



**中國建築 - 利基聯營**  
CHINA STATE - BUILD KING JOINT VENTURE

**Wan Chai Development Phase II –  
Central – Wan Chai Bypass at Wan Chai West  
Contract No. HK/2012/08**

**Final Landscape Plan**

**for FEP-12/364/2009/D (formerly FEP-09/364/2009/B)**

Revision	Date of Issue	Remarks	Prepared by	Checked by
0	16 Apr 2013	First Issue	James MA	George CHEUNG
1	27 May 2013	Revised as per ET's comments on 24 May 2013	James MA	George CHEUNG
2	13 Jun 2014	Revised as per EPD's comments dated 5 Jul 2013	James MA	Eddie CHUNG
3	23 Jul 2014	Revised as per EPD's comments dated 15 Jul 2014	James MA	Eddie CHUNG
4	15 Jul 2015	Revised to provide updates of trees handed over to other party.	James MA	Keith TSE
5	7 Jan 2020	Revised to provide updates on tree planting plan.	James MA	George CHEUNG

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## 1 Introduction

The Project [Wan Chai Development Phase II – Central - Wan Chai Bypass at Wan Chai West (Contract No. HK/2012/08)] is part of the Central-Wan Chai Bypass including its Road Tunnel and Slip Roads covered under the Environmental Permit No. EP-364/2009/G.

China State – Leader Joint Venture was granted on 5 March 2013 a Further Environmental Permit (No. FEP-09/364/2009/B) for the Contract No. HK/2012/08 under the master Environmental Permit No. EP-364/2009/B. A Further Environmental Permit (No. FEP-12/364/2009/D) for the Contract No. HK/2012/08 under the master Environmental Permit was granted to China State – Build King Joint Venture (CSBKJV) on 1 August 2016 upon change of company name from China State – Leader Joint Venture.

The scope of works for Contract No. HK/2012/08 under the FEP-12/364/2009/D mainly includes:

- Construction of a dual three-lane trunk road tunnel of approximately 310m in length (including the substructure of Middle Ventilation Building) and two slip roads.

The works area under FEP-12/364/2009/D is shown in Appendix I.

Under Condition 2.14 of Part C of the FEP-12/364/2009/D, a landscape plan has to be prepared and deposited by the permit holder to the EPD at least one month before the commencement of corresponding parts of landscape works of the Project.

The purpose of this Landscape Plan is to demonstrate the design details, locations, implementation programme, maintenance and management schedules, and drawings of the landscape and visual mitigation measures of the Project so as to reduce the landscape and visual impact during construction stage of the Project.

CITIC Tower (C14), Fleet Arcade (C15), Grand Hyatt Hotel (C22) and Hong Kong Convention and Exhibition Centre (C24) are identified to be the key Visual Sensitive receivers (VSRs) that will be affected during the construction phase of the Project. C14, C15, C22 and C24 are mapped in Appendix II.

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CSBKJV is responsible for implementing a series of “Construction Phase Landscape and Visual Mitigation Measures” as stipulated in the approved Environmental Impact Assessment (EIA) Report for Central-Wan Chai Bypass and Island Eastern Corridor Link (Register No.: AEIAR-041/2001) and the EIA Report for Wan Chai Development Phase II and Central-Wan Chai Bypass (Register No.: AEIAR-125/2008).

The requirements on landscape and visual mitigation measures during construction under the respective EIA reports are summarized as below:

Landscape and Visual Mitigation Measures	Requirements in EIA Report AEIAR-041/2001	Requirements in EIA Report AEIAR-125/2008	Corresponding Sections in This Landscape Plan
Top soil, where identified, should be stripped and stored for re-use in the construction of the soft landscape works, where practical.	Table 7.5 item 4	Table 10.5 CM1	2
Existing trees to be retained on site should be carefully protected during construction.	Table 7.5 item 3	Table 10.5 CM2	2
Trees unavoidably affected by the works should be transplanted where practical.	Table 7.5 item 4	Table 10.5 CM3	2
Compensatory tree planting should be provided to compensate for	Table 7.5 item 4	Table 10.5 CM4	2

Landscape and Visual Mitigation Measures	Requirements in EIA Report AEIAR-041/2001	Requirements in EIA Report AEIAR-125/2008	Corresponding Sections in This Landscape Plan
felled trees			
Erection of decorative screen hoarding compatible with the surrounding setting.	Table 7.5 item 1	Table 10.5 CM6	3
Control of night-time lighting.	Table 7.5 item 2	Table 10.5 CM5	4

