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29/F, China Overseas Building, 139 Hennessy Road, Hong Kong. 電話Tel: (852)2823 7888 傳真Fax: (852)2527 6782

網址: http://www.csci.com.hk

Our ref:

CDD/GU18/L/ENV/ALL/003967

Date:

23 September 2014

By Hand

Environmental Protect ion Department Environmental Impact Assessment Office 27/F.,Southorn 130 Hennessy Road,

Attn: Mr. Billy Ma

Wan Chai, Hong Kong

Contract No. HY/2010/08 Central - Wan Chai Bypass - Tunnel (Slip Road 8 Section) Submission of Landscape Plan (Revision 04) under condition 2.24 of FEP-07/356/2009

Further to the letter with ref. (17) in EP2/H4/S3/15 Pt.32 dated 20 August 2014, we are pleased to submit the Landscape Plan (Revision 04) for your information and approval.

Enclosed please find the following documents for your kind perusal

- i) Certification letter of ET Leader,
- ii) Verification letter of IEC and
- iii) Landscape Plan (Rev 04) with 4 hard copies & 1 electronic copy (both pdf & html format respectively)

Thank you for your kind attention and please do not hesitate to contact our Environmental Officer -Mr. Chi Ming, WONG at 9717 7986 should you have any further queries.

Yours faithfully,

For and on behalf of

China State Construction Engineering (Hong Kong) Ltd.

Dr. Dave Chan

Site Agent

Encl.

c.c. PRE/CWB

- Attn: Mr. Peter Poon

ET/Lam

- Attn: Mr. Raymond Dai (cover only) Fax: 2882 3331

IEC/ Environ

- Attn: Mr. David Yeung (cover only) Fax: 3548 6988

Planning Department - Attn: Mr. WONG Tak Yip

By hand



Lam Geotechnics Limited

Ground Investigation & Instrumentation Professionals

3 d

Ref

: G1120/CS/L814/FEP-07/356/2009

Date

: 19 September 2014

China State Construction Engineering (Hong Kong) Ltd 29/F, China Overseas Building, 129 Hennessy Road Hong Kong

Attn: Site Agent, Dr. Dave Chan

Dear Dr. Chan,

Contract No. HY/2010/08 Central – WanChai Bypass Tunnel (Slip Road 8 Section)

Landscape Plan (Rev. 4)

Referring to the captioned submission dated 13 September 2014 received through email on 13 September 2014, we have reviewed your submitted details and hereby certified this submission in accordance with Condition 2.24 of FEP-07/356/2009.

Should you have any enquiry, please feel free to contact the undersigned at 2839 5666.

Yours faithfully.

Raymond Dai

Environmental Team Leader

C.C.

HyD

- Mr. Eddy Wu

(By Fax: 2714 5289)

CEDD AECOM - Mr. Jason Cheung

(By Fax: 2577 5040) (By Fax: 2587 1877)

ENVIRON

Mr. Frankie Fan
 Mr. David Yeung

(By Fax: 3548 6988)

11/F, Centre Point, 181-185 Gloucester Road, Wanchai, Hong Kong Tel: (852) 2882-3939 Fax: (852) 2882-3331 Website: www.lamgeo.com Email: info@lamgeo.com









Ref.: AACWBIECEM00 0 5706La.14

22 September 2014

China State Construction Engineering (Hong Kong) Ltd 29/F, China Overseas Building, 139 Hennessy Road Hong Kong

By Post

Attention: Dr. Dave Chan

Dear Sir.

Re: FEP-07/356/2009/B

Contract No. HY/2010/08

Central -Wan Chai Bypass Tunnel (Slip Road 8 Section)

Landscape Plan (Revision 4)

Reference is made to your submission of the Landscape Plan (Revision 4) dated 13 September 2014 to us through E-mail on 13 September 2014 for our review and comment.

Please be informed that we have no adverse comment on the captioned submission. We write to verify the captioned submission in accordance with Condition 2.24 of FEP-07/356/2009/B.

Please feel free to contact the undersigned should you have any queries.

Yours sincerely,

David Yeung

Independent Environmental Checker

c.c.

