

20 November 2020

By Post and Fax (2566 2192)

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

Attention: Mr. Danny Chan

Dear Sir,

**Re: Contract No. HY/2010/08
Central – Wan Chai Bypass – Tunnel (Slip Road 8 Section)
Landscape Plan (Rev. 5)**

Reference is made to your submission of the Landscape Plan (Revision 5) dated 30 October 2020 received through email on 19 November 2020 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 2.14 of FEP-10/364/2009/B.

Thank you for your kind attention.

Yours faithfully,



David Yeung
Independent Environmental Checker

c.c.	HyD	Mr. Enoch Wong	by fax: 2714 5289
	AECOM	Mr. David Kwan	by fax: 3912 3010
	Lam	Mr. Raymond Dai	by fax: 2882 3331



Lam Geotechnics Limited

Ground Investigation & Instrumentation Professionals

華益
土力
有限
公司

Ref : G1938/CS/L217/CSHK

Date : 20 November 2020

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

By Post & Fax: 2566 2192

Attn: Mr. Danny Chan

Dear Mr. Chan,

Contract No. HY/2019/18
Wanchai Development Phase II and Central-Wanchai Bypass
Sampling, Field Measurement and Testing Works (Stage 4)

Landscape Plan (Revision 5) under FEP-10/364/2009/B for Contract No. HY/2010/08

Referring to the captioned submission dated on 19 November 2020 received through email on 19 November 2020, we have reviewed your submitted details and hereby certify the submission in accordance with condition 2.14 of FEP- 10/364/2009/B.

Yours faithfully,
For and On Behalf of Lam Geotechnics Limited

Raymond Dai
Environmental Team Leader

c.c. AECOM CWB
Ramboll

- Mr. David Kwan
- Mr. David Yeung

By fax: 3912-3010
By fax: 3465-2899





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 2.14 of FEP- 10/364/2009/B

Revision: 5

October 2020

Prepared by: Senior Environmental Officer	Gabriel Wong	Date: 30 October 2020
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EIA Ref	Environmental Protection Measures / Mitigation Measures	Objective of Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages				Relevant Legislation and Guidelines	Implementation Status	Cross - Reference to Landscape Plan
					Des	C	O	Dec			
Construction Phase											
For the Whole Project											
Table 10.5	CM1 Topsoil, where identified, shall be stripped and stored for re-use in the construction of the soft landscape works, where practical	To reduce disposal and encourage reuse	Work site / During Construction Phase	Contractor	✓	✓			EIAO TM	Will be implemented if identified	Section 2.1
Table 10.5	CM2 Existing trees to be retained on site shall be carefully protected during construction	Tree protection	See Drawing No. CDD SR08 1961C in Appendix B / During Construction Phase	Contractor	✓	✓			EIAO TM	Implemented	Section 2.2
Table 10.5	CM3 Tree unavoidably affected by the works shall be transplanted where practical	To preserve existing trees	See Drawing No. CDD SR08 1961C in Appendix B / During Construction Phase	Contractor	✓	✓			EIAO TM	Implemented	Section 2.2
Table 10.5	CM4 Compensatory tree planting shall be provided to compensated for felled trees	For tree preservation	See Drawing No. CDD SR08 1961C in Appendix A1 / During Construction Phase	Contractor	✓	✓			EIAO TM	Implemented	Section 2.2

Table 10.5	CM5 Control of night-time lighting	Reduce light pollution	Work site / During Construction Phase	Contractor		✓			EIAO TM	Implemented	Section 2.3
Table 10.5	CM6 Erection of decorative screen hoarding compatible with the surrounding setting	Landscape and reduce visual pollution	See Drawing No. CDD SR8 521 in Appendix D / During Construction Phase	Contractor		✓			EIAO TM	Implemented	Section 2.4
Operation Phase											
Table 10.6	OM1 Aesthetic design of buildings and road-related structures, including viaducts, vent buildings, subways, footbridges and noise barriers and enclosures	Visual enhancement	During Operation Phase	HyD			✓		EIAO TM	Implemented	Section 3
Table 10.6	OM2 Shrub and Climbing Plants to soften proposed structures	Visual enhancement	See Drawing No. 60095653/T2/SK0771 in Appendix E / During Construction Phase	HyD			✓		EIAO TM	Implemented	Section 3
Table 10.6	OM3 Buffer Tree and Shrub Planting to screen proposed roads and associated structures	Reduce visual and noise pollution	See Drawing No. 60095653/T2/SK0771 in Appendix E / During Construction Phase	HyD			✓		EIAO TM	Implemented	Section 3

Table 10.6	OM4 Aesthetic design of proposed waterfront promenade	Visual enhancement	During Operation Phase	CEDD			✓		EIAO TM	Not applicable under this Contract	Section 3
Table 10.6	OM5 Aesthetic streetscape design	Visual enhancement	During Operation Phase	HyD			✓		EIAO TM	Not applicable under this Contract	Section 3
Table 10.6	OM6 Aesthetic design of roadside amenity areas	Visual enhancement	During Operation Phase	HyD			✓		EIAO TM	Implemented	Section 3



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1 INTRODUCTION

1.1 PROJECT DESCRIPTION

“Wan Chai Development phase II and Central-Wan Chai Bypass” and “Central-Wan Chai Bypass and Island Eastern Corridor Link” (hereafter called “the Project”) are Designed Project (DP) under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO). The Environmental Impact Assessment (EIA) Reports for Central-Wan Chai Bypass and Island Eastern Corridor Link (Register No. AEIAR-041/2001) and Wan Chai Development phase II and Central-Wan Chai Bypass (Register No.: AEIAR-125/2008) have been approved on 31 August 2001 and 11 December 2008 respectively.

The key purpose of Wan Chai Development Phase II (WDII) is to provide land at Wan Chai North and North Point for construction of the Central-Wan Chai Bypass and Island Eastern Corridor Link (CWB). Land formed under the project will be developed as a world-class waterfront promenade joining that at the new Central waterfront for public enjoyment.

There is a compelling and present need for the CWB to provide relief to the very congested east-west Connaught Road Central/Harcourt Road / Gloucester Road Corridor (the Corridor) which is currently operating beyond its capacity. The CWB will provide relief to the existing congestion along the Corridor and cater for the anticipated growth of traffic on Hong Kong Island. Without the CWB and its access roads, there will not be sufficient capacity to serve the heavy traffic demands at both strategic and local levels.

China State Construction Engineering (HK) Limited was commissioned by Highways Department (HyD), as the main contractor of HY/2010/08, to undertake part of the tunnel section construction within Causeway Bay Typhoon Shelter (CBTS) and the slip road 8 section of the Project.

1.2 PURPOSE OF LANDSCAPE PLAN

Under Condition 2.14 of Further Environmental Permit No FEP-10/364/2009/B, a landscape plan should be prepared and submitted to EPD one month before the commencement of the corresponding parts of landscape works of the Project. In accordance to the Environmental Impact Assessment (EIA) Report and Section 6 of the relevant EM&A Manual, the landscape mitigation measures are proposed to mitigate the visual impacts due to the project. This landscape plan provides details regarding the works to be conducted at Slip Road 8 Section including works within Victoria Park.

1.3 SCOPE OF LANDSCAPE WORK

Scope of Designated Project under FEP-10/364/2009/B

- Construction of about 360 meters long CWB Tunnel structure in the CBTS by cut- and -cover method;
- Construction of about 100m long Slip Road 8 tunnel structure in CBTS by cut- and cover method;
- Construction of about 200m slip road 8 tunnel underneath Victoria Park Road and within Victoria Park by cut-and- cover method;
- Construction of about 410m at grade carriageway connecting to Tsing Fung Street;
- Re-provisioning of existing Victoria Park facilities.

2 MITIGATION MEASURES DURING CONSTRUCTION STAGE

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. (Completed)
CM 2	Existing trees to be retained on site should be carefully protected during construction. (Completed)
CM 3	Trees unavoidable affected by the works should be transplanted where practical (Completed)
CM 4	Compensatory tree planting should be provided to compensate for felled trees. (Completed)
CM 5	Control of night-time lighting (Completed)
CM 6	Erection of site hoarding compatible with the surrounding setting. (Completed)

2.1 MANAGEMENT OF TOPSOIL (CM1)

As a mitigation of both air quality, visual and landscape measures, impermeable sheets will be used to cover temporary stockpiles of any topsoil generated from the relevant landscaping works. Topsoil will be stripped and stored for re-use in the construction of the soft landscape works, especially for the portion within Victoria Park.

2.2 TREE WORKS (TREE PRESERVATION/ TREE TRANSPLANTING/TREE COMPENSATORY PLANTING) (CM2/CM3/CM4)

All the tree works under this contract would be conducted in a close supervision by landscape architect following the guidelines stipulated in the ETWB TCW 3/2006.

The Final Tree Treatment Schedule is included in **Appendix B**, it shows the tree information that are transplanted/fell/retained.

The compensatory planting information refers to **Appendix A1** - Tree Compensatory Planting Plan and Compensatory Tree Schedule for details. Such works will under the Project HY/2010/08. **Compensatory** trees have been planted both inside and outside site boundary, and are shown in drawing CDD SR08 1961C, along with Tree Schedules include in **Appendix A1**.

Works during Construction and Method Statement for Tree Transplanting Work within Victoria Park is provided in **Appendix A2**. Different works method will subject to the discussion with the resident site staff prior commencement of works.

Location plan of visual sensitive receivers is attached in **Appendix G**.

Among the surveyed trees, none of the trees with the site works boundary are registered in the List of Old and Valuable Tree (OVT). There are also no endangered tree species identified in the tree survey.

In order to reflect the latest change of tree conditions due to current status, a form 2 (Tree Risk Assessment Form) will send to greening, landscape & tree management office prior works.

Trees (no. T490 and T626) had imminent danger. For sake of safety reason, these trees were felled. Confirmation of removal of hazardous tree T490 is attached to **Appendix C3**.

2.3 CONTROL OF NIGHT TIME LIGHTING (CM5)

The following measures, but not limited to, would be implemented where practical to minimize impact:

- Carefully planning of any night-time work would be adopted to minimize the use of unnatural lighting
- The need of using lighting device would be carefully assessed based on work task to minimize usage;
- Where lighting devices are needed to be operated, the devices would be aimed away from the visual sensitive receivers where necessary;
- Wind-solar powered lighting pole or site office lighting will be oriented away from VSRs

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.

2.4 ERECTION OF SITE HOARDING (CM6)

In order to minimize the visual impacts to the users of the Victoria Park, site hoarding will be erected to visually screen the works area. The site hoarding design and the layout of the site hoarding are provided in **Appendix D**.

In view of the nature of the Victoria Park, consent has been sought from the Management Office of the Victoria Park for the final arrangement of the site hoardings including the stages of the works and the detailed alignment of the hoardings. Detail of site hoardings as shown in **Appendix D**.

2.5 GENERAL ARRANGEMENT FOR TREE PROTECTION

Tree Protection measures to transplanting trees

Trees to be transplanted will have protective preparation works as stated in the Tree Transplanting Method Statement during preparation works. Interim site hoarding using water barrier will be adopted for screening & protection fencing to trees.

Trenches made for root pruning shall be backfilled with fabricated soil mix or top soil to encourage new growth of root tips.

Secure the tree prior to each root pruning with guying and /or stakes, outside the areas to be cut. After trenching works, check the tree is stable and adjust guy wires/ stakes.

Ensure that chafing of the trunk or branches by using rubber hose.

Tree shall be inspected to check the health of the tree.

Tree shall water regularly, remove weed growth, fertilize if necessary.

The Nursery Location, please refers to **Appendix F** for details.

Tree Protection to existing tree to be retained

“Tree Protection Zones” for installation of protective fencing measures to the trees during construction of the Slip Road.

Permanent Site hoarding will also provide a protection along the boundary areas to existing trees adjacent to the works.

Temporary protective Hessian wrapping will also be applied the main tree trunk to any preserved tree during construction or demolition works.

The following table summarizes the number of trees which have been affected by this contract

Total number of tree transplanted	230
Total number of tree retained;	141
Total number of tree felled	115
Total number of transplanted tree planted on-site	230
Total number of compensatory tree	163

Tree protection zone Fence Barrier – Installation Method

- Set out fence barrier in-line with existing tree canopies within site area.
- Install interlocking barrier.
- Confirm alignment around tree with Engineer's representative onsite.
- Fill water into fence barriers.
- Install Tree Protection Zone Signage to Barriers.

Protective Hessian wrapping to existing tree – Installation Method

- Identify tree directly adjacent to construction works on site with Engineer's representatives.
- Wrap Hessian cloth around tree trunk and main branch in layers for protection.
- Hessian wrapping should be removed as soon as practical to avoid fungi decay infestation during the wet humid season to the bark surface layer.

Protection of preserved trees during excavation of Slip Road 8 alignment

During the construction of the temporary traffic arrangements for the slip road detailed tree protection details will be provided for any change in levels required during the method of construction of the approved Temporary Traffic Arrangement (TTA).

Regular review of the tree protection measures will also be carried out to assess the effectiveness of the protective measures and to carry out modifications during the various stages of the construction works.

Handover of trees from HY/2009/15 to HY/2010/08 at Storage Area in Siu Ho

Wan

5 nos. of trees (T009, T010, T011, T012 and T013), located at Storage Area in Siu Ho wan, were handed over to HY/2010/08 in July 2017. Contract HY/2010/08 would be responsible for the maintenance and protection of above-mentioned retained trees as agreed with the Engineer's Representative.

3 MITIGATION MEASURES DURING OPERATION STAGE

The proposed landscape mitigation measure during operation phase for HY/2010/08, but not limited to, is listed as below (reference is taken from Table 10.6 of EIA Report):

ID No.	Landscape and Visual Mitigation Measures
OM 1	Aesthetic design of buildings and road-related structures, including viaducts, vent buildings, subways, footbridge and noise barriers and enclosure.
OM 2	Shrub and Climbing Plants to soften proposed structures.
OM 3	Buffer Tree and Shrub Planting to screen proposed roads and associated structures
OM 4	Aesthetic design of proposed waterfront promenade
OM 5	Aesthetic streetscape design
OM 6	Aesthetic design of roadside amenity areas

Among the mitigation measures described above, only OM1, OM2, OM3 and OM6 would be applicable to the existing scope of this Contract. OM1 will be addressed in Additional Mitigation Plan for Slip Road 8. The consideration of the landscape and visual impacts during the operational phase of the Project has been taken into account during the design stage of this Project. All the permanent landscaping works under this Contract will follow the original scope of works. The mitigation measures and planting schedule during operation of the project, is provided in **Appendix E**.

4 ESTABLISHMENT MONITORING

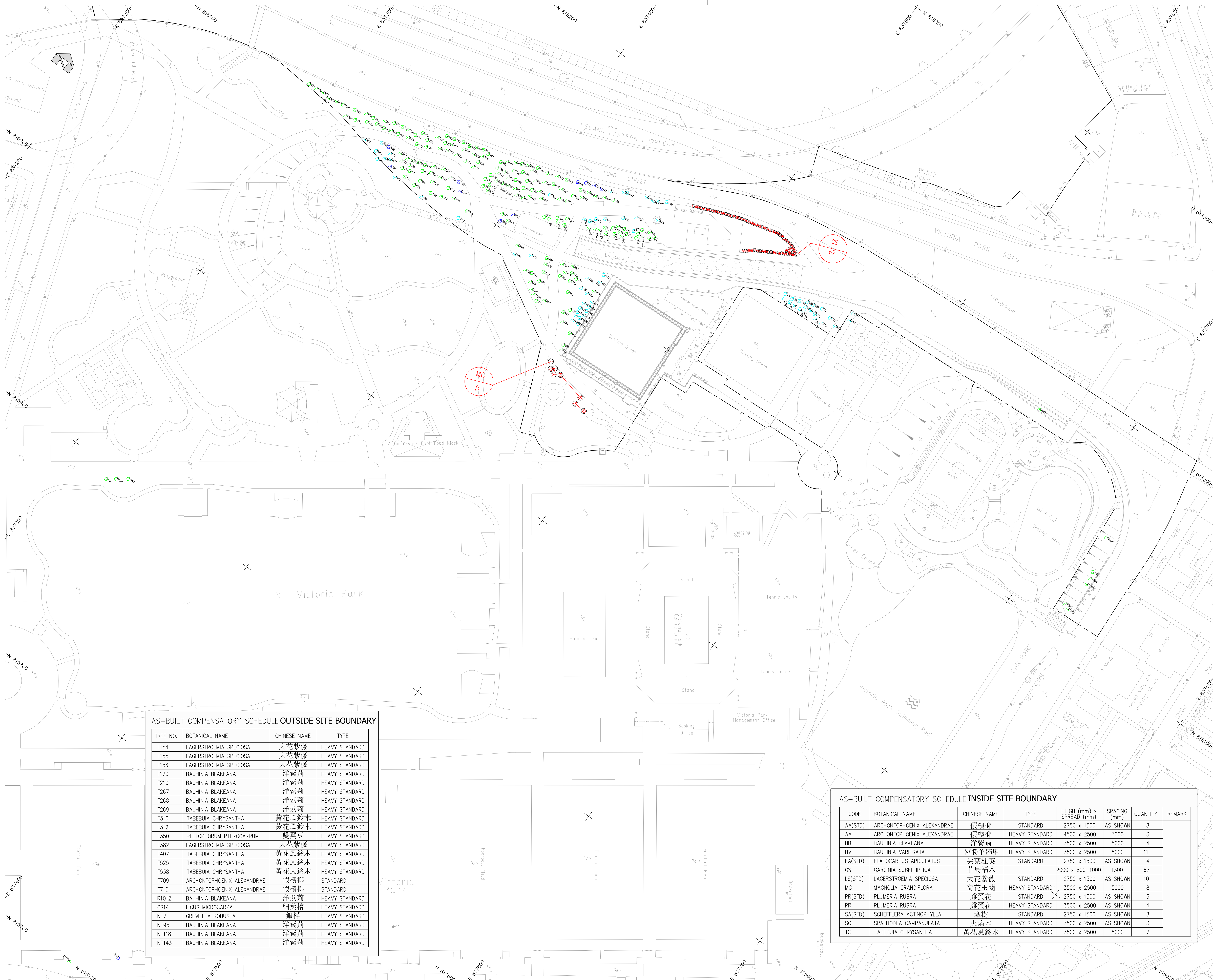
Establishment Works monitoring would be implemented by the Environmental Team after the completion of the planting works shall be conducted based on the as-built drawings and information agreed by the relevant maintenance Authority including LCSD and HyD provided by the Resident Site Staff and monitor the soft landscape maintenance works and recommend and report necessary establishment works, as appropriate.

Landscape establishment monitoring and long-term operation monitoring would be implemented by Environmental Team on the planting works intended to mitigate the visual and landscape impact during operation phase of the project, according to requirement in Section 6 of EM&A manual. The monitoring will be conducted based on the as built drawing no. CDD SR08 1961C as appropriate, working alongside maintenance Authorities including LCSD, HyD and VPMO.

The following table summarizes the number of trees which have been affected by this contract

Total number of tree transplanted	230
Total number of tree retained;	141
Total number of tree felled	115
Total number of transplanted tree planted on-site	230
Total number of compensatory tree	163

**Appendix A1
Tree Compensatory Planting Plan and
Compensatory Tree Schedule**



- NOTES:**
1. ALL LEVELS SHOWN ARE IN METRES REFER TO HONG KONG PRINCIPAL DATUM (HKMPD) UNLESS OTHERWISE STATED.
 2. GRID LINES ARE IN H.K. METRIC GRID 1980.
 3. DECIMAL POINT OF SPOT HEIGHT IS THE SURVEYED POSITION OF SURVEYED POINT.

- LEGEND :**
- EP BOUNDARY
 - T400 FINAL LOCATION OF TRANSPLANT TREES
 - T310 COMPENSATORY RETAINED TREES
 - T270 EXISTING TREES

AS-BUILT COMPENSATORY SCHEDULE OUTSIDE SITE BOUNDARY

TREE NO.	BOTANICAL NAME	CHINESE NAME	TYPE
T154	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD
T155	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD
T156	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD
T170	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T210	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T267	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T268	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T269	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T310	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T312	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T350	PELTOPHORUM PTEROCARPUM	雙翼豆	HEAVY STANDARD
T382	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD
T407	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T525	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T538	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T709	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	STANDARD
T710	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	STANDARD
R1012	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
CS14	FICUS MICROCARPA	細葉榕	HEAVY STANDARD
NT7	GREVILLEA ROBUSTA	銀樺	HEAVY STANDARD
NT95	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
NT118	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
NT143	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD

AS-BUILT COMPENSATORY SCHEDULE INSIDE SITE BOUNDARY

CODE	BOTANICAL NAME	CHINESE NAME	TYPE	HEIGHT(mm) x SPREAD (mm)	SPACING (mm)	QUANTITY	REMARK
AA(STD)	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	STANDARD	2750 x 1500	AS SHOWN	8	
AA	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	HEAVY STANDARD	4500 x 2500	3000	3	
BB	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD	3500 x 2500	5000	4	
BV	BAUHINIA VARIEGATA	宮粉羊蹄甲	HEAVY STANDARD	3500 x 2500	5000	11	
EA(STD)	ELAEOCARPUS APICULATUS	尖葉杜英	STANDARD	2750 x 1500	AS SHOWN	4	
GS	GARCINIA SUBELLIPTICA	華島福木		2000 x 800-1000	1300	67	
LS(STD)	LAGERSTROEMIA SPECIOSA	大花紫薇	STANDARD	2750 x 1500	AS SHOWN	10	
MG	MAGNOLIA GRANDIFLORA	荷花玉蘭	HEAVY STANDARD	3500 x 2500	5000	8	
PR(STD)	PLUMERIA RUBRA	雞蛋花	STANDARD	2750 x 1500	AS SHOWN	3	
PR	PLUMERIA RUBRA	雞蛋花	HEAVY STANDARD	3500 x 2500	AS SHOWN	4	
SA(STD)	SCHEFFLERA ACTINOPHYLLA	傘樹	STANDARD	2750 x 1500	AS SHOWN	8	
SC	SPATHODEA CAMPANULATA	火焰木	HEAVY STANDARD	3500 x 2500	AS SHOWN	3	
TC	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD	3500 x 2500	5000	7	

路政署
Highways Department
主要工程管理處
Major Works Project Management Office

CENTRAL - WAN CHAI BYPASS - TUNNEL
(SLIP ROAD 8 SECTION)

TITLE AS-BUILT RECORD SURVEY PLAN
OF TREE PLANTING
AT VICTORIA PARK

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

AECOM

DRG. NO. CDD SR08 1961C
圖紙編號

CONTRACT NO. HY/2010/08
合約編號

DATE OF ISSUE 19 Nov, 2020
發出日期

CHECKED BY SK Chow
覆核

DRAWN BY KC Chung
繪圖

SCALE 1:600
比例

STATUS RECORD
階段

DIMENSIONS ARE IN METRES
單位尺寸

PAPER SIZE A0
圖紙尺寸

SHEET 1 OF 1



Outside Site Boundary

Tree No.	Botanical Name	Chinese Name	Type	Height (mm) x Spread(mm)	Spacing (mm)	Quantity		
T154	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD	/	/	1		
T155	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD			1		
T156	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD			1		
T709	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	STANDARD			1		
T710	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	STANDARD			1		
T210	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD			1		
NT1118	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD			1		
NT95	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD			1		
NT143	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD			1		
CS14	FICUS MICROCARPA	細葉榕	HEAVY STANDARD			1		
R1012	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD			1		
PR	PLUMERIA RUBRA	雞蛋花	HEAVY STANDARD			3500 x 2500	As shown	4
BV	BAUHINIA VARIEGATA	宮粉羊蹄甲	HEAVY STANDARD			3500 x 2500	5000	4
AA (STD)	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	STANDARD			2750 x 1500	As shown	8
SA (STD)	SCHEFFLERA ACTINOPHYLLA	傘樹	STANDARD			2750 x 1500	As shown	8
LS (STD)	LAGERSTROEMIA SPECIOSA	大花紫薇	STANDARD	2750 x 1500	As shown	10		
TC	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANTARD	3500 x 2500	5000	7		
BB	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD	3500 x 2500	5000	4		
SC	SPATHODEA CAMPANULATA	火焰木	HEAVY STANDARD	3500 x 2500	As shown	3		
PR (STD)	PLUMERIA RUBRA	雞蛋花	STANDARD	2750 x 1500	As shown	3		



Inside Site Boundary

Tree No.	Botanical Name	Chinese Name	Type	Height (mm) x Spread(mm)	Spacing (mm)	Quantity
T170	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD			1
T538	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANTARD			1
T525	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANTARD			1
T269	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD			1
T268	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD			1
T267	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD			1
T382	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD			1
T310	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANTARD			1
T312	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANTARD			1
T407	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANTARD			1
NT7	GREVILLEA ROBUSTA	銀樺	HEAVY STANTARD			1
GS	GARCINIA SUBELLIPTICA	菲島福木	-	2000 x 800 – 1000	As shown	67
MG	MAGNOLIA GRANDIFLORA	荷花玉蘭	HEAVY STANDARD	3500 x 2500	5000	8
AA	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	HEAVY STANDARD	4500 x 2500	3000	3
EA (STD)	ELAEOCARPUS APICULATUS	尖葉杜英	STANDARD	2750 x 1500	As shown	4
BV	BAUHINIA VARIEGATA	宮粉羊蹄甲	HEAVY STANDARD	3500 x 2500	5000	7

Appendix A2
Method Statement for Tree
Transplanting Work



怡生花園有限公司
Yee Sun Garden Ltd.

**Method Statement for Transplanting Works for Trees (DBH < 500mm)
within Victoria Park and Victoria Park road, Causeway Bay (REV A 15/4/2013)**

Contract No. HY/2010/08

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

1.0 Objective

For the of construction of the Slip Road 8 Tunnel as part of the Central - Wanchai Bypass works a number of affect trees inside the Victoria Park has been identified to be transplanted. This document is to present the methodology of the tree transplanting works for Trees (DBH < 500mm).

2.0 Scope of Work

The scope of works includes the transplanting of various sizes of trees as shown in the Tree Survey Report. Preparation time for the trees to be transplanted will be classified in three categories in accordance with its' trunk diameter as follows:

At breast height below 300mm – 3 months

At breast height between 400mm and below 500mm – 6 months

At breast height over 500mm – 9 months. (refer to separate Method Statement)

This method statement is prepared for particular trees identified under 500mm trunk diameter(DBH).

The transplanted trees will be maintained for a specific period of time through out the construction period either in their final receptor sites or in the temporary holding nursery as required to suit the construction program.