The requirements on under the approved Environmental Impact Assessment (EIA) Report for Wan Chai Development Phase II and Central-Wan Chai Bypass (Register No.: AEIAR-125/2008) are summarized as below:

ID No.	Landscape and Visual Mitigation Measures
OM1	Aesthetic design of buildings and road-related structures, including viaducts, vent buildings, subways, footbridges and noise barriers and enclosure.
OM2	Shrub and Climbing Plants to soften proposed structures.
OM3	Buffer Tree and Shrub Planting to screen proposed roads and associated structures.
OM4	Aesthetic design of proposed waterfront promenade.
OM5	Aesthetic streetscape design.
OM6	Aesthetic design of roadside amenity areas.

The operation mitigation implemented for the Project shall refer to the Final Landscape Plan under the Further Environmental Permit (No. FEP-02/376/2009) for the Contract No. HK/2012/08.

## 2 Landscape Works

(I) General

- Topsoil, where identified, should be stripped and stored for re-use in the construction of the soft landscape works, where practicable;
- Tree survey reports, which are associated with the tree transplantation, tree felling and tree preservation, should be submitted to the Engineer and subject to the Engineer's approval;
- Despite the EIA reports not specifically mentioning the tree preservation, protection and transplanting arrangement at the site areas under this Contract, CSBKJV will endeavor to carefully execute the tree preservation, protection and transplanting works accordingly.
- The trees to be retained, transplanted and felled shall follow the tree survey plan (Drawing No. 60041297/C3/100/1600B) as shown in Appendix III;
- The survey of trees has been conducted and the latest survey result is shown in the tree survey schedule in Appendix IV;
- Photos of all trees (from tree groups 1 to 8) to be transplanted and retained are shown in Appendix X;
- Progress photos of all the transplanted trees at tree nursery will be separately provided to the Planning Department on a bi-monthly basis by Contractor;
- Progress photos of all the retained trees on site will be separately provided to the Planning Department on a bi-monthly basis by Contractor.
- The tree planting works under the Further Environmental Permit (No. FEP-12/364/2009/D) for the Contract No. HK/2012/08 shall refer to the Final Landscape Plan under the Further Environmental Permit (No. FEP-02/376/2009) for the Contract No. HK/2012/08.

(II) Tree Preservation and Protection

- Existing trees to be retained on site should be carefully protected during construction;
  - Trees to be preserved are those with status 'Retain' as per Drawing No. 60041297/C3/100/1600B and those with status 'Transplant' when they are still within the site and during the period of transplanting operations until they are moved to their receptor sites;
  - Relevant protection and horticultural / preservation measures are to be carried out during the construction period should there be any adjacent
-

works that may create physical damage to trees, soil compaction, change in ground levels, excavation/ trenching, drilling and instability including pruning and control of pest and disease where applicable;

- As a precautionary measure, preserved trees shall be temporarily fenced-off or provided with trunk protection where applicable to avoid any damage;
  - The temporary protective fencing shall be 1500-2000mm high, and shall ideally be constructed of strong, impenetrable material such as steel sheet or wooden board;
  - In certain circumstances where space for tree protection is a particular problem, protection of the tree trunk with planks will be adopted. In these cases, the ground within the root zone should be protected from compaction with mats and gravel or boards/tracks for vehicles. (It should be noted that these treatments should only be used temporarily so that anaerobic soil conditions do not build up in the root zone);
  - Referring to Drawing No. 60041297/C3/100/1600B, 6 numbers of trees would be retained under Contract No. HK/2012/08. However, the trees (T0602) and (T0601) were found to be not in a good condition as advised by the Independent Tree Specialist. The trees (T0602) and (T0601) were felled by Leisure and Cultural Services Department (LCSD) on 11 February 2014 and 24 September 2014 respectively. The advice from LCSD is shown in Appendix XIII. Hence, a total of 4 trees will be retained.
  - Should there be further trees identified, the trees will be retained in the first instance until agreement with the Engineer is sought.
  - Progress photos of all the retained trees on site will be separately provided to the Planning Department on a bi-monthly basis by Contractor.
  - Tree groups 9 (91 trees) and 10 (6 trees), as shown in Appendices XI and XII, had been transferred from CEDD Contract No. HK/2009/01 to CSBKJV for general maintenance with status “Retain” in February 2014. In January 2015, 79 trees in tree group 9 had been handed over from CSBKJV to SCL Contract No. 1128. The locations of the trees handed over to SCL Contract No. 1128 are shown in Appendix XI. The protection and preservation of existing trees on site was certified as substantially completed on 23 November 2018 as shown in Appendix XI.
-

