若土地證實受到污染，許可證持有人須制訂所需的整治措施，並把整治計劃書的 3 份硬複本及 1 份電子版本提交署長審批。污染評估報告及整治計劃書在提交署長前，須由環境小組組長核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)所載的資料及建議。

土地污染緩解措施及提交整治工程報告

- 2.24 倘若土地證實受到污染，許可證持有人須徹底執行按本許可證條件第 2.23 項核准的整治計劃書載述的所有整治措施。
- 2.25 如須進行整治，許可證持有人須在整治工程完成後1個月內，向署長存放整治報告的3份硬複本及1份電子版本。整治報告須提供所進行的整治工程詳情、受污染泥土的類別及數量、處理標準及水平，以及所有工地及工地以外的棄置地點位置(連同棄置記錄)。整治報告須由環境小組組長核證及獨立環境查核人核實，證明已履



行條件第2.24項的規定。該整治報告獲環保署通過前，許可證持有人不得在位於顯徑的新界南動物管理中心進行建造工程。

在工程項目營辦之前及期間須提交的文件及採取的措施

就運作噪音影響提交的文件及採取的緩解措施

- 2.26 許可證持有人營辦工程項目須採用 8 節車廂的 SP1900/SP1950 型列車，或其他在噪音表現方面相等或較佳的列車型號，惟須由環境小組組長提出理據支持及由獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)所載的資料、規定及建議。由 0700 時至 2300 時期間，工程項目營運的行車班次，最高密度每個方向每 30 分鐘不得超過 12 班。由 2300 時至翌日 0700 時期間，工程項目營運的行車班次，最高密度每個方向每 30 分鐘不得超過 6 班。
- 2.27 許可證持有人須在工程項目隧道挖掘工程的相關部分竣工後 1 個月內，向署長存放地層傳導運作噪音緩解措施計劃的 4 份硬複本及 1 份電子版本，以證明就工程項目的地層傳導運作噪音所建議的緩解措施是否足夠。該計劃須檢討及核實核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)內採用的假設，例如線狀震源傳遞性及地層震動的情況，並須包括實施所需的任何額外噪音緩解措施的理據及建議，包括但不限於：

- (a) 彈性底板 (類別 1)
- (b) 隔離式道床 (類別 4)

地層傳導運作噪音緩解措施計劃在提交署長前，須由環境小組組長核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)所載的資料及建議。

- 2.28 許可證持有人須在鐵路路軌安裝工程竣工後 1 個月內，根據上文條件第 2.27 項存放的地層傳導運作噪音緩解措施計劃內建議的地層傳導運作噪音緩解措施，向署長存放整套竣工圖的 4 份硬複本及 1 份電子版本。整套竣工圖在提交署長前，須由環境小組組長核證及獨立環境查核人核實，證明按條件第 2.27 項存放的計劃所列明的措施已徹底及妥善執行。
- 2.29 為緩解大圍站至顯徑站的一段高架橋段及紅磡列車停放處運作時產生經空氣傳導的運作噪音，許可證持有人須設置本許可證表 2 和圖 9a、9b、10 及 11 所示的噪音緩解措施。
- 2.30 許可證持有人須在按上文條件第 2.29 項規定完成設置噪音緩解措施後的 1 個月內，向署長存放整套竣工圖的 4 份硬複本及 1 份電子版本，當中須顯示：
- (a) 按上文條件第 2.29 項規定設置的空氣傳導運作噪音緩解措施；以及
 - (b) 任何額外措施或修訂措施(如有需要)。

空氣傳導運作噪音緩解措施的整套竣工圖在提交署長前，須由環境小組組長核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)所載的資料及建議。已存放的竣工圖所建議的全部措施，均須為工程項目徹底及妥善執行與維持。



- 2.31 在工程項目展開營辦前，許可證持有人須至少提早 1 個月進行噪音水平測試，並向署長存放噪音水平測試報告的 4 份硬複本及 1 份電子版本，以確定空氣和地層傳導運作噪音水平符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)的規定。噪音水平測試報告在提交署長前，須由環境小組組長核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)所載的資料及建議。噪音水平測試報告建議的所需措施，均須為工程項目徹底及妥善執行與維持。
- 2.32 在工程項目展開營辦前，許可證持有人須至少提早 1 個月進行機房設備噪音審核，並向署長存放審核報告的 4 份硬複本及 1 份電子版本，顯示與工程項目有關的機房設備的設計令噪音源符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)訂定的最高聲功率級。審核報告亦須確定機房設備噪音源發出的噪音須不帶有音調、脈衝及斷續的特性。審核報告須由環境小組組長核證及獨立環境查核人核實，證明其符合核准的 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012)及 SCL(HHS)環評報告(登記冊檔號：AEIAR-164/2012)所載的資料及建議。

提交景觀及視覺影響緩解措施的竣工圖

- 2.33 在工程項目展開營辦前，許可證持有人須至少提早 1 個月向署長存放景觀及視覺緩解措施竣工圖的 4 份硬複本及 1 份電子版本。竣工圖須附有說明，詳述植樹的最終位置、大小、數量及品種，以展示符合根據本許可證條件第 2.13 項提交的核准文件。所提交的竣工圖須由環境小組組長核證及獨立環境查核人核實，證明根據條件第 2.13 項核准的視覺、景觀及植樹與樹木保護計劃已徹底及妥善執行。

鐵路路軌徑流對水質影響的緩解措施

- 2.34 為緩解鐵路路軌的隧道徑流對水質的影響：
- (a) 路軌排水渠排出的污水應先經過油污／砂礫截流管／池，以清除油污、油脂及沉積物，然後排進公眾雨水渠／公共污水渠系統；
 - (b) 淤泥收集器及集油器應定期清潔及保養；以及
 - (c) 集油器內收集的油污應轉移到適當的處置設施或在可能時回收利用。

3. 環境監察及審核規定

- 3.1 環監計劃須按 SCL(TAW-HUH)環監手冊、SCL(HHS)環監手冊及按本許可證條件第 2.10 項核准的持續噪音監測計劃所載的程序及規定執行。許可證持有人須根據條件第 2.8 項提交的建造工程計劃檢討有關環監規定或計劃。環監規定或計劃如有任何更改，或環監計劃如需終止，須由環境小組組長提出充分理由支持，並由獨立環境查核人核實，證明其符合 SCL(TAW-HUH)環監手冊、SCL(HHS)環監手冊及按本許可證條件第 2.10 項核准的持續噪音監測計劃所載規定，並須事先取得署長的批准，方可執行。
- 3.2 取樣、測量及所需的補救行動，均須按照 SCL(TAW-HUH)環監手冊及 SCL(HHS)環監手冊所載規定進行：
- (a) 進行環境基線監測；
 - (b) 進行影響監測；



- (c) 如超逾 SCL(TAW-HUH)環監手冊及 SCL(HHS)環監手冊內指定的標準，則按照 SCL(TAW-HUH)環監手冊及 SCL(HHS)環監手冊內的事件／行動計劃所訂明的時限或署長所同意的時限，執行事件／行動計劃所說明的補救行動；以及
 - (d) 在收集數據或完成補救行動 3 個工作天內，記錄及備存上文(a)至(c)項所有參數的詳情，用作擬備並提交每月環監報告，並備妥有關資料以供在工地查閱。
- 3.3 在工程項目的建造工程展開前，須至少提早 2 個星期向署長提交基線監測報告的 4 份硬複本及 1 份電子版本。提交文件須由環境小組組長核證及獨立環境查核人核實。如署長要求，則須提交文件的額外複本。
- 3.4 在規定提交報告的月份結束後 2 個星期內，須向署長提交每月環監報告的 4 份硬複本及 1 份電子版本。環監報告須包括各種不符合（超出）環境質素表現規限（行動及極限水平）情況的摘要。文件在提交署長前，須由環境小組組長核證及獨立環境查核人核實，證明符合 SCL(TAW-HUH)環監手冊及 SCL(HHS)環監手冊所載的規定。如署長要求，則須提交每月環監報告的額外複本。
- 3.5 根據本許可證提交的所有環監數據，均須有效及真實無誤。