2.1 Trees to be transplanted will be protected as follows:

- a) Protection fence will be erected around individual tree or group of trees to be transplanted.
- b) Fencing shall be erected as per Drawing No. TP1 given under the Particular Specification or other means as confirmed to suit the site conditions.

2.2 Transplanting requirements

A summary of the total number of transplanted trees categorized with their trunk diameter under 500mm (DBH) is approx 276 trees. Transplanting works shall follow the trees as identified in the Construction working drawings and Tree Survey findings.



2.3 Programme

A detailed working sequence has been planned and developed to allow for the specified period requirement for separate stages of root pruning for different sized trees. A particular preparation time is required to help reduce stress to the tree during the root ball pruning operations as stated being 3 months, 6 months and 9 months over 4 work stages before the transplanting lifting to other location. Details of the trees under the preparation sequence will follow the 3 Month rolling programme as prepared and submitted to the ER by China State Construction. This will follow the sequence of works and relate to the various hand over dates of different Portions of the Site.

2.4 Coordination Transplanting within Victoria Park

For the transplanting works, there are a number of specific constraints and coordination requirements that we will address with all stakeholders before the commencement of preparation, lifting and physical moving of trees. The major aspects will include regular site coordination meeting with Victoria Park LCSD Management staff to address the interface with existing public park operations including our working hours, access and transport arrangements and any mitigation / safety measures for public using the park.

3.0 References

The transplanting works will be performed in compliance with the requirements of PS 3.97 to 3.105 of the Contract Particular Specification and good horticultural practice.

Under circumstances that may have different conditions from those expected and may require special procedures for execution of the works, the Employer's Representative will be notified in such cases prior to commencement of the works.

4.0 Method of Working

4.1 Pre-transplanting Arrangement – Initial Tree Survey to record and survey tree health and existing condition

4.2 Take record photograph of the whole tree prior to any work.

4.2.1 Crown Pruning

- a) Prior to any works, all branches or root system to be cut shall be proposed to the ER, agreed and approved on site.
- b) Crown reduction to reduce transpiration will be carried out and produce well-shaped, natural and balance crown, the extend of crown thinning shall be determined to allow transportation on public roads or on access roads within the Victoria Park.



- c) If a tree is oversized in height and/or width and needs to be transported on public road, the trunk and canopy of the tree need to be reduced to fit on the largest truck available (i.e. 2.5m wide x 12m long) in accordance with Highways Code of Practice. This would mean a crown reduction of more than 25% would be necessary in most cases. Under such circumstance, the central main leader of the tree shall be maintained as the first priority with the secondary branches pruned only when necessary. The objective is to produce a clean, well-spaced, well-shaped and balanced head.
- d) Crossing branches to be selectively pruned. Pruning shall include the removal of diseased, malformed and dead branches in the presence of the ER.
- e) Remove lower branches to leave sufficient clear length from soil level for easy tree lifting/transportation regulations
- f) All cuts shall be carefully made to avoid splintering or tearing of barks.
- g) Pruning works will be undertaken by our skilled pruning staff by either Certified Tree Climber or using Hydraulic Platform to prune trees.
- h) Photographs for record purpose and supervision by ER will be taken throughout the pruning works.

4.2.2 Root Pruning

- a) The trees will be securely guyed with appropriate means during and after root pruning operation.
- b) The diameter and depth of rootball shall be 5-10 times of the trunk diameter with a depth of 750-900mm taking into account the size and species of trees, site constraints and arboriculture practices. The proposed circumference of the rootball shall be marked on the ground around the tree. For some specific trees or palm, seek prior approval of the ER.
- c) The rootball circle drawn shall be divided into 6 equal segments. Root pruning shall be done in 4 stages, notify the ER two days before such operation is to be carried out and in the presence of the ER or his designate.
- d) i.) Excavate a trench along the outside of the marked circumference of the rootball in two opposing segments. Use sharp knife or similar sharp implement to cut the roots. The trench size shall be 300 mm wide and 750-1000mm in depth. Backfill excavated trenches with original excavated soil or fabricated soil mix, apply root activator to promote new root growth. Water the rootball thoroughly thru the root pruning waiting period.



- ii.) Repeat d-i) for the remaining 2/3 circumference of the rootball at a monthly interval for trunk diameter below 300mm trees and at a bi-monthly interval for trunk diameter between 400mm to 500mm. Secure trees prior to each root pruning with guy wires or other appropriate means, check regularly to ensure the stability of the trees and adjust when deemed necessary. Inspect trees to be transplanted every 28 days to ensure their health, carry out horticultural maintenance works such as watering, weeding, fertilizing, pest control and etc. Report any sign of deterioration in tree health with remedial proposal to the ER when noted.
- e) Photographic shall be taken during the transplanting preparation stages
- f) After 1 month for trunk diameter below 300mm or 2 months for trunk diameter between 400mm-500mm since the 3rd root pruning, cut the underside of the rootball to allow lifting of the trees with heavy duty retractable boom truck or other appropriate lifting equipment.
- g) The rootball shall be kept moist and tightly wrapped such that there wouldn't be any loose soil and exposed roots as shown in the photo below.



- h) The up-lifted trees shall be wrapped with black shading cloth to protect from excessive sunlight, to be transported to the receptor site by flat bed lorries or 40' trailers as appropriate and planted in the receptor site within the same day.
- i) Adequately water the tree daily during and after the root pruning operation, and adjust according to weather condition.

4.2.3 Planting Area Preparation and Transplanting

Within Victoria Park or other designated sites

- a) Confirm receptor location with ER / Victoria Park LCSD Park Management based on Working Drawings and setting out location for



- approval to install tree to location.
- b) Excavate tree pits at the designated location, all pits shall be 500mm greater than the size of rootball of the tree to be transplanted in all dimensions.
 - c) The base and sides of the pit shall be loosened to a depth of 150mm.
 - d) After wrapping the rootball tightly with Hessian and galvanized chicken wire, slip wire rope slings to the underside of the rootball and fix securely.
 - e) Wrap tree stem with woolen blanket, protect tree trunk with timber planks at lifting point and tie canvas sling around the tree stem. Use a crane lorry to lift the rootball via wire rope slings with the use of canvas sling as support to prevent swaying of the tree. The tree shall be lifted carefully to avoid damage to any portion of the tree.
 - f) The proposed routing / delivery arrangements for the tree relocation will be coordinated with Victoria Park Management in advance for approval within the Public Park.
 - g) Example of the lifting arrangement is shown in the below photos.





- h) Move the uplifted tree to the lorry for transportation to the destination location.
- i) Once the tree is settled and securely fixed in the lorry, transport the tree to the destination tree pit for planting immediately.
- j) Place tree into the prepared tree pit.
- k) Backfill the tree pit with approved soil mix to its surrounding level with a saucer shaped depression to be formed to facilitate water retention and top up level of root ball with soil mix to flush with finish ground level.
- l) Immediately after transplanting, the bases of all trees are to be well watered, using enough water to thoroughly soak the rootball. Water the transplanted tree daily or depending on weather condition.
- m) Cover the whole plant pit with a 50 mm layer of mulch.
- n) Secure the trees with guy wires as per detail attached.



Transplanting to Offsite Holding Nursery

- o) Set out tree positions and passageways for maintenance in nursery, allow adequate room for proper tree growth with a minimum space of 2.25 sq.m. or larger as required for each trees.
- p) Prior to tree transplantation into the nursery, erect a minimum 1.2 meter height protective fence around the nursery boundary, irrigation water, electricity, dry storage, workers' shelter and toilet latrine made readily available.
- q) Follow procedures as defined in (a) to (e) above for trees to be transplanted into the holding nursery.
- r) Upon arrival in the designated location of the nursery, carefully lower the tree onto the ground, erect a temporary planter/rootball container with 300mm greater in any dimension of the rootball of each tree using appropriate materials such as bricks or strong plastic sheets embraced with wooden blanks and galvanized wires to form a sturdy planter above ground for holding as per photo shown below.



- s) Immediately after planting, the rootball of all trees are to be well watered. Water the transplanted tree daily or depending on weather condition.
- t) Cover the surface of the rootball with a 50 mm layer of mulch.



- u) Secure the trees with guy wires or ropes as per attached photo.
- v) Carry out necessary arboricultural work to maintain the transplanted trees in a healthy condition during the holding period, report to the ER any damage to the trees with remedial proposals within 10 days after identification and replace dead or damaged trees when held in the holding nursery.
- w) Submit monthly reports on the transplanted trees with progress photographs.
- x) Carry out tree surgery works as required under clause 3.103 of the Particular Specification.
- y) All tree transplanting works are to be directly supervised by our in-house Certified Arborist.

4.3 Resources/Plants

1. Team of Experienced Tree Workers
2. Hand-saws / Chain-saws
3. Pruning looper
4. Hand-held tools
5. Mini excavator
6. 30/50 tons lifting capacity Crane Lorry
7. Flat Bed Lorries and 40' trailers

4.4 Establishment and Maintenance Works in Receptor Site and Holding Nursery

Carry out regular tree care works in accordance with the attached yearly programme in Receptor Site or Holding Nursery until end of the Establishment Period specified in the Contract. A separate Method Statement based on the latest version of work drawings will be submitted for re-planting of trees from Holding Nursery upon completion of the Project, tentatively in 2019.

4.5 Remedial measure for damaged and failure of transplanted trees

Generally this measure including reporting procedures shall strictly follow contract specification requirement. Should damage or failure is found with the transplanted trees, necessary arboricultural work including tree surgery work to remove dead, damaged, diseased or hazardous parts, repair wounds and to provide cables or braces for additional support, watering and mulching in case of water deficiency, application of fertilizers to supplement nutrient deficiency. In the event the transplanted tree perished, notify the ER immediately and take instruction from him for remedial or compensation measures that he deems appropriate.



怡生花園有限公司
Yee Sun Garden Ltd.



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

Method Statement for Transplanting Works for Large Size Trees (DBH >500mm) within Victoria Park



Ficus rumphii – Penny's Bay Infrastructure



Contract No. HY/2010/08 Central-Wan Chai Bypass Tunnel (Slip Road 8 Section Method Statement for Transplanting Works for Large Size Trees (DBH >500mm) within Victoria Park

1.0 Objective

This Method Statement has been prepared to confirm the transplanting of large size trees (i.e. DBH > 500mm) that are required to be directly relocated within Victoria park as part of the Contract No. HY/2010/08 Central – Wanchai Bypass Slip road 8 construction. A holistic strategy has been prepared for the transplanting of trees due to their overall form, size and proposed planting locations required in Victoria Park coupled with site access constraints.

2.0 Scope of Work & Programme

According to the latest working drawings issued by the Engineer, a total of 10 trees with DBH > 500mm are required to be transplanted within the Victoria Park. A summary table below presents the particulars of those large size trees.

Based on the preparation period under the P.S. for transplanting the trees & palms with a DBH>500mm listed below will have a 9 month period of root pruning under 4 stages of preparation before their relocation in the park. This requirement has been reflected in China State Construction HK Ltd submitted IWP (Initial Works Programme.)

Tree No.	Tree species	Size		
		Height (m)	Diameter DBH (mm)	Spread (m)
T179	Elaeis guineensis 油棕	8	700	5
T188	Elaeis guineensis 油棕	9	650	5
T189	Elaeis guineensis 油棕	9	630	5
T190	Elaeis guineensis 油棕	9	650	5
T286	Elaeis guineensis 油棕	8	690	5
T288	Ficus benjamina 垂榕	9	760	13
T450	Melaleuca quinouenervia 白千層	12	624	10
T451	Taxodium distichum 落羽杉	13	700	12



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T452	Ficus virens var sublanceolata 大葉榕	17	830	21
T453	Ficus virens var sublanceolata 大葉榕	17	949	22

3.0 Final planting location during transplanting - Receptor Sites

All the *Elaeis guineensis* palm trees will be transplanted to an existing planting area at the north western corner of the park near Victoria Park Entrance No.9 while the remaining large tree species will be transplanted to the existing planters located adjacent to the Bowling Green and Toilet Block. Appendix B contains the layout plans showing the receptor location of the trees.

4.0 References

The transplanting works will be performed in compliance with the requirements of PS 3.97 to 3.105, PS Appendix 31.04 and good horticultural practice.

Under circumstances that may have different conditions from those expected and may require special procedures for execution of the works, the Employer's Representative will be notified to obtain approval for such cases prior to commencement of the works.

5.0 Method of Working

5.1 Before commencement of the transplanting works

All trees / palms to be transplanted with a DBH>500mm, a detailed tree risk assessment has been undertaken by our Certified Arborist to record the existing condition. Based on the risk assessment results any corrective or mitigation measures as arboricultural works required will be confirmed with the ER for implementation.

5.2 Site Preparation Works

During the root pruning stages to be undertaken at 3 month intervals the root pruning to those trees will be section off from the public by the installation of a in - trim decorative hoarding as agreed by the ER and VPMO (Victoria Park Management Office). Temporary hoarding works will be implemented by CSHK at the various staged root pruning works and removal of trees

5.3 Crown Pruning works

- *Method for Elaeis guineensis palm tree species T179 / T188 / T189 / T190 / T286*

Dead, diseased, and any damaged palm leaf fronds will be selectively removed during the transplanting preparation works as directed by our Certified Arborist and the ER.



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Method Statement for Transplanting Works for Large Size Trees (DBH >500mm)
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- *Method for Ficus benjamina T288 Ficus virens T452 & T453 Taxodium distichum T451 Melaleuca quinouenervia T450*

Dead, diseased, and any damaged palm branches will be selectively removed.

In general,

- a) Prior to any works, all branches proposed to be cut on these trees shall be proposed to the ER, agreed and approved on site..
- b) Crown reduction to reduce transpiration will be carried out and produce well-shaped, natural and balance crown, the extent of crown thinning shall be determined to allow transportation within the Victoria Park.
- c) Crossing branches to be selectively pruned. Pruning shall include the removal of diseased, malformed and dead branches in the presence of the ER.
- d) Remove lower branches to leave sufficient clear length from soil level for easy tree lifting/transportation regulations
- e) All cuts shall be carefully made using good pruning practice to avoid splintering or tearing of barks.
- f) Photographs for record purpose and supervision by ER will be taken throughout the pruning works.

Tree pruning shall be undertaken by using Certified Tree Climber using hydraulic platform or climbing rope harness depending on tree and site conditions



Tree pruning by platform



Tree Climbing for pruning works

Note : In particular Trees T452 & T453 due the extensive size of spreading existing tree canopies and site access constraints linked with the size of the proposed receptor site location adjacent to the Bowling green and existing trees to be retained shall require crown reduction work to be agreed with the ER / LCSD during their transplanting works.

5.4 Extent of Root Pruning to Large Trees formation of Root ball, Uplifting and Translocation



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within Victoria Park**

- a) The proposed size of root ball for each tree is listed in the Tree Schedule below for the ER approval before commencement of the root pruning work.
- b) According to Clause 3.98(2) of the Particular Specification, the root ball size shall be as large as possible with a prepared soil depth of min 750 – 900mm and a diameter of 5 – 10 times the trunk diameter. Since the trees are grown in planters that are limited in size and some trees are constrained by existing building structure / walls (e.g. T190 next to LCSD Nursery office), it is proposed that a 5 times ratio of the trunk diameter be adopted for T288 and T450 to T453.



T190 grown immediately adjacent to a structure

- c) For T179, T188 to T190, and T286 which are all Palm Trees - *Elaeis guineensis*, it is proposed that the root ball be 2m x 2m due to (a) the root ball size is limited by the size of the existing planter and (b) the fibrous rooting habit of palm trees. The following table summarizes the proposed root ball size for each tree.



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Proposed root ball size for Engineer's Approval

Tree No.	Tree species	Size			Proposed Root Ball Size
		Height (m)	Diameter DBH (mm)	Spread (m)	
T179	Elaeis guineensis 油棕	8	700	5	2m x 2m
T188	Elaeis guineensis 油棕	9	650	5	2m x 2m
T189	Elaeis guineensis 油棕	9	630	5	2m x 2m
T190	Elaeis guineensis 油棕	9	650	5	2m x 2m
T286	Elaeis guineensis 油棕	8	690	5	2m x 2m
T288	Ficus benjamina 垂榕	9	760	13	2m x 2m
T450	Melaleuca quinouenervia 白千層	12	624	10	3.5m x 3.5m
T451	Taxodium distichum 落羽杉	13	700	12	3.5m x 3.5m
T452	Ficus virens var sublaceolata 大葉榕	17	830	21	4.5m x 4.5m
T453	Ficus virens var sublaceolata 大葉榕	17	949	22	5m x 5m

- d) The exact circumference of the root ball shall be marked on the ground and agreed with the ER before commencement of the root pruning work.
- e) According to Clause 3.98(8) of the Particular Specification, root pruning shall be carried out over a period of 9 months and in four stages to ensure maximum fibrous root regeneration prior to actual uplifting of the tree.
- f) Divide the circumference of the root ball into 6 equal segments. During the first stage, dig a trench on the outside of the marked circumference, in only two opposing segments.
- g) The trench size shall be 300 mm wide and 750-1000mm in depth. Backfill the excavated trenches with original excavated soil or fabricated soil mix. Apply root activator to promote new root growth. Water the rootball thoroughly throughout the root pruning preparation period.



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- h) After a resting period of 90 days since the 1st root pruning, dig a trench on the outside of the marked circumference, in the next two opposing segments. Repeat (g) above.
- i) After another period of 90 days since the 2nd root pruning, dig a trench on the outside of the marked circumference, in the last remaining two opposing segments. Repeat (g) above.
- j) After a further period of 90 days since the 3rd root pruning, prepare the root ball as in Section 5.4 below.

5.5 Root Ball Preparation

***Elaeis guineensis* palm tree species T179 / T188 / T189 / T190 / T288**

- a) For the *Elaeis guineensis* which have a relatively small root ball size, located closely together, and grown in planters with limited working space, hessian and wire mesh be used to wrap the root ball to maximize its size. A photo illustrating the proposed method is shown below.



Root ball and wrapping to palm for protection during relocation and replanting



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Method to lift and replant *Elaeis guineensis* 油棕 palms using a Crane Truck on EVA within Victoria Park.



Replanting removal of root ball packing and backfilling with soil mix



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Ficus benjamina T288 Ficus virens T452 & T453

Taxodium distichum T451 Melaleuca quinouenervia T450

- b) For the large size trees, the previously backfilled root pruning trenches outside the root ball will be excavated again to expose all sides of the root ball. Sheet piles will be driven underneath the root ball using an excavator mounted with hydraulic vibratory hammer to form the bottom of the root ball box as shown in the photo below.



- c) Form sides of the root ball box with sheet piles and structural steel like as shown in the photo below. (Separate detailed shop drawings for the temporary holding box structures will be submitted for approval for each tree with ICE check certificate)



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- d) Complete the root ball box on all four sides and ensure that it is completely enclosed except for the top.



5.5 Uplifting and Transit – *Elaeis guineensis*

- a) Confirm tree location with the ER and set out the location on site for approval.
- b) Excavate tree pit at the receptor location, all pits shall be 500mm greater than the size of root ball of the tree to be transplanted in all dimensions.
- c) The base and sides of the pit shall be loosened to a depth of 150mm.
- d) For the *Elaeis guineensis*, a 30 tonnes crane lorry will be used to lift and transport the tree to the receptor location. Appendix C contains the proposed haul route within Victoria Park for transporting the trees to be confirmed with VPMO in advance by Engineer
- e) Before uplifting, tie the fronds of the *Elaeis guineensis* together to facilitate lifting and transporting of the tree.
- f) Prepare the root ball as stated in 5.4(a) above.
- g) After wrapping the root ball tightly with Hessian and wire mesh, slip wire rope slings to the underside of the rootball and fix securely.
- h) Wrap Palm tree stem with woolen blanket, and Hessian wrapping to protect tree trunk with timber planks at lifting point and tie canvas sling around the tree stem. Use the crane lorry to lift the root ball via wire rope slings with the use of canvas sling as support to prevent swaying of the tree. The tree shall be lifted carefully to avoid damage to any portion of the tree.



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- i) Example of the lifting arrangement is shown in the below photos.





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- j) Once the tree is settled and securely fixed in the lorry, transport the tree to the destination tree pit for planting immediately.
- k) When driving within the Park, two banksmen (one in the front and one in the back) shall walk beside the lorry to alert the public to stay away from the truck. The driving speed of the lorry shall not exceed 5 km/hr. (Coordination meetings will be held with VPMO for advance planning the arrange suitable timing within the park for moving the Palm trees)
- l) Once arrive the receptor location, slowly lift the tree into the pre-excavated tree pit.
- m) Backfill the tree pit with approved soil mix to its surrounding level with a saucer shaped depression to be formed to facilitate water retention and top up level of root ball with soil mix to flush with finish ground level.
- n) Immediately after transplanting, the bases of all trees are to be well watered, using enough water to thoroughly soak the rootball. Water the transplanted tree daily or depending on weather condition.
- o) Cover the whole plant pit with a 50 mm layer of mulch.
- p) Secure the trees with guying wires.



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**5.6 Uplifting and Relocation – Ficus benjamina T288 Ficus virens T452 ,T453
Taxodium distichum T451 Melaleuca quinouenervia T450**

- a) Prepare tree pit at receptor location as 5.5(a) to (c) above.
- b) Secure wire slings to the bottom of the root ball box.



- c) A separate detailed method statement and temporary works design for structures for lifting trees will be prepared following the Engineer's approval of the proposed rootball sizes given under this Method Statement



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Lift the whole of the tree and the root ball box up using a 100-200 tonnes mobile crane to be confirmed based on each trees root ball steel box ICE design calculations



Depend on the distance between the original location of the tree and its receptor site and works area available on site at time of uplifting the tree, a trailer may be used to transport the tree to the receptor site if necessary and possible. Otherwise, the mobile crane will be used to move the tree to its receptor site by several moves.



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- d) When the tree has been moved to the receptor location, lower the root ball box into the pre-excavated tree pit.
- e) Cut the steel and remove the sheet piles from the sides of the root ball box, then extract the sheet piles out from the bottom of the root ball box with an excavator.
- f) When the root ball box has been dismantled, backfill the tree pit with approved soil mix to its surrounding level with a dish shaped graded depression to be formed to facilitate water retention and top up level of root ball with soil mix to flush with finish ground level.
- g) Immediately after transplanting, the bases of all trees are to be well watered, using enough water to thoroughly soak the rootball. Water the transplanted tree daily or depending on weather condition.
- h) Cover the whole plant pit with a 50 mm layer of mulch.
- i) Place four 1m x 1m x 1m concrete block, one at each corner, on the ground just outside the root ball box. anchor bolts will be installed into the concrete blocks for fixing guying system.
- j) Tie the tree to the anchor bolts with steel wire to support the tree.
- k) The concrete mass will also serve as protection of the transplanted tree during construction. Tree protection zone fencing will be installed around all trees adjacent to slip road construction works.



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5.7 Establishment of the Transplant Trees

- a. All of the transplanted trees will be maintained until the site is handed over to LCSD if the trees are located within the construction site area.
- b. Watering shall be carried out frequently immediately after the tree is transplanted to facilitate its establishment. When it has established, carry out three times a week during the dry season and as required during the wet season.
- c. Firming up of the trees and tree support guying adjustments shall be undertaken from time to time during the establishment period and particularly after heavy rain and/or wind.
- d. One application of slow release fertilizer shall be made on the soil surface in March and September each year.
- e. The replanting tree pit shall be kept free of weeds at all times.
- f. Monthly inspection shall be carried out to check for any insect attack or fungus infestation including termite particularly during known periods of pest and diseases activity.
- g. A photographic record report will be prepared and submitted on a monthly basis to illustrate the latest condition of the trees after transplanting.