HyD

Mr. Eddy Wu

by fax: 2714 5289

CEDD

Mr. Jason Cheung

by fax: 2577 5040

AECOM

Mr. Denis Norton (CRE)

by fax: 3912 3010

AECOM

Mr. Conrad Ng

by fax: 2691 2649

LAM

Mr. Raymond Dai (ETL)

by fax: 2882 3331

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Central – Wan Chai Bypass, Tunnel (Slip Road 8 Section)

Contractor's response to Environmental Protection Department & Planning Departments' Comments

Item	Planning Department	CSHK response
1	Permanent location of the transplanted tree (T690) should be	Future permanent location of transplanted tree (tree No. T690)
	indicated in the submission.	was attached in App. E and revised the text.



Central – Wan Chai Bypass Tunnel (Slip Road Section 8) Contract No. HY/2010/08

Landscape Plan under condition 2.24 of FEP- 07/356/2009

Revision: 4

September 2014

Prepared by: Environmental Officer	C. M Wong	Date: 13 September 2014
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This document contains confidential information of China State Construction Engineering (Hong Kong) Limited and shall not be copied or amended without the approval of the Contractor's Representative

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No. FEP-07/356/2009	
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Site layout plan

Appendix B

Location Plan of Visual Sensitive Receivers (VSRs)

Appendix C

Site Hoarding and its graphics

Appendix D

Photos of the transplanted tree (Tree no. T690)

Appendix E

Permanent Transplanted Location (Tree no. T690)

1.0 Introduction

The purpose of this plan is to demonstrate design details, locations, implementation programme, maintenance and management schedules in accordance with contract requirement, Condition 2.24 of Environmental Permit No. EP-356/2009 and Condition 2.24 of Further Environmental Permit No. FEP-07/356/2009

$2.0~{ m Scope}$ of Works under Further Environmental Permit No. FEP-07/356/2009

The scope of works mainly includes:

- Temporary reclamation works of around 3 ha in size including associated dredging works at CBTS; and
- Removal of the temporary reclamation after the construction of the Trunk Road; and reinstatement of CBTS

Existing tree (Tree no. T690) which adjacent to the proposed hoarding near the pedestrian footbridge transplanted prior commencement of hoarding works. Tree was being transplanted into off—site nursery compound. Further details of transplanted tree and tree progress report shall be referred to Landscape plan under FEP-10/364/2009/B. Photos of the transplanted tree (Tree no. T690), please refers to **Appendix D** and the permanent transplanted location of the tree (Tree no. T690), please refers to **Appendix E**.

3.0 Landscape Mitigation Measures

The proposed landscape mitigation measure during construction phase for HY/2010/08, but not limited to, is listed as below (reference is taken from Table 10.5 of EIA Report:

ID No.	Landscape and Visual Mitigation Measures	
CM 1	Topsoil, where identified, should be stripped and stored for re-use in the construction of the soft landscape works, where practical.	
CM 2	Existing trees to be retained on site should be carefully protected during construction.	
CM 3	Trees unavoidable affected by the works should be transplanted where practical	
CM 4	Compensatory tree planting should be provided to compensate for felled trees.	
CM 5	Control of night-time lighting	
CM 6	Erection of decorative screen hoarding compatible with the surrounding setting.	

The proposed landscape mitigation measures focus to the marine based works area during construction phase for HY/2010/08, but not limited to, is listed as below:

a. Control of night-time lighting

Appendix A shows the site layout of abovementioned Contract and this project commenced on Mar 2013 and the anticipated completion date would be mid of 2017.

b. Erection of site hoarding

Location of hoarding interface with pedestrian walkway of Victoria Park Road, please refers to **Appendix C**.