4. 環監資料的電子匯報

- 4.1 為方便公眾透過環評條例互聯網網站及在環評條例登記冊辦事處查閱基線監測報告及每月環監報告，以超文本標示語言 (HTML) (第 4.0 或較後版本) 及便攜式文件格式 (PDF) (第 1.3 或較後版本) 製作的報告的電子版本，除非另獲署長同意，須與本許可證上文條件第 3.3 及 3.4 項所說明的硬複本同時提交。關於 HTML 的版本方面，可與報告各節及小節作出超文本連結的目錄須在文件開端加入。報告內各類圖表須在載有相關資料的正文內作出超文本連結。除非另獲署長同意，報告內所有圖形均須以交錯存取的 GIF 格式制定。報告的電子版本內容，必須與硬複本的內容一致。
- 4.2 許可證持有人須在工程項目的建造工程展開後 1 個月內，設立特定網站存放環境監察及工程項目數據，並以書面通知署長有關網址所在。上文條件第 4.1 項說明的所有環境監察結果及本許可證規定提交的所有文件，均須盡快透過許可證持有人設立的特定網站供公眾查閱，在任何情況下均不得遲於有關環境監察數據收集或可供閱覽後的 2 個星期，除非另獲署長同意。許可證持有人除非另獲署長同意，否則須在工程項目整段施工期及首 3 年的營辦期期間維持特定網站的運作，以供公眾查閱環境監察的數據及報告。
- 4.3 本許可證條件第 4.2 項說明的互聯網網站，必須方便用戶使用，讓公眾容易接達監察數據及工程項目資料，包括工程項目的核准 SCL(TAW-HUH) 環評報告(登記冊檔號：AEIAR-167/2012) 及 SCL(HHS) 環評報告(登記冊檔號：AEIAR-164/2012)、環境許可證和工程項目簡介。除非另獲署長同意，互聯網網站須具備部件，提供下述功能：
- (a) 在建造工程展開後，接達所收集的工程項目全部環境監察數據；
 - (b) 接達所有本許可證內要求提交的文件及計劃的最終版本；
 - (c) 按日期搜尋；
 - (d) 按監察數據類別(水質、噪音及空氣質素)搜尋；以及
 - (e) 在搜尋後與相關的監察數據作出超文本連結；



註：

1. 本許可證共有 3 部，即 A 部（許可證主要部分）；B 部（指定工程項目的說明）及 C 部（許可證條件）。任何援引本許可證的人士須就環評條例的法律含意徵詢獨立法律意見，下述註解只供一般參考用。
2. 如違反本許可證的任何條件，署長或獲授權人員徵得環境局局長的同意後可勒令停止相關工程，直至許可證持有人為所造成的環境損害採取補救行動為止。在此情況下，許可證持有人未經署長或獲授權人員同意，不得進行任何相關工程。
3. 許可證持有人可根據環評條例第 13 條的規定向署長申請更改本環境許可證的條件。許可證持有人須把經修改的許可證替換在工程項目工地內展示的原有許可證。
4. 承擔工程項目整項或部分工程項目的責任的人，在承擔責任之前，可根據環評條例第 12 條的規定向署長申請新的環境許可證。
5. 根據環評條例第 14 條的規定，署長可在環境局局長的同意下暫時吊銷、更改或取消環境許可證。遭暫時吊銷、更改或取消的環境許可證必須從工地除下，不再展示。
6. 如果本許可證在工程項目建造期間取消或交回，則在繼續進行工程項目之前，必須先根據環評條例規定取得另一份環境許可證。根據環評條例第 26(1)條的規定，任何人在沒有有效環境許可證的情況下建造或營辦環評條例附表 2 第 I 部所列明的指定工程項目，即屬犯罪。
7. 如任何人在違反本許可證的條件下建造工程項目，根據環評條例，即屬犯罪：
 - (i) 一經循公訴程序首次定罪，可處罰款 200 萬元及監禁 6 個月；
 - (ii) 一經循公訴程序第二次或其後每次定罪，可處罰款 500 萬元及監禁 2 年；
 - (iii) 一經循簡易程序首次定罪，可處第 6 級罰款及監禁 6 個月；
 - (iv) 一經循簡易程序第二次或其後每次定罪，可處罰款 100 萬元及監禁 1 年；以及
 - (v) 在任何情況下如該罪行屬連續性質，法院或裁判官可就其信納該罪行連續的每一日另處罰款 10,000 元。
8. 許可證持有人可在接獲本許可證後 30 天內，根據環評條例第 17 條就本許可證的任何條件提出上訴。
9. 上述註解只供一般參考用，欲知有關詳情，許可證持有人須參閱環評條例及徵詢獨立法律意見。

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表 1 – 噪音敏感受體列表，其預計的剩餘經空氣傳送建築噪音影響超逾《環境影響評估條例技術備忘錄》表 1B 所列的噪音準則(須與本許可證條件第 2.9 項一併閱讀)

(摘自 SCL(TAW-HUH)環評報告(登記冊檔號： AEIAR-167/2012)的表 8.15

噪音敏感受體編號	噪音敏感受體名稱	用途 ^[1]	準則 ^[2] 分貝(A)	預計的最高噪音水平分貝(A)	預計的剩餘噪音影響分貝(A)
TAW-6-7	香港中文大學校友會聯會張煊昌學校	E	70 (65) ^[2]	68(67)	0 (2) ^[3]
DIH-9-1	錫安樓	E + W	70 (65) ^[2]	70 (70)	0(5) ^[3]
DIH-13-1	嘉諾撒小學	E	70 (65) ^[2]	67(66)	0(1) ^[3]
DIH-14-1	采頤花園第 2 座	R	75	77	2
DIH-14-4	嘉諾撒小學(新蒲崗)	E	70 (65) ^[2]	69 (68)	0 (3) ^[3]
DIH-14-5	采頤花園第 1 座	R	75	78	3
TKW-1-1	22 居	R	75	80	5
TKW-2-2	傲雲峰第 2 座	R	75	76	1
TKW-3-2	寧興樓	R	75	80	5
MTW-12-3	好運樓	R	75	80	5
MTW-12-4	馬頭圍道 352-354 號(東面)	R	75	80	5
MTW-12-4-1	馬頭圍道 352-354 號 (北面)	R	75	84	9
MTW-12-10	七喜大廈(南面)	R	75	84	9
MTW-12-10-1	七喜大廈(東面)	R	75	80	5
MTW-12-11	晶明大廈	R	75	82	7
MTW-16-1	聖公會牧愛小學	E	70 (65) ^[2]	79 (79)	9(14) ^[3]
MTW-18-2	九龍城道 2 號	R	75	81	6
HOM-2-1-A	富怡閣(東面)	R	75	78	3
HUH-1-3	榮豐大樓	R	75	77	2