5.8 Resources / Plants

- a. Certified Arborist
- b. Team of experienced tree workers
- c. Excavator equipped with hydraulic vibratory hammer
- d. Mini excavator
- e. 100 tonnes mobile crane
- f. 30 tonnes crane lorry
- g. 40' trailer
- h. Hand-saws / Chain-saws
- i. Pruning looper
- j. Hand-held tools

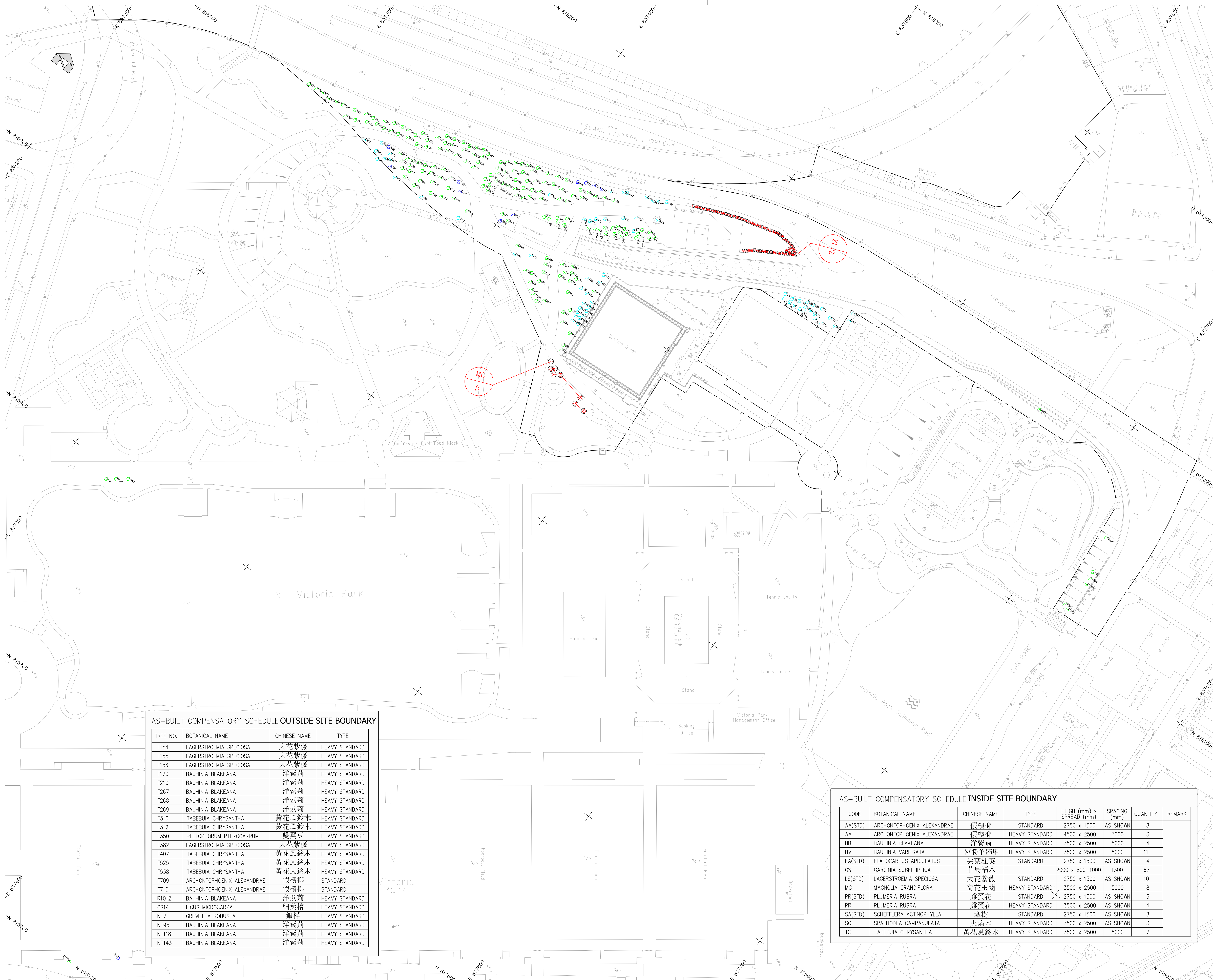
Appendix B
Final Tree Treatment Schedule

Complimentary Tree Schedule

Tree No.	Botanical Name	Chinese Name	Size			Form (Good / Fair / Poor)	Health Condition (Good / Fair / Poor)	Amenity (Good / ReFair / Poor)	Recomm - endation (Retain / Transplantin g / Fell)	Survival Rate After Transplanting (High / Medium / Low)	Remark
			Overall Height (m)	Trunk Diameter (mm)	Average Crown Spread (m)						
TA29	<i>Michelia x alba</i>	白蘭	6	100	1.5	F	F	G	F	M	Slender tree, branch cross to T380
TA30	<i>Michelia x alba</i>	白蘭	7	100	3	P	F	G	F	M	Slender tree, wound on curve branch
TA36	<i>Ficus benjamina</i>	垂葉榕	6	193	5	F	F	F	F	M	Co-dominant branch, included bark, uneven root plate
TA46	<i>Ficus benjamina</i>	垂葉榕	8	251	6	F	F	F	T	M	Co-dominant branch, pruning wound on lower trunk, roots exposed
TA47	<i>Ficus benjamina</i>	垂葉榕	6	182	4	F	F	F	T	M	Co-dominant and bending branch
TA48	<i>Ficus benjamina</i>	垂葉榕	5	150	3.5	P	F	G	F	M	Co-dominant and bending branch
TA50	<i>Delonix regia</i>	鳳凰木	10	320	6	F	F	F	F	M	Slender tree, Crooked trunk
TA59	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)	6	118	3	F	F	F	T	M	Bending branch, Sparse crown
TA82	<i>Liquidambar formosana</i>	楓香	8	115	4	P	F	F	T	M	Leaning, Bending
TA93	<i>Peltophorum tonkinense</i>	銀珠	7	197	5	F	F	F	T	M	Leaning, sparse crown
TA95	<i>Archontophoenix alexandrae</i>	假檳榔	8	113	6	F	F	F	F	M	Co-dominant and bending branch
TA96	<i>Archontophoenix alexandrae</i>	假檳榔	6	120	5	F	F	F	F	L	Crooked upper trunk, co-dominant and bending branch
TA97	<i>Livistona chinensis</i>	蒲葵	5	150	4	F	F	F	F	L	Crooked upper trunk, co-dominant and bending branch
TA98	<i>Livistona chinensis</i>	蒲葵	5	170	3	P	F	F	F	L	Wound on bending branch
TA99	<i>Livistona chinensis</i>	蒲葵	5	130	3	F	F	F	F	L	Co-dominant branch, uneven root plate
TA100	<i>Callistemon viminalis</i>	串錢柳	5	115	4	F	F	F	F	L	Co-dominant bending branch, Root restricted
TA101	<i>Callistemon viminalis</i>	串錢柳	6	132	4	F	F	F	F	L	Co-dominant branch, Multi branch attachment, Root Restricted
T132	<i>Acacia confusa</i>	台灣相思	11	622	10	F	F	F	F	L	FronD conflict with adjacent tree
T154	<i>Ficus virens</i>	大葉榕 (黃葛樹)	6	195	4	F	F	F	R	M	Crooked & root restricted
T155	<i>Ficus virens</i>	大葉榕 (黃葛樹)	6	162	5	F	F	F	R	M	Co-dominant branch
T156	<i>Ficus virens</i>	大葉榕 (黃葛樹)	8	270	6	F	F	F	R	M	Root exposed & restricted
T158	<i>Manilkara zapota</i>	人心果	7	108	5	F	F	F	R	M	Co-dominant branch
T160	<i>Ficus virens</i>	大葉榕 (黃葛樹)	5	130	3	P	G	F	T	M	Bending branch, Asymmetric crown
T162	<i>Ficus virens</i>	大葉榕 (黃葛樹)	8	302	6	F	G	F	T	M	Co-dominant branch Root restricted by adjacent fence
T164	<i>Ficus virens</i>	大葉榕 (黃葛樹)	5	150	3	F	G	F	T	M	Co-dominant & bending branch, Root restricted by adjacent fence
T167	<i>Casuarina equisetifolia</i>	木麻黃	16	667	14	F	F	F	F	L	Co-dominant branch, Old pruning wound on bran
T174	<i>Ficus virens</i>	大葉榕 (黃葛樹)	16	308	6	F	F	F	T	L	Co-dominant branch, Included bark Lateral root restricted by uprising planter
T176	<i>Ficus virens</i>	大葉榕 (黃葛樹)	8	220	5	F	F	F	T	M	Root restricted by adjacent parapet wall
T181	<i>Ficus virens</i>	大葉榕 (黃葛樹)	5	250	5	F	F	F	T	M	Crooked & root restricted
T184	<i>Melia azedarach</i>	苦楝	7	230	-	P	F	F	F	M	Crooked trunk, Asymmetric crown
T186	<i>Ficus virens</i>	大葉榕 (黃葛樹)	7	250	3	F	F	F	T	M	Upright stem
T187	<i>Ficus virens</i>	大葉榕 (黃葛樹)	8	360	3	F	F	F	F	M	Root exposed & restricted
T267	<i>Aleurites moluccana</i>	石栗	9	396	6	F	F	F	R	L	Co-dominant branch, Root restricted
T268	<i>Delonix regia</i>	鳳凰木	9	307	6	F	F	F	R	L	Co-dominant branch, Included bark, Root exposed & restricted
T269	<i>Delonix regia</i>	鳳凰木	8	443	9	F	F	G	R	M	Buttress root & restricted
T272	<i>Ficus virens</i>	大葉榕 (黃葛樹)	11	300	15	F	F	F	F	L	Leaning, Co-dominant, Included bark on branch, Old pruning wound on trunk, Root exposed
T273	<i>Ficus virens</i>	大葉榕 (黃葛樹)	11	400	13	F	F	F	F	L	Co-dominant & bending branch, Wound on bending branch, root close to roadside lamp
T274	<i>Ficus virens</i>	大葉榕 (黃葛樹)	11	370	12	F	F	F	F	L	Co-dominant, Wound on branch, Abnormal bark crack, Root exposed
T275	<i>Ficus virens</i>	大葉榕 (黃葛樹)	11	310	10	P	F	F	F	L	Root close to roadside lamp, sparse crown
T278	<i>Ficus virens</i>	大葉榕 (黃葛樹)	9	200	5	F	F	F	F	L	Co-dominant & bending branch, Wound on bending branch, root close to roadside lamp
T280	<i>Ficus virens</i>	大葉榕 (黃葛樹)	11	250	6	F	F	F	F	L	Root restricted by adjacent bench

T282	<i>Ficus virens</i>	大葉榕 (黃葛樹)	11	250	13	F	F	F	F	L	Asymmetric tree form, Co-dominant branch, Root restricted by pavement
T283	<i>Ficus virens</i>	大葉榕 (黃葛樹)	11	400	10	F	F	F	F	L	Wound on lower trunk, Fruiting bodies on tension side of trunk base, root restricted
T289	<i>Elaeis guineensis</i>	油棕	6	360	10	F	G	F	F	M	Co-dominant, Wound on branch, Abnormal bark crack, Root exposed
T292	<i>Macaranga tanarius</i>	血桐	9	200	5	F	F	F	F	L	Co-dominant leader
T293	<i>Macaranga tanarius</i>	血桐	8	150	7	F	F	F	F	L	Balance crown, root restricted by fence
T310	<i>Senna siamea</i>	鐵刀木	14	651	10	F	F	P	R	M	Corba system installed on upper branch by others, sealed wound on lower trunk
T312	<i>Senna siamea</i>	鐵刀木	9	300	10	P	F	P	R	M	Wound on upper branch, Bending branch
T322	<i>Jacaranda mimosifolia</i>	藍花楹	9	130	1.5	F	F	G	F	M	A deciduous tree, co-dominant and bending branch, Sparse crown
T348	<i>Bauhinia x blakeana</i>	洋紫荊	4	200	7	P	F	F	T	M	Crooked trunk, Sealed wound on trunk
T358	<i>Lagerstroemia speciosa</i>	大花紫薇	6	200	3	G	F	G	F	M	Good form, Upright stem
T364	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)	10	436	6	F	F	F	F	M	Crooked trunk, Sealed wound on trunk
T365	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)	10	427	8	F	F	F	F	M	Sealed wound on trunk base, Included bark on trunk, Root restricted
T380	<i>Michelia x alba</i>	白蘭	8	130	2	F	F	G	F	M	Buttress root & restricted
T382	<i>Lagerstroemia speciosa</i>	大花紫薇	6	249	5	F	F	G	R	M	Co-dominant leader, Bending branch
T386	<i>Michelia x alba</i>	白蘭	5	100	3	F	F	G	F	M	Slender tree
T401	<i>Michelia x alba</i>	白蘭	6	170	4	F	F	G	T	M	Upright stem
T407	<i>Acacia auriculiformis</i>	耳果相思(耳葉相思)	12	220	4	P	F	P	R	L	Gall on middle of leaning trunk, sparse crown
T408	<i>Acacia auriculiformis</i>	耳果相思(耳葉相思)	10	310	10	F	F	F	F	L	Crooked trunk, Sealed wound on trunk
T414	<i>Michelia x alba</i>	白蘭	12	150	3	F	F	F	F	M	Crooked trunk, Sealed wound on trunk
T415	<i>Livistona chinensis</i>	蒲葵	6	240	4	F	F	G	R	M	Upright stem
T417	<i>Livistona chinensis</i>	蒲葵	6	205	4	F	F	G	R	M	Fronde conflict with adjacent tree
T418	<i>Livistona chinensis</i>	蒲葵	6	232	4	F	F	G	R	M	Bending upper stem
T419	<i>Dracaena marginata</i>	紅邊鐵樹	3	192	2	F	F	F	R	M	Multiple shoots, Root restricted by planter
T420	<i>Cinnamomum camphora</i>	樟	4	215	3	P	F	P	R	M	Cracked lateral branch & bending
T421	<i>Cinnamomum camphora</i>	樟	8	290	5	F	F	F	R	M	Crooked trunk, Wound on trunk
T427	<i>Lagerstroemia speciosa</i>	大花紫薇	3.5	115	1	P	F	F	F	M	Crooked trunk, wound on trunk
T429	<i>Michelia x alba</i>	白蘭	5	130	3	F	F	G	F	M	Slender tree, bending branch
T447	<i>Bauhinia variegata</i>	宮粉羊蹄甲	6	183	5	F	F	F	T	M	Co-dominant & bending branch
T469	<i>Hibiscus tiliaceus</i>	黃槿	10	349	7	F	F	F	F	M	Co-dominant branch, Multi branch attachment, Root Restricted
T483	<i>Ficus virens</i>	大葉榕 (黃葛樹)	8	200	6	F	F	F	F	M	Root exposed & restricted
T488	<i>Ficus elastica</i>	印度榕(印度橡樹)	10	789	11	P	G	F	F	M	Crooked trunk and massive lignified aerial roots
T490	<i>Ficus microcarpa</i>	細葉榕	9	478	8	F	F	F	T	M	Dense crown, Multiple branch attachment, Root obstructed by adjacent manhole
T491	<i>Erythrina indica 'Picta'</i>	花葉刺桐	6	120	2	F	F	G	F	M	Root restricted by adjacent bench
T493	<i>Acacia confusa</i>	台灣相思	12	628	5	P	F	P	F	L	Asymmetric tree form, Co-dominant branch, Root restricted by pavement
T495	<i>Ravenala madagascariensis</i>	旅人蕉	6	318	4	F	F	G	F	L	Root restricted by adjacent drain
T497	<i>Eucalyptus robusta</i>	大葉桉	9	668	6	F	F	F	F	M	Pruning wound on trunk
T498	<i>Bauhinia x blakeana</i>	洋紫荊	6	200	5	F	F	F	F	M	Slightly crooked trunk, Bark peeling off on upper branch
T504	<i>Delonix regia</i>	鳳凰木	12	260	4	F	F	G	F	M	Co-dominant branch, Cavity wound on bending branch, Root restricted by kerb
T538	<i>Hibiscus tiliaceus</i>	黃槿	11	265	7	P	F	P	R	M	Co-dominant & bending branch, Root restricted
T573	<i>Macaranga tanarius</i>	血桐	6	210	4	F	F	G	T	M	Fronde conflict with adjacent tree
T574	<i>Ficus microcarpa</i>	細葉榕	10	726	13	F	F	G	F	M	Co-dominant branch, Included, Multiple branch, Root restricted
T575	<i>Senna surattensis</i>	黃槐(黃槐決明)	4	156	3	P	F	F	F	M	Co-dominant branch, Included, Multiple branch, Root restricted
T576	<i>Senna surattensis</i>	黃槐(黃槐決明)	5	153	3	F	F	F	T	M	Excessive leaning, Crooked & bending branch, Root restricted
T577	<i>Michelia x alba</i>	白蘭	5	100	3	F	F	G	T	M	Cracked Wound on trunk Root restricted
T578	<i>Ficus virens</i>	大葉榕 (黃葛樹)	6	195	4	F	F	F	T	M	Slender tree
T582	<i>Ficus virens</i>	大葉榕 (黃葛樹)	8	270	6	F	F	F	F	M	Root exposed & restricted
T584	<i>Ficus virens</i>	大葉榕 (黃葛樹)	8	230	5	G	F	G	T	M	Crooked trunk, Root exposed, Restricted by kerb

T589	<i>Livistona chinensis</i>	蒲葵	4	250	4	P	F	F	T	L	Deciduous tree, Crooked trunk, Co-dominant branch
T592	<i>Aleurites moluccana</i>	石栗	9	396	6	F	F	F	T	L	Co-dominant branch, Root restricted
T598	<i>Melaleuca quinquenervia</i>	白千層	12	624	7	G	F	F	F	M	Co-dominant branch, Included bark
T600	<i>Taxodium distichum</i>	落羽杉	13	691	7.5	G	F	F	T	L	Co-dominant branch, Included bark, Crossing branch
T603	<i>Ficus virens</i>	大葉榕 (黃葛樹)	17	830	15	F	F	F	T	L	Multiple and bending branch, Wound on lateral branch
T605	<i>Taxodium distichum</i>	落羽杉	13	490	6	F	F	F	T	L	Co-dominant branch
T618	<i>Archontophoenix alexandrae</i>	假檳榔	6	120	5	F	F	F	T	L	Crooked upper trunk, co-dominant and bending branch
T620	<i>Livistona chinensis</i>	蒲葵	4	118	4	F	F	F	F	L	Co-dominant & bending branch
T624	<i>Delonix regia</i>	鳳凰木	12	260	4	F	F	G	T	M	Co-dominant branch, Cavity wound on bending branch, Root restricted by kerb
T626	<i>Crateva unilocularis</i>	樹頭菜(魚木)	8	263	5	F	F	G	F	M	Slender tree, Crooked trunk
T630	<i>Crateva unilocularis</i>	樹頭菜(魚木)	10	115	8	F	F	G	T	M	Asymmetric tree crown, Restricted by fence
T632	<i>Jacaranda mimosifolia</i>	藍花楹	8	115	4	P	F	F	T	M	Co-dominant branch
T634	<i>Senna surattensis</i>	黃槐(黃槐決明)	4	156	3	P	F	F	F	M	Excessive leaning, Crooked & bending branch, Root restricted
T692	<i>Delonix regia</i>	鳳凰木	7	302	6	F	F	G	F	M	Co-dominant branch, Included bark
T694	<i>Delonix regia</i>	鳳凰木	7	364	6	F	F	G	F	M	Co-dominant branch, Included bark
T699	<i>Senna surattensis</i>	黃槐(黃槐決明)	4	131	2	P	P	F	F	M	Leaning , Crooked trunk
T700	<i>Acacia confusa</i>	台灣相思	4	250	5	F	F	G	F	M	Co-dominant branch
T703	<i>Lagerstroemia speciosa</i>	大花紫薇	6	156	4	G	F	F	F	M	Sparse crown
T705	<i>Lagerstroemia speciosa</i>	大花紫薇	5	120	4	F	F	F	T	M	Co-dominant & bending branch
T1088	<i>Ravenala madagascariensis</i>	旅人蕉	8	220	2	G	F	G	F	M	Fronde in between adjacent tree, Root restricted by kerb
T1089	<i>Livistona chinensis</i>	蒲葵	6	208	4	F	F	G	F	M	Slightly curve stem
T1996	<i>Plumeria rubra</i>	雞蛋花	3	96	3	F	F	F	F	M	Leaning, Minor uprooted , Co-dominant branch
T1998	<i>Hibiscus tiliaceus</i>	黃槿	9	250	6	P	F	P	R	M	Leaning, Minor uprooted , Co-dominant branch



- NOTES:**
1. ALL LEVELS SHOWN ARE IN METRES REFER TO HONG KONG PRINCIPAL DATUM (HKMPD) UNLESS OTHERWISE STATED.
 2. GRID LINES ARE IN H.K. METRIC GRID 1980.
 3. DECIMAL POINT OF SPOT HEIGHT IS THE SURVEYED POSITION OF SURVEYED POINT.

- LEGEND :**
- EP BOUNDARY
 - T400 FINAL LOCATION OF TRANSPLANT TREES
 - T310 COMPENSATORY RETAINED TREES
 - T270 EXISTING TREES

AS-BUILT COMPENSATORY SCHEDULE OUTSIDE SITE BOUNDARY

TREE NO.	BOTANICAL NAME	CHINESE NAME	TYPE
T154	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD
T155	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD
T156	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD
T170	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T210	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T267	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T268	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T269	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T310	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T312	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T350	PELTOPHORUM PTEROCARPUM	雙翼豆	HEAVY STANDARD
T382	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD
T407	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T525	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T538	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T709	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	STANDARD
T710	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	STANDARD
R1012	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
CS14	FICUS MICROCARPA	細葉榕	HEAVY STANDARD
NT7	GREVILLEA ROBUSTA	銀樺	HEAVY STANDARD
NT95	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
NT118	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
NT143	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD

AS-BUILT COMPENSATORY SCHEDULE INSIDE SITE BOUNDARY

CODE	BOTANICAL NAME	CHINESE NAME	TYPE	HEIGHT(mm) x SPREAD (mm)	SPACING (mm)	QUANTITY	REMARK
AA(STD)	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	STANDARD	2750 x 1500	AS SHOWN	8	
AA	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	HEAVY STANDARD	4500 x 2500	3000	3	
BB	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD	3500 x 2500	5000	4	
BV	BAUHINIA VARIEGATA	宮粉羊蹄甲	HEAVY STANDARD	3500 x 2500	5000	11	
EA(STD)	ELAEOCARPUS APICULATUS	尖葉杜英	STANDARD	2750 x 1500	AS SHOWN	4	
GS	GARCINIA SUBELLIPTICA	華島福木	-	2000 x 800-1000	1300	67	
LS(STD)	LAGERSTROEMIA SPECIOSA	大花紫薇	STANDARD	2750 x 1500	AS SHOWN	10	
MG	MAGNOLIA GRANDIFLORA	荷花玉蘭	HEAVY STANDARD	3500 x 2500	5000	8	
PR(STD)	PLUMERIA RUBRA	雞蛋花	STANDARD	2750 x 1500	AS SHOWN	3	
PR	PLUMERIA RUBRA	雞蛋花	HEAVY STANDARD	3500 x 2500	AS SHOWN	4	
SA(STD)	SCHEFFLERA ACTINOPHYLLA	傘樹	STANDARD	2750 x 1500	AS SHOWN	8	
SC	SPATHODEA CAMPANULATA	火焰木	HEAVY STANDARD	3500 x 2500	AS SHOWN	3	
TC	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD	3500 x 2500	5000	7	

路政署
Highways Department
主要工程管理處
Major Works Project Management Office

CENTRAL - WAN CHAI BYPASS - TUNNEL
(SLIP ROAD 8 SECTION)

TITLE AS-BUILT RECORD SURVEY PLAN
OF TREE PLANTING
AT VICTORIA PARK

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

AECOM

DRG. NO. CDD SR08 1961C
圖紙編號

CONTRACT NO. HY/2010/08
合約編號

DATE OF ISSUE 19 Nov, 2020
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SCALE 1:600
比例

STATUS RECORD
階段

DIMENSIONS ARE IN METRES
單位尺寸

PAPER SIZE A0
圖紙尺寸

SHEET 1 OF 1

Your Ref. :
 Our Ref. : CWB/(HY/2010/08)/C30/940/03/08B012403

27 August 2018

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

Attn.: Mr. Thomas Lui

Dear Sir,

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

CHINA STATE CONSTRUCTION ENGINEERING (H.K.) LTD	
HY/2010/08 FILE	
	ACT COPY SIGN
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SCM	
CM(SR8)	
CM(TS3)	
CM(M)	
DCM(SR8)	
DCM(TS3)	
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LANDSCAPE	
PLANNING	
DESIGN	
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CM/M	
POS	
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ADMIN/CLO	

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31 AUG 2018
 BY: I. 14503

Re: Joint Site Inspection for the 39 No. Interface Trees to be taken over from HY/2010/08 Contractor's Holding Nursery near Lau Fau Shan to HY/2009/19 Contractor's Holding Nursery located at Pat Heung

I refer to the joint site inspection among representatives from HY/2009/19 [CCMJV and Toyo (*landscape sub-contractor*)], HY/2010/08 [CSHK and Yee Sun Garden (YSG) (*landscape sub-contractor*)]; and AECOM / RSS on 24 August 2018 at HY/2010/08's holding nursery near Lau Fau Shan regarding the thirty nine no. interface trees between HY/2009/19 and HY/2010/08.

I would record the following salient points:

- i. Copies of a tree table listing the general information of the concerned 39 no. trees as well as indicating which trees (i.e. T233, T568, T702 and T705) required to be replaced by CSHK had been provided to all attendees during the inspection by RSS.
- ii. It was agreed that 35 out of 39 no. trees currently being maintained in HY/2010/08's holding nursery are in good condition.
- iii. Another 4 out of 39 no. trees identified as dead / damaged held in HY/2010/08's holding nursery are required to be replaced by new trees of the same species by CSHK. As agreed by CSHK, the replacement planting should be provided and completed by **15 September 2018** to the Engineer's satisfaction in accordance with G.S. 3.97(3). CSHK was urged to provide a detailed arrangement of this replacement planting and coordinate with the relevant parties.
- iv. For the above replacement planting, if the new trees could not be arranged to be provided at HY/2010/08's holding nursery for CCMJV's collection, CSHK should liaise with CCMJV for a particular arrangement as YSG would directly deliver the new trees to HY/2009/19's holding nursery for all parties' examination. If the new trees are found to be satisfactory, CCMJV would take over these trees and Toyo would carry out planting of these new trees in the designated areas of HY/2009/19's holding nursery.
- v. CSHK were informed that CCMJV would carry out the tree transplanting works for the aforementioned trees in accordance with the Contract requirements of HY/2009/19. The mentioned tree transplanting works include taking up the aforementioned trees from HY/2010/08's holding nursery, transporting and replanting them at HY/2009/19's holding nursery. Once CCMJV have commenced the works in HY/2010/08's holding nursery for such interface trees, CCMJV would take up the maintenance responsibility of these trees and CSHK would no longer be responsible for such trees.

Your Ref. :
Our Ref. : CWB/(HY/2010/08)/C30/940/03/08B012403

27 August 2018

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

Attn.: Mr. Thomas Lui

Dear Sir,

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

Re: Joint Site Inspection for the 39 No. Interface Trees to be taken over from HY/2010/08 Contractor's Holding Nursery near Lau Fau Shan to HY/2009/19 Contractor's Holding Nursery located at Pat Heung

I refer to the joint site inspection among representatives from HY/2009/19 [CCMJV and Toyo (*landscape sub-contractor*)], HY/2010/08 [CSHK and Yee Sun Garden (YSG) (*landscape sub-contractor*)]; and AECOM / RSS on 24 August 2018 at HY/2010/08's holding nursery near Lau Fau Shan regarding the thirty nine no. interface trees between HY/2009/19 and HY/2010/08.

I would record the following salient points:

- i. Copies of a tree table listing the general information of the concerned 39 no. trees as well as indicating which trees (i.e. T233, T568, T702 and T705) required to be replaced by CSHK had been provided to all attendees during the inspection by RSS.
- ii. It was agreed that 35 out of 39 no. trees currently being maintained in HY/2010/08's holding nursery are in good condition.
- iii. Another 4 out of 39 no. trees identified as dead / damaged held in HY/2010/08's holding nursery are required to be replaced by new trees of the same species by CSHK. As agreed by CSHK, the replacement planting should be provided and completed by **15 September 2018** to the Engineer's satisfaction in accordance with G.S. 3.97(3). CSHK was urged to provide a detailed arrangement of this replacement planting and coordinate with the relevant parties.
- iv. For the above replacement planting, if the new trees could not be arranged to be provided at HY/2010/08's holding nursery for CCMJV's collection, CSHK should liaise with CCMJV for a particular arrangement as YSG would directly deliver the new trees to HY/2009/19's holding nursery for all parties' examination. If the new trees are found to be satisfactory, CCMJV would take over these trees and Toyo would carry out planting of these new trees in the designated areas of HY/2009/19's holding nursery.
- v. CSHK were informed that CCMJV would carry out the tree transplanting works for the aforementioned trees in accordance with the Contract requirements of HY/2009/19. The mentioned tree transplanting works include taking up the aforementioned trees from HY/2010/08's holding nursery, transporting and replanting them at HY/2009/19's holding nursery. Once CCMJV have commenced the works in HY/2010/08's holding nursery for such interface trees, CCMJV would take up the maintenance responsibility of these trees and CSHK would no longer be responsible for such trees.