### (III) Tree Transplanting

- Trees unavoidably affected by the construction works should be transplanted where practicable;
  - Trees identified to be transplanted will be labelled with its corresponding tree numbers as marked according to the Drawing No. 60041297/C3/100/1600B;
  - Trees will be transplanted to temporary off-site holding nursery as shown in Appendix V;
  - The holding nursery will be maintained with care;
  - The final permanent locations of the transplanted trees are to be confirmed on site with the Engineer;
  - The planting plans with plant schedules specifying plant species, sizes, spacing and quantities for the landscape works are shown in Appendix VI;
  - A 12-month maintenance period will be provided for the trees after planting;
  - Post-transplanting maintenance works will be conducted including general maintenance works during the transition period and when the trees are kept in the temporary holding nursery before being transplanted back to the Contract Site (to be agreed with the Engineer) or the establishment period;
  - A total of 37 trees is recommended to be transplanted under Contract No. HK/2012/08 according to the Drawing No. 60041297/C3/100/1600B. The tree (T0337) with status "transplant" remains on-site as no site possession for this tree is necessary. No transplant for this tree (T0337) is carried out. The Tree (A136) which is found on-site is not shown in the tree transplanting plan. This particular tree had been handled with care on site and this tree had been transplanted to the off-site holding nursery upon advice by the Independent Tree Specialist and agreement with the Engineer. A total of 37 trees are to be transplanted accordingly. However, the trees T0133 and T0134 which are shown in the tree transplanting plan cannot be found on-site. It was found that these two trees had been transplanted and maintained under Contract No. HK/2009/01. Hence, there will be only a total of 35 trees to be transplanted under Contract No. HK/2012/08 including the newly identified tree (A136).
-



Transplanted trees (T604), (T608), (T0609), (T0611), (T0612), (T0613), (T0618), (T0619), (T0620) and (T0468) were felled at the tree nursery. These felled trees will be compensated under Contract No. HK/2012/08 based on the Technical Circular (Works) No. 7/2015 – Tree Preservation. The summary of these 10 felled trees is shown in Appendix X.

- The transplanted trees (25 trees) in the holding nursery were transplanted to the receptor site at the Cross Harbour Tunnel Approach Rest Garden at Gloucester Road from 18 July 2019 to 20 July 2019. The tree planting plan and the handover record for transplanted trees at the Cross Harbour Tunnel Approach Rest Garden at Gloucester Road are shown in Appendix XIV. The 10 compensatory trees were transplanted to the EP-376 Area under Contact No. HK/2012/08 as shown in Appendix VI. The two transplanted trees (T472 and T490) which were once not acceptable to LCSD due to major structure defects received no objection from the LCSD to stay at the receptor site at the Cross Harbour Tunnel Approach Rest Garden at Gloucester Road for establishment works under WDII (Refers to Appendix XIV).

#### (IV) Tree Felling

- Trees identified to be felled will be labelled with their corresponding tree numbers as marked according to the Drawing No. 60041297/C3/100/1600B;
- The trees to be felled are approved by the Lands Department - the District Lands Office (DLO);
- The trees to be felled will be cut and removed under close supervision;
- A total of 11 trees will be felled on-site under Contract No. HK/2012/08 according to the Drawing No. 60041297/C3/100/1600B.

#### (V) Compensatory Tree Planting

- Compensatory tree planting during the transplanting stages, as the case may happen, shall replace the transplanting trees being certified dead or damaged as to be in agreement with the Engineer;
  - Replacement shall be of new trees of the same species and of similar size;
  - If replacement of the same size could not be found in the market, CSBKJV will provide alternatives for the Engineer's approval.
-

- 10 compensatory trees were transplanted to the EP-376 Area under Contract No. HK/2012/08 as shown in Appendix VI.