註：

[1] R- 住宅；E- 教育機構；W- 敬拜場所

[2] 括號中的數值顯示教育機構考試時段的噪音準則(在 5 月、6 月、11 月及 12 月的一般考試時段)。

[3] 只預計教育機構在考試時段受到的剩餘影響(在 5 月、6 月、11 月及 12 月的一般考試時段)。



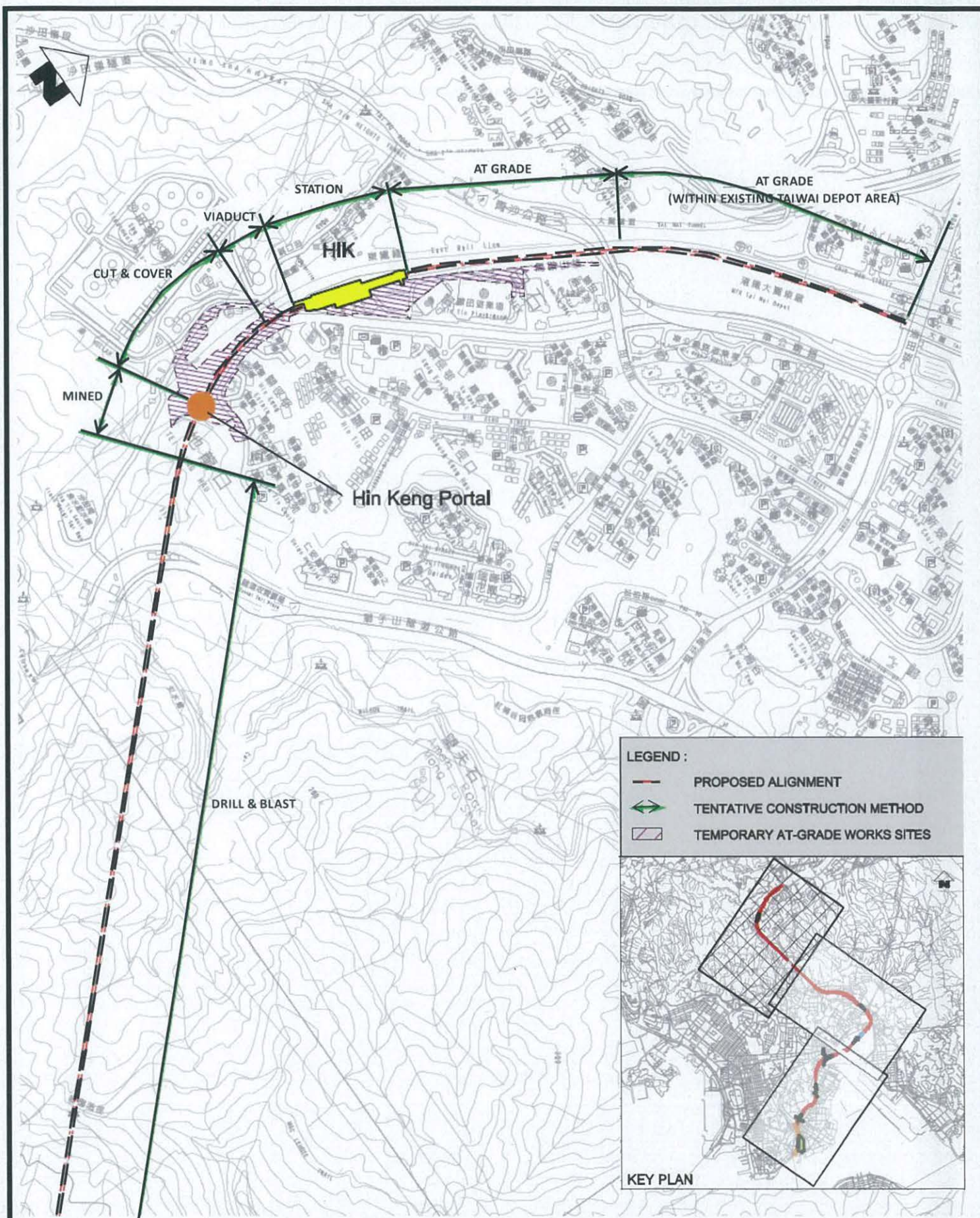
表 2 – 隔音屏障／隔音罩的規定詳情(須與本許可證條件第2.29項及夾附的圖9a、9b、10及11一併閱讀)

位置	路軌方向	噪音緩解措施類別	長度 (米)	高度 (米)
顯徑				
本許可證圖9a和9b所示的P1	上行路軌	隔音屏障	350	2
本許可證圖9a和9b所示的P2	上行路軌	隔音屏障	100	2
本許可證圖9a和9b所示的P3	下行路軌	隔音屏障	150	3
本許可證圖9a和9b所示的P4	尾軌	隔音屏障	300	7
本許可證圖9a和9b所示的P5	上行路軌	隔音屏障	50	3
本許可證圖10所示的大圍西南面近美田路	不適用	隔音蓋	15	不適用
紅磡				
本許可證圖11所示的P1	不適用	半密封式隔音罩	不適用	7
本許可證圖11所示的P2	不適用	隔音屏障	35	5
本許可證圖11所示的P3	不適用	隔音屏障	45	5





Figure 1 圖一	Location Plan of the Project 工程項目的位置圖 [This figure was prepared based on the attachment of the Application No.: VEP-484/2015] [本圖是根據申請編號 VEP-484/2015 的附件編制]
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Project Title
工程名稱

Shatin to Central Link (SCL) - Tai Wai to
Hung Hom Section 沙田至中環綫 - 大圍至
紅磡段

Environmental Permit No.: EP-438/2012/I
環境許可證編號：EP-438/2012/I

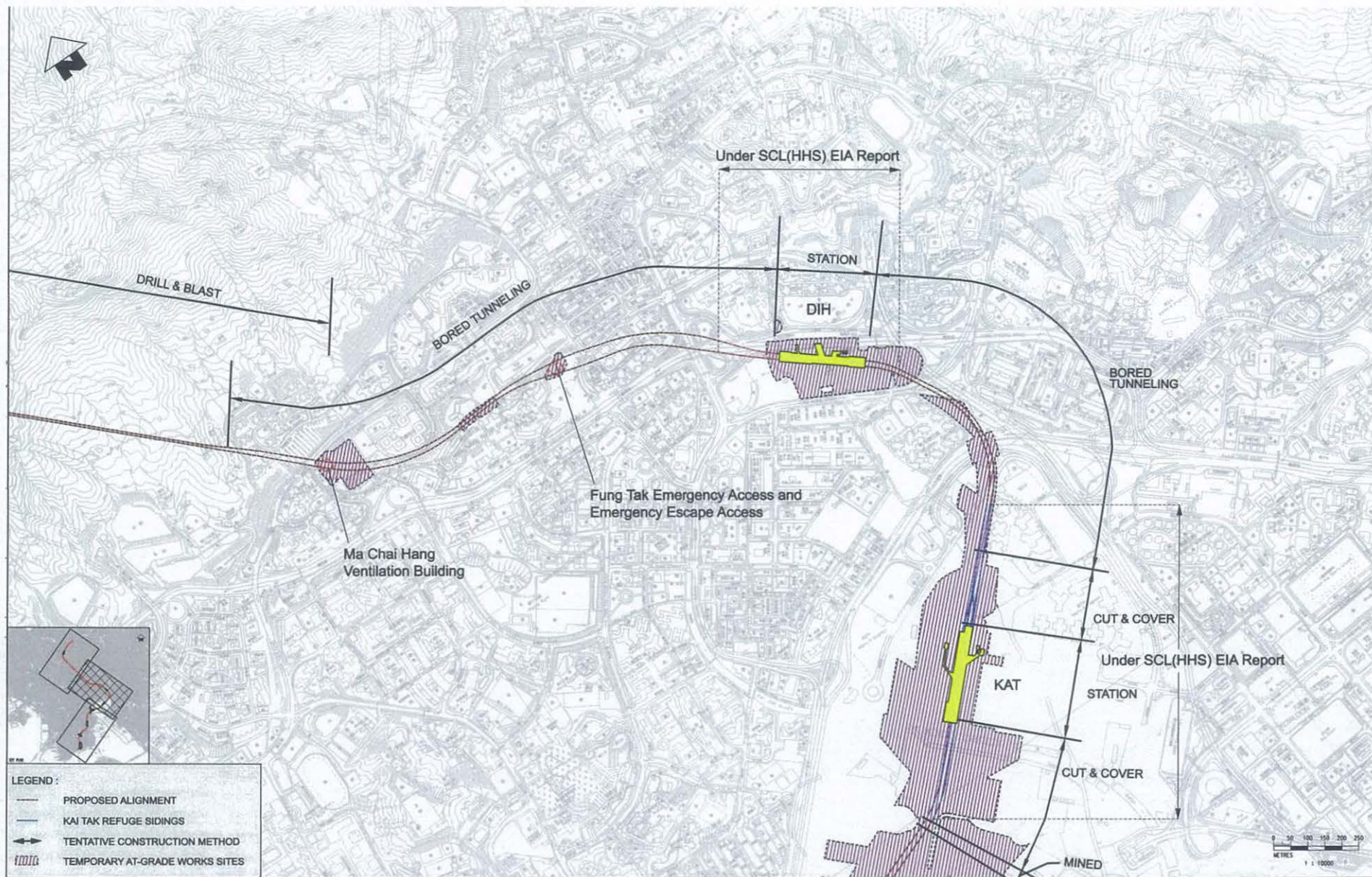
Figure 2
圖二

Location of the Works Areas 工地位置圖

[This figure was prepared based on Figure 3.1.1 in the EP Application No.: AEP-438/2012]

[本圖是根據環境許可證申請編號 AEP-438/2012 中圖 3.1.1 編制]