4.0 Identified Visual Sensitive Receivers (VSRs)

The following visual sensitive receivers (VSRs) are likely to be affected during the construction phase of this project:

- C/R7 (Miami Mansion);
- C/R8 (Marco Polo Mansion);
- C/R9 (Victoria Park Mansion);
- C/R10 (Chesterfield Mansion);
- C/R11 (Greenfield Mansion);
- C/R12 (Properties fronting Causeway Road);
- C/R13 (Park Towers);
- C/R14 (Viking Garden);
- C/R15 (50 -52 Hing Fat Street);
- C/R16 (Mayson Garden Building):
- C/R17 (Garden House);
- C/R18 (Belle House);
- C33 (The Park Lane Hotel);
- C34 (Windsor House);
- C35 (19 31 Yee Wo Street);
- C36 (Citicorp Centre);
- C37 (Victoria Centre);
- G/C 8 (Queen's College);
- G/C 9 (Hing Fat Street Post Office);

08 (Victoria Park) and

• R1 (Residential Properties fronting Tung Lo Wan Road Harbour Heights).

The above VSRs are shown in Appendix B.

5.0 Sources of Night-time Lighting Impacts

Sources of night-time lighting impacts during construction phase would include:

- · Site investigations;
- · Dredging and reclamation works:
- · Construction of seawalls;
- Temporary Traffic Attenuation (TTA);
- Wind-solar powered pole lighting or other lighting devices at the entrance of site and site sub-offices;
- Signal sensor light from yellow marker buoys used to indicate the marine based site area extending from the working vessels; and
- · Signal sensor / flashing lights which are laid to mark the extent of the silt curtain.

6.0 Control of Night-time Lighting

Control Measures

- a. In terms of planning prior works, any night-time works would be planned and adopted to minimize the use of unnatural lighting;
- b. The need of using lighting devices would be carefully assessed based on work task to minimize usage;
- c. Where lighting devices are needed to be operated, the devices would be aimed away from the visual sensitive receivers (VSRs) where necessary.
- d. For all floodlights mounted on the grab dredger, open-bottom barges, tug boats and plant on site would be oriented to open sea and barge where possible.
- e. Signal sensor light would be attached on buoys and silt curtain only for the purpose of ensuring safe navigation.
- f. Wind-solar powered lighting pole, lighting devices of site office, sub-office lighting will be oriented away from VSRs.

7.0 On Site Supervision of Night-time Lighting

The lighting impact will be monitored and assessed by designated person during night-time construction work. Upon any public concerns or complaints, the lights will be repositioned or shielded where necessary.

