



中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

**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

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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 Envirorunal Permit No. EP-356/2009 and Condition 2.24 of Further Environmental Permit No. FEP-07/356/2009

2.0 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);*
- O8 (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

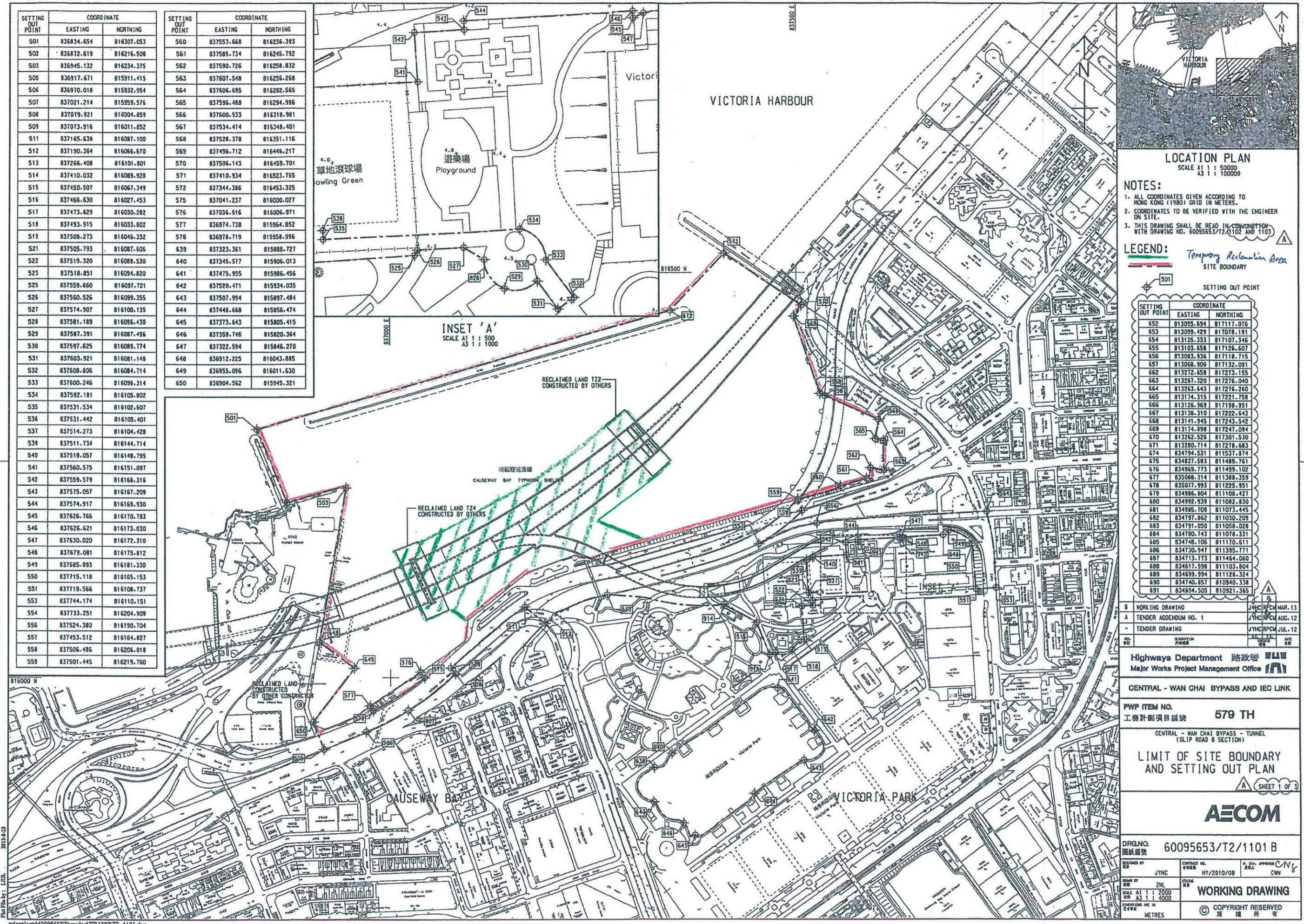
Mitigation Measures	Location / Period
Control of night time lighting	Entire works area and construction phase involving marine works Tentative schedule: (fourth quarter 2013 to first quarter 2017)
Erection of site hoarding	Location of hoarding interface with pedestrian walkway of Victoria Park Road Tentative 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-position, divert from sensitive receivers where practical.