Project Title
工程名稱

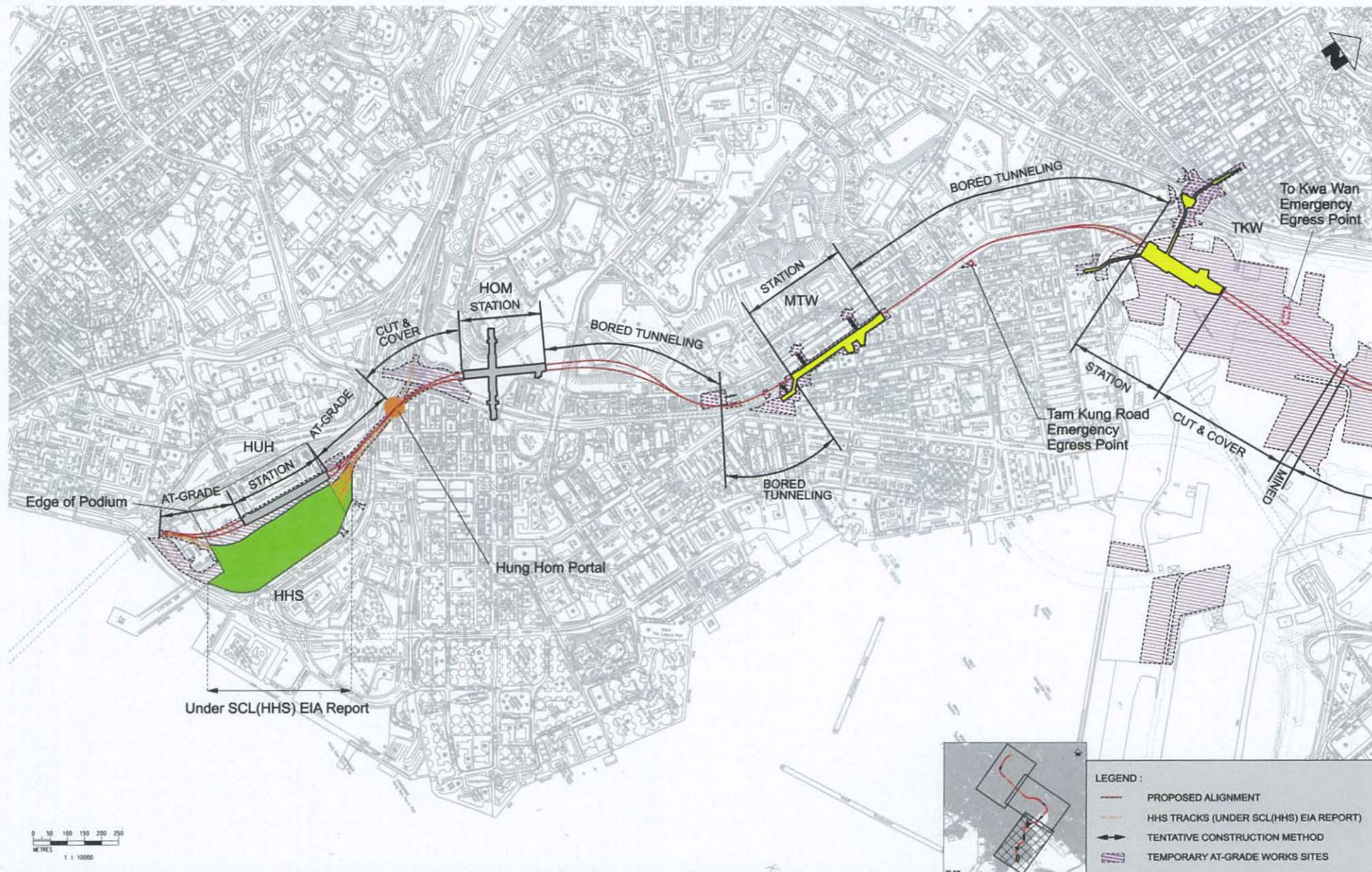
Shatin to Central Link (SCL) - Tai Wai to Hung Hom Section
沙田至中環綫 - 大圍至紅磡段

Environmental Permit No.: EP-438/2012/I
環境許可證編號: EP-438/2012/I

Figure 3
圖三

Location of the Works Areas 工地位置圖
[This figure was prepared based on the attachment of the Application No.: VEP-444/2014] [本圖是根據申請編號 VEP-444/2014 的附件編制]





Project Title
工程名稱

Shatin to Central Link (SCL) - Tai Wai to Hung Hom Section
沙田至中環綫 - 大圍至紅磡段

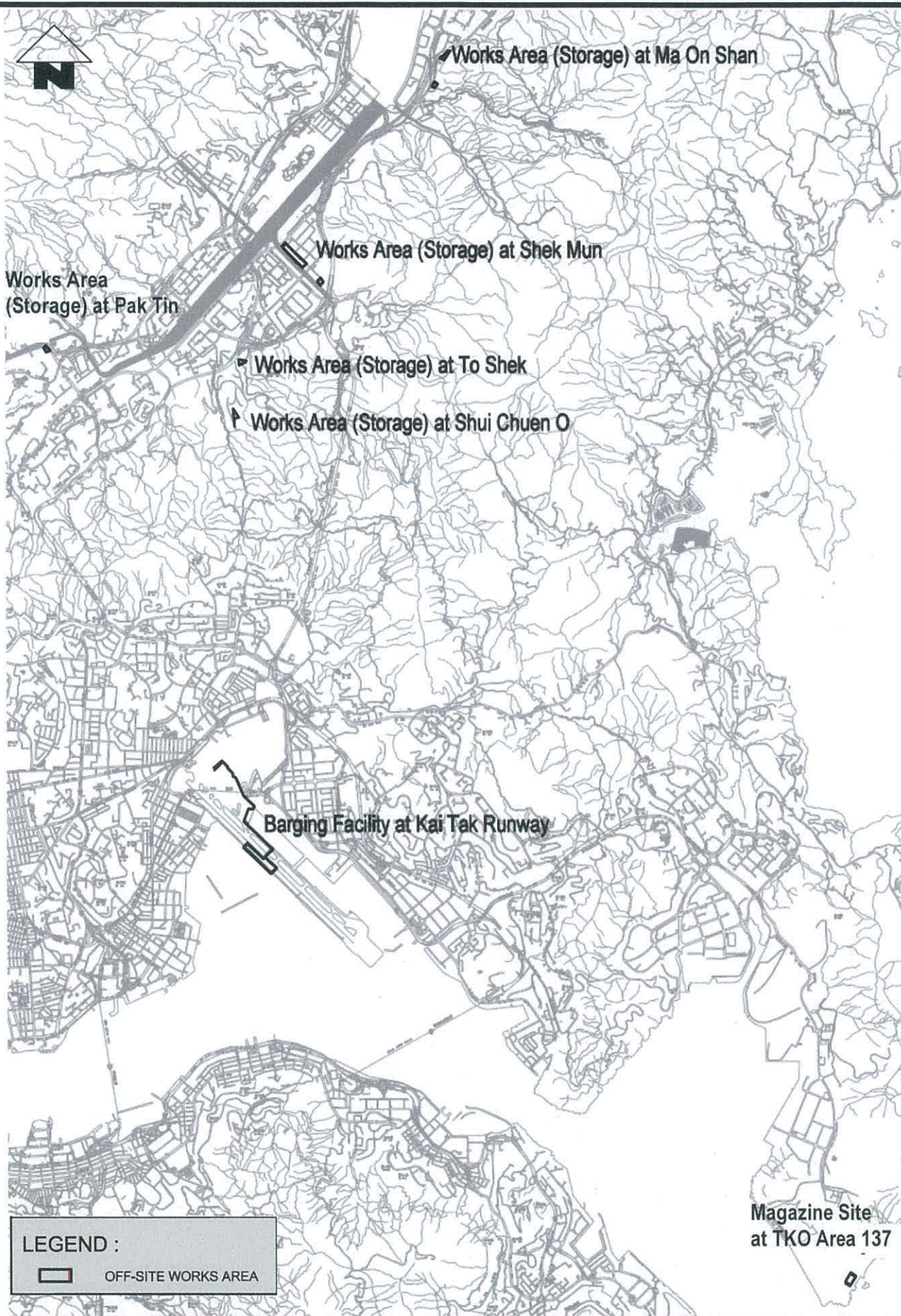
Environmental Permit No.: EP-438/2012/I
環境許可證編號: EP-438/2012/I