RECEIVED
31 AUG 2018
BY: I. 14503

Your Ref. :
Our Ref. : CWB/(HY/2010/08)/C30/940/03/08B012403

Page 2

- vi. YSG agreed to allow site access for facilitating the tree transplanting works to be carried out by CCMJV and their sub-contractor Toyo in HY/2010/08's holding nursery.
- vii. CCMJV agreed to promptly submit the necessary information, including a detailed programme and a comprehensive method statement for tree transplanting of these interface trees, to the Engineer of HY/2009/19 for approval.
- viii. CCMJV agreed that updated information of tree dimensions for all interface trees (such as tree spread, tree height and DBH) would be properly recorded. During the transplanting works, Toyo would carry out the site measurement when the trees are horizontally laid down before loading to the lorry under RSS's supervision.
- ix. RSS stated that the transplanting works for these 39 trees was a matter of urgency with the aim of completion before 15 September 2018 for facilitating the return of the HY/2010/08's holding nursery land back to the landowners. CCMJV indicated their understanding of the situation and willingness to arrange with their sub-contractor Toyo in carrying out the transplanting works so as to achieve the above target date. Notwithstanding the high degree of cooperation provided by CCMJV and Toyo, all parties were aware that the transplanting works could be affected by any inclement weather during the time of transplanting works thus the completion of works might not meet the target date. YSG, if necessary, agreed to discuss with the landowners over the possibility of a further extension to the clearance date for giving vacant possession. However as there was no guarantee as to the reaction of the landowners on receiving such a request all parties realized this concern and would aim for the transplanting works to meet the target date.
- x. CCMJV agreed to closely coordinate with CSHK and provide sufficient notification (at least 1 day's notice in advance) to CSHK and RSS before the commencement of the tree transplanting works.
[Post Meeting Note: CCMJV subsequently confirmed the commencement of the tree transplanting works would start on 28 August 2018]

A complete set of photographic records taken on 24 August 2018 and the mentioned tree table are attached for information and record purposes.

Yours faithfully,
For and on behalf of
AECOM Asia Co. Ltd.

Denis Norton
Engineer's Representative

Encl.

c.c. CRE/CWB (HY/2009/19) - Attn.: Mr. S. K. Lo
e.c. AECOM - Attn.: Mr. Raymond Pau

DAN/TS/YN/EC/MYL/gw

Photo record on 24 Aug 2018



Tree no. T133



Tree no. T163



Tree no. T178



Tree no. T180

Photo record on 24 Aug 2018



Tree no. T183



Tree no. T249



Tree no. T256



Tree no. T291



Tree no. T362



Tree no. T363



Tree no. T367



Tree no. T368

Photo record on 24 Aug 2018



Tree no. T393



Tree no. T430



Tree no. T437



Tree no. T438

Photo record on 24 Aug 2018



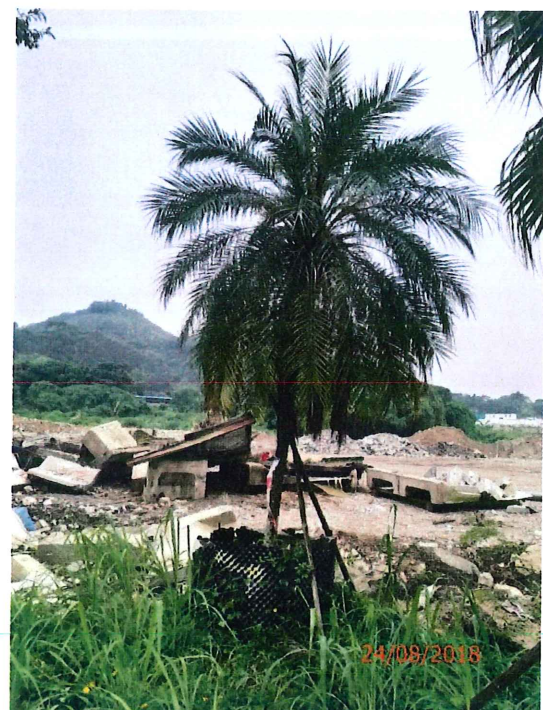
Tree no. T448



Tree no. T455



Tree no. T472



Tree no. T476

Photo record on 24 Aug 2018



Tree no. T486



Tree no. T496



Tree no. T502



Tree no. T503

Photo record on 24 Aug 2018



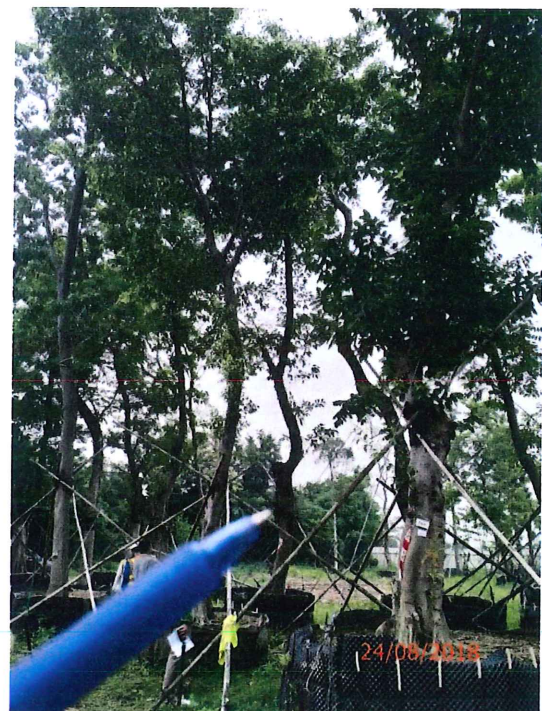
Tree no. T569



Tree no. T607



Tree no. T608



Tree no. T609

Photo record on 24 Aug 2018



Tree no. T612



Tree no. T613



Tree no. T614



Tree no. T615

Photo record on 24 Aug 2018



Tree no. T687



Tree no. T689



Tree no. T1091

This Table provided to all parties during the Joint Site Inspection on 24 August 2018

Central - Wan Chai Bypass

Interface tree transplanting between HY/2010/08 and HY/2009/19

updated on: 22-Aug-2018

From Contract No: HY/2010/08 (T2) to HY/2009/19 (C19) by C19 Contractor take over			
Tree no.	Tree species (Botanical name)	Chinese Common Name	Remarks
T133	<i>Crateva unilocularis</i>	樹頭菜	-
T163	<i>Ficus virens var. sublanceolata</i>	大葉榕	-
T178	<i>Ficus virens var. sublanceolata</i>	大葉榕	-
T180	<i>Ficus virens var. sublanceolata</i>	大葉榕	-
T183	<i>Ficus virens var. sublanceolata</i>	大葉榕	-
T233	<i>Aleurites moluccana</i>	石栗	to be replaced
T249	<i>Delonix regia</i>	鳳凰木	-
T256	<i>Ficus virens var. sublanceolata</i>	大葉榕	-
T291	<i>Celtis sinensis</i>	朴樹	-
T362	<i>Aleurites moluccana</i>	石栗	-
T363	<i>Aleurites moluccana</i>	石栗	-
T367	<i>Aleurites moluccana</i>	石栗	-
T368	<i>Delonix regia</i>	鳳凰木	-
T393	<i>Khaya senegalensis</i>	非洲楝	-
T430	<i>Delonix regia</i>	鳳凰木	-
T437	<i>Delonix regia</i>	鳳凰木	-
T438	<i>Delonix regia</i>	鳳凰木	-
T448	<i>Delonix regia</i>	鳳凰木	-
T455	<i>Delonix regia</i>	鳳凰木	-
T472	<i>Jacaranda mimosifolia</i>	藍花楹	-
T476	<i>Phoenix roebelenii</i>	日本葵	-
T486	<i>Crateva unilocularis</i>	樹頭菜	-
T496	<i>Aleurites moluccana</i>	石栗	-
T502	<i>Crateva unilocularis</i>	樹頭菜	-
T503	<i>Crateva unilocularis</i>	樹頭菜	-
T568	<i>Delonix regia</i>	鳳凰木	to be replaced
T569	<i>Delonix regia</i>	鳳凰木	-
T607	<i>Ficus virens var. sublanceolata</i>	大葉榕	-
T608	<i>Ficus virens var. sublanceolata</i>	大葉榕	-
T609	<i>Ficus virens var. sublanceolata</i>	大葉榕	-
T612	<i>Ficus virens var. sublanceolata</i>	大葉榕	-
T613	<i>Ficus virens var. sublanceolata</i>	大葉榕	-
T614	<i>Ficus virens var. sublanceolata</i>	大葉榕	-
T615	<i>Ficus virens var. sublanceolata</i>	大葉榕	-
T687	<i>Delonix regia</i>	鳳凰木	-
T689	<i>Euphorbia antiquorum</i>	火殃勒	-
T702	<i>Hibiscus tiliaceus</i>	黃槿	felled and to be replaced
T705	<i>Hibiscus tiliaceus</i>	黃槿	felled and to be replaced
T1091	<i>Ficus virens var. sublanceolata</i>	大葉榕	-



Yee Sun Garden Ltd.

怡生花園
有限公司

Our Ref.: YS/CSCE/HY201008/LT/jl/16/311

14 December 2016

By Hand

China State Construction Engineering (Hong Kong) Ltd.
111 Hing Fat Street,
Causeway Bay,
Hong Kong

RECEIVED
15 DEC 2016
BY: J010684

Attn: Mr. Chris Leung

Dear Sir,

Contract No. HY/2010/08
Central – Wan Chai Bypass – Tunnel (Slip Road 8 Section)
Proposed Tree Transplanting Preparation Works Sequence at Seafront
Collection of Trees by Contract No. HY/2009/19

We refer to our letter of 27 September 2016 with regard to the captioned. It is understood that you have not received any feedback from the contractor of Contract No. HY/2009/19 as they have indicated that they were not aware that they have to collect the 39 nos. of trees from us for replanting under their contract.

We are surprised to hear that as on 23 May 2016, the contractor has approached our office to provide them a quotation for keeping the trees in the nursery and for transporting them from the nursery to their site. Please refer to enclosed copy of the request received from them for your reference.

As our liability for those trees had expired in November, we shall not be responsible for the health and condition of the trees shall anything happen to them. Please let us know when would the trees be removed from the nursery by end of this month.

Should you have any queries, please do not hesitate to contact us on 2885-1855.

Sincerely yours,
YEE SUN GARDEN LIMITED

Janice Lai
Project Manager

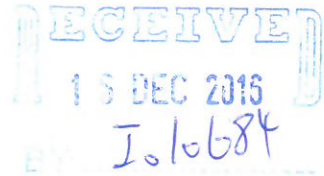
Encl.
JL/jl

CHINA STATE CONSTRUCTION ENGINEERING (H.K.) LTD			
HY/2010/08 FILE			
	ACT	COPY	SIGN
PD			
SM			
SA			JS
SCM			
CM(ESS)			
CM(TSO)			
CM(M)			
DCM(SRE)			
DCM(TSE)			
DCM(Q)			
LANDSCAPE			
PLANNING			
DESIGN			
TIA&D			
CM(M)			
POS			
SURVEY			
SAFETY			
ENV			
QA			
ADMIN/CLC			





Yee Sun Garden Ltd.



怡生花園
有限公司

Our Ref.: YS/CSCE/HY201008/LT/jl/16/311

14 December 2016

By Hand

China State Construction Engineering (Hong Kong) Ltd.
111 Hing Fat Street,
Causeway Bay,
Hong Kong

Attn: Mr. Chris Leung

Dear Sir,

Contract No. HY/2010/08
Central – Wan Chai Bypass – Tunnel (Slip Road 8 Section)
Proposed Tree Transplanting Preparation Works Sequence at Seafront
Collection of Trees by Contract No. HY/2009/19

We refer to our letter of 27 September 2016 with regard to the captioned. It is understood that you have not received any feedback from the contractor of Contract No. HY/2009/19 as they have indicated that they were not aware that they have to collect the 39 nos. of trees from us for replanting under their contract.

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Should you have any queries, please do not hesitate to contact us on 2885-1855.

Sincerely yours,
YEE SUN GARDEN LIMITED

Janice Lai
Project Manager

Encl.
JL/jl

Mini Chan

寄件者: "Melody" <melody@yeesun.com.hk>
日期: 2016年5月24日 10:18
收件者: "eduardo" <eduardo@yeesun.com.hk>; "Janice Lai" <janicelai@yeesun.com.hk>; "Amy Lai(YS)" <amylai@yeesun.com.hk>; "TO TO" <tochehoo@yeesun.com.hk>
附加檔案: Appendix B.PDF
主旨: HY/2010/08 Victoria Park - Request Quotation for tree storage in nursery site

From: Anthony To
Sent: Tuesday, May 24, 2016 8:47 AM
To: melody@yeesun.com.hk
Cc: Edmond Hui (CW) ; George Lee (CW)
Subject: FW: Quotation for tree storage in nursery site

Dear Melody,

Please ignore the Appendix "A" in the previous email, price the information of Appendix "B" only.

Thanks

Anthony

From: Anthony To
Sent: Monday, May 23, 2016 5:26 PM
To: 'melody@yeesun.com.hk'
Cc: Edmond Hui (CW); George Lee (CW)
Subject: Quotation for tree storage in nursery site

Dear Melody,

As per our telephone conversation,

Please provide the quotation of the followings,

1. Monthly fee for keeping the tree in the nursery site.(around 2 years)
2. The Transportation fee for the trees move from Yee Sun nursery site to Ramsey Street.

Regards,

Anthony To
QS Department
Chun Wo – CRGL – MBEC Joint Venture
Direct: (852) 3758 6891

承諾互信，共建未來
Building a better future with trust and commitment

Central - Wan Chai Bypass
Interface tree transplanting between T2 & C19

Updated on : 18-3-2016

From Contract No: HY/2010/08 (T2) to HY/2009/19 (C19) by C19 Contractor take over				
Tree No.	Tree Species	Chinese Name	Remarks	Note No.
T133	<i>Crateva unilocularis</i>	樹頭菜		
T163	<i>Ficus virens var. sublanceolata</i>	大葉榕		
T178	<i>Ficus virens var. sublanceolata</i>	大葉榕		
T180	<i>Ficus virens var. sublanceolata</i>	大葉榕		
T183	<i>Ficus virens var. sublanceolata</i>	大葉榕		
T233	<i>Aleurites moluccana</i>	石栗	Not include in tree schedule & without final location in C19 drawing	4
T249	<i>Delonix regia</i>	鳳凰木		
T256	<i>Ficus virens var. sublanceolata</i>	大葉榕		
T291	<i>Celtis sinensis</i>	朴樹	No final location in C19 Drawing	3
T355	<i>Bauhinia variegata</i>	宮粉羊蹄甲	Missing before site possession Not include in tree schedule & without final location in C19 drawing	2 & 4
T362	<i>Aleurites moluccana</i>	石栗		
T363	<i>Aleurites moluccana</i>	石栗		
T367	<i>Aleurites moluccana</i>	石栗		
T368	<i>Delonix regia</i>	鳳凰木		
T393	<i>Khaya senegalensis</i>	非洲楝	Not Include in tree schedule & without final location in C19 drawing	4
T430	<i>Delonix regia</i>	鳳凰木		
T437	<i>Delonix regia</i>	鳳凰木		
T438	<i>Delonix regia</i>	鳳凰木		
T448	<i>Delonix regia</i>	鳳凰木		
T455	<i>Delonix regia</i>	鳳凰木		
T472	<i>Jacaranda mimosifolia</i>	藍花楹		
T476	<i>Phoenix roebelenii</i>	日本葵		
T486	<i>Crateva unilocularis</i>	樹頭菜		
T487	<i>Ficus elastica</i>	印度榕	Tree directly transplanted within Victoria Park by Contract HY/2010/08	1
T496	<i>Aleurites moluccana</i>	石栗		
T502	<i>Crateva unilocularis</i>	樹頭菜		
T503	<i>Crateva unilocularis</i>	樹頭菜		
T568	<i>Delonix regia</i>	鳳凰木		
T569	<i>Delonix regia</i>	鳳凰木		
T607	<i>Ficus virens var. sublanceolata</i>	大葉榕		
T608	<i>Ficus virens var. sublanceolata</i>	大葉榕		
T609	<i>Ficus virens var. sublanceolata</i>	大葉榕		
T612	<i>Ficus virens var. sublanceolata</i>	大葉榕		
T613	<i>Ficus virens var. sublanceolata</i>	大葉榕		
T614	<i>Ficus virens var. sublanceolata</i>	大葉榕		
T615	<i>Ficus virens var. sublanceolata</i>	大葉榕		
T687	<i>Delonix regia</i>	鳳凰木		
T689	<i>Euphorbia antiquorum</i>	火殃勒		
T696	<i>Hibiscus tiliaceus</i>	黃槿	Missing before site possession & Not include in tree schedule & without final location in C19 drawing	2 & 4
T702	<i>Hibiscus tiliaceus</i>	黃槿		
T705	<i>Hibiscus tiliaceus</i>	黃槿		
T1079	<i>Hyophorbe lagenicaulis</i>	酒瓶椰子	Tree directly transplanted within Victoria Park by Contract HY/2010/08	1
T1085	<i>Hyophorbe lagenicaulis</i>	酒瓶椰子		
T1091	<i>Ficus virens var. sublanceolata</i>	大葉榕	No final location in C19 Drawing	3
T1990	<i>Plumeria rubra</i>	雞蛋花	Tree directly transplanted within Victoria Park by Contract HY/2010/08	
T1992	<i>Plumeria rubra</i>	雞蛋花	T 1990 & T1992 No final location in C19 Drawing	1 & 3

Summary:
Total 46 nos. of tree to be taken over by C19 from T2 holding nursery under the Contract of T2
Note 1: 5 nos. of tree directly transplanted within Victoria Park by Contract HY/2010/08.
Note 2: 2 nos. of tree were missing before site possession
Note 3: (4 no. of tree without final location in C19 drawing)
Note 4: (4 no. of tree - T233, T355, T393 & T696 did not include in tree schedule & without final location in C19 drawing)
39 nos. of tree (46 - Note 1 & 2 = 39) can be taken over by C19 from T2 holding nursery



Yee Sun Garden Ltd.

怡
生
花
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有
限
公
司

Our Ref.: YS/CSCE/HY201008/LT/jl/16/300

27 September 2016

By Hand & via e-mail

China State Construction Engineering (Hong Kong) Ltd.

111 Hing Fat Street,
Causeway Bay,
Hong Kong

RECEIVED
- 3 OCT 2016
BY: Tolootl

Attn: Mr. Chris Leung

Dear Sir,

Contract No. HY/2010/08

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

Proposed Tree Transplanting Preparation Works Sequence at Seafront

Collection of Trees by Contract No. HY/2009/19

According to the Particular Specification Preamble of the Contract, all the transplant trees should be replanted back to their permanent location by 20th November 2016. Please be informed that there are 39 nos. of trees (see attached tree schedule) currently stored and maintained at the holding nursery need to be collected by the contractor of Contract No. HY/2009/19. Please remind the relevant party to do so by the deadline as we would not be able to store and maintain the concerned trees after 20th November 2016.

Should you have any queries, please do not hesitate to contact us on 2885-1855.

Sincerely yours,
YEE SUN GARDEN LIMITED

Janice Lai
Project Manager

JL/jl

List of Trees to be Handover to HY/2009/19 from HY/2010/08

Tree No.	Tree Specie	Chinese Name
T133	Crateva unilocularis	樹頭菜(魚木)
T163	Ficus virens	大葉榕(黃葛樹)
T178	Ficus virens	大葉榕(黃葛樹)
T180	Ficus virens	大葉榕(黃葛樹)
T183	Ficus virens	大葉榕(黃葛樹)
T233	Aleurites moluccana	石栗
T249	Delonix regia	鳳凰木
T256	Ficus virens	大葉榕(黃葛樹)
T291	Celtis sinensis	朴樹
T362	Aleurites moluccana	石栗
T363	Aleurites moluccana	石栗
T367	Aleurites moluccana	石栗
T368	Delonix regia	鳳凰木
T393	Khaya senegalensis	非洲楝
T430	Delonix regia	鳳凰木
T437	Delonix regia	鳳凰木
T438	Delonix regia	鳳凰木
T448	Delonix regia	鳳凰木
T455	Delonix regia	鳳凰木
T472	Jacaranda mimosifolia	藍花楹
T476	Phoenix roebelenii	日本葵(軟葉刺葵)
T486	Crateva unilocularis	樹頭菜(魚木)
T496	Aleurites moluccana	石栗
T502	Crateva unilocularis	樹頭菜(魚木)
T503	Crateva unilocularis	樹頭菜(魚木)
T568	Delonix regia	鳳凰木
T569	Delonix regia	鳳凰木
T607	Ficus virens	大葉榕(黃葛樹)
T608	Ficus virens	大葉榕(黃葛樹)
T609	Ficus virens	大葉榕(黃葛樹)
T612	Ficus virens	大葉榕(黃葛樹)
T613	Ficus virens	大葉榕(黃葛樹)
T614	Ficus virens	大葉榕(黃葛樹)
T615	Ficus virens	大葉榕(黃葛樹)
T687	Delonix regia	鳳凰木
T689	Euphobia antiquorum	火殃勒
T702	Hibiscus tiliaceus	黃槿
T705	Hibiscus tiliaceus	黃槿
T1091	Ficus virens	大葉榕(黃葛樹)

Total

39 Nos.

Appendix C1
Letters for Tree No. T490



AECOM
8/F, Grand Central Plaza, Tower 2,
138 Shatin Rural Committee Road,
Shatin, Hong Kong
香港新界沙田鄉事會路 138 號
新城市中央廣場第 2 座 8 樓
www.aecom.com

Engineer's Representative's Office
25 Hung Hing Road,
Causeway Bay, Hong Kong
香港銅鑼灣咸魚道 25 號
+852 3912 3000 tel
+852 3912 3010 fax

Your Ref :
Our Ref. : CWB/(HY/2010/08)/C30/940/08B000208

15 May 2013

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

Attn.: Mr. Dave Chan

Dear Sir,

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

Referrals of Potential Hazardous Tree

I write further to my previous letter (Ref. 08B000191) dated 10 May 2013 concerning a potential hazardous tree (Tree No. 490) referred from the Tree Management Office.

Subsequent to the discussion with the Victoria Park Management Office (VPMO) on 14 May 2013, I confirm that after an inspection by your arborist, felling of this tree is urgently required. As advised, you would mobilize to fell the tree within one week. Detailed arrangements in connection with the access for plant, securing the area during tree felling and a time schedule (after 10:00am on weekdays) have been discussed. Please inform VPMO one day in advance for the felling works.

Please provide a method statement and risk assessment for felling and removal of the tree.

Yours faithfully,
For and on behalf of
AECOM Asia Co. Ltd.

Denis Norton
Engineer's Representative

c.c. AECOM - Attn.: Mr. Conrad Ng

DAN/TH/gw

RECEIVED
16 MAY 2013
BY: Ioco297



AECOM
8/F, Grand Central Plaza, Tower 2,
138 Shatin Rural Committee Road,
Shatin, Hong Kong
香港新界沙田鄉事會路 138 號
新城市中央廣場第 2 座 8 樓
www.aecom.com

Engineer's Representative's Office
25 Hung Hing Road,
Causeway Bay, Hong Kong
香港銅鑼灣鴻興道 25 號
+852 3912 3000 tel
+852 3912 3010 fax

Our Ref. : CWB/(HY/2010/08)/C30/940/08B000191

10 May 2013

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

Attn.: Mr. Dave Chan

RECEIVED
13 MAY 2013

BY: Lo0027f

Dear Sir,

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

Referrals of Potential Hazardous Trees

I enclose a referral from the Tree Management Office regarding a potentially hazardous tree, (Tree No. 490) which falls within the site boundary in Victoria Park.

Please report the status of this tree and advise your course of action prior to felling as a matter of urgency as action needs to be taken if you had not planned to fell this tree in the near future.

Yours faithfully,
For and on behalf of
AECOM Asia Co. Ltd.

Denis Norton
Engineer's Representative

Encl.

DAN/TS/TJ/gw

Tree No. T490

Eucalyptus robusta (Fell)

Overall height (m)	Trunk diameter (DBH - mm)	Average crown spread (m)
14	680	7



Fig. 1 Overview



Fig. 2 trunk decay



Fig. 3 trunk decay



Fig. 4 a large cavity sealed by cement

Remarks: Termite was found before; a large cavity was sealed by cement and wound healing was hindered; serious trunk decay.

The tree is recommended to be felled.

TREE MANAGEMENT OFFICE CASE INVESTIGATION AND AUDIT INSPECTION
樹木管理辦事處個案調查及覆核檢查

REFERRAL OF POTENTIAL HAZARDOUS TREES
潛在危險樹木轉介

REFERRAL	<u>9 / 5 / 2013</u>		
From	Tree Management Office (TMO), Development Bureau	To	LCSD
TMO ref.	LCSD-E-111-LT	Attn.	Ms. LEE Fung Ming, Winnie
Contact	3509 7379	Post	Ch Leisure Mgr (HKE)
Email	pt@devb.gov.hk	Email	Winnie FM LEE/LCSD/HKSARG

We have identified some potential hazardous trees under your management in our recent inspections. Please take immediate remedial actions and report actions taken/completion of actions to pt@devb.gov.hk within 10 working days from the date of referral.