Appendix A

Site Layout Plan



Appendix B

Location Plan of Visual Sensitive Receivers (VSRs)

KEY FOR VISUAL SENSITIVE RECEIVERS

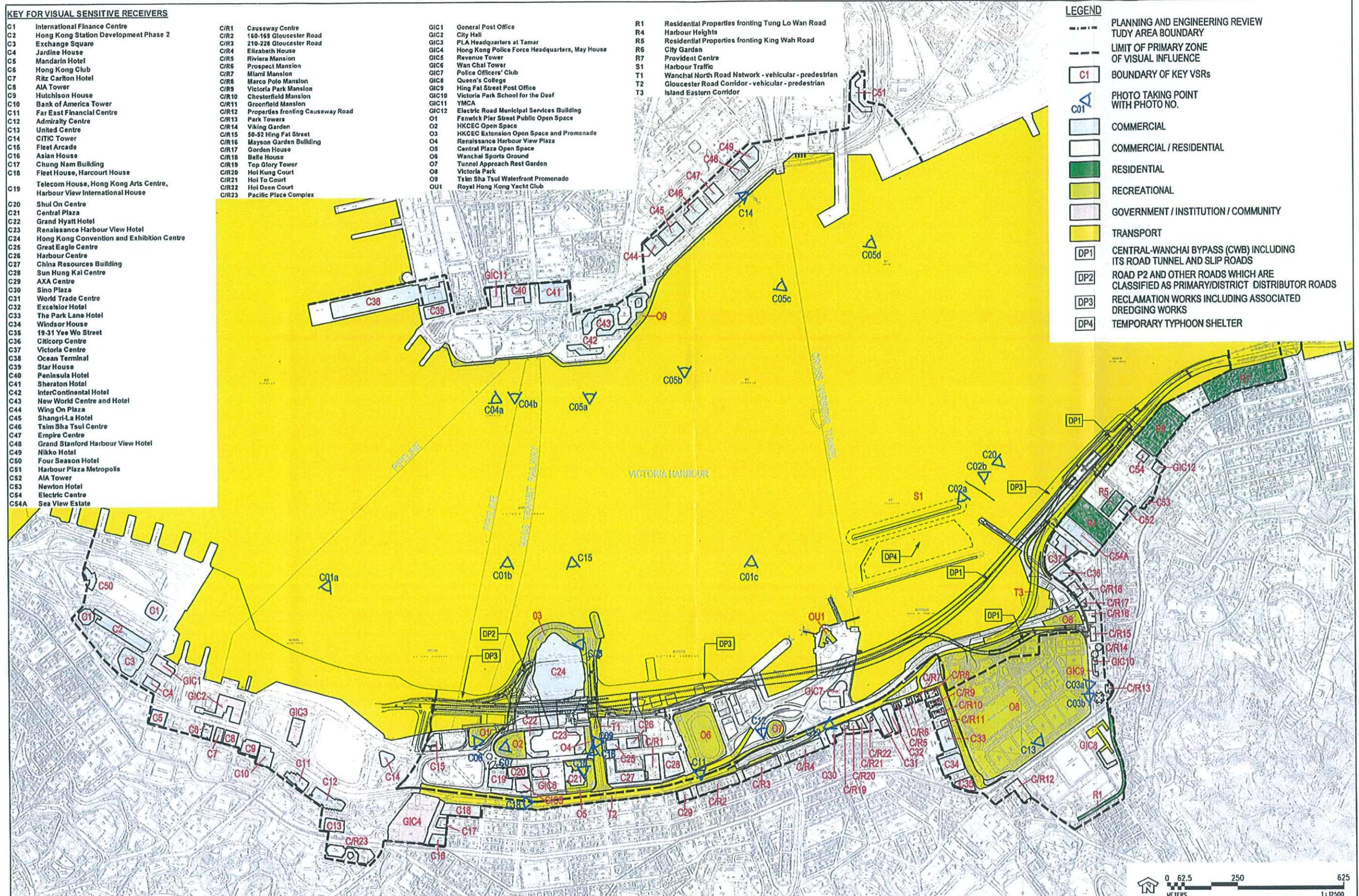
C1	International Finance Centre
C2	Hong Kong Station Development Phase 2
C3	Exchange Square
C4	Jardine House
C5	Mandarin Hotel
C6	Hong Kong Club
C7	Ritz Carlton Hotel
C8	AIA Tower
C9	Hutchison House
C10	Bank of America Tower
C11	Far East Financial Centre
C12	Admiralty Centre
C13	United Centre
C14	CITIC Tower
C15	Fleet Arcade
C16	Asian House
C17	Chung Nam Building
C18	Fleet House, Harcourt House
C19	Telecom House, Hong Kong Arts Centre, Harbour View International House
C20	Shui On Centre
C21	Central Plaza
C22	Grand Hyatt Hotel
C23	Renaissance Harbour View Hotel
C24	Hong Kong Convention and Exhibition Centre
C25	Great Eagle Centre
C26	Harbour Centre
C27	China Resources Building
C28	Sun Hung Kai Centre
C29	AXA Centre
C30	Sino Plaza
C31	World Trade Centre
C32	Excelsior Hotel
C33	The Park Lane Hotel
C34	Windsor House
C35	19-31 Yee Wo Street
C36	Citicorp Centre
C37	Victoria Centre
C38	Ocean Terminal
C39	Star House
C40	Peninsula Hotel
C41	Sheraton Hotel
C42	InterContinental Hotel
C43	New World Centre and Hotel
C44	Wing On Plaza
C45	Shangri-La Hotel
C46	Tsim Sha Tsui Centre
C47	Empire Centre
C48	Grand Stanford Harbour View Hotel
C49	Nikko Hotel
C50	Four Season Hotel
C51	Harbour Plaza Metropolis
C52	AIA Tower
C53	Newton Hotel
C54	Newton Centre
C54A	Sea View Estate