Figure 4
圖四

Location of the Works Areas 工地位置圖

[This figure was prepared based on the attachment of the Application No.: VEP-484/2015] [本圖是根據申請編號 VEP-484/2015 的附件編制]





Project Title
工程名稱

Shatin to Central Link (SCL) - Tai Wai to Hung Hom
Section 沙田至中環綫 - 大圍至紅磡段

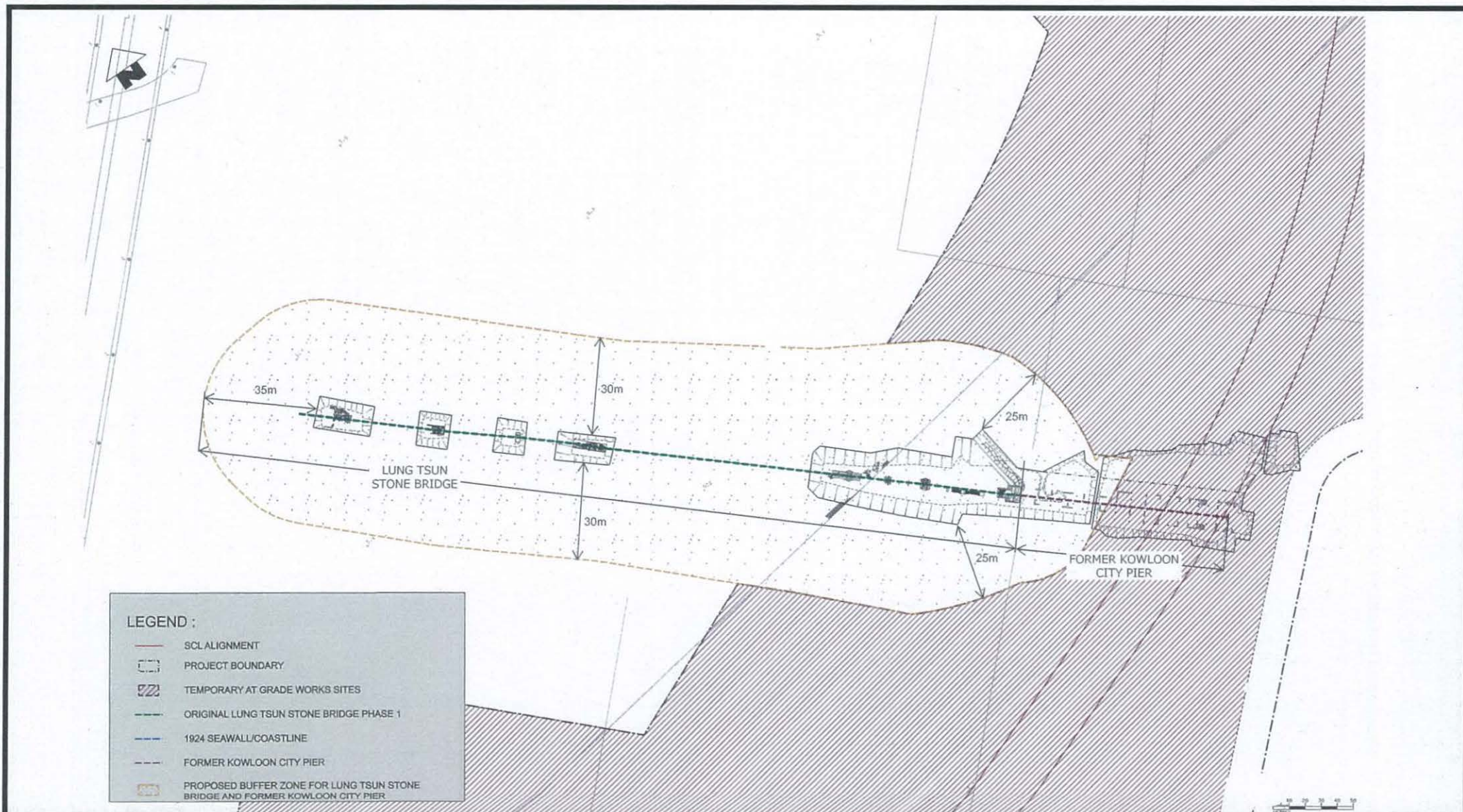
Environmental Permit No.: EP-438/2012/I
環境許可證編號：EP-438/2012/I

Figure 5
圖五

Locations of Works Areas (Off-Site) 工地外的工作區位置圖

[This figure was prepared based on the attachment of the Application No.: VEP-370/2012]
[本圖是根據申請編號 VEP-370/2012 的附件編制]





Project Title
工程名稱

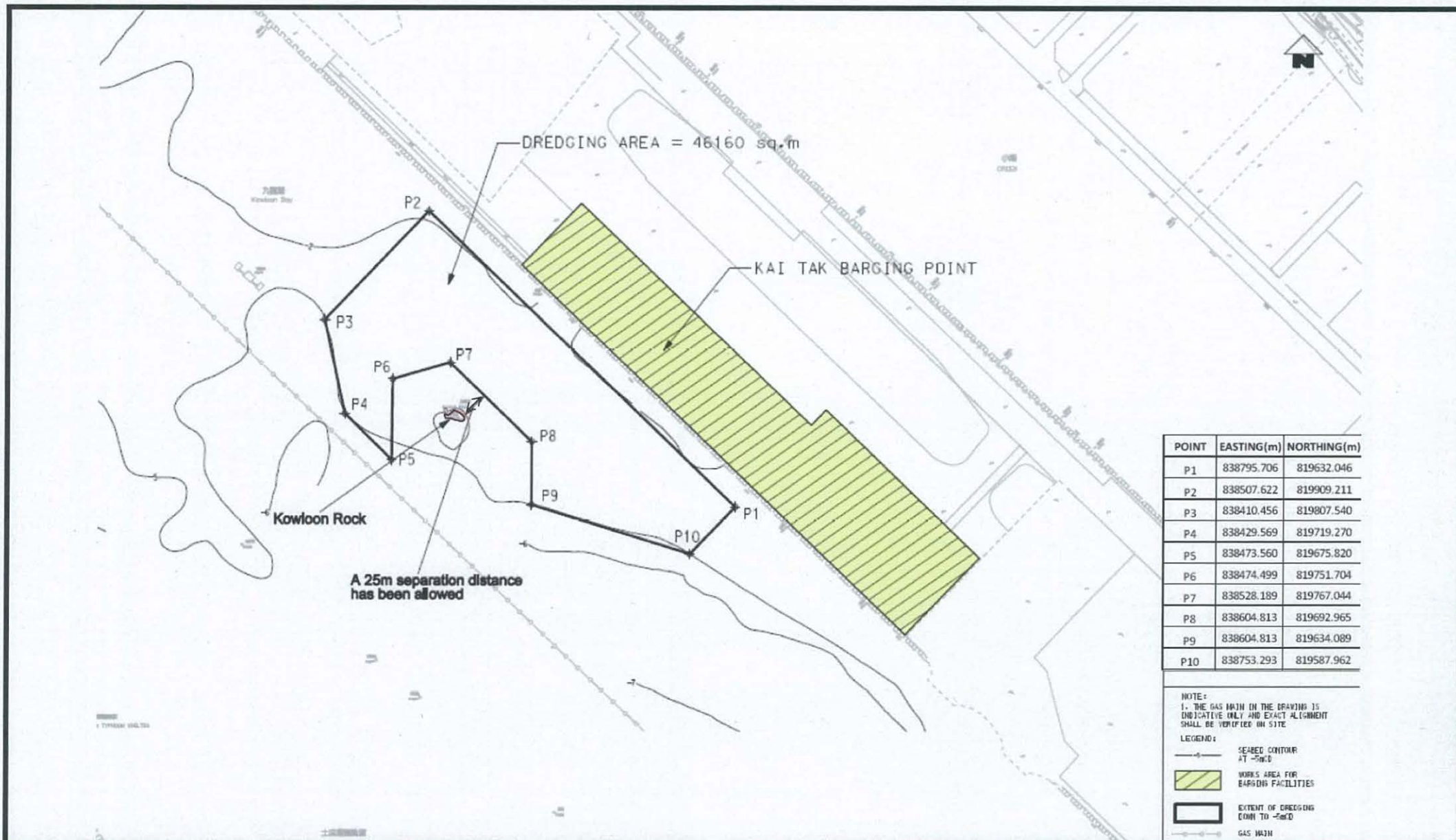
Shatin to Central Link (SCL) - Tai Wai to Hung Hom Section(TAW-HUH)
沙田至中環綫 - 大圍至紅磡段