CROSS REFERRAL	____ / ____ / ____		
<i>If the tree(s) in this referral is not under the management of your department, please refer this form to the subject management department <u>within 5 working days</u> from the date of referral and report to pt@devb.gov.hk.</i>			
From		To	
Contact		Attn	
Email		Email	

INSPECTION	(Date of Identifying Tree Problem : <u>8 / 5 / 2013</u>)
Inspection Officer	Mr. Leo Tai, TMO7 Mr. S W Sek, FdO(TM)
Location	Victoria Park
District	Eastern

No.	Tree Species	Nearest Lamp Post	General Condition ¹	Crown Condition ²	Branch Condition ³	Trunk Condition ⁴	Root Condition ⁵	Other Conditions
1	<i>Eucalyptus robusta</i> 大葉桉	48718				✓		Serious decay at trunk

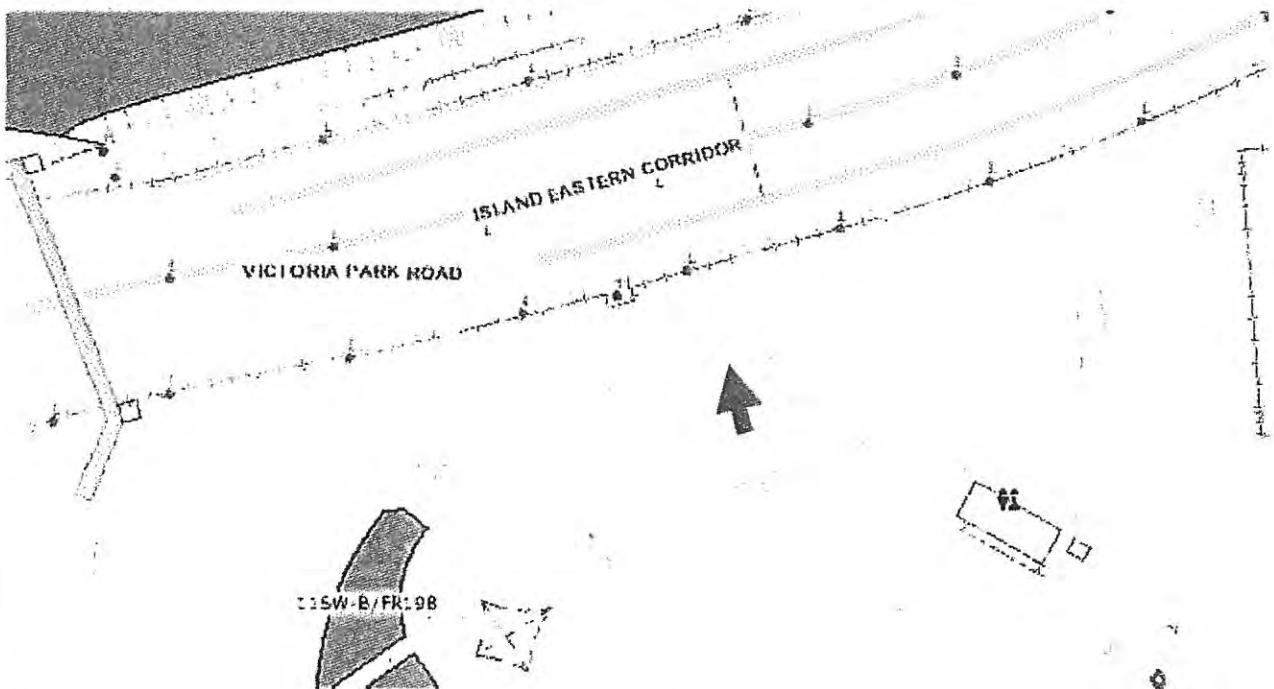
Note: 1, 2, 3, 4, 5 Please refer to the "Pictorial Guide for Tree Maintenance to Reduce Tree Risks" at <http://www.greening.gov.hk/tc/index.html>.

PHOTO REFERENCE

Please note that these referrals are advisory only. Detailed site visit or specialist advice may be required to determine the appropriate scope of remedial tree work and monitoring work.



LOCATION PLAN



**Appendix C2
Emails for Tree no. T626**

Victor Lee

寄件者: Victor Lee [kitsau_lee@cohl.com]
寄件日期: 2013年5月30日星期四 13:41
收件者: kitsau_lee@cohl.com
主旨: FW: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

From: Terry Siu [<mailto:Terry.Siu@cwbaecom.com>]
Sent: Tuesday, May 21, 2013 6:34 PM
To: otto_lee@cohl.com; Ho Shui Tim
Cc: Denis Norton; Ken Tin; 'David Bloxham'; samuel_wu@cohl.com; 'Simon Leung'; eric_kwok@cohl.com; chriskwleung@cohl.com; Dave Chan; Eric Wong
Subject: Re: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear Otto,

We discussed earlier. Since these two trees are marked 'Fell' in the Contract and VP expressed no objection to the tree felling scheduled for tomorrow at the joint site walk this morning, please proceed the works tomorrow

Regards,

Terry
Sent from my BlackBerry® smartphone
www.blackberry.com

From: Otto Lee <otto_lee@cohl.com>
Date: Tue, 21 May 2013 17:36:57 +0800
To: Terry Siu<Terry.Siu@cwbaecom.com>; Ho Shui Tim<st.ho@cwbaecom.com>
ReplyTo: "otto_lee@cohl.com" <otto_lee@cohl.com>
Cc: Denis Norton<Denis.Norton@cwbaecom.com>; Ken Tin<ken.tin@cwbaecom.com>; 'David Bloxham'<david_bloxham@cohl.com>; samuel_wu@cohl.com<samuel_wu@cohl.com>; 'Simon Leung'<kitsze_leung@cohl.com>; eric_kwok@cohl.com<eric_kwok@cohl.com>; chriskwleung@cohl.com<chriskwleung@cohl.com>; Dave Chan<davechan@cohl.com>; Eric Wong<Eric.Wong@cwbaecom.com>
Subject: FW: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear Terry and Tim,

Please advise us if we should stop the works in concern unless and until the following concerns raised by your Ernest and Mr. Alan Li have been clarified. We have no clues at all whether the trees to be felled have been approved by LCSD or relevant government authorities / parties before the start of this Project. Your advice is urgently needed.

If we do not hear from you on or before 6:00p.m. today, we will have no other alternatives but to call off the operation as planned.

Many thanks in advance.

Regards,
Otto LEE
Central - Wan Chai Bypass - Tunnel (Slip Road 8 Section)
Construction Manager

Bar Code No.:

08A000081

C30/P40

Fion Poon

From: Ho Shui Tim
Sent: 2013年4月9日 星期二 14:04
To: Fion Poon
Cc: Terry Siu; Denis Norton; Doris Tao; Ken Tin
Subject: FW: HY/2010/08 - Tree Felling and Transplant Supplementary Proposal

- 9 APR 2013

Fion,
Please file a copy in C30/940.
Tim

From: e5cwb.mw@hyd.gov.hk [mailto:e5cwb.mw@hyd.gov.hk]
Sent: Tuesday, April 09, 2013 12:16 PM
To: Denis Norton; Terry Siu; Ken Shum; Ho Shui Tim
Cc: Lai Kwok Chung - Highways; Leung Pak Chuen - Highways; Doris Tao; Ken Tin; Tse Suk Yin; Raymond Pau - AECOM Design Office
Subject: Fw: HY/2010/08 - Tree Felling and Transplant Supplementary Proposal

Dear all,

Please note LandsD's email below.
This is the formal record of LandsD's no objection to our tree works within Victoria Park.

Meanwhile, for any tree felling/works outside Victoria Park, LandsD would want us to specify their location and submit separate application to them for consideration/approval.

To my understanding, there would be two more trees near waterfront of CBTS to be felled under the supplementary proposal of 2012/13.
For the compensatory trees/transplanting trees to be planted at the waterfront & in other district/locations, approval on the locations had been given in 2009 and maintenance party had agreed to take over the trees.

If my understanding is correct, please proceed to apply for LandsD's approval for felling two trees at waterfront.

Happy to discuss.

Regards,
Henry H. Y. TSE
E5/CWB, MWPMO, HyD
Tel: 2762 4065

----- Forwarded by Hoi Yin TSE/HYD/HKSARG on 09/04/2013 11:56 -----

From: Mabel MK LAM/LAO/LANDSD/HKSARG@LANDSD
To: Hoi Yin TSE/HYD/HKSARG@HYD
Cc: Charles C MOK/LAO/LANDSD/HKSARG@LANDSD, CK LAM/LCSD/HKSARG@LCSD, Jones KC LAI/HYD/HKSARG@HYD, P C LEUNG/HYD/HKSARG@HYD
Date: 09/04/2013 11:45
Subject: Re: HY/2010/08 - Tree Felling and Transplant Supplementary Proposal

Dear Henry,

I refer to your preceding email and your consultant, AECOM's letter [ref : CWN: DAN:icyc:60095653/C8/C30/940-5783] dated 28.3.2013 to me enclosing the submission titled "Proposed Tree Transplanting Works at Victoria Park in Eastern District, Tree Survey and Tree Assessment Report (Revision 3)".

2. Please note that Victoria Park is currently managed/used by LCSD as "Public Pleasure Ground" and covered by the Deposit Plan No. HKP7 under the Public Health and Municipal Services Ordinance (Cap. 132). So far, there has been no formal allocation given by this office.

3. Subject to no adverse comment from LCSD, this office has no comment to the proposed trees works within Victoria Park. For any proposed transplanted trees/compensatory replanting trees outside Victoria Park, you are required to identify the maintenance party and seek their agreement before commencement of your works.

4. For any tree felling/works outside Victoria Park, please specify their location and submit separate application to this Office for consideration/approval.

Regards
Ms Mabel LAM
ES/NP, DLO/HKE
Tel : 2835 1665

Hoi Yin TSE/HYD/HKSARG

26/03/2013 17:20

To Mabel MK LAM/LAO/LANDSD/HKSARG@LANDSD
Charles C MOK/LAO/LANDSD/HKSARG@LANDSD

cc CK LAM/LCSD/HKSARG@LCSD
Jones KC LAI/HYD/HKSARG@HYD
P C LEUNG/HYD/HKSARG@HYD

Subject Re: HY/2010/08 - Tree Felling and Transplant Supplementary Proposal [Link](#)

Dear Mr. Mok and Ms. Lam,

As spoken, it is noted that Victoria Park's lease condition might not include tree felling/transplant requirement.

As such, could you kindly confirm in written if approval from Lands Dept is still required for any tree felling/transplant within Victoria Park management area?

Our tree felling application layout is attached for your easy ref.

[attachment "SK5349.pdf" deleted by Mabel MK LAM/LAO/LANDSD/HKSARG]

For your further info., Lands D had approved another tree felling application for our Central-Wanchai Bypass project, which include VP and other districts 3 - 4 years before.

Regards,
Henry H. Y. TSE
E5/CWB, MWPMO, HyD
Tel: 2762 4065

From: Hoi Yin TSE/HYD/HKSARG
To: Mabel MK LAM/LAO/LANDSD/HKSARG@LANDSD
Cc: CK LAM/LCSD/HKSARG@LCSD, Jones KC LAI/HYD/HKSARG, P C LEUNG/HYD/HKSARG
Date: 21/03/2013 17:00
Subject: HY/2010/08 - Tree Felling and Transplant Supplementary Proposal

Dear Ms. Lam,

I refer to the attached LCSD's letter to HyD's consultant AECOM dated 20 March 2013 about the application of tree felling and transplant proposal, which was also c.c. to LandsD.

[attachment "LCSD memo to AECOM 20.3.2013.pdf" deleted by Mabel MK LAM/LAO/LANDSD/HKSARG]

While LCSD had no objection to our tree proposal, we understand that DLO is the approving authority for tree felling.

As such, I would be most grateful if you can urgently approve our tree felling application with details stated in LCSD's letter.

For your information, our Contract HY/2010/08 commenced today (21/3/2013) and the tree felling/transplanting would be on our critical path of programme. As such, your early approval is highly appreciated in order to avoid any programme delay and the influence to the public.

If you need any further information, please feel free to call me to discuss.

Regards,
Henry H. Y. TSE
E5/CWB, MWPMO, HyD
Tel: 2762 4065



19A012497

21 MAR 2013

C60/20



康樂及文化事務署
Leisure and Cultural Services Department

電話 TEL: 2601 8686
圖文傳真 FAX NO: 2695 3886
本署編號 OUR REF: (7) in LCS8/HQ715/00(CD) Pt. 19
來函編號 YOUR REF: CWN:RPCM:icyc:60095653/10.17-5372

By Fax: 3922 9797

20 March 2013

AECOM
8/F Grand Central Plaza, Tower 2
138 Shatin Rural Committee Road
Shatin, New Territories
Hong Kong
(Attn: Conrad NG)

Dear Mr NG,

Re: Agreement No. CE 5/95
Design and Construction of
Central – Wan Chai Bypass and Island Eastern Corridor Link
S. A. No. 3 Design, Tender and Construction Phases

Revised Tree Survey Report at Victoria Park (Rev. 2)

I refer to your letter under reference.

Here are the comments from our Hong Kong East Tree team:

According to this tree removal proposal application, a total of 136 nos of trees in Victoria Park which are in direct conflict with the Wan Chai Bypass and Island Eastern Corridor Link project, will be removed to make way for the construction works. Members of the Tree Preservation Board, being held on 5.3.2013, raised no objection to said tree removal application. Details of the proposal are recapitulated as follows:

- a) 84 nos. and 52 nos of trees in Victoria Park are proposed for transplanting and felling respectively;
- b) The transplanted trees will be planted at agreed location in Victoria Park. Exact location shall be confirmed with the park management;

香港沙田排頭街一至三號康樂及文化事務署總部
Leisure and Cultural Services Headquarters, 1-3, Pui Tau Street, Sha Tin, Hong Kong

P.001/002

TO 39229797

FROM LCSD

20-MAR-2013 15:41



康樂及文化事務署
Leisure and Cultural Services Department

- c) The tree transplanting work will commence soonest in April 2013. New tree planting for compensation will commence in the 4th quarter 2014. Exact schedule shall be agreed by the park management;
- d) A total of 170 nos. of heavy standard trees will be provided for compensation. 140 nos. of trees will be planted at designated locations in Eastern District and 30 nos. will be planted at Central of C&W District.
- e) Both transplanted trees and compensatory trees will be 12-month establishment period. Date of commencement to be agreed by the park management; and
- f) The applicant will observe TMO's guidelines on space for tree planting and to account for the eventual crown size of trees in no less than 4m apart.

Yours sincerely,

(Mr POON King-yan)
for Director of Leisure and Cultural Services

C. S.
LandsD

(Attn: Ms Mabel LAM)

Fax: 2834 4324

LM(T)HKE
M(VP)

(Attn: LAM Chi-kin)
(Attn: Mr PANG Tak-chiu)

Fax: 2598 8440
Fax: 2882 4151

TREE MANAGEMENT OFFICE CASE INVESTIGATION AND AUDIT INSPECTION

樹木管理辦事處個案調查及覆核檢查

REFERRAL OF POTENTIAL HAZARDOUS TREES

潛在危險樹木轉介

REFERRAL	9 / 5 / 2013		
From	Tree Management Office (TMO), Development Bureau	To	LCSD
TMO ref.	LCSD-E-111-LT	Attn.	Ms. LEE Fung Ming, Winnie
Contact	3509 7379	Post	Ch Leisure Mgr (HKE)
Email	pt@devb.gov.hk	Email	Winnie FM LEE/LCSD/HKSARG
<p><i>We have identified some potential hazardous trees under your management in our recent inspections. Please take immediate remedial actions and report actions taken/completion of actions to pt@devb.gov.hk within 10 working days from the date of referral.</i></p>			

CROSS REFERRAL	____ / ____ / ____		
<p><i>If the tree(s) in this referral is not under the management of your department, please refer this form to the subject management department within 5 working days from the date of referral and report to pt@devb.gov.hk.</i></p>			
From		To	
Contact		Attn	
Email		Email	

INSPECTION	(Date of Identifying Tree Problem : 8 / 5 / 2013)
Inspection Officer	Mr. Leo Tai, TMO7 Mr. S W Sek, FdO(TM)
Location	Victoria Park
District	Eastern

No.	Tree Species	Nearest Lamp Post/Location	General Condition ¹	Crown Condition ²	Branch Condition ³	Trunk Condition ⁴	Root Condition ⁵	Other Conditions
T1	<i>Eucalyptus robusta</i>	48718				✓		Serious decay at trunk
T2								
T3								
T4								
T5								
T6								
T7								
T8								
T9								
T10								
T11								
T12								
T13								
T14								
T15								
T16								

Note: 1, 2, 3, 4, 5 Please refer to the "Pictorial Guide for Tree Maintenance to Reduce Tree Risks" at <http://www.greening.gov.hk/tc/index.html>.

COMPLETION OF FOLLOW-UP ACTIONS

This is to report that the following actions will be taken / have been completed to the identified areas in the subject Form 1.

Date of return	<u>22</u> / <u>05</u> / <u>2013</u>		
From	AFCD / ArchSD / CEDD / DSD / HD / Hyd / LCSD / WSD / LandsD	To	TMO, DEVB
Post		TMO ref.	LCSD-E-111-LT
Contact		Date of TMO referral	9 / 5 / 2013
Email		Email	pt@devb.gov.hk

No.	Tree Species	Remedial Action Taken (Note)	Date of Mitigation Completed	Any new Tree Assessment Form (Form 2) Completed (Yes/No)	Date of new Form 2 prepared
1	<i>Eucalyptus robusta</i>	To be felled	To be completed on 24 May 2013	No	No

Note:

For those potentially hazardous trees located in Tree Risk Management Zone "Category I" that require close monitoring as part of the remedial action, please specify –

- i) Any new Tree Assessment Form (Form 2) completed; and***
- ii) Date of new Tree Assessment Form (Form 2) prepared.***

The information of the concerned tree(s) shall be submitted to TMO within 10 working days from the date of this return for uploading onto the trees.gov.hk website for public information accordingly.

Victor Lee

寄件者: Victor Lee [kitsau_lee@cohl.com]
寄件日期: 2013年5月30日星期四 13:41
收件者: kitsau_lee@cohl.com
主旨: FW: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

From: Terry Siu [<mailto:Terry.Siu@cwbaecom.com>]
Sent: Tuesday, May 21, 2013 6:34 PM
To: otto_lee@cohl.com; Ho Shui Tim
Cc: Denis Norton; Ken Tin; 'David Bloxham'; samuel_wu@cohl.com; 'Simon Leung'; eric_kwok@cohl.com; chriskwleung@cohl.com; Dave Chan; Eric Wong
Subject: Re: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear Otto,

We discussed earlier. Since these two trees are marked 'Fell' in the Contract and VP expressed no objection to the tree felling scheduled for tomorrow at the joint site walk this morning, please proceed the works tomorrow

Regards,

Terry
Sent from my BlackBerry® smartphone
www.blackberry.com

From: Otto Lee <otto_lee@cohl.com>
Date: Tue, 21 May 2013 17:36:57 +0800
To: Terry Siu<Terry.Siu@cwbaecom.com>; Ho Shui Tim<st.ho@cwbaecom.com>
ReplyTo: "otto_lee@cohl.com" <otto_lee@cohl.com>
Cc: Denis Norton<Denis.Norton@cwbaecom.com>; Ken Tin<ken.tin@cwbaecom.com>; 'David Bloxham'<david_bloxham@cohl.com>; samuel_wu@cohl.com<samuel_wu@cohl.com>; 'Simon Leung'<kitsze_leung@cohl.com>; eric_kwok@cohl.com<eric_kwok@cohl.com>; chriskwleung@cohl.com<chriskwleung@cohl.com>; Dave Chan<davechan@cohl.com>; Eric Wong<Eric.Wong@cwbaecom.com>
Subject: FW: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear Terry and Tim,

Please advise us if we should stop the works in concern unless and until the following concerns raised by your Ernest and Mr. Alan Li have been clarified. We have no clues at all whether the trees to be felled have been approved by LCSD or relevant government authorities / parties before the start of this Project. Your advice is urgently needed.

If we do not hear from you on or before 6:00p.m. today, we will have no other alternatives but to call off the operation as planned.

Many thanks in advance.

Regards,
Otto LEE
Central - Wan Chai Bypass - Tunnel (Slip Road 8 Section)
Construction Manager

t: 852 – 3557 6450
m: 852 – 9138 8828
e: otto_lee@cohl.com

d: 852 – 3557 6447
f: 852 – 2566 8061
w: <http://www.cohl.com>

From: Ernest Wong [<mailto:ernest.wong@cwbaecom.com>]

Sent: Tuesday, May 21, 2013 5:13 PM

To: 'Otto Lee'

Cc: Ho Shui Tim; Terry Siu; Denis Norton; Ken Tin; Eric Wong; Raymond L.M. Dai - Lam Environmental Services; Alex Li - AECOM Design Office; cscchan@environcorp.com; Yan Qing Mei

Subject: FW: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Importance: High

Otto,

Please see below comments from ET. Please supplement the correspondence with LCSD, Victoria Park mgt office etc., for ET/IEC information, make sure you got all the consent prior to fell trees. Please also check the details of T490 and T626 mentioned in EIA, be reminded to append all these information into Landscape Plan submission to ET/IEC later on.

Please discuss if necessary.

Regards,
Ernest
64633065

From: Alan Li [<mailto:alanli@lamenviro.com>]

Sent: Tuesday, May 21, 2013 4:51 PM

To: Ernest Wong

Cc: Eric Wong; Raymond L.M. Dai - Lam Environmental Services; Yan Qing Mei; cscchan@environcorp.com

Subject: RE: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear Ernest,

Please note our comments as below,

1. Please supplement the no objection of LCSD on the felling of the two trees for reference.
2. Please advise if the trees urgently to be felled falls under the scope of the EIA surveyed trees.

Regards,
Alan Li
Lam Geotechnics Limited
Lam Environmental Services Limited
Tel: (852) 2839 5689
Fax: (852) 2882 3331
<http://www.lamenviro.com>

From: Ernest Wong [<mailto:ernest.wong@cwbaecom.com>]

Sent: Tuesday, May 21, 2013 1:46 PM

To: Raymond L.M. Dai - Lam Environmental Services; cscchan@environcorp.com

Cc: Eric Wong; alanli@lamenviro.com; Yan Qing Mei

Subject: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear ET/IEC,

Please note that tree no 626 and 490 need to urgently fell tomorrow. Please see below detaild and let us know if you have any comment.

Regards,
Ernest

從三星手機發送

----- 原有訊息 -----

由： Eric Wong <Eric.Wong@cwbaecom.com>

日期： 2013-05-21 13:39 (GMT+08:00)

至： Ernest Wong <ernest.wong@cwbaecom.com>

主題： FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Ernest,

Pls inform ET and IEC.

Please check whether this tree falls into the category of trees in EIA report.

Eric

From: Ho Shui Tim

Sent: Tuesday, May 21, 2013 1:37 PM

To: bkckwok@lcsd.gov.hk; Tse Hoi Yin - Highways

Cc: Terry Siu; Denis Norton; Andy Chu; Ken Tin; Eric Wong; otto_lee@cohl.com; samuel_wu@cohl.com; Ernest Wong; 'David Bloxham'

Subject: FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear Billy and Henry,

Further to the meeting with Ms. Tang of RTHK in the morning regarding RTHK's transmission setup in VP for broadcasting on Sundays, it has been advised that tree no. T626 (inside the hoarding in Zone 2), after erection of the hoarding, would cause interference to their transmission. As tree no. T626 is to be felled under the Contract, and CSHK have advised that they can arrange to remove the tree together with T490 on 22/5/2013, I have no objection for CSHK to advance the tree removal of T626 together with T490.

Subcontractor and method statement for T490 have been submitted and approved. RSS will supervise the works on site.

By copy, would Otto please review if the temporary closure area can cover for both trees and make any necessary amendment accordingly.

Regards!
Tim

From: Otto Lee [mailto:otto_lee@cohl.com]

Sent: Tuesday, May 21, 2013 11:38 AM

To: Ho Shui Tim

Cc: eric_kwok@cohl.com; 'Giggs Leung'; samuel_wu@cohl.com; 'KK Chiu'; 'Ryan Hong'; chriskwleung@cohl.com; 'Dave Chan'; giwan@cohl.com; shanpengfei@cohl.com; waiming_chiu@cohl.com; 'Man Wai Wong'; Denis Norton; Terry Siu; Ken Tin; bkckwok@lcsd.gov.hk; Lydia Lee; Andy Chu; 'David Bloxham'

Subject: RE: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear Tim,

Reference is made to the joint site discussion just held amongst Ms. Jolly Tang the Assistant Mobile Production Officer of RTHK, Messrs. Billy Kwok / Joseph Ma of VPMO, your Tim / Andy and our Messrs. Samuel / Otto in connection with the subject matter.

It was discussed and agreed on the following salient points:

1. RTHK expressed that the reception for broadcasting activity would be interfered by the branches of two (2) no. existing trees; one of which is under the maintenance of VPMO whereas another one classified as felling tree is under the Contract No. HY/2010/08;
2. RTHK would further liaise with VPMO for their intended treatment of one of the aforesaid trees, which is under the maintenance of VPMO;
3. CSHK was requested to early remove the existing Tree No. T626, which has been approved to be felled under the Contract, for the sake of facilitating the regular broadcasting event by RTHK on every Sunday;
4. AECOM had expressed no objection to the suggested early removal of the Tree No. T626 to facilitate the RTHK's broadcasting event;
5. CSHK agreed on consulting with their in-house tree specialist and subcontractor if the subject tree could be felled together with the Hazardous Tree T490 scheduled for 22 May 2013.

Having consulted with our in-house specialist and subcontractor, it was confirmed that the Tree No. T626 in concern could be felled together with the T490 on 22 May 2013. As a result, would Tim please confirm if you have no objection to the said arrangement?


Many thanks in advance.

Regards,

Otto LEE

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

Construction Manager

 中國建築工程(香港)有限公司
COHIL STATE CONSTRUCTION ENGINEERING & CONTRACTING LTD

t: 852 – 3557 6450

d: 852 – 3557 6447

m: 852 – 9138 8828

f: 852 – 2566 8061

e: otto_lee@cohl.com

w: http://www.cohl.com

From: David Bloxham [mailto:david_bloxham@cohl.com]

Sent: Tuesday, May 21, 2013 10:26 AM

To: 'Terry Siu'; 'Denis Norton'; 'Ho Shui Tim'; 'Ken Tin'; bkckwok@lcsd.gov.hk; 'Lydia Lee'; andy.chu@cwbae.com

Cc: eric_kwok@cohl.com; otto_lee@cohl.com; 'Giggs Leung'; samuel_wu@cohl.com; 'KK Chiu'; 'Ryan Hong'; chriskwleung@cohl.com; 'Dave Chan'; giwan@cohl.com; shanpengfei@cohl.com; waiming_chiu@cohl.com; 'Man Wai Wong'

Subject: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May)

Dear Terry

Please find attached the Method of Tree Removal from our tree removal specialist Arborists - Asia Tree Preservation Ltd (APT) for the urgent removal of the hazardous tree T490 for tomorrow after 10am

In summary,

- CSCE will fence off the area where tree is to be removed from 10am and restrict the public access at that the working zone location with safety railings & warning signs (See Marked up plan)
- Pedestrians will be advised of alternative footpath access (See attached marked up plan)
- During removal our General foreman will supervise and advise the public to ensure a clear safe working zone
- APT will have 1 Arborist climbing and 2 Arborists for communication support on the ground during removal
- Once tree is cut down it will be cut up and disposed off site by grab truck in afternoon.

Note : Asia Tree Preservation have been engaged as our specialist subcontractor for all approved Tree felling required within Victoria Park and along Victoria Park road in future.