GIC1	General Post Office
GIC2	City Hall
GIC3	PLA Headquarters at Tamar
GIC4	Hong Kong Police Force Headquarters, May House
GIC5	Revenue Tower
GIC6	Wan Chai Tower
GIC7	Police Officers' Club
GIC8	Queen's College
GIC9	Hing Fat Street Post Office
GIC10	Victoria Park School for the Deaf
GIC11	YMCA
GIC12	Electric Road Municipal Services Building
C/R1	Properties fronting Causeway Road
C/R2	160-168 Gloucester Road
C/R3	210-226 Gloucester Road
C/R4	Elizabeth House
C/R5	Riviera Mansion
C/R6	Prospect Mansion
C/R7	Marlborough 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	Gordon House
C/R18	Belle House
C/R19	Top Glory Tower
C/R20	Hoi Lung Court
C/R21	Hoi To Court
C/R22	Hoi Deen Court
C/R23	Pacific Place Complex

R1	Residential Properties fronting Tung Lo Wan Road
R4	Harbour Heights
R5	Residential Properties fronting King Wah Road
R6	City Garden
R7	Provident Centre
S1	Harbour Traffic
T1	Wanchai North Road Network - vehicular - pedestrian
T2	Gloucester Road Corridor - vehicular - pedestrian
T3	Island Eastern Corridor