Environmental Permit No.: EP-438/2012/I
環境許可證編號：EP-438/2012/I

Figure 6
圖六

Buffer Zone from the Boundary of Lung Tsun Stone Bridge 龍津石橋界線之緩衝區
[This figure was prepared based on the attachment of the Application No.: VEP-432/2014]
[本圖是根據申請編號 VEP-432/2014 的附件編制]





Project Title
工程名稱

Shatin to Central Link (SCL) - Tai Wai to Hung Hom Section
沙田至中環綫 - 大圍至紅磡段

Environmental Permit No.: EP-438/2012/I
環境許可證編號: EP-438/2012/I

Figure 7
圖七

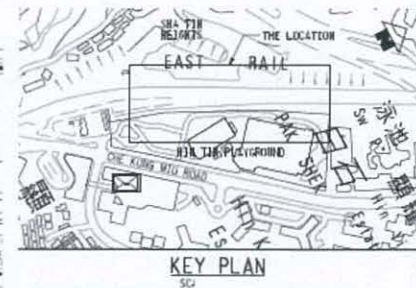
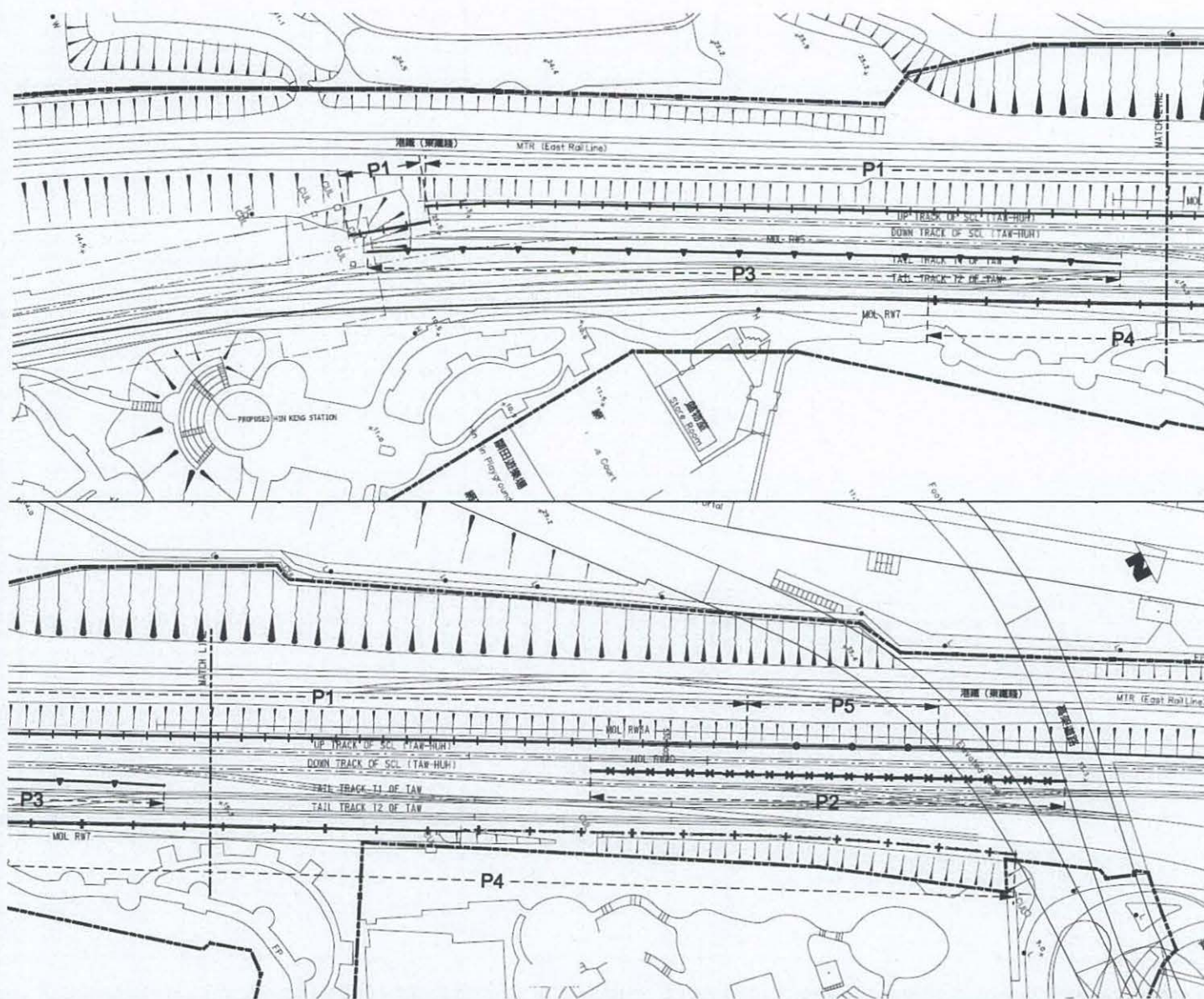
Extent of the Dredging Area in Kai Tak Runway Barging Point 啟德跑道躉船轉運站之挖泥區範圍
[This figure was prepared based on Figure 10.4 of the SCL(TAW-HUH) EIA Report (No.: AEIAR-167/2012)]
[本圖是根據沙田至中環綫-大圍至紅磡段環境影響評估報告(編號: AEIAR-167/2012)中圖 10.4 編制]





Project Title 工程名稱	Shatin to Central Link (SCL) - Tai Wai to Hung Hom Section 沙田至中環綫 - 大圍至紅磡段	Environmental Permit No.: EP-438/2012/I 環境許可證編號: EP-438/2012/I	
Figure 8 圖八	Location of Potentially Contaminated Site and Sampling Location 潛在受污染土地及取樣位置圖 [This figure was prepared based on Figure 4.1.2 of Appendix 12.1 of the SCL(TAW-HUH) EIA Report (No.: AEIAR-167/2012)] [本圖是根據沙田至中環綫-大圍至紅磡段環境影響評估報告(編號: AEIAR-167/2012) 附錄 12.1 中圖 4.1.2 編制]		





NOTES

1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE STATED.
2. COORDINATES ARE BASED ON THE HONG KONG METRIC GRID (1980).
3. LEVELS REFER TO PRINCIPAL DATUM (P.D.) UNLESS SHOWN OTHERWISE.
4. ALL LEVELS SHOWN ON DRAWINGS ARE SUBJECT TO CONFIRMATION ON SITE.
5. PROPOSED BARRIERS UNDER SCL (TAW - HUH) ARE NOT REQUIRED IF EXISTING RETAINING WALL ACHIEVES THE HEIGHT OF THE PROPOSED BARRIERS

LEGEND

- EXISTING TRACK ALIGNMENT
- - - PROPOSED TRACK ALIGNMENT
- PROPOSED GAZETTE BOUNDARY FOR RAILWAY DEVELOPMENT
- PROPOSED HIK STATION
- MOL RW7 — EXISTING RETAINING WALL MOL RW7
- MOL RW5 — EXISTING RETAINING WALL MOL RW5
- MOL RW2D — EXISTING RETAINING WALL MOL RW2D
- MOL RW3A — EXISTING RETAINING WALL MOL RW3A
- P1 — 2M HIGH NOISE BARRIER FROM UP TRACK LEVEL OF SCL (TAW-HUH)
- P2 — 2M HIGH NOISE BARRIER FROM UP TRACK LEVEL OF SCL (TAW - HUH)
- P3 — 3M HIGH NOISE BARRIER FROM DOWN TRACK LEVEL OF SCL (TAW - HUH)
- P4 — 7M HIGH NOISE BARRIER FROM TAIL TRACK T2 OF TAW
- P5 — 3M HIGH NOISE BARRIER FROM UP TRACK LEVEL OF SCL (TAW - HUH)