Regards,

David Bloxham

Position – Senior Landscape Architect

Contract No HY/2010/08

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

t: 852 – 3557 6450

m: 852 – 91884460 f: 852 – 2566 8061

e: david_bloxham@cohl.com w: <http://www.cohl.com>

From: Ryan Lewis [<mailto:RyanLewis@atptree.com>]

Sent: Tuesday, May 21, 2013 8:43 AM

To: David Bloxham

Cc: Jon Picker

Subject: RE: T 490 Method Statement

Hello David,

Regarding tree removal of T490 on Wednesday , attached please find the Method statement for the tree removal process, and safety practices during works.

As discussed please arrange to provide to fence off public from area afer 10am , Tree will be removed and cut up into pieces for removal by our grab truck in afternoon

Best regards,

Ryan Lewis

Consulting Arborist

ISA Board Certified Master Arborist OH-5202BTM

ISA Certified Municipal Specialist

ISA Certified Climber Specialist

PNWISA Certified Tree Risk Assessor

Appendix C3
Confirmation of removal of hazardous
Tree T490



中國建築工程(香港)有限公司

CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Removal of Hazardous Tree
T490 (22nd May 2013)

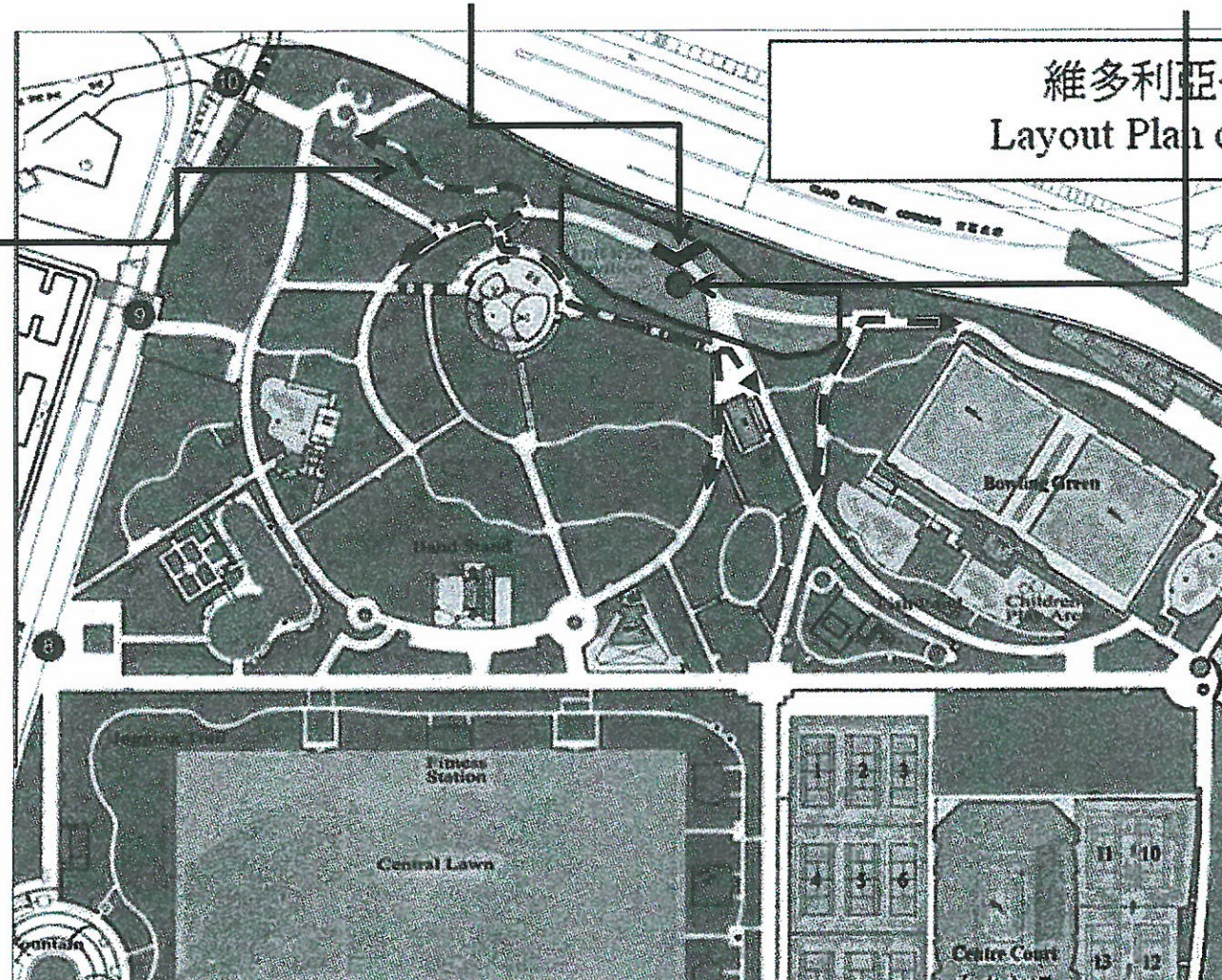
Central Wanchai Bypass – Tunnel (Slip Road 8 Section)

Contract No. HY/2010/08

Temporary Closure of Area
During Removal of Tree

Tree T490 to be removed

Footpath Diversion
during Tree Removal



Bar Code No.:

0877000081

C30/P40

Fion Poon

From: Ho Shui Tim
Sent: 2013年4月9日 星期二 14:04
To: Fion Poon
Cc: Terry Siu; Denis Norton; Doris Tao; Ken Tin
Subject: FW: HY/2010/08 - Tree Felling and Transplant Supplementary Proposal

- 9 APR 2013

Fion,
Please file a copy in C30/940.
Tim

From: e5cwb.mw@hyd.gov.hk [mailto:e5cwb.mw@hyd.gov.hk]
Sent: Tuesday, April 09, 2013 12:16 PM
To: Denis Norton; Terry Siu; Ken Shum; Ho Shui Tim
Cc: Lai Kwok Chung - Highways; Leung Pak Chuen - Highways; Doris Tao; Ken Tin; Tse Suk Yin; Raymond Pau - AECOM Design Office
Subject: Fw: HY/2010/08 - Tree Felling and Transplant Supplementary Proposal

Dear all,

Please note LandsD's email below.
This is the formal record of LandsD's no objection to our tree works within Victoria Park.

Meanwhile, for any tree felling/works outside Victoria Park, LandsD would want us to specify their location and submit separate application to them for consideration/approval.

To my understanding, there would be two more trees near waterfront of CBTS to be felled under the supplementary proposal of 2012/13.
For the compensatory trees/transplanting trees to be planted at the waterfront & in other district/locations, approval on the locations had been given in 2009 and maintenance party had agreed to take over the trees.

If my understanding is correct, please proceed to apply for LandsD's approval for felling two trees at waterfront.

Happy to discuss.

Regards,
Henry H. Y. TSE
E5/CWB, MWPMO, HyD
Tel: 2762 4065

----- Forwarded by Hoi Yin TSE/HYD/HKSARG on 09/04/2013 11:56 -----

From: Mabel MK LAM/LAO/LANDSD/HKSARG@LANDSD
To: Hoi Yin TSE/HYD/HKSARG@HYD
Cc: Charles C MOK/LAO/LANDSD/HKSARG@LANDSD, CK LAM/LCSD/HKSARG@LCSD, Jones KC LAI/HYD/HKSARG@HYD, P C LEUNG/HYD/HKSARG@HYD
Date: 09/04/2013 11:45
Subject: Re: HY/2010/08 - Tree Felling and Transplant Supplementary Proposal

Dear Henry,

I refer to your preceding email and your consultant, AECOM's letter [ref : CWN: DAN:icyc:60095653/C8/C30/940-5783] dated 28.3.2013 to me enclosing the submission titled "Proposed Tree Transplanting Works at Victoria Park in Eastern District, Tree Survey and Tree Assessment Report (Revision 3)".

2. Please note that Victoria Park is currently managed/used by LCSD as "Public Pleasure Ground" and covered by the Deposit Plan No. HKP7 under the Public Health and Municipal Services Ordinance (Cap. 132). So far, there has been no formal allocation given by this office.

3. Subject to no adverse comment from LCSD, this office has no comment to the proposed trees works within Victoria Park. For any proposed transplanted trees/compensatory replanting trees outside Victoria Park, you are required to identify the maintenance party and seek their agreement before commencement of your works.

4. For any tree felling/works outside Victoria Park, please specify their location and submit separate application to this Office for consideration/approval.

Regards
Ms Mabel LAM
ES/NP, DLO/HKE
Tel : 2835 1665

Hoi Yin TSE/HYD/HKSARG

26/03/2013 17:20

To Mabel MK LAM/LAO/LANDSD/HKSARG@LANDSD
Charles C MOK/LAO/LANDSD/HKSARG@LANDSD

cc CK LAM/LCSD/HKSARG@LCSD
Jones KC LAI/HYD/HKSARG@HYD
P C LEUNG/HYD/HKSARG@HYD

Subject Re: HY/2010/08 - Tree Felling and Transplant Supplementary Proposal [Link](#)

Dear Mr. Mok and Ms. Lam,

As spoken, it is noted that Victoria Park's lease condition might not include tree felling/transplant requirement.

As such, could you kindly confirm in written if approval from Lands Dept is still required for any tree felling/transplant within Victoria Park management area?

Our tree felling application layout is attached for your easy ref.
[attachment "SK5349.pdf" deleted by Mabel MK LAM/LAO/LANDSD/HKSARG]

For your further info., Lands D had approved another tree felling application for our Central-Wanchai Bypass project, which include VP and other districts 3 - 4 years before.

Regards,
Henry H. Y. TSE
E5/CWB, MWPMO, HyD
Tel: 2762 4065

From: Hoi Yin TSE/HYD/HKSARG
To: Mabel MK LAM/LAO/LANDSD/HKSARG@LANDSD
Cc: CK LAM/LCSD/HKSARG@LCSD, Jones KC LAI/HYD/HKSARG, P C LEUNG/HYD/HKSARG
Date: 21/03/2013 17:00
Subject: HY/2010/08 - Tree Felling and Transplant Supplementary Proposal

Dear Ms. Lam,

I refer to the attached LCSD's letter to HyD's consultant AECOM dated 20 March 2013 about the application of tree felling and transplant proposal, which was also c.c. to LandsD.

[attachment "LCSD memo to AECOM 20.3.2013.pdf" deleted by Mabel MK LAM/LAO/LANDSD/HKSARG]

While LCSD had no objection to our tree proposal, we understand that DLO is the approving authority for tree felling.

As such, I would be most grateful if you can urgently approve our tree felling application with details stated in LCSD's letter.

For your information, our Contract HY/2010/08 commenced today (21/3/2013) and the tree felling/transplanting would be on our critical path of programme. As such, your early approval is highly appreciated in order to avoid any programme delay and the influence to the public.

If you need any further information, please feel free to call me to discuss.

Regards,
Henry H. Y. TSE
E5/CWB, MWPMO, HyD
Tel: 2762 4065



19A012497

21 MAR 2013

C60/200



康樂及文化事務署
Leisure and Cultural Services Department

電話 TEL: 2601 8686
圖文傳真 FAX NO: 2695 3886
本署接統 OUR REF: (7) in LCS8/HQ715/00(CD) Pt. 19
來函編號 YOUR REF: CWN:RPCM:icyc:60095653/10.17-5372

By Fax: 3922 9797

20 March 2013

AECOM
8/F Grand Central Plaza, Tower 2
138 Shatin Rural Committee Road
Shatin, New Territories
Hong Kong
(Attn: Conrad NG)

Dear Mr NG,

Re: Agreement No. CE 5/95
Design and Construction of
Central – Wan Chai Bypass and Island Eastern Corridor Link
S. A. No. 3 Design, Tender and Construction Phases

Revised Tree Survey Report at Victoria Park (Rev. 2)

I refer to your letter under reference.

Here are the comments from our Hong Kong East Tree team:

According to this tree removal proposal application, a total of 136 nos of trees in Victoria Park which are in direct conflict with the Wan Chai Bypass and Island Eastern Corridor Link project, will be removed to make way for the construction works. Members of the Tree Preservation Board, being held on 5.3.2013, raised no objection to said tree removal application. Details of the proposal are recapitulated as follows:

- a) 84 nos. and 52 nos of trees in Victoria Park are proposed for transplanting and felling respectively;
- b) The transplanted trees will be planted at agreed location in Victoria Park. Exact location shall be confirmed with the park management;

香港沙田排頭街一至三號康樂及文化事務署總部
Leisure and Cultural Services Headquarters, 1-3, Pui Tau Street, Sha Tin, Hong Kong

P.001/002

TO 39229797

FROM LCSD

20-MAR-2013 15:41



康樂及文化事務署
Leisure and Cultural Services Department

- c) The tree transplanting work will commence soonest in April 2013. New tree planting for compensation will commence in the 4th quarter 2014. Exact schedule shall be agreed by the park management;
- d) A total of 170 nos. of heavy standard trees will be provided for compensation. 140 nos. of trees will be planted at designated locations in Eastern District and 30 nos. will be planted at Central of C&W District.
- e) Both transplanted trees and compensatory trees will be 12-month establishment period. Date of commencement to be agreed by the park management; and
- f) The applicant will observe TMO's guidelines on space for tree planting and to account for the eventual crown size of trees in no less than 4m apart.

Yours sincerely,

(Mr POON King-yan)
for Director of Leisure and Cultural Services

C. S.
LandsD

(Attn: Ms Mabel LAM)

Fax: 2834 4324

LM(T)HKE
M(VP)

(Attn: LAM Chi-kin)
(Attn: Mr PANG Tak-chiu)

Fax: 2598 8440
Fax: 2882 4151

TREE MANAGEMENT OFFICE CASE INVESTIGATION AND AUDIT INSPECTION

樹木管理辦事處個案調查及覆核檢查

REFERRAL OF POTENTIAL HAZARDOUS TREES

潛在危險樹木轉介

REFERRAL	9 / 5 / 2013		
From	Tree Management Office (TMO), Development Bureau	To	LCSD
TMO ref.	LCSD-E-111-LT	Attn.	Ms. LEE Fung Ming, Winnie
Contact	3509 7379	Post	Ch Leisure Mgr (HKE)
Email	pt@devb.gov.hk	Email	Winnie FM LEE/LCSD/HKSARG
<p><i>We have identified some potential hazardous trees under your management in our recent inspections. Please take immediate remedial actions and report actions taken/completion of actions to pt@devb.gov.hk within 10 working days from the date of referral.</i></p>			

CROSS REFERRAL	____ / ____ / ____		
<p><i>If the tree(s) in this referral is not under the management of your department, please refer this form to the subject management department within 5 working days from the date of referral and report to pt@devb.gov.hk.</i></p>			
From		To	
Contact		Attn	
Email		Email	

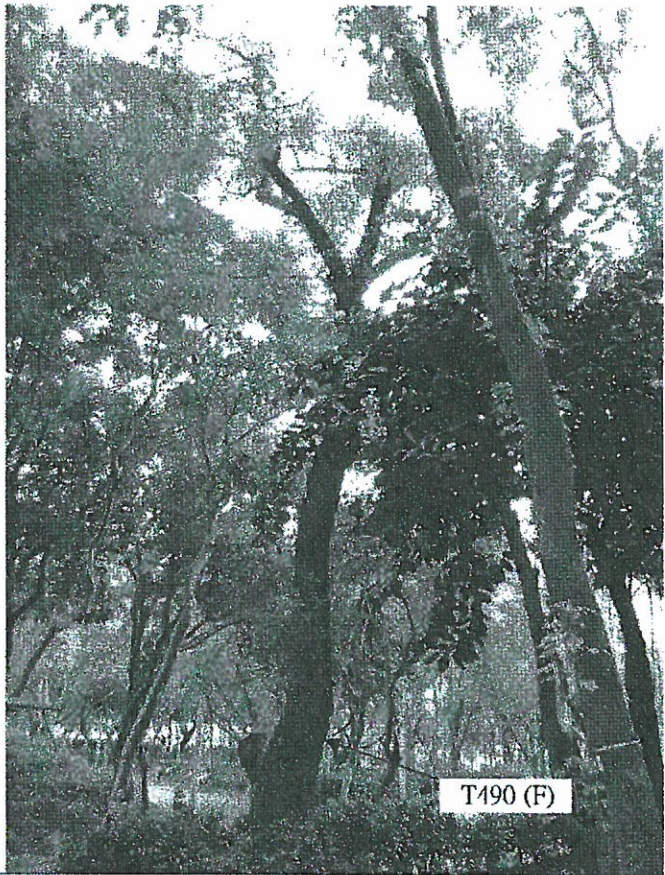
INSPECTION	(Date of Identifying Tree Problem : 8 / 5 / 2013)
Inspection Officer	Mr. Leo Tai, TMO7 Mr. S W Sek, FdO(TM)
Location	Victoria Park
District	Eastern

No.	Tree Species	Nearest Lamp Post/Location	General Condition ¹	Crown Condition ²	Branch Condition ³	Trunk Condition ⁴	Root Condition ⁵	Other Conditions
T1	<i>Eucalyptus robusta</i>	48718				√		Serious decay at trunk
T2								
T3								
T4								
T5								
T6								
T7								
T8								
T9								
T10								
T11								
T12								
T13								
T14								
T15								
T16								

Note: 1, 2, 3, 4, 5 Please refer to the "Pictorial Guide for Tree Maintenance to Reduce Tree Risks" at <http://www.greening.gov.hk/tc/index.html>.

PHOTO REFERENCE

Please note that these referrals are advisory only. Detailed site visit or specialist advice may be required to determine the appropriate scope of remedial tree work and monitoring work.



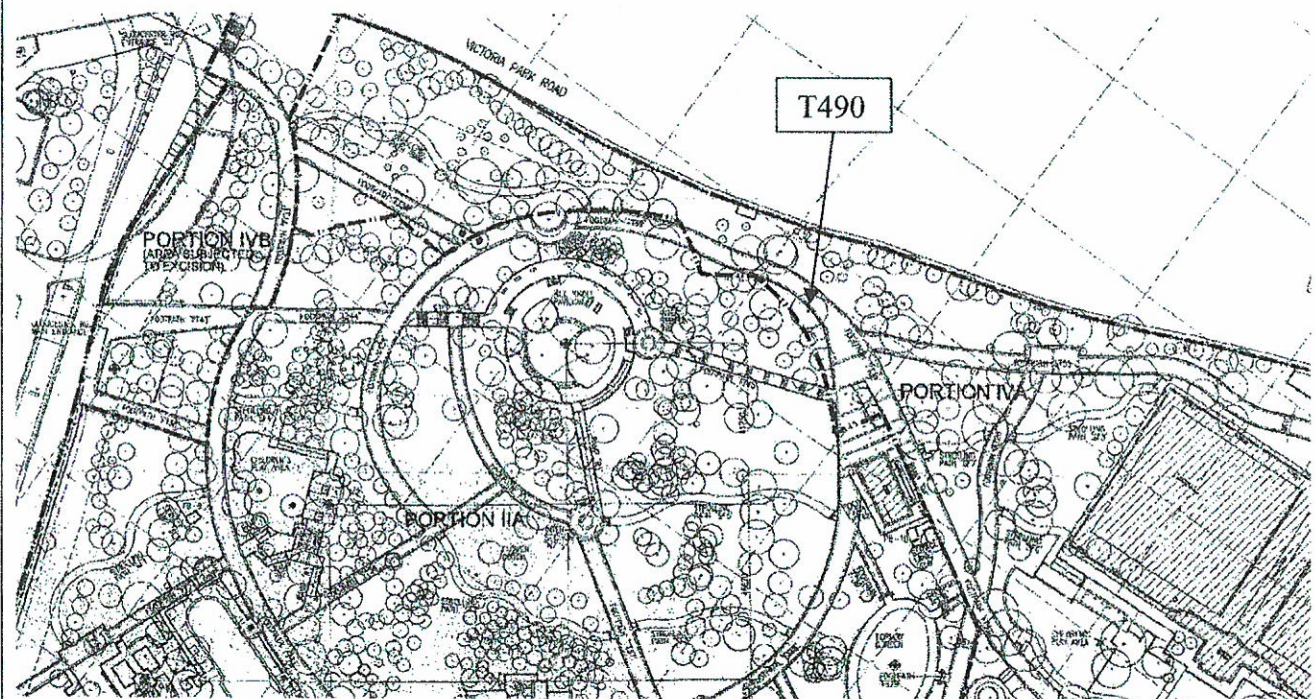
T490 (F)



T490 (F)

Tree felling works was cancelled due to poor weather condition. CSHK will re-schedule the work on Friday, 24 May 2013.

LOCATION PLAN



COMPLETION OF FOLLOW-UP ACTIONS

This is to report that the following actions will be taken / have been completed to the identified areas in the subject Form 1.

Date of return	<u>22</u> / <u>05</u> / <u>2013</u>		
From	AFCD / ArchSD / CEDD / DSD / HD / HyD / LCSD / WSD / LandsD	To	TMO, DEVB
Post		TMO ref.	LCSD-E-111-LT
Contact		Date of TMO referral	9 / 5 / 2013
Email		Email	pt@devb.gov.hk

No.	Tree Species	Remedial Action Taken (Note)	Date of Mitigation Completed	Any new Tree Assessment Form (Form 2) Completed (Yes/No)	Date of new Form 2 prepared
1	<i>Eucalyptus robusta</i>	To be felled	To be completed on 24 May 2013	No	No

Note:

For those potentially hazardous trees located in Tree Risk Management Zone "Category I" that require close monitoring as part of the remedial action, please specify –

- i) Any new Tree Assessment Form (Form 2) completed; and***
- ii) Date of new Tree Assessment Form (Form 2) prepared.***

The information of the concerned tree(s) shall be submitted to TMO within 10 working days from the date of this return for uploading onto the trees.gov.hk website for public information accordingly.

Victor Lee

寄件者: Victor Lee [kitsau_lee@cohl.com]
寄件日期: 2013年5月30日星期四 13:41
收件者: kitsau_lee@cohl.com
主旨: FW: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

From: Terry Siu [<mailto:Terry.Siu@cwbaecom.com>]
Sent: Tuesday, May 21, 2013 6:34 PM
To: otto_lee@cohl.com; Ho Shui Tim
Cc: Denis Norton; Ken Tin; 'David Bloxham'; samuel_wu@cohl.com; 'Simon Leung'; eric_kwok@cohl.com; chriskwleung@cohl.com; Dave Chan; Eric Wong
Subject: Re: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear Otto,

We discussed earlier. Since these two trees are marked 'Fell' in the Contract and VP expressed no objection to the tree felling scheduled for tomorrow at the joint site walk this morning, please proceed the works tomorrow

Regards,

Terry
Sent from my BlackBerry® smartphone
www.blackberry.com

From: Otto Lee <otto_lee@cohl.com>
Date: Tue, 21 May 2013 17:36:57 +0800
To: Terry Siu<Terry.Siu@cwbaecom.com>; Ho Shui Tim<st.ho@cwbaecom.com>
ReplyTo: "otto_lee@cohl.com" <otto_lee@cohl.com>
Cc: Denis Norton<Denis.Norton@cwbaecom.com>; Ken Tin<ken.tin@cwbaecom.com>; 'David Bloxham'<david_bloxham@cohl.com>; samuel_wu@cohl.com<samuel_wu@cohl.com>; 'Simon Leung'<kitsze_leung@cohl.com>; eric_kwok@cohl.com<eric_kwok@cohl.com>; chriskwleung@cohl.com<chriskwleung@cohl.com>; Dave Chan<davechan@cohl.com>; Eric Wong<Eric.Wong@cwbaecom.com>
Subject: FW: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear Terry and Tim,

Please advise us if we should stop the works in concern unless and until the following concerns raised by your Ernest and Mr. Alan Li have been clarified. We have no clues at all whether the trees to be felled have been approved by LCSD or relevant government authorities / parties before the start of this Project. Your advice is urgently needed.

If we do not hear from you on or before 6:00p.m. today, we will have no other alternatives but to call off the operation as planned.

Many thanks in advance.

Regards,
Otto LEE
Central - Wan Chai Bypass - Tunnel (Slip Road 8 Section)
Construction Manager

t: 852 – 3557 6450
m: 852 – 9138 8828
e: otto_lee@cohl.com

d: 852 – 3557 6447
f: 852 – 2566 8061
w: <http://www.cohl.com>

From: Ernest Wong [<mailto:ernest.wong@cwbaecom.com>]

Sent: Tuesday, May 21, 2013 5:13 PM

To: 'Otto Lee'

Cc: Ho Shui Tim; Terry Siu; Denis Norton; Ken Tin; Eric Wong; Raymond L.M. Dai - Lam Environmental Services; Alex Li - AECOM Design Office; cscchan@environcorp.com; Yan Qing Mei

Subject: FW: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Importance: High

Otto,

Please see below comments from ET. Please supplement the correspondence with LCSD, Victoria Park mgt office etc., for ET/IEC information, make sure you got all the consent prior to fell trees. Please also check the details of T490 and T626 mentioned in EIA, be reminded to append all these information into Landscape Plan submission to ET/IEC later on.

Please discuss if necessary.

Regards,
Ernest
64633065

From: Alan Li [<mailto:alanli@lamenviro.com>]

Sent: Tuesday, May 21, 2013 4:51 PM

To: Ernest Wong

Cc: Eric Wong; Raymond L.M. Dai - Lam Environmental Services; Yan Qing Mei; cscchan@environcorp.com

Subject: RE: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear Ernest,

Please note our comments as below,

1. Please supplement the no objection of LCSD on the felling of the two trees for reference.
2. Please advise if the trees urgently to be felled falls under the scope of the EIA surveyed trees.

Regards,
Alan Li
Lam Geotechnics Limited
Lam Environmental Services Limited
Tel: (852) 2839 5689
Fax: (852) 2882 3331
<http://www.lamenviro.com>

From: Ernest Wong [<mailto:ernest.wong@cwbaecom.com>]

Sent: Tuesday, May 21, 2013 1:46 PM

To: Raymond L.M. Dai - Lam Environmental Services; cscchan@environcorp.com

Cc: Eric Wong; alanli@lamenviro.com; Yan Qing Mei

Subject: 轉寄 : FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear ET/IEC,

Please note that tree no 626 and 490 need to urgently fell tomorrow. Please see below detaild and let us know if you have any comment.

Regards,
Ernest

從三星手機發送

----- 原有訊息 -----

由： Eric Wong <Eric.Wong@cwbaecom.com>

日期： 2013-05-21 13:39 (GMT+08:00)

至： Ernest Wong <ernest.wong@cwbaecom.com>

主題： FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Ernest,

Pls inform ET and IEC.

Please check whether this tree falls into the category of trees in EIA report.