Below is the Table which shows the latest tree status:

Description	No. of trees
Total number of transplanted trees to tree nursery site under FEP-12/364/2009/D by Contract No. HK/2012/08	35
Number of transplanted trees to EP-376 Area by Contract No. HK/2012/08	0
Number of transplanted trees to the Cross Harbour Tunnel Approach Rest Garden at Gloucester Road by Contract No. HK/2012/08	25
Number of felled trees at tree nursery site of Contract No. HK/2012/08	10
Number of compensatory trees to EP-376 Area under Contract No. HK/2012/08	10

### 3 Erection of Decorative Screen Hoarding (Completed)

#### (I) Sources of Landscape Impact

Sources of impact during the construction phase would include:

- Tunnel construction;
- Diaphragm wall construction;
- Middle ventilation building sub-structure construction;
- Road formation and earthworks;
- Construction site traffics;
- Night-time lighting and welding; and
- Dust accumulation during dry weather.

#### (II) Location, Design and Fixing Details of Hoarding

The location plan of the decorative screen hoarding for WDII under the Project is shown in Appendix VII and the graphic panels for decorative screen hoarding and its fixing details are shown in Appendix VIII. Liaison and discussion with the owner of Fleet Arcade (C15) will be made before and during the construction works in the vicinity for the mitigation measures on the potential visual impact to them.

#### **4 Control of Night-time Lighting (Completed)**

The Night-time Lighting mentioned in Section 4 has made reference to the Guidelines on Industry Best Practices for External Lighting Installations issued by the Environment Bureau dated January 2012.

##### **(I) Sources of Impact**

Sources of impact in the night-time construction phase would include:

- Tunnel construction;
- Diaphragm wall construction;
- Middle ventilation building sub-structure construction;
- Road formation and earthworks;
- Construction site traffics;
- Night-time lighting and welding.

##### **(II) Control Measures**

- Any night-time work that needs to be conducted will be carefully planned to minimize the amount of external lighting that would be required;
  - The use of equipment headlights / lighting will be first evaluated to determine sufficiency based on the task and to minimize the use of portable lighting devices;
  - External lighting from plant and equipment will be switched off when not needed or after night-time works;
  - Only essential lighting (e.g. lighting for safety and security) will be maintained at the acceptable level as required;
  - Over-illumination of works areas will be avoided to minimize the possibility of light pollution;
  - The lighting will be positioned and aimed to avoid overspill of light to outside the works areas being lit up
  - External lighting from plant and equipment will be appropriately positioned, aimed or shielded so that illumination of nearby roads, if any, will not be adversely affected;
  - Lighting will be directed towards work areas and away from neighboring properties;
  - Proper siting of construction activities on the layout can reduce a potential lighting nuisance;
  - Lighting will be switched off when it is not operationally required or dimmed down when a high illumination level is not essential;
-

- In the event that the portable lighting devices be used, they will be orientated away from visual sensitive areas and used sparingly when required. The masts of the lighting will be kept at distances that would minimize the nuisance of light to the neighbouring community, while still providing a safe working environment for workers involved in the task; and
- Use of vegetative and landscape buffers and other site and project elements will be adopted.

## 5 Implementation Programme, Maintenance and Management Schedule (Completed)

### (I) Implementation Programme

Item	Mitigation Measures	Location / Timing
Landscape Works	Retain, protect and transplant of trees	Entire Works Areas and Throughout Construction Period
Decorative Screen Hoarding	Erection of Decorative Screen Hoarding	Entire Works Areas and Throughout Construction Period
Night-time Lighting	Control of Night-time Lighting	Entire Works Areas and Throughout Construction Period

### (II) Maintenance and Management Schedule

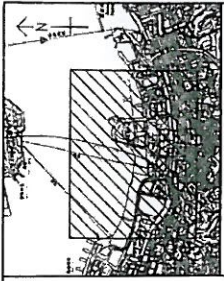
The implementation schedule for landscape and visual mitigation measures is shown in Appendix IX and the details on maintenance and management schedule is shown below:

Item	Maintenance and Management Schedule
Landscape Works	<ul style="list-style-type: none"> <li>• Tree protection measures will be provided daily and checked by tree supervisor routinely;</li> <li>• Tree transplanting works will be carried out by independent tree specialist and experienced sub-contractor under the supervision of consultant and main contractor;</li> <li>• Maintenance works for tree planting are implemented on a regular basis under FEP-02/376/2009 according to the horticultural year plan in Appendix XV.</li> </ul>
Decorative	<ul style="list-style-type: none"> <li>• Daily cleaning will be carried out to prevent accumulation of</li> </ul>