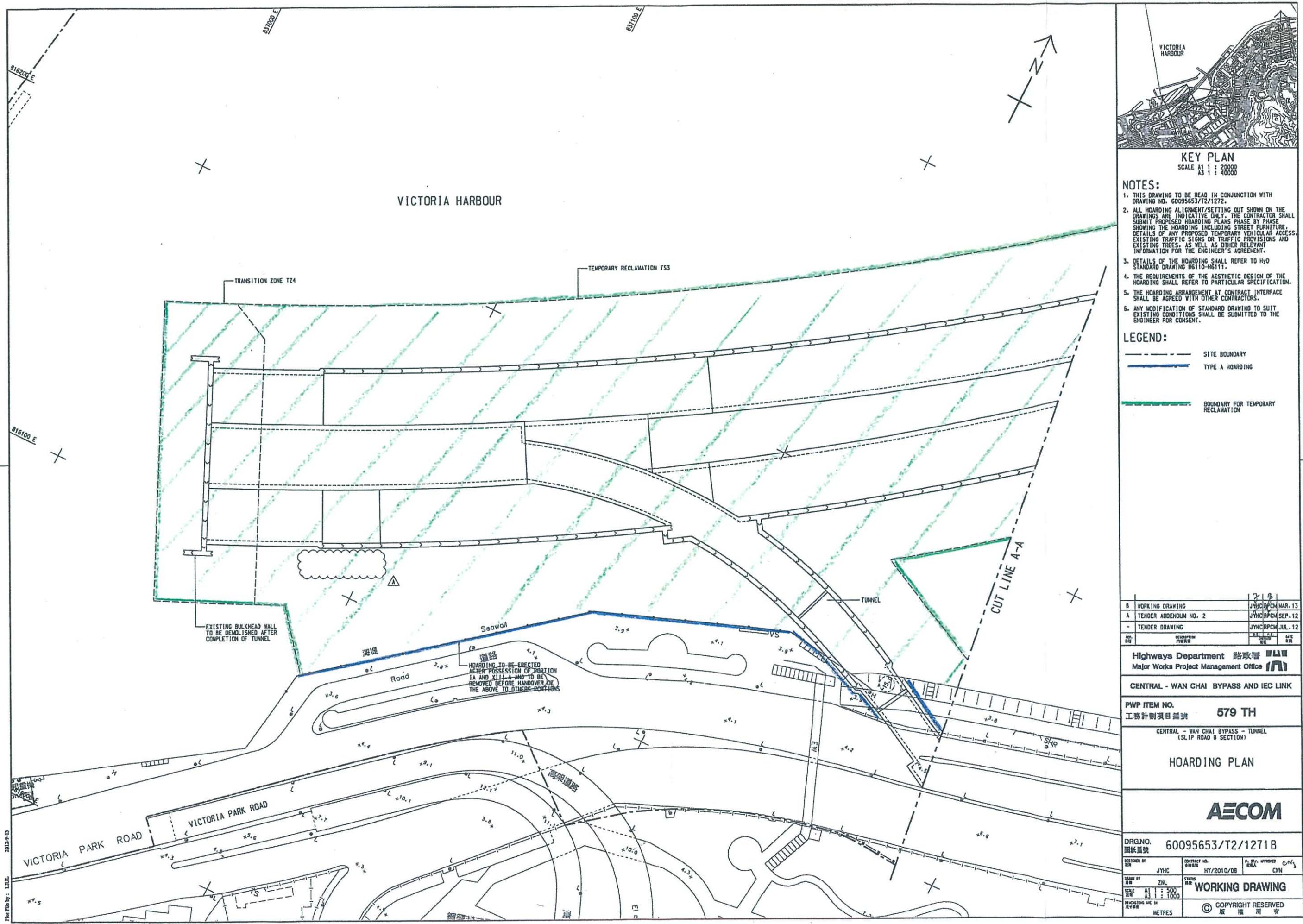
LEGEND

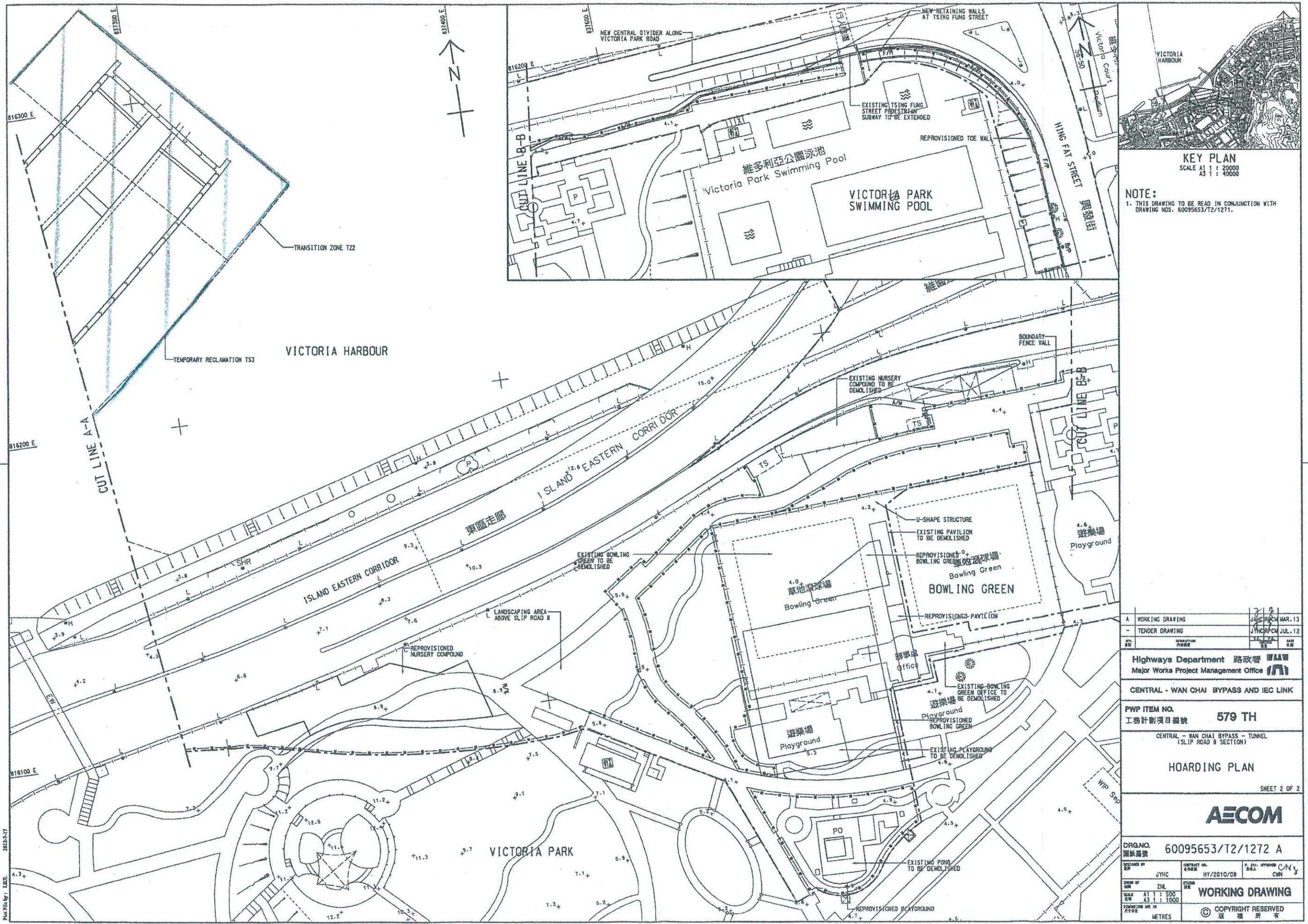
	PLANNING AND ENGINEERING REVIEW STUDY AREA BOUNDARY
	LIMIT OF PRIMARY ZONE OF VISUAL INFLUENCE
	BOUNDARY OF KEY VSRs
	C1 PHOTO TAKING POINT WITH PHOTO NO.
	C01 COMMERCIAL
	C01 COMMERCIAL / RESIDENTIAL
	RESIDENTIAL
	RECREATIONAL
	GOVERNMENT / INSTITUTION / COMMUNITY
	TRANSPORT
	DP1 CENTRAL-WANCHAI BYPASS (CWB) INCLUDING ITS ROAD TUNNEL AND SLIP ROADS
	DP2 ROAD P2 AND OTHER ROADS WHICH ARE CLASSIFIED AS PRIMARY/DISTRICT DISTRIBUTOR ROADS
	DP3 RECLAMATION WORKS INCLUDING ASSOCIATED DREDGING WORKS
	DP4 TEMPORARY TYPHOON SHELTER