8.0 Implementation Programme, Maintenance and Management Schedule Implementation Programme

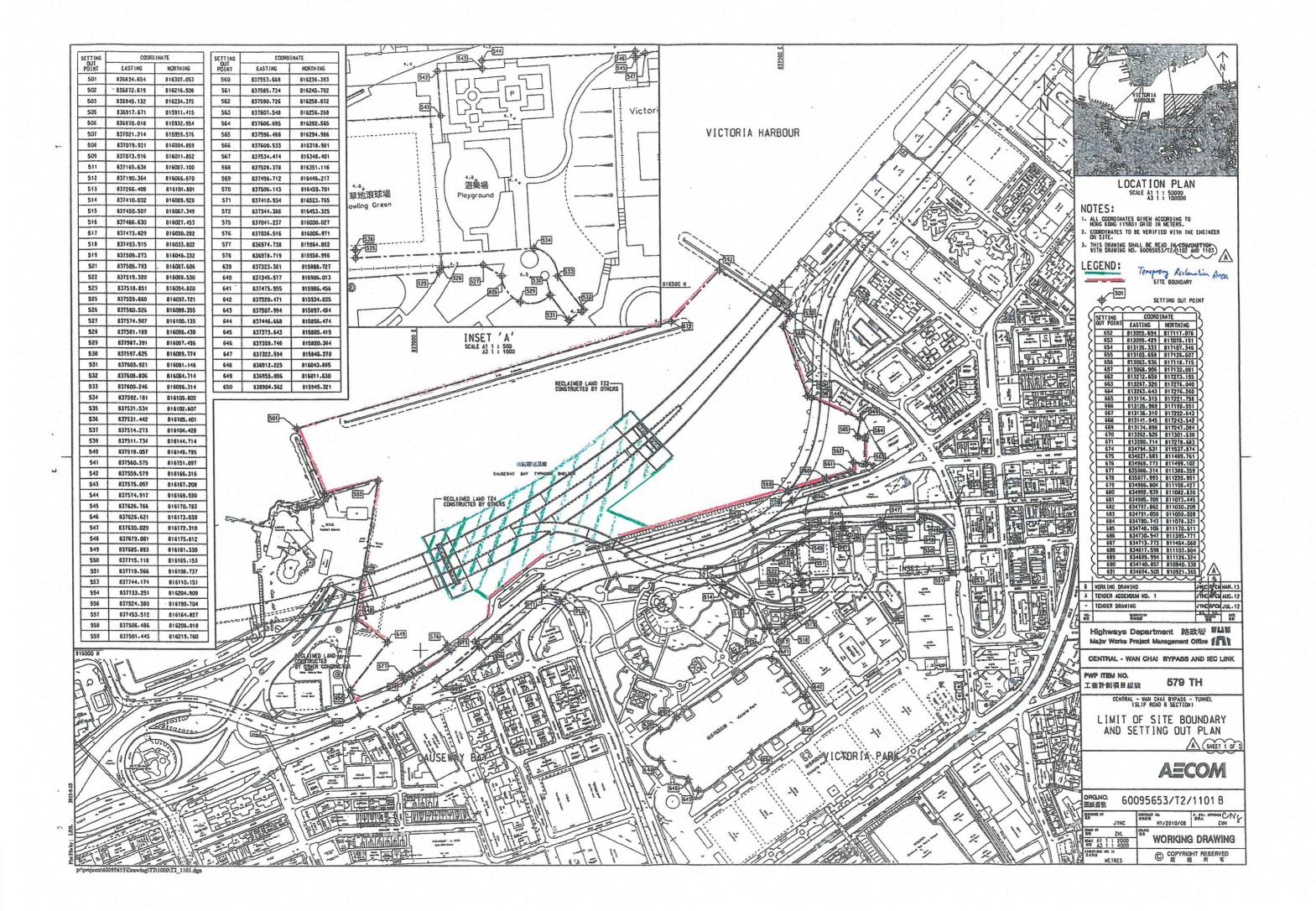
Mitigation Measures	Location / Period
Control of night time lighting	Entire works area and construction phase involving
	marine works
	Tentative schedule:
	(fourth quarter 2013 to first quarter 2017)
Erection of site hoarding	Location of hoarding interface with pedestrian
	walkway of Victoria Park Road
	Tentative schedule:
	(first quarter 2014 to first quarter 2017)

Maintenance and Management Schedule

Maintenance and Management Schedule	
Floodlights shall be checked to ensure that they are controlled to re-positi	on, divert from
sensitive receivers where practical.	