<b>Item</b>	<b>Maintenance and Management Schedule</b>
Screen Hoarding	<p>debris along the site boundary area and weekly inspection will be carried out to maintain the apparent quality of the decorative screen hoarding; and</p> <ul style="list-style-type: none"><li>• If any damage is identified, repairing works will be carried out as soon as possible for the affected decorative screen hoarding panels.</li></ul>
Night-time Lighting	<ul style="list-style-type: none"><li>• Designated site personnel will monitor the lighting impact during night-time construction work; and</li><li>• Lighting devices will be repositioned, redirected, lowered or shielded immediately if any public concern or complaint is received.</li></ul>

## Appendix I

Layout Plan for Works Area under FEP-12/364/2009/D



**LEGEND:**

- SITE BOUNDARY

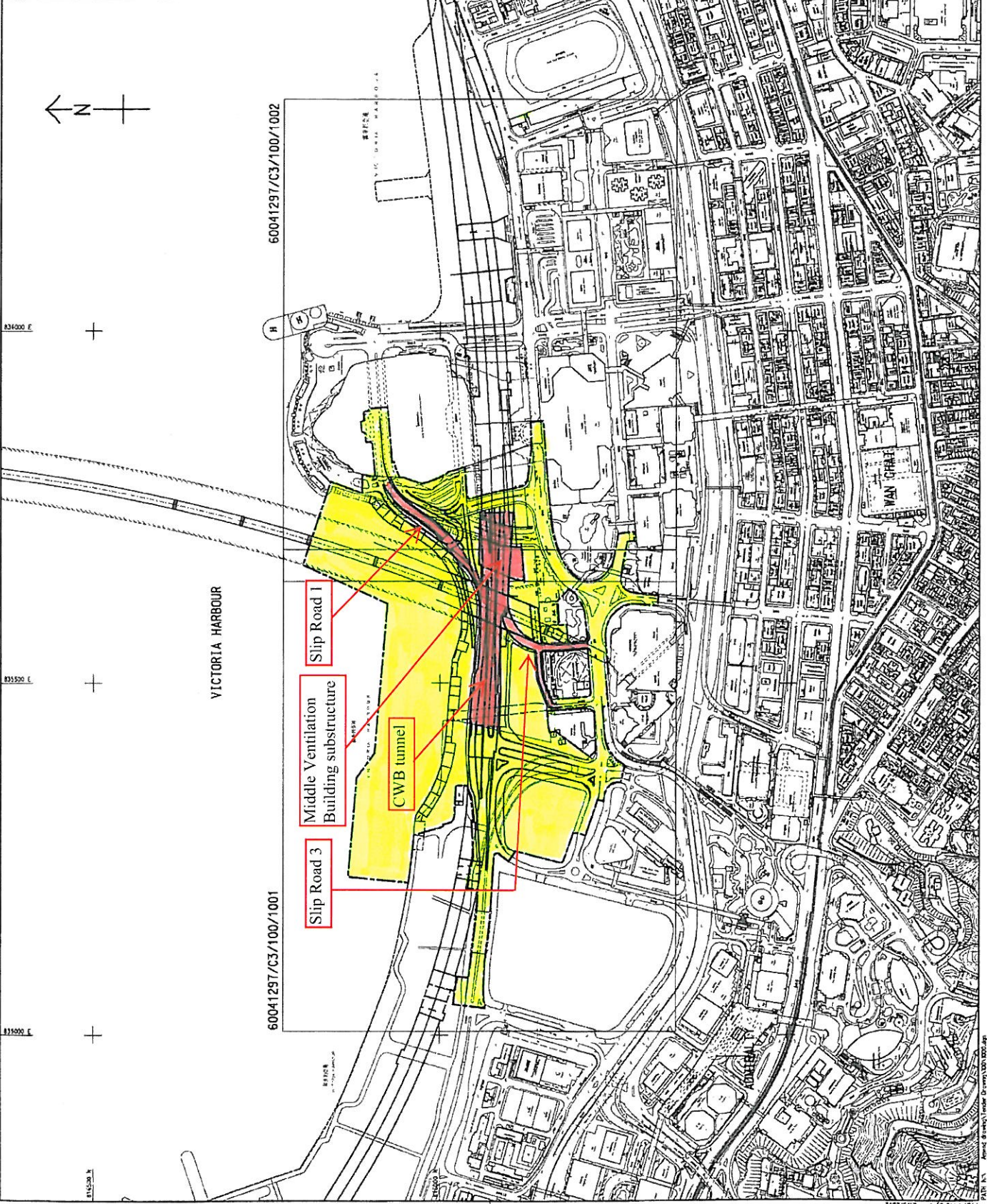
Site Area within site boundary

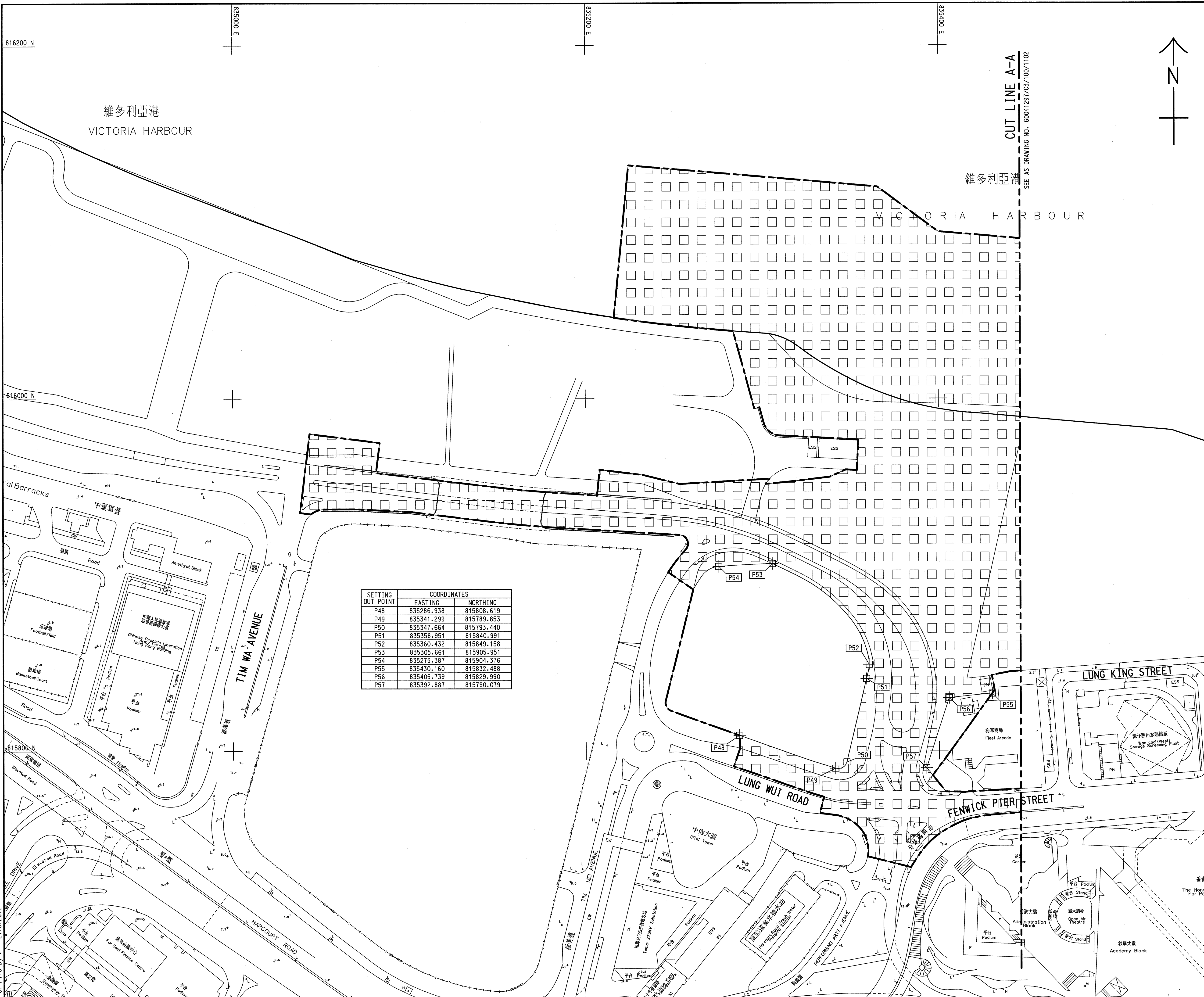
Site Area under FEP-12/364/2009/D

**WAN CHAI DEVELOPMENT PHASE II**  
WAN CHAI DEVELOPMENT PHASE II  
CENTRAL WAN CHAI BYPASS AT WAN CHAI MK33

General Layout of the Project

PROJECT NO.	WCH/02/12/08	DATE	18/01/12
SCALE	1:1000	DATE	18/01/12
DATE	11/12/10	DATE	11/12/10
PROJECT	WAN CHAI	DATE	11/12/10
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816200 N