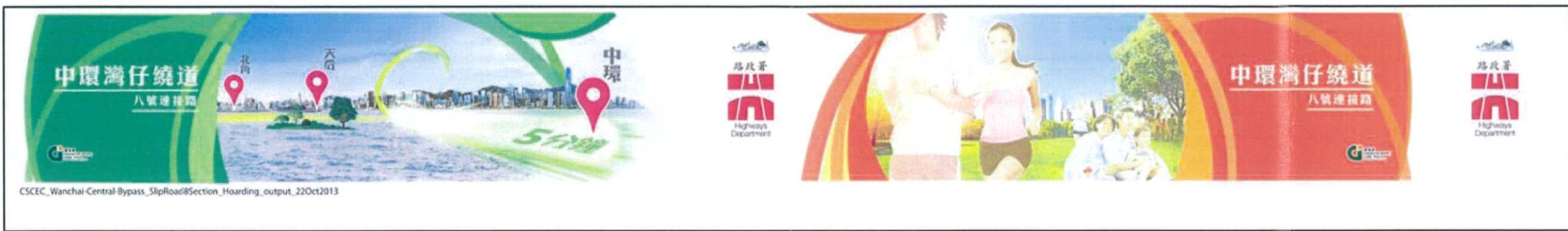


Appendix C

Site Hoarding & its graphics



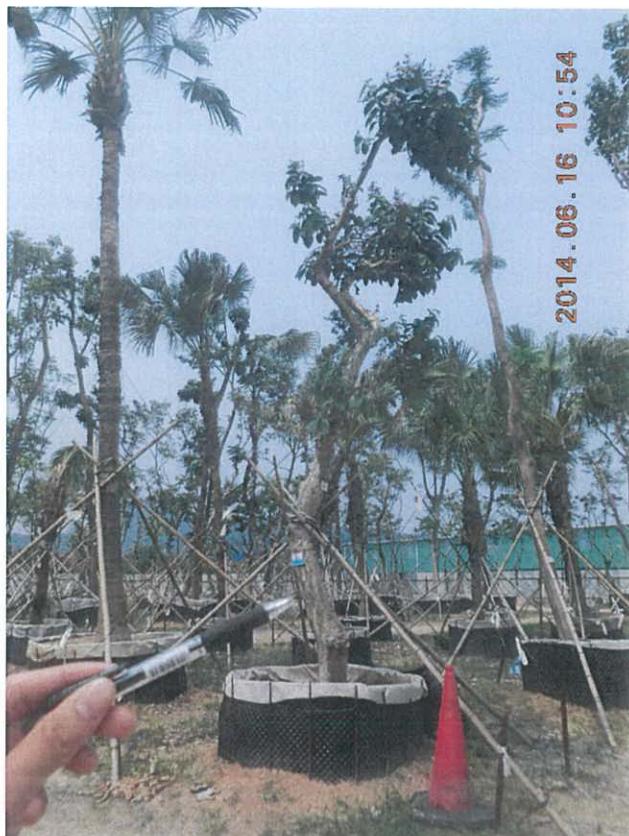






Appendix D

Photos of the transplanted tree (Tree no. T690)



Appendix E

Permanent Transplanted Location

(Tree no. T690)