Eric

From: Ho Shui Tim

Sent: Tuesday, May 21, 2013 1:37 PM

To: bkckwok@lcsd.gov.hk; Tse Hoi Yin - Highways

Cc: Terry Siu; Denis Norton; Andy Chu; Ken Tin; Eric Wong; otto_lee@cohl.com; samuel_wu@cohl.com; Ernest Wong; 'David Bloxham'

Subject: FW: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear Billy and Henry,

Further to the meeting with Ms. Tang of RTHK in the morning regarding RTHK's transmission setup in VP for broadcasting on Sundays, it has been advised that tree no. T626 (inside the hoarding in Zone 2), after erection of the hoarding, would cause interference to their transmission. As tree no. T626 is to be felled under the Contract, and CSHK have advised that they can arrange to remove the tree together with T490 on 22/5/2013, I have no objection for CSHK to advance the tree removal of T626 together with T490.

Subcontractor and method statement for T490 have been submitted and approved. RSS will supervise the works on site.

By copy, would Otto please review if the temporary closure area can cover for both trees and make any necessary amendment accordingly.

Regards!
Tim

From: Otto Lee [mailto:otto_lee@cohl.com]

Sent: Tuesday, May 21, 2013 11:38 AM

To: Ho Shui Tim

Cc: eric_kwok@cohl.com; 'Giggs Leung'; samuel_wu@cohl.com; 'KK Chiu'; 'Ryan Hong'; chriskwleung@cohl.com; 'Dave Chan'; giwan@cohl.com; shanpengfei@cohl.com; waiming_chiu@cohl.com; 'Man Wai Wong'; Denis Norton; Terry Siu; Ken Tin; bkckwok@lcsd.gov.hk; Lydia Lee; Andy Chu; 'David Bloxham'

Subject: RE: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May) and Early Removal of T626 for Facilitating RTHK's Broadcasting Event

Dear Tim,

Reference is made to the joint site discussion just held amongst Ms. Jolly Tang the Assistant Mobile Production Officer of RTHK, Messrs. Billy Kwok / Joseph Ma of VPMO, your Tim / Andy and our Messrs. Samuel / Otto in connection with the subject matter.

It was discussed and agreed on the following salient points:

1. RTHK expressed that the reception for broadcasting activity would be interfered by the branches of two (2) no. existing trees; one of which is under the maintenance of VPMO whereas another one classified as felling tree is under the Contract No. HY/2010/08;
2. RTHK would further liaise with VPMO for their intended treatment of one of the aforesaid trees, which is under the maintenance of VPMO;
3. CSHK was requested to early remove the existing Tree No. T626, which has been approved to be felled under the Contract, for the sake of facilitating the regular broadcasting event by RTHK on every Sunday;
4. AECOM had expressed no objection to the suggested early removal of the Tree No. T626 to facilitate the RTHK's broadcasting event;
5. CSHK agreed on consulting with their in-house tree specialist and subcontractor if the subject tree could be felled together with the Hazardous Tree T490 scheduled for 22 May 2013.

Having consulted with our in-house specialist and subcontractor, it was confirmed that the Tree No. T626 in concern could be felled together with the T490 on 22 May 2013. As a result, would Tim please confirm if you have no objection to the said arrangement?

Many thanks in advance.

Regards,

Otto LEE

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

Construction Manager

中環繞道二號(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING GROUP LTD

t: 852 – 3557 6450

d: 852 – 3557 6447

m: 852 – 9138 8828

f: 852 – 2566 8061

e: otto_lee@cohl.com

w: http://www.cohl.com

From: David Bloxham [mailto:david_bloxham@cohl.com]

Sent: Tuesday, May 21, 2013 10:26 AM

To: 'Terry Siu'; 'Denis Norton'; 'Ho Shui Tim'; 'Ken Tin'; bkckwok@lcsd.gov.hk; 'Lydia Lee'; andy.chu@cwbae.com

Cc: eric_kwok@cohl.com; otto_lee@cohl.com; 'Giggs Leung'; samuel_wu@cohl.com; 'KK Chiu'; 'Ryan Hong'; chriskwleung@cohl.com; 'Dave Chan'; giwan@cohl.com; shanpengfei@cohl.com; waiming_chiu@cohl.com; 'Man Wai Wong'

Subject: Hazardous Tree T 490 Method Statement for removal in Victoria Park (Wed 22nd May)

Dear Terry

Please find attached the Method of Tree Removal from our tree removal specialist Arborists - Asia Tree Preservation Ltd (APT) for the urgent removal of the hazardous tree T490 for tomorrow after 10am

In summary,

- CSCE will fence off the area where tree is to be removed from 10am and restrict the public access at that the working zone location with safety railings & warning signs (See Marked up plan)
- Pedestrians will be advised of alternative footpath access (See attached marked up plan)
- During removal our General foreman will supervise and advise the public to ensure a clear safe working zone
- APT will have 1 Arborist climbing and 2 Arborists for communication support on the ground during removal
- Once tree is cut down it will be cut up and disposed off site by grab truck in afternoon.

Note : Asia Tree Preservation have been engaged as our specialist subcontractor for all approved Tree felling required within Victoria Park and along Victoria Park road in future.

Regards,

David Bloxham

Position – Senior Landscape Architect

Contract No HY/2010/08

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

t: 852 – 3557 6450

m: 852 – 91884460 f: 852 – 2566 8061

e: david_bloxham@cohl.com w: <http://www.cohl.com>

From: Ryan Lewis [<mailto:RyanLewis@atptree.com>]

Sent: Tuesday, May 21, 2013 8:43 AM

To: David Bloxham

Cc: Jon Picker

Subject: RE: T 490 Method Statement

Hello David,

Regarding tree removal of T490 on Wednesday , attached please find the Method statement for the tree removal process, and safety practices during works.

As discussed please arrange to provide to fence off public from area afer 10am , Tree will be removed and cut up into pieces for removal by our grab truck in afternoon

Best regards,

Ryan Lewis

Consulting Arborist

ISA Board Certified Master Arborist OH-5202BTM

ISA Certified Municipal Specialist

ISA Certified Climber Specialist

PNWISA Certified Tree Risk Assessor

Asia Tree Preservation, Ltd.

www.atptree.com

Office: 26695126

Fax: 26695127



Appendix D
Site Hoarding Plan

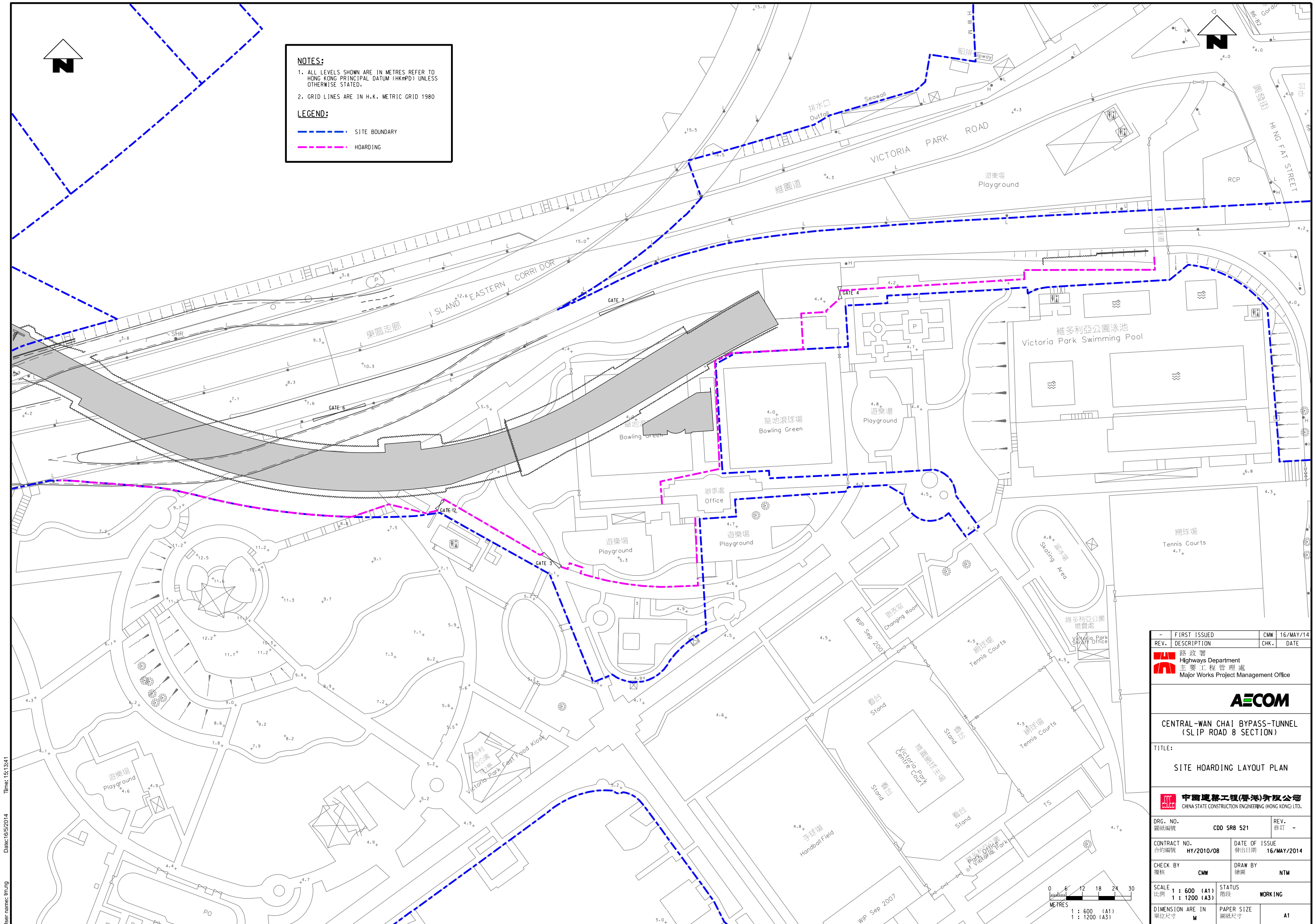


NOTES:

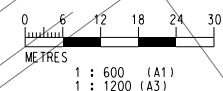
1. ALL LEVELS SHOWN ARE IN METRES REFER TO HONG KONG PRINCIPAL DATUM (HKMPD) UNLESS OTHERWISE STATED.
2. GRID LINES ARE IN H.K. METRIC GRID 1980

LEGEND:

- SITE BOUNDARY
- HOARDING



REV.	DESCRIPTION	CMW	CHK.	DATE
-	FIRST ISSUED	CMW		16/MAY/14
AECOM				
CENTRAL-WAN CHAI BYPASS-TUNNEL (SLIP ROAD 8 SECTION)				
TITLE:				
SITE HOARDING LAYOUT PLAN				
DRG. NO.	圖紙編號	CDD SR8 521	REV.	修訂
CONTRACT NO.	合約編號	HY/2010/08	DATE OF ISSUE	發出日期
CHECK BY	覆核	CMW	DRAW BY	繪圖
SCALE	比例	1 : 600 (A1) 1 : 1200 (A3)	STATUS	階段
DIMENSION ARE IN	單位尺寸	M	PAPER SIZE	圖紙尺寸
				A1



User name: tm.ng Date: 16/5/2014 Time: 15:13:41

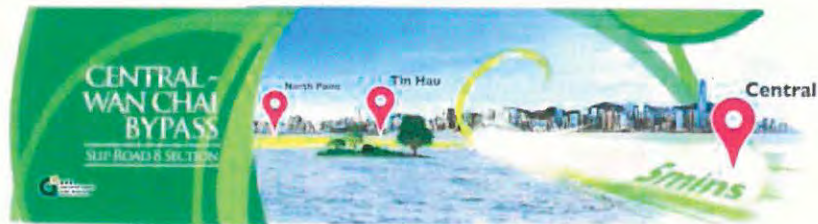


中國建築工程(香港)有限公司

CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Central Wanchai Bypass – Tunnel (Slip Road 8 Section)

Contract No. HY/2010/08



Appendix E
Planting Schedule and Planting
Location of Mitigation Measures in
Operation Phase

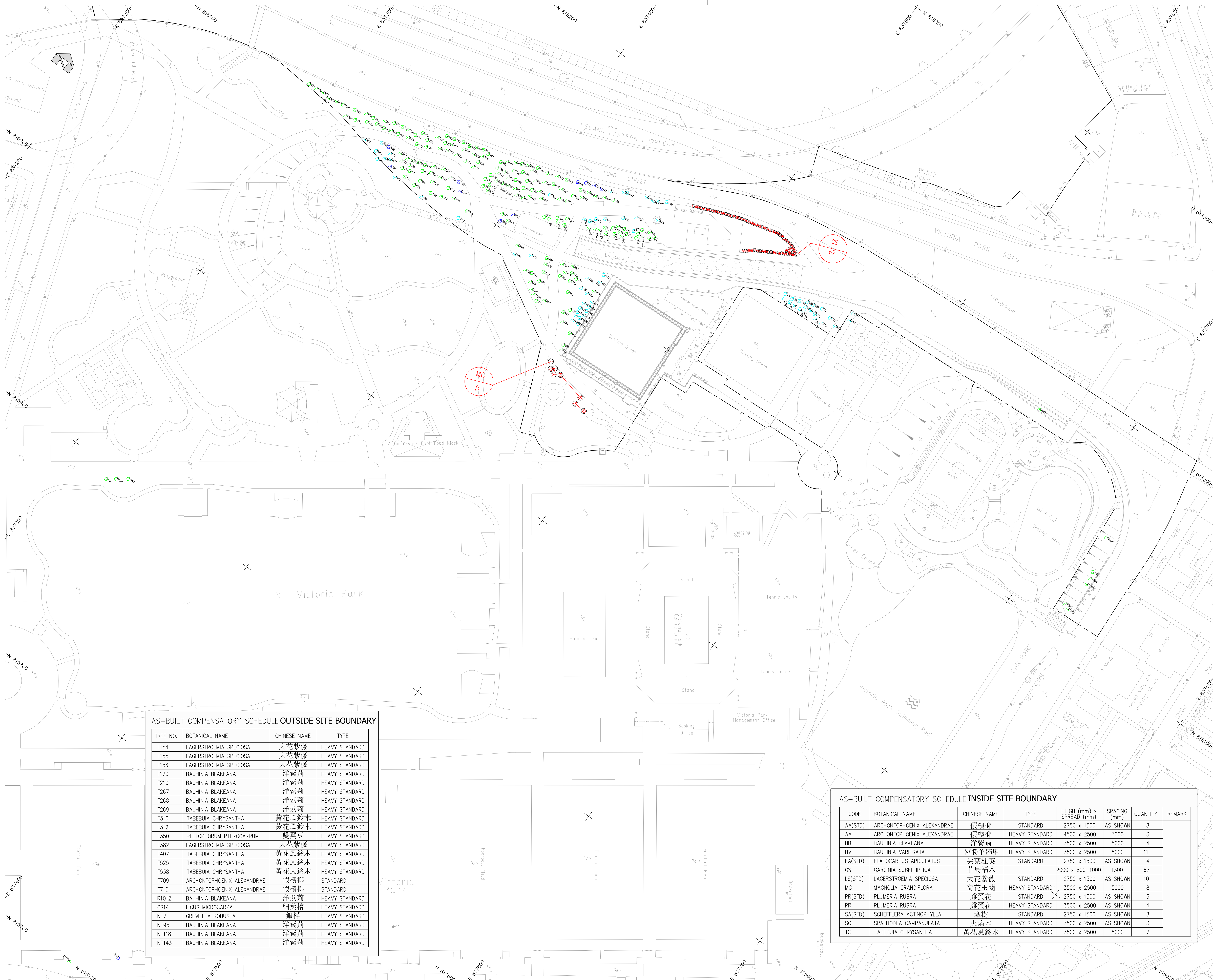
Transplanted Tree and Compensatory Retained Tree List

Tree No.	Botanical Name	Chinese Name	Compensated by another species	Chinese Name
T109	<i>Livistona chinensis</i>	蒲葵		
T110	<i>Livistona chinensis</i>	蒲葵		
T111	<i>Livistona chinensis</i>	蒲葵		
T112	<i>Livistona chinensis</i>	蒲葵		
T113	<i>Livistona chinensis</i>	蒲葵		
T114	<i>Livistona chinensis</i>	蒲葵		
T115	<i>Livistona chinensis</i>	蒲葵		
T116	<i>Livistona chinensis</i>	蒲葵		
T117	<i>Livistona chinensis</i>	蒲葵		
T118	<i>Livistona chinensis</i>	蒲葵		
T119	<i>Livistona chinensis</i>	蒲葵		
T120	<i>Livistona chinensis</i>	蒲葵		
T121	<i>Livistona chinensis</i>	蒲葵		
T122	<i>Livistona chinensis</i>	蒲葵		
T123	<i>Livistona chinensis</i>	蒲葵		
T124	<i>Livistona chinensis</i>	蒲葵		
T125	<i>Livistona chinensis</i>	蒲葵		
T126	<i>Livistona chinensis</i>	蒲葵		
T128	<i>Livistona chinensis</i>	蒲葵		
T129	<i>Erythrina variegata</i>	刺桐	<i>Tabebuia chrysantha</i>	黃花風鈴木
T130	<i>Erythrina variegata</i>	刺桐		
T157	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T159	<i>Mangifera indica</i>	芒果	<i>Tabebuia chrysantha</i>	黃花風鈴木
T160	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T161	<i>Mangifera indica</i>	芒果		
T162	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T164	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T165	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T166	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T168	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T169	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T171	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T172	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T173	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T174	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T176	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T177	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T181	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T182	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T185	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T186	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T225	<i>Livistona chinensis</i>	蒲葵		
T229	<i>Livistona chinensis</i>	蒲葵		
T239	<i>Livistona chinensis</i>	蒲葵		
T240	<i>Livistona chinensis</i>	蒲葵		
T241	<i>Lagerstroemia speciosa</i>	大花紫薇		
T242	<i>Livistona chinensis</i>	蒲葵		
T243	<i>Lagerstroemia speciosa</i>	大花紫薇		
T244	<i>Livistona chinensis</i>	蒲葵		
T246	<i>Livistona chinensis</i>	蒲葵		
T248	<i>Livistona chinensis</i>	蒲葵		

T250	<i>Livistona chinensis</i>	蒲葵		
T251	<i>Lagerstroemia speciosa</i>	大花紫薇		
T252	<i>Livistona chinensis</i>	蒲葵		
T255	<i>Livistona chinensis</i>	蒲葵		
T257	<i>Lagerstroemia speciosa</i>	大花紫薇		
T261	<i>Livistona chinensis</i>	蒲葵		
T262	<i>Livistona chinensis</i>	蒲葵		
T264	<i>Livistona chinensis</i>	蒲葵		
T281	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T321	<i>Peltophorum pterocarpum</i>	盾柱木 (雙翼豆)	<i>Tabebuia chrysantha</i>	黃花風鈴木
T324	<i>Melaleuca quinquenervia</i>	白千層		
T329	<i>Peltophorum pterocarpum</i>	盾柱木 (雙翼豆)		
T348	<i>Bauhinia variegata</i>	宮粉羊蹄甲		
T349	<i>Bauhinia variegata</i>	宮粉羊蹄甲		
T357	<i>Bauhinia variegata</i>	宮粉羊蹄甲	<i>Tabebuia chrysantha</i>	黃花風鈴木
T361	<i>Grevillea robusta</i>	銀樺		
T374	<i>Michelia x alba</i>	白蘭		
T375	<i>Michelia x alba</i>	白蘭		
T384	<i>Lagerstroemia speciosa</i>	大花紫薇		
T385	<i>Lagerstroemia speciosa</i>	大花紫薇		
T387	<i>Michelia x alba</i>	白蘭		
T388	<i>Michelia x alba</i>	白蘭		
T389	<i>Michelia x alba</i>	白蘭		
T394	<i>Michelia x alba</i>	白蘭		
T395	<i>Michelia x alba</i>	白蘭		
T396	<i>Michelia x alba</i>	白蘭		
T397	<i>Michelia x alba</i>	白蘭		
T400	<i>Michelia x alba</i>	白蘭		
T401	<i>Michelia x alba</i>	白蘭		
T403	<i>Michelia x alba</i>	白蘭		
T410	<i>Acacia auriculiformis</i>	耳果相思(耳葉相思)		
T425	<i>Lagerstroemia speciosa</i>	大花紫薇		
T432	<i>Bauhinia variegata</i>	宮粉羊蹄甲		
T436	<i>Delonix regia</i>	鳳凰木	<i>Tabebuia chrysantha</i>	黃花風鈴木
T439	<i>Delonix regia</i>	鳳凰木		
T440	<i>Bauhinia variegata</i>	宮粉羊蹄甲	<i>Bauhinia variegata var. candida</i>	白花羊蹄甲
T441	<i>Bauhinia variegata</i>	宮粉羊蹄甲		
T442	<i>Bauhinia variegata</i>	宮粉羊蹄甲	<i>Bauhinia variegata var. candida</i>	白花羊蹄甲
T445	<i>Bauhinia variegata</i>	宮粉羊蹄甲		
T447	<i>Bauhinia variegata</i>	宮粉羊蹄甲	<i>Tabebuia chrysantha</i>	黃花風鈴木
T481	<i>Hibiscus tiliaceus</i>	黃槿	<i>Tabebuia chrysantha</i>	黃花風鈴木
T489	<i>Ficus elastica</i>	印度榕(印度橡樹)		
T491	<i>Aleurites moluccana</i>	石栗	<i>Tabebuia chrysantha</i>	黃花風鈴木
T492	<i>Aleurites moluccana</i>	石栗	<i>Tabebuia chrysantha</i>	黃花風鈴木
T494	<i>Aleurites moluccana</i>	石栗	<i>Tabebuia chrysantha</i>	黃花風鈴木
T570	<i>Spathodea campanulata</i>	火焰木(火焰樹)		
T571	<i>Spathodea campanulata</i>	火焰木(火焰樹)		
T572	<i>Spathodea campanulata</i>	火焰木(火焰樹)		
T573	<i>Spathodea campanulata</i>	火焰木(火焰樹)	<i>Tabebuia chrysantha</i>	黃花風鈴木
T576	<i>Spathodea campanulata</i>	火焰木(火焰樹)		
T577	<i>Spathodea campanulata</i>	火焰木(火焰樹)	<i>Tabebuia chrysantha</i>	黃花風鈴木
T578	<i>Spathodea campanulata</i>	火焰木(火焰樹)	<i>Tabebuia chrysantha</i>	黃花風鈴木
T579	<i>Spathodea campanulata</i>	火焰木(火焰樹)		

T581	<i>Spathodea campanulata</i>	火焰木(火焰樹)	<i>Tabebuia chrysantha</i>	黃花風鈴木
T584	<i>Spathodea campanulata</i>	火焰木(火焰樹)		
T585	<i>Spathodea campanulata</i>	火焰木(火焰樹)		
T587	<i>Aleurites moluccana</i>	石栗	<i>Tabebuia chrysantha</i>	黃花風鈴木
T588	<i>Aleurites moluccana</i>	石栗	<i>Tabebuia chrysantha</i>	黃花風鈴木
T589	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)	<i>Tabebuia chrysantha</i>	黃花風鈴木
T592	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)	<i>Tabebuia chrysantha</i>	黃花風鈴木
T594	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)	<i>Tabebuia chrysantha</i>	黃花風鈴木
T596	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)	<i>Tabebuia chrysantha</i>	黃花風鈴木
T597	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)	<i>Tabebuia chrysantha</i>	黃花風鈴木
T600	<i>Bischofia javanica</i>	秋楓	<i>Tabebuia chrysantha</i>	黃花風鈴木
T603	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)	<i>Tabebuia chrysantha</i>	黃花風鈴木
T604	<i>Melaleuca quinquenervia</i>	白千層		
T605	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)	<i>Tabebuia chrysantha</i>	黃花風鈴木
T610	<i>Ficus virens</i>	大葉榕(黃葛樹)		
T616	<i>Spathodea campanulata</i>	火焰木(火焰樹)		
T617	<i>Spathodea campanulata</i>	火焰木(火焰樹)		
T618	<i>Bauhinia variegata</i>	宮粉羊蹄甲	<i>Tabebuia chrysantha</i>	黃花風鈴木
T619	<i>Crateva unilocularis</i>	樹頭菜(魚木)		
T621	<i>Crateva unilocularis</i>	樹頭菜(魚木)		
T623	<i>Cassia fistula</i>	臘腸樹(豬腸豆)		
T629	<i>Liquidambar formosana</i>	楓香		
T630	<i>Liquidambar formosana</i>	楓香		
T631	<i>Liquidambar formosana</i>	楓香		
T633	<i>Liquidambar formosana</i>	楓香		
T635	<i>Liquidambar formosana</i>	楓香		
T690	<i>Lagerstroemia speciosa</i>	大花紫薇		
T697	<i>Erythrina variegata</i>	刺桐	<i>Tabebuia chrysantha</i>	黃花風鈴木
T1093	<i>Ficus virens</i>	大葉榕(黃葛樹)		
T1129	<i>Livistona chinensis</i>	蒲葵		
T1130	<i>Livistona chinensis</i>	蒲葵		
T1131	<i>Livistona chinensis</i>	蒲葵		
T1132	<i>Livistona chinensis</i>	蒲葵		
T1133	<i>Livistona chinensis</i>	蒲葵		
TA1	<i>Lagerstroemia speciosa</i>	大花紫薇		
TA3	<i>Lagerstroemia speciosa</i>	大花紫薇		
TA4	<i>Lagerstroemia speciosa</i>	大花紫薇		
TA11	<i>Jacaranda mimosifolia</i>	藍花楹		
TA13	<i>Jacaranda mimosifolia</i>	藍花楹	<i>Tabebuia chrysantha</i>	黃花風鈴木
TA32	<i>Ficus benjamina</i>	垂葉榕		
TA33	<i>Ficus benjamina</i>	垂葉榕		
TA34	<i>Ficus benjamina</i>	垂葉榕	<i>Tabebuia chrysantha</i>	黃花風鈴木
TA37	<i>Lagerstroemia speciosa</i>	大花紫薇		
TA42	<i>Bauhinia variegata</i>	宮粉羊蹄甲		
TA44	<i>Ficus benjamina</i>	垂葉榕		
TA45	<i>Ficus benjamina</i>	垂葉榕		
TA46	<i>Ficus benjamina</i>	垂葉榕		
TA47	<i>Ficus benjamina</i>	垂葉榕		
TA49	<i>Delonix regia</i>	鳳凰木		
TA51	<i>Ficus benjamina</i>	垂葉榕		
TA59	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)	<i>Tabebuia chrysantha</i>	黃花風鈴木
TA75	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)		
TA77	<i>Liquidambar formosana</i>	楓香		
TA78	<i>Liquidambar formosana</i>	楓香		
TA80	<i>Liquidambar formosana</i>	楓香		
TA82	<i>Ficus microcarpa</i>	楓香		
TA83	<i>Ficus benjamina</i>	垂葉榕		
TA84	<i>Livistona chinensis</i>	蒲葵		
TA85	<i>Liquidambar formosana</i>	楓香		

TA87	<i>Liquidambar formosana</i>	楓香	<i>Tabebuia chrysantha</i>	黃花風鈴木
TA93	<i>Peltophorum tonkinense</i>	銀珠		
T288	<i>Ficus benjamina</i>	細葉榕		
T450	<i>Melaleuca quinquenervia</i>	白千層		
T451	<i>Taxodium distichum</i>	落羽杉		
T452	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T453	<i>Ficus virens</i>	大葉榕 (黃葛樹)		
T1097	<i>Michelia x alba</i>	白蘭		
T1990	<i>Ravenala madagascariensis</i>	旅人蕉		
T1991	<i>Plumeria rubra</i>	雞蛋花		
T1992	<i>Plumeria rubra</i>	雞蛋花		
T1993	<i>Plumeria rubra</i>	雞蛋花		
T1994	<i>Plumeria rubra</i>	雞蛋花		
T1995	<i>Plumeria rubra</i>	雞蛋花		



- NOTES:**
1. ALL LEVELS SHOWN ARE IN METRES REFER TO HONG KONG PRINCIPAL DATUM (HKMPD) UNLESS OTHERWISE STATED.
 2. GRID LINES ARE IN H.K. METRIC GRID 1980.
 3. DECIMAL POINT OF SPOT HEIGHT IS THE SURVEYED POSITION OF SURVEYED POINT.