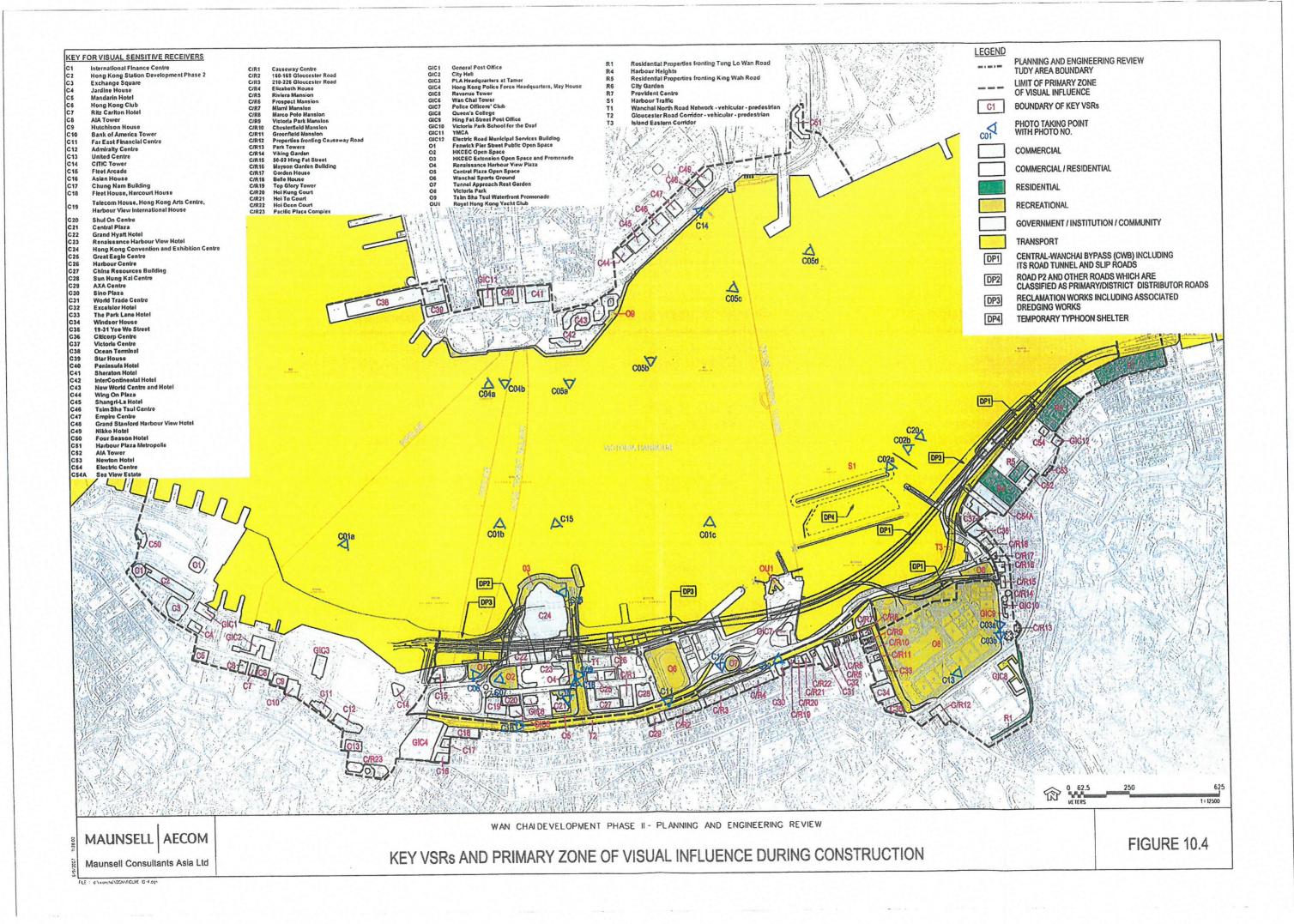


Appendix A Site Layout Plan



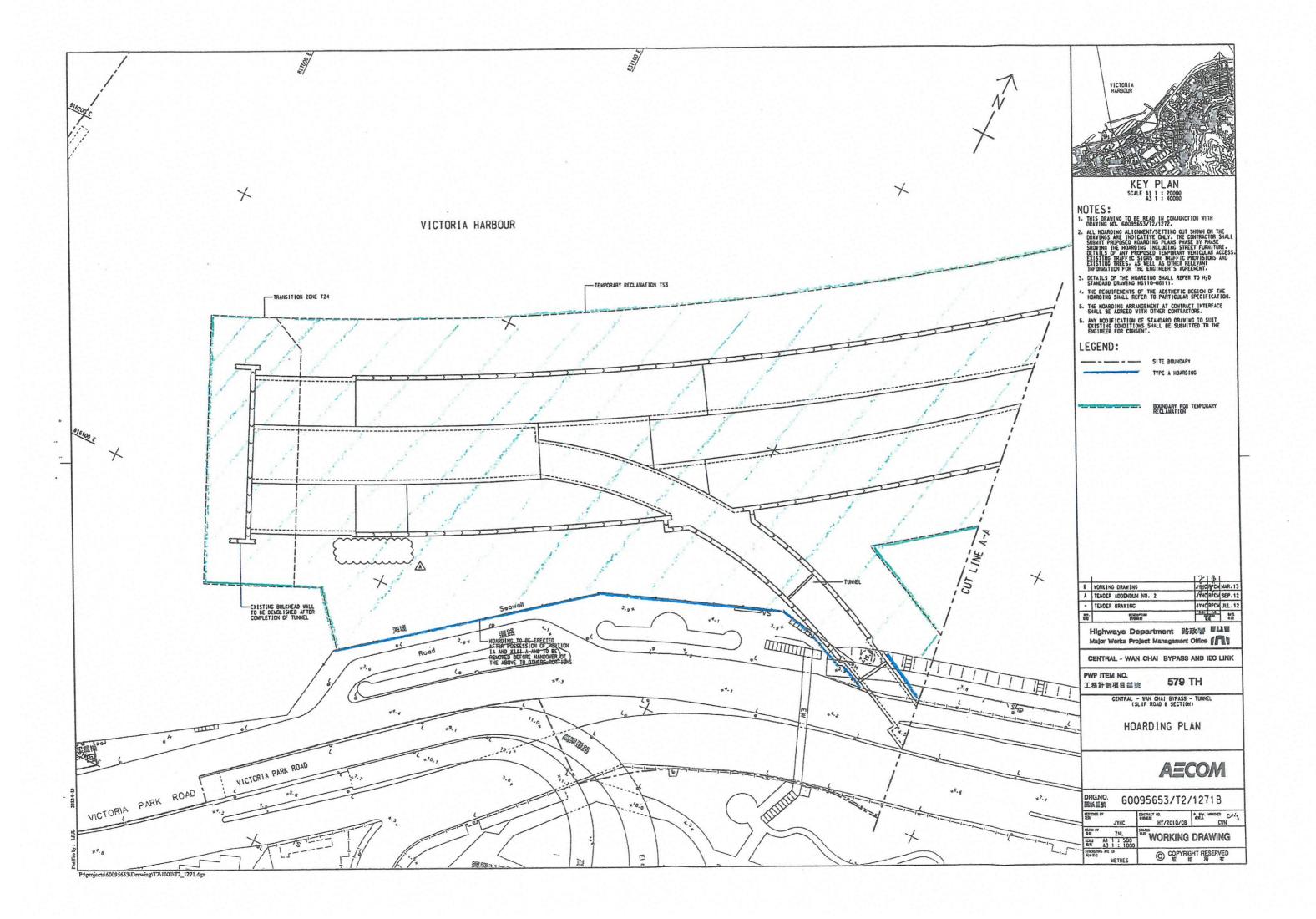


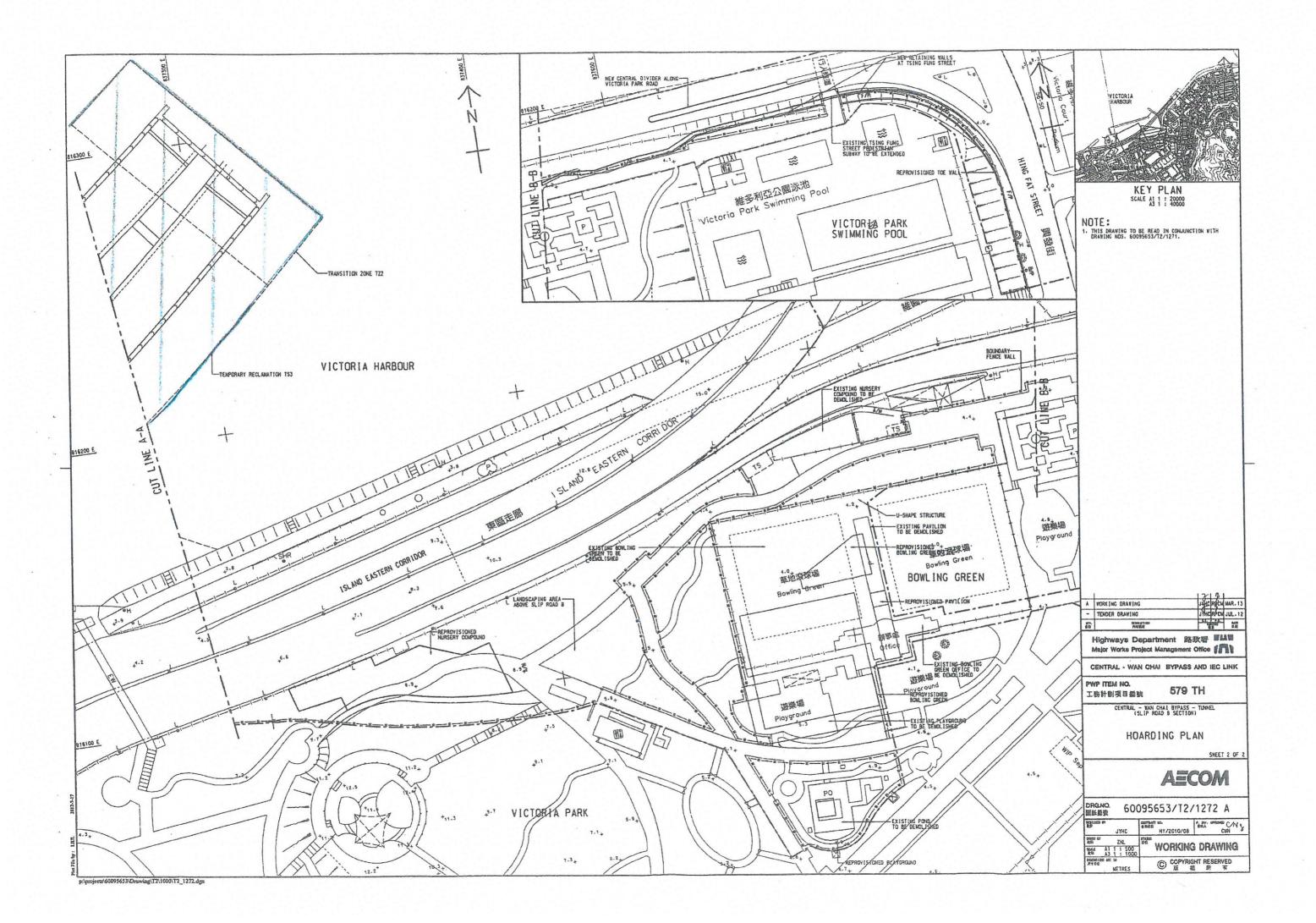