Project Title
工程名稱

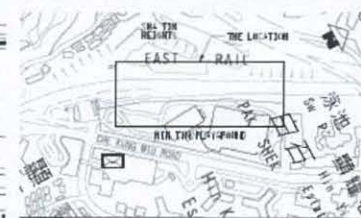
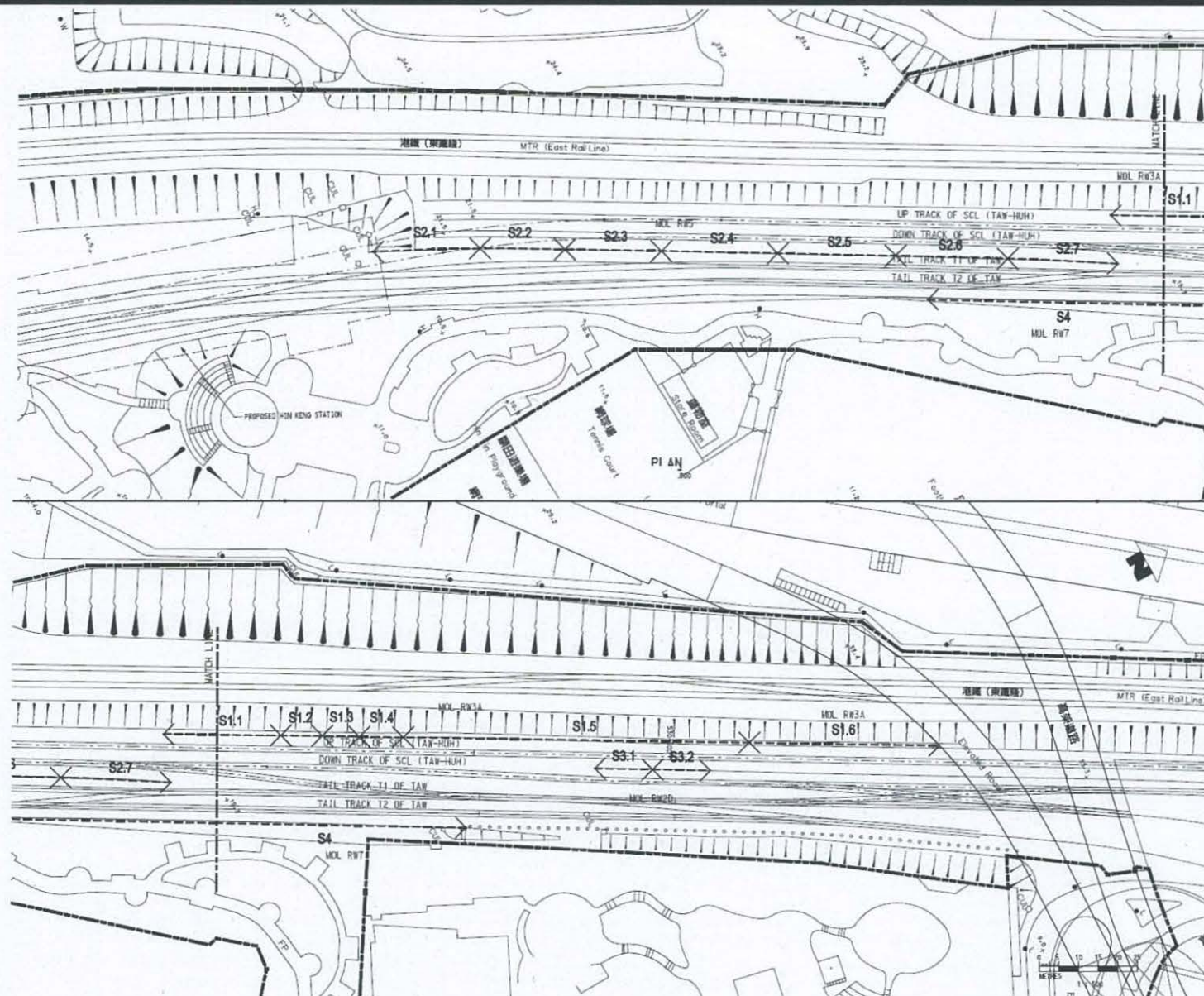
Shatin to Central Link (SCL) - Tai Wai to Hung Hom Section
沙田至中環綫 - 大圍至紅磡段

Environmental Permit No.: EP-438/2012/I
環境許可證編號: EP-438/2012/I

Figure 9a
圖九甲

Section between Tai Wai Station and Hin Keng Station – Location of Noise Barriers 在大圍站與顯徑站之間的隔音屏障位置圖
[This figure was prepared based on Figure 4.1 in the EP Application No.: AEP-438/2012] [本圖是根據環境許可證申請編號 AEP-438/2012 中圖 4.1 編制]





KEY PLAN

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE STATED.
2. COORDINATES ARE BASED ON THE HONG KONG METRIC GRID (1980).
3. LEVELS REFER TO PRINCIPAL DATUM (P.D.) UNLESS SHOWN OTHERWISE.
4. ALL LEVELS SHOWN ON DRAWINGS ARE SUBJECT TO CONFIRMATION ON SITE.
5. PROPOSED BARRIERS UNDER SCL (TAW - HUH) ARE NOT REQUIRED IF EXISTING RETAINING WALL ACHIEVES THE HEIGHT OF THE PROPOSED BARRIERS.

LEGEND

- EXISTING TRACK ALIGNMENT
- - - PROPOSED TRACK ALIGNMENT
- PROPOSED GAZETTE BOUNDARY FOR RAILWAY DEVELOPMENT
- - - PROPOSED HIK STATION
- - - REGION WHERE NUL EXISTING WALL & SCL PROPOSED BARRIER OVERLAP

Section ID	Approximate Height of Existing Retaining Wall (m)	Height of Proposed Noise Barrier on top of Retaining Wall (m)	Remarks
S1.1	1	1	Refer to P1
S1.2	2	0	
S1.3	3	0	
S1.4	4	0	
S1.5	5	0	Refer to P5
S1.6	4	0	
S2.1	1.5	1.5	Refer to P3
S2.2	1.5	1.5	
S2.3	1.5	1.5	
S2.4	1.5	1.5	
S2.5	1.5	1.5	
S2.6	1.5	1.5	
S2.7	1.5	1.5	
S3.1	2	0	Refer to P2
S3.2	3	0	
S4	1	6	Refer to P4