- LEGEND :**
- EP BOUNDARY
 - T400 FINAL LOCATION OF TRANSPLANT TREES
 - T310 COMPENSATORY RETAINED TREES
 - T270 EXISTING TREES

AS-BUILT COMPENSATORY SCHEDULE OUTSIDE SITE BOUNDARY

TREE NO.	BOTANICAL NAME	CHINESE NAME	TYPE
T154	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD
T155	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD
T156	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD
T170	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T210	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T267	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T268	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T269	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
T310	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T312	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T350	PELTOPHORUM PTEROCARPUM	雙翼豆	HEAVY STANDARD
T382	LAGERSTROEMIA SPECIOSA	大花紫薇	HEAVY STANDARD
T407	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T525	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T538	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD
T709	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	STANDARD
T710	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	STANDARD
R1012	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
CS14	FICUS MICROCARPA	細葉榕	HEAVY STANDARD
NT7	GREVILLEA ROBUSTA	銀樺	HEAVY STANDARD
NT95	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
NT118	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD
NT143	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD

AS-BUILT COMPENSATORY SCHEDULE INSIDE SITE BOUNDARY

CODE	BOTANICAL NAME	CHINESE NAME	TYPE	HEIGHT(mm) x SPREAD (mm)	SPACING (mm)	QUANTITY	REMARK
AA(STD)	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	STANDARD	2750 x 1500	AS SHOWN	8	
AA	ARCHONTOPHOENIX ALEXANDRAE	假檳榔	HEAVY STANDARD	4500 x 2500	3000	3	
BB	BAUHINIA BLAKEANA	洋紫荊	HEAVY STANDARD	3500 x 2500	5000	4	
BV	BAUHINIA VARIEGATA	宮粉羊蹄甲	HEAVY STANDARD	3500 x 2500	5000	11	
EA(STD)	ELAEOCARPUS APICULATUS	尖葉杜英	STANDARD	2750 x 1500	AS SHOWN	4	
GS	GARCINIA SUBELLIPTICA	華島福木		2000 x 800-1000	1300	67	
LS(STD)	LAGERSTROEMIA SPECIOSA	大花紫薇	STANDARD	2750 x 1500	AS SHOWN	10	
MG	MAGNOLIA GRANDIFLORA	荷花玉蘭	HEAVY STANDARD	3500 x 2500	5000	8	
PR(STD)	PLUMERIA RUBRA	雞蛋花	STANDARD	2750 x 1500	AS SHOWN	3	
PR	PLUMERIA RUBRA	雞蛋花	HEAVY STANDARD	3500 x 2500	AS SHOWN	4	
SA(STD)	SCHEFFLERA ACTINOPHYLLA	傘樹	STANDARD	2750 x 1500	AS SHOWN	8	
SC	SPATHODEA CAMPANULATA	火焰木	HEAVY STANDARD	3500 x 2500	AS SHOWN	3	
TC	TABEBUIA CHRYSANTHA	黃花風鈴木	HEAVY STANDARD	3500 x 2500	5000	7	

路政署
Highways Department
主要工程管理處
Major Works Project Management Office

CENTRAL - WAN CHAI BYPASS - TUNNEL
(SLIP ROAD 8 SECTION)

TITLE AS-BUILT RECORD SURVEY PLAN
OF TREE PLANTING
AT VICTORIA PARK

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

AECOM

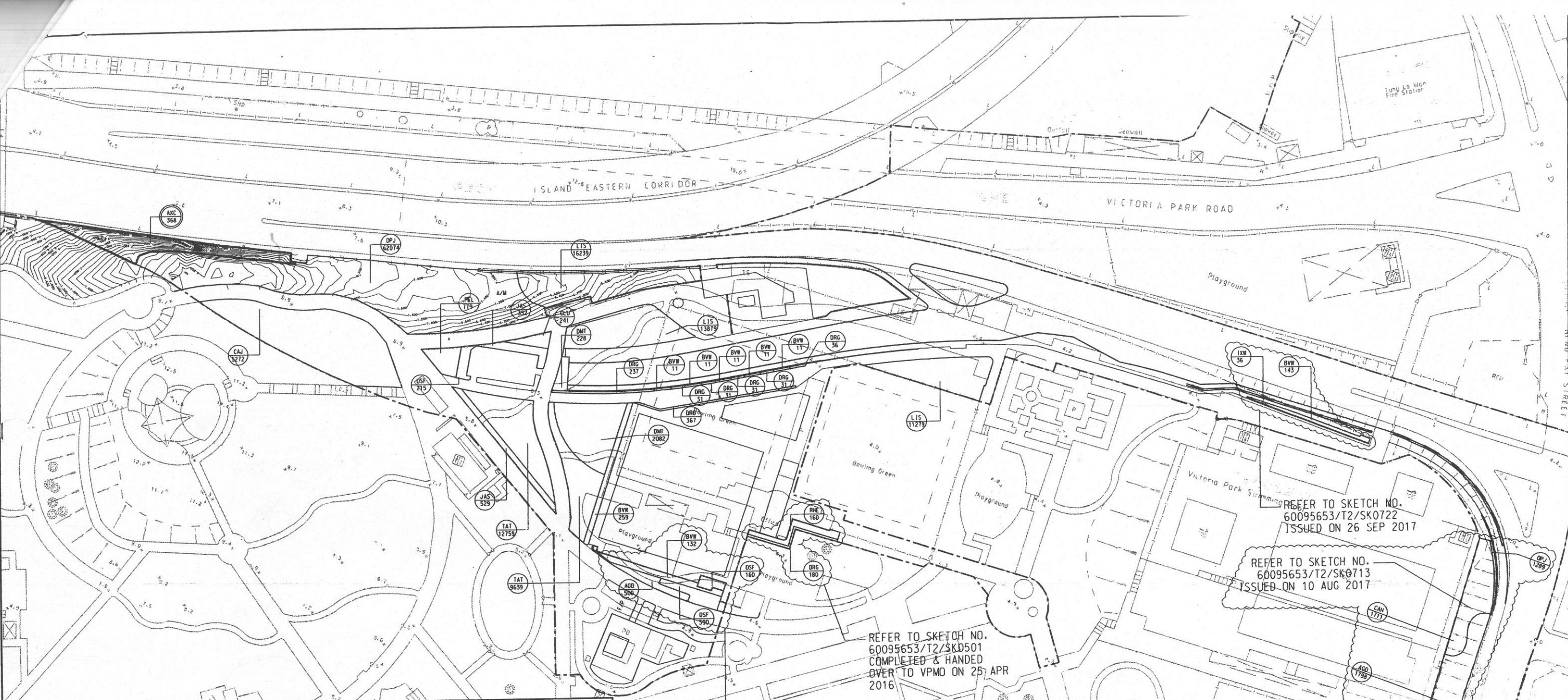
DRG. NO. CDD SR08 1961C

CONTRACT NO. HY/2010/08
合約編號
DATE OF ISSUE 19 Nov, 2020
發出日期

CHECKED BY SK Chow
覆核
DRAWN BY KC Chung
繪圖

SCALE 1:600
比例
STATUS RECORD
階段

DIMENSIONS ARE IN METRES
單位尺寸
PAPER SIZE A0
圖紙尺寸
SHEET 1 OF 1



REFER TO SKETCH NO. 60095653/T2/SK0722 ISSUED ON 26 SEP 2017

REFER TO SKETCH NO. 60095653/T2/SK0713 ISSUED ON 10 AUG 2017

REFER TO SKETCH NO. 60095653/T2/SK0501 COMPLETED & HANDED OVER TO VPMO ON 25 APR 2016

REFER TO SKETCH NO. 60095653/T2/SK0495A COMPLETED & HANDED OVER TO VPMO ON 04 FEB 2017

PLANTING SCHEDULE

CODE	BOTANICAL NAME	CHINESE NAME	SPECIFICATION (mm) LENGTH(L) x WIDTH(W)	SPACING (mm)	QUANTITY (m ²)	COMMENT	
TURF PLANTING							
AXC	AXONOPUS COMPRESSUS	地盤草/大葉草	500(L)x300(W)	N/A	368	AS PER CS CLAUSE 3.27.	
CODE	BOTANICAL NAME	CHINESE NAME	SPECIFICATION (mm) HEIGHT(H) x SPREAD(S)	SPACING (mm)	NO./M ²	QUANTITY	COMMENT
SHRUB PLANTING							
AGO	AGLAIA ODORATA	朱仔蘭	500(H)x500(S)	400	7.25	2298	PLANT ALL SPECIES IN A STAGGERED PATTERN
CAH	CALLIANDRA HAEMATOCEPHALA	紅絨球	500(H)x500(S)	400	7.25	1711	
CAJ	CAMELLIA JAPONICA	山茶	500(H)x500(S)	400	7.25	3272	
CLU	CLERODENDRUM UGANDENSE	藍蝴蝶	500(H)x500(S)	400	7.25	241	
DMT	DRACAENA MARCINATA 'TRICOLOR'	五彩鳳尾旗	500(H)x500(S)	400	7.25	2310	
DRG	DURANTA REPENS 'GOLDEN'	金邊珊瑚	400(H)x400(S)	300	12.54	944	
IXW	IXORA WILLIAMI 'SUNKIST'	櫻桃樹	300(H)x300(S)	300	12.54	36	
JAS	JASMINUM SAMBAC	茉莉	500(H)x500(S)	400	7.25	881	
OSF	OSMANTHUS FRAGRANS	桂花	500(H)x500(S)	400	7.25	765	
PEL	PENTAS LANCEOLATA	五星花	300(H)x300(S)	300	12.54	779	
RHE	RHAPIS EXCELSA	銀竹	900(H)x500(S)	400	7.25	160	
GROUND COVER PLANTING							
TAT	IRACHELOSPERMUM ASIATICUM 'TRICOLOR'	花葉錦石	100(H)x200(S)	150	44.44	22398	
LIS	LITROPE SPICATA	夏門冬 (藍草)	100(H)x200(S)	150	44.44	41397	
DPJ	OPHIPOGON JAPONICUS	沿徑草	100(H)x200(S)	150	44.44	63363	
BAMBOO PLANTING							
BVM	BAMBUSA VULGARIS CV WAMIN	大葉紅竹	1500(H)x5 SHOOT(S)	500	4	589	

NOTE:

- THIS SKETCH SHALL BE READ IN CONJUNCTION WITH DRAWING NO. 60095653/T2/2621B.

LEGEND:

- DRG 180 — SHRUB CODE QUANTITY
- AXC 180 — TURF CODE QUANTITY

Rev.	Date	Description	Drawn	Prepared	Checked
	26-01-18	FOR CONSTRUCTION	KFC	MYL	

AECOM

CENTRAL - WAN CHAI BYPASS AND IEC LINK
 CONTRACT NO. HY/2010/08
 CENTRAL - WAN CHAI BYPASS - TUNNEL
 (SLIP ROAD 8 SECTION)

TITLE: SHRUB PLANTING PLAN

EXTRACTED FROM WORKING DRAWING No. 60095653/T2/2621B

SKETCH NO. 60095653/T2/SK0771

SCALE 1:1200(A3)

Appendix F
Nursery Location



Your ref: -
Our ref: CDD/2002/L/LDS/ALL/000140
Date: 15 April 2013

By Hand

Engineer's Representatives

AECOM Asia Company Ltd.,
Central - Wanchai Bypass
8/Flr., Grand Central Plaza, Tower 2,
138 Shatin Rural Committee Road,
Sha Tin, New Territories,
Hong Kong

Attn: Mr. Peter Poon

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

Pursuant to the PS Clause 3.101(d), we would like to propose the use of the Lot Area, as the Holding Nursery of this Contract, located in Yuen Long (Ping Ha Road) as highlighted in yellow in the attached Lot Index Plan No.YL1070042013 for your review and preliminary approval purposes. Also, relevant site photographs are enclosed for your information and easy reference.

After obtaining your advice of no-objection in principle to our proposed holding nursery, we will then proceed further with the carrying out of a site survey for updating the site survey plan with contours information and taking associated photographic records for submission to you in due course for your final approval.

In addition, we are also more than happy to arrange a site visit or inspection of the proposed holding nursery site upon receipt of your request.


Should you require for the time being further information and/or clarification, please contact our Messrs. Simon Leung / Otto Lee at 9238 0852 / 9138 8828 respectively.



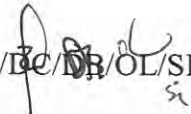
-2-

Your ref: -
Our ref: CDD/2002/L/LDS/ALL/000140
Date: 15 April 2013

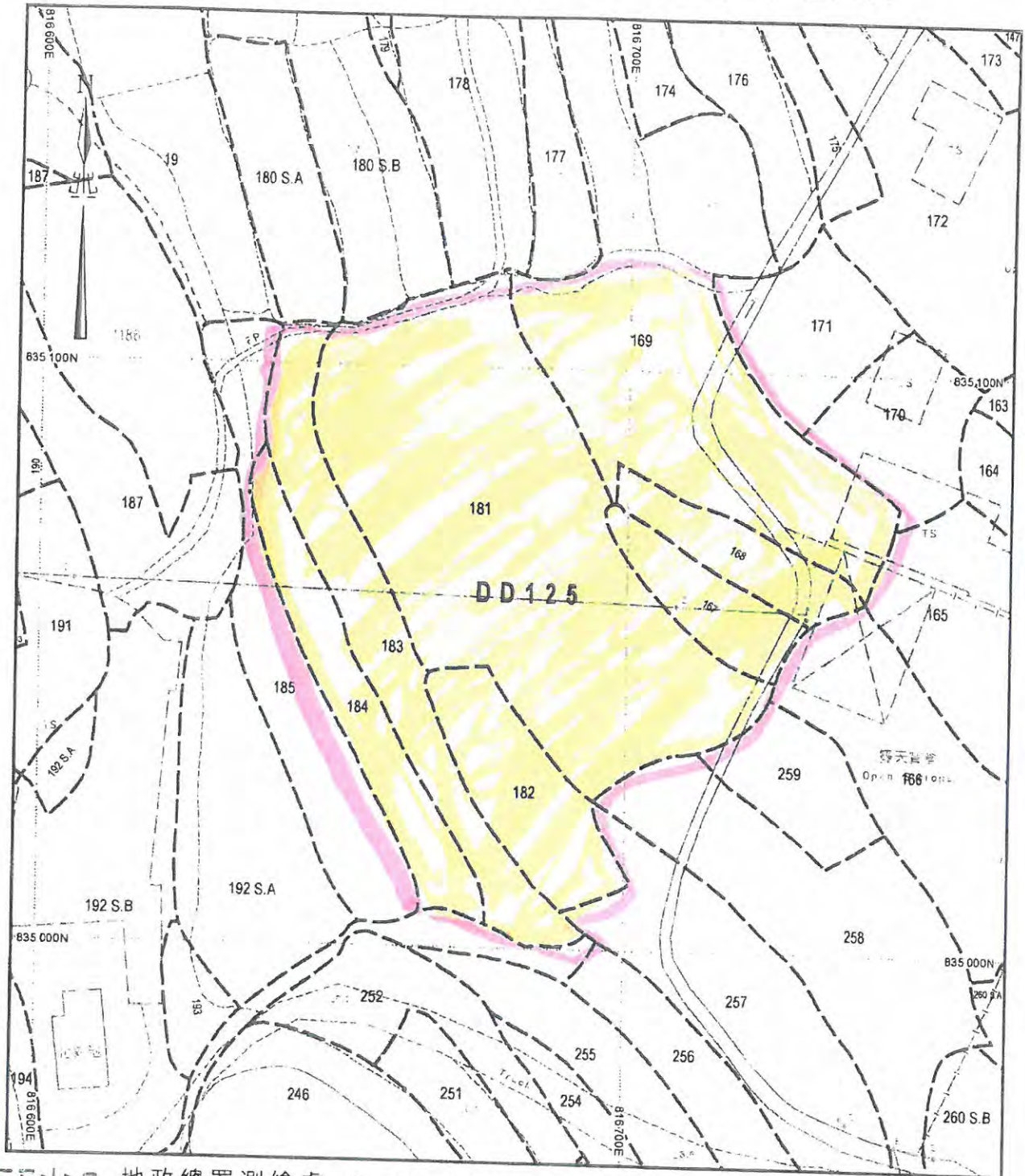
Yours faithfully,
For and on behalf of
China State Construction Engineering (Hong Kong) Ltd.


Chris Leung
Deputy Project Manager

Encl.

CL/DC/DB/OL/SL/ysk


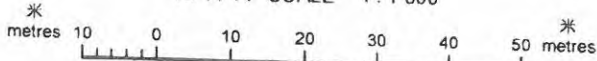
地段索引圖 LOT INDEX PLAN



FENCE 地政總署測繪處 Survey and Mapping Office, Lands Department
1.8m High

Nursery Area

比例尺 SCALE 1:1 000



Locality : YUEN LONG

Lot Index Plan No. : YL1070042013

District Survey Office : Yuen Long

Date : 11-Apr-2013

Reference No. : 6-NW-2C

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SMO-P01 20130411113019 10

本圖則乃地段索引圖的複本，顯示地段界線的大概位置，包括根據政府撥地、臨時政府撥地、短期租約及政府土地租用牌照而臨時佔用土地的位置。臨時佔用土地的情況可憑藉短期通知出現或終止，因此應向有關的分區地政專員核證。本圖則所示的資料必須透過實地測量予以核實。當有更佳或新的地界證據時，地段索引圖可能會被修訂而無須事先通知。

This plan is a copy of the lot index plan showing the approximate location of lot boundaries, including the temporary occupation of land under Government Land Allocations, Temporary Government Land Allocations, Short Term Tenancies and Government Land Licences. The temporary occupation of land may be created or terminated at short notice and should be confirmed with the District Lands Officer. The information shown on this plan **MUST** be verified by field survey. The lot index plan may be revised without prior notification as better or new boundary evidence becomes available.



Main entrance



The gate of entrance



Access to nursery



Different angle of nursery_1



Different angle of nursery_2



Different angle of nursery_3

Your Ref. : CDD/2002/L/LDS/ALL/000202
Our Ref. : CWB/(HY/2010/08)/C30/940/08B000133

29 April 2013

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

Attn.: Mr. Dave Chan

Dear Sir,

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

Proposed Offsite Holding Nursery Site Visit – Ping Ha Road Yuen Long

I refer to your above-referenced letter dated 25 April 2013 regarding the captioned subject.

I have no objection to your proposed holding nursery at Ping Ha Road, Yuen Long subject to the provision of a land lease agreement for a term of at least 5 years. You are required to undertake the clearance of all construction debris currently stocked on site and maintain a neat, tidy and litter-free condition at all time. To enable a good management to the holding nursery, please ensure to allow a passageway for maintenance works without disturbance to the transplanted trees.

Please also provide a set of site photographs, a survey plan with contour information and location plan showing major roads and access to site.

Yours faithfully,
For and on behalf of
AECOM Asia Co. Ltd.

Denis Norton
Engineer's Representative

c.c. AECOM - Attn.: Mr. Conrad Ng

DAN/TS/TH/gw

RECEIVED
- 2 MAY 2013
BY: I000204

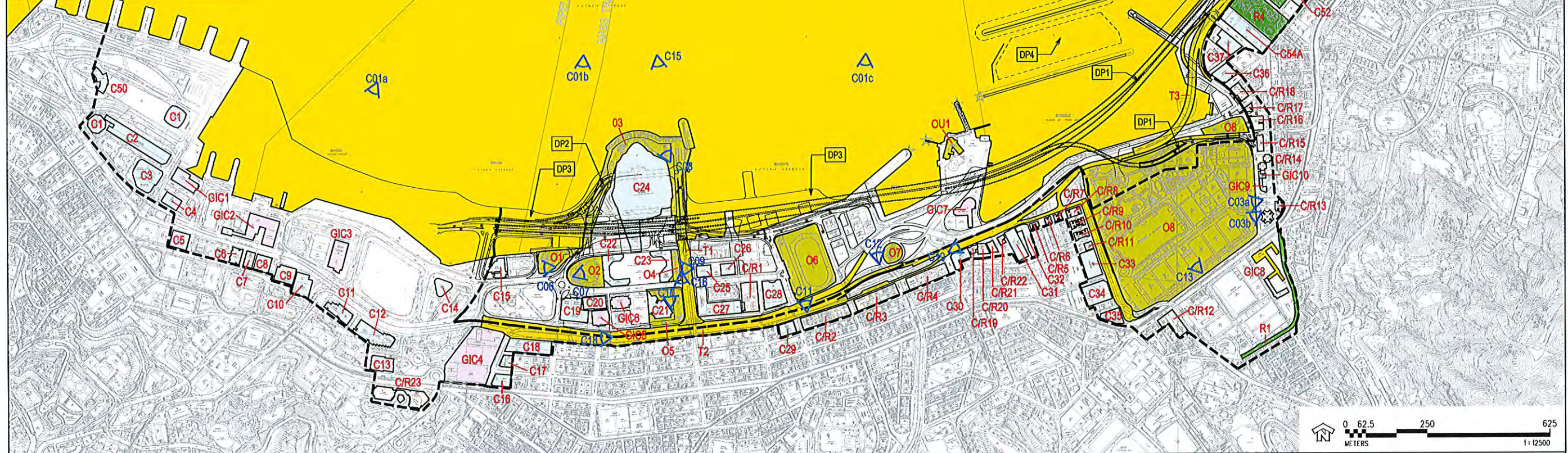
Appendix G
Location Plan of Visual Sensitive
Receivers (VSRs)

KEY FOR VISUAL SENSITIVE RECEIVERS

- | | | | |
|--|---|---|--|
| C1 International Finance Centre | C/R1 Causeway Centre | GIC1 General Post Office | R1 Residential Properties fronting Tung Lo Wan Road |
| C2 Hong Kong Station Development Phase 2 | C/R2 160-169 Gloucester Road | GIC2 City Hall | R4 Harbour Heights |
| C3 Exchange Square | C/R3 210-226 Gloucester Road | GIC3 PLA Headquarters at Tamar | R5 Residential Properties fronting King Wah Road |
| C4 Jardine House | C/R4 Elizabeth House | GIC4 Hong Kong Police Force Headquarters, May House | R6 City Garden |
| C5 Mandarin Hotel | C/R5 Riviera Mansion | GIC5 Revenue Tower | R7 Provident Centre |
| C6 Hong Kong Club | C/R6 Prospect Mansion | GIC6 Wan Chai Tower | S1 Harbour Traffic |
| C7 Ritz Carlton Hotel | C/R7 Miami Mansion | GIC7 Police Officers' Club | T1 Wanchai North Road Network - vehicular - pedestrian |
| C8 AIA Tower | C/R8 Marco Polo Mansion | GIC8 Queen's College | T2 Gloucester Road Corridor - vehicular - pedestrian |
| C9 Hutchison House | C/R9 Victoria Park Mansion | GIC9 Hing Fat Street Post Office | T3 Island Eastern Corridor |
| C10 Bank of America Tower | C/R10 Chestorfield Mansion | GIC10 Victoria Park School for the Deaf | |
| C11 Far East Financial Centre | C/R11 Greenfield Mansion | GIC11 YMCA | |
| C12 Admiralty Centre | C/R12 Properties fronting Causeway Road | GIC12 Electric Road Municipal Services Building | |
| C13 United Centre | C/R13 Park Towers | O1 Fenwick Pier Street Public Open Space | |
| C14 CITIC Tower | C/R14 Viking Garden | O2 HKCEC Open Space | |
| C15 Fleet Arcade | C/R15 50-52 Hing Fat Street | O3 HKCEC Extension Open Space and Promenade | |
| C16 Asian House | C/R16 Mayson Garden Building | O4 Renaissance Harbour View Plaza | |
| C17 Chung Nam Building | C/R17 Garden House | O5 Central Plaza Open Space | |
| C18 Fleet House, Harcourt House | C/R18 Belle House | O6 Wanchai Sports Ground | |
| C19 Telecom House, Hong Kong Arts Centre, Harbour View International House | C/R19 Top Glory Tower | O7 Tunnel Approach Rest Garden | |
| C20 Shui On Centre | C/R20 Hoi Kung Court | O8 Victoria Park | |
| C21 Central Plaza | C/R21 Hoi To Court | O9 Tsim Sha Tsui Waterfront Promenade | |
| C22 Grand Hyatt Hotel | C/R22 Hoi Daen Court | OU1 Royal Hong Kong Yacht Club | |
| C23 Renaissance Harbour View Hotel | C/R23 Pacific Place Complex | | |
| 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 Electric Centre | | | |
| C54A Sea View Estate | | | |

LEGEND

- PLANNING AND ENGINEERING REVIEW
- TUDY AREA BOUNDARY
- LIMIT OF PRIMARY ZONE OF VISUAL INFLUENCE
- C1 BOUNDARY OF KEY VSRs
- C01 PHOTO TAKING POINT WITH PHOTO NO.
- COMMERCIAL
- 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



WAN CHAI DEVELOPMENT PHASE II - PLANNING AND ENGINEERING REVIEW

KEY VSRs AND PRIMARY ZONE OF VISUAL INFLUENCE DURING CONSTRUCTION

FIGURE 10.4