Appendix B Location Plan of Visual Sensitive Receivers (VSRs)

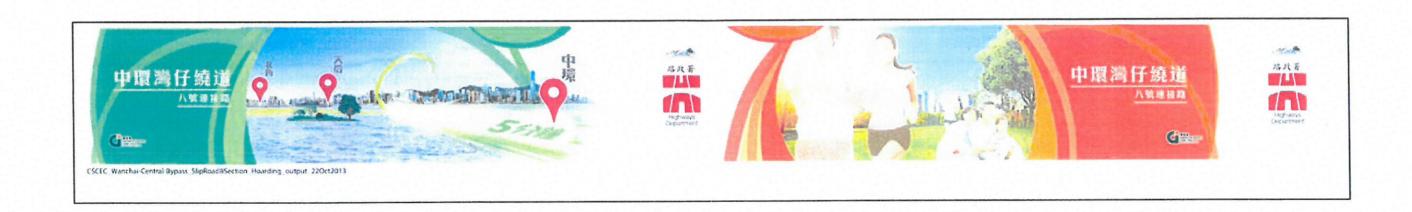




Appendix C Site Hoarding & its graphics









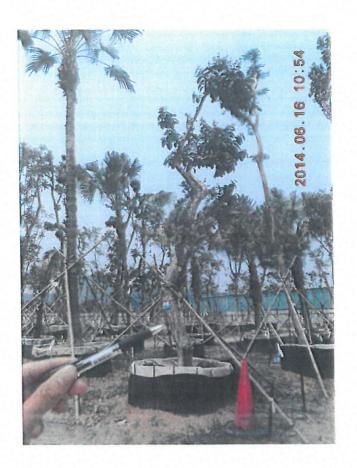








Appendix D Photos of the transplanted tree (Tree no. T690)







Appendix E Permanent Transplanted Location (Tree no. T690)