Project Title
工程名稱

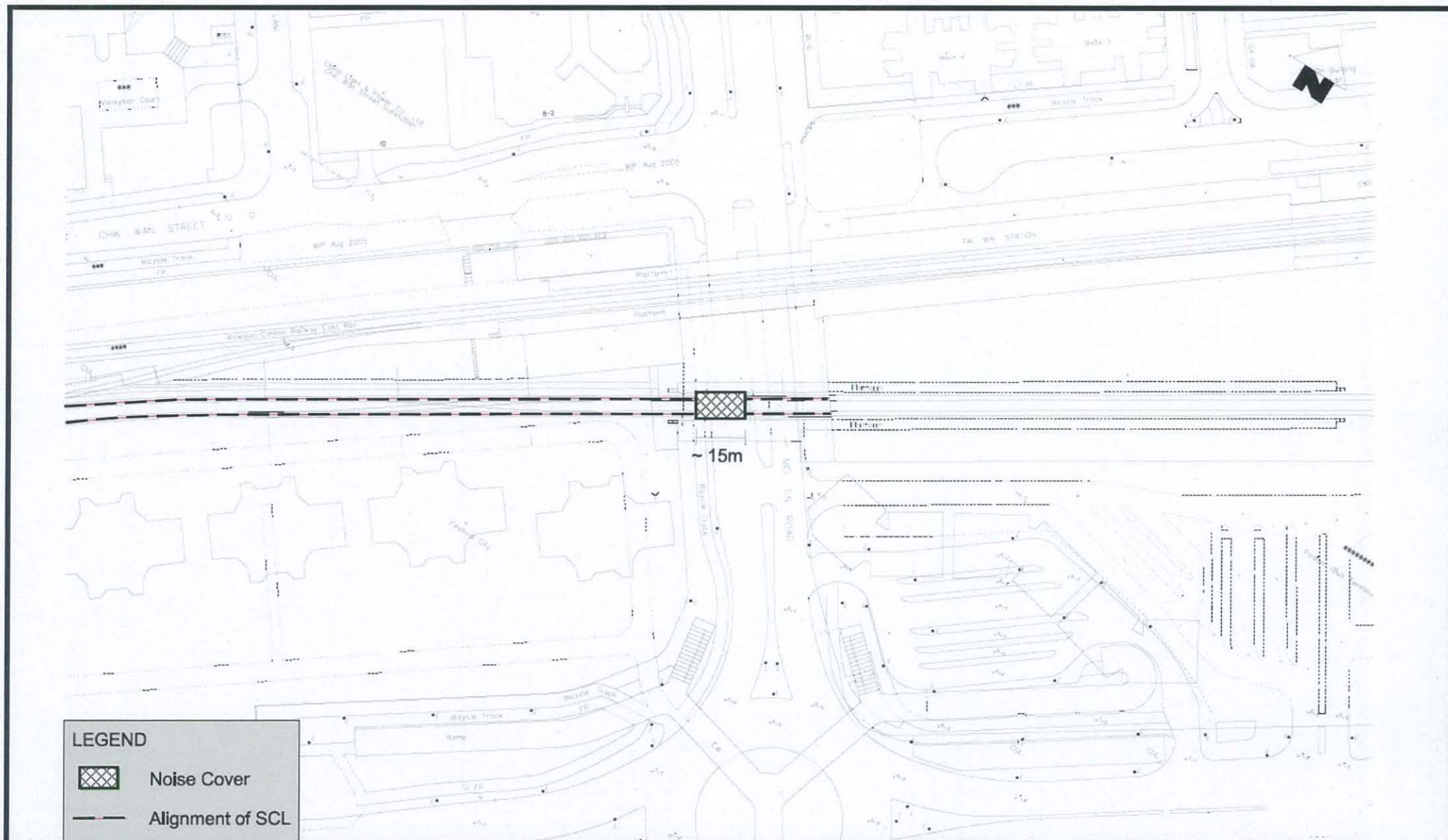
Shatin to Central Link (SCL) - Tai Wai to Hung Hom Section
沙田至中環綫 - 大圍至紅磡段

Environmental Permit No.: EP-438/2012/I
環境許可證編號: EP-438/2012/I

Figure 9b
圖九乙

Section between Tai Wai Station and Hin Keng Station - Location of Noise Barriers 在大圍站與顯徑站之間的隔音屏障位置圖
[This figure was prepared based on Drawing no.1102/P/HIK/SWL/C10/302 in Appendix 8.19 of the SCL(TAW-HUH) EIA Report (No.: AEIAR-167/2012)]
[本圖是根據沙田至中環綫-大圍至紅磡段環境影響評估報告(編號: AEIAR-167/2012) 附錄 8.19 的圖 1102/P/HIK/SWL/C10/302 編制]





Project Title
工程名稱

Shatin to Central Link (SCL) - Tai Wai to Hung Hom Section
沙田至中環綫 - 大圍至紅磡段

Environmental Permit No.: EP-438/2012/I
環境許可證編號: EP-438/2012/I

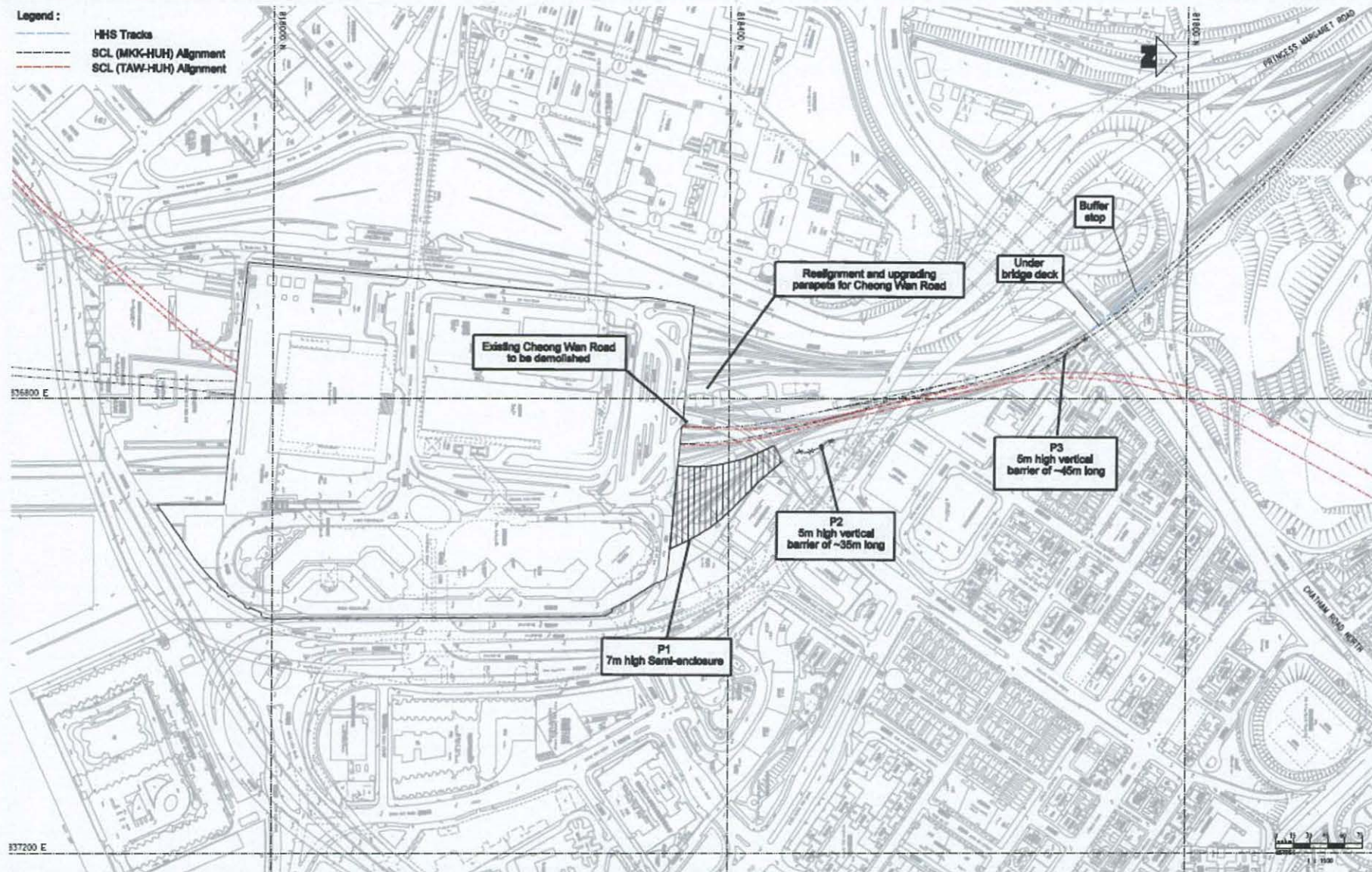
Figure 10
圖十

Location of Noise Cover near Mei Tin Road 近美田路之隔音蓋位置圖

[This figure was prepared based on Appendix 8.19 of the SCL(TAW-HUH) EIA Report (No.: AEIAR-167/2012)]

[本圖是根據沙田至中環綫-大圍至紅磡段環境影響評估報告(編號: AEIAR-167/2012) 附錄 8.19 編制]





Project Title
工程名稱

Shatin to Central Link (SCL) - Tai Wai to Hung Hom Section
沙田至中環綫 - 大圍至紅磡段

Environmental Permit No.: EP-438/2012/I
環境許可證編號: EP-438/2012/I

Figure 11
圖十一

Noise Mitigation Measures between Stabling Sidings at Hung Hom Freight Yard (HHS) and Chatham Road North
紅磡貨運站的列車停放處及漆咸道北之間的噪音緩解措施
[This figure was prepared based on the attachment of the Application No.: VEP-453/2014]
[本圖是根據申請編號 VEP-453/2014 的附件編制]