835000 E

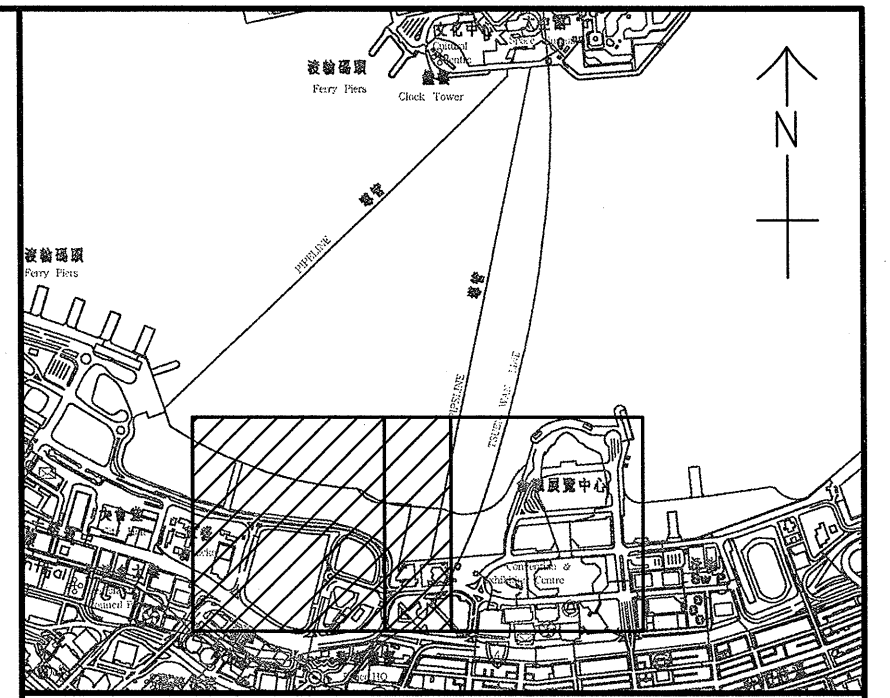
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835400 E

維多利亞港  
VICTORIA HARBOUR

維多利亞港  
VICTORIA HARBOUR

CUT LINE A-A  
SEE AS DRAWING NO. 60041297/C3/100/1102



KEY PLAN  
SCALE 1 : 20000

- NOTES:**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING NO. 60041297/C3/100/1102.
  - COORDINATES ARE BASED ON HONG KONG METRIC GRID (1980) UNLESS OTHERWISE NOTED.
  - LEVELS ARE IN METRES RELATIVE TO HONG KONG PRINCIPAL DATUM (HPD) UNLESS OTHERWISE NOTED.
  - DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
  - SETTING OUT DIMENSIONS, LEVELS, COORDINATES ARE TO BE CALCULATED BY THE CONTRACTOR. NO INFORMATION SHOULD BE SCALED PHYSICALLY OR ELECTRONICALLY FROM THE DRAWINGS OR FILES.
  - SITE BOUNDARY SETTING OUT POINTS SHALL REFER TO DRAWING NOS. 60041297/C3/100/1011 & 1012.

- LEGEND:**
- SITE BOUNDARY
  - PORTION 1
  - PORTION 1A
  - PORTION 1C
  - PORTION 1D
  - PORTION 2
  - PORTION 2A
  - PORTION 3
  - PORTION 4
  - PORTION 7A
  - PORTION 7B
  - PORTION 7C
  - PORTION OF SITE SETTING OUT POINT

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
P48	835286.938	815808.619
P49	835341.299	815789.853
P50	835347.664	815793.440
P51	835358.951	815840.991
P52	835360.432	815849.158
P53	835305.661	815905.951
P54	835275.387	815904.376
P55	835430.160	815832.488
P56	835405.739	815829.990
P57	835392.887	815790.079

REV.	DESCRIPTION	D.C.	P.C.	DATE
01	內務圖			

**WAN CHAI DEVELOPMENT PHASE II**

General Layout under Contract No. HK/2012/08

SHEET 1 OF 2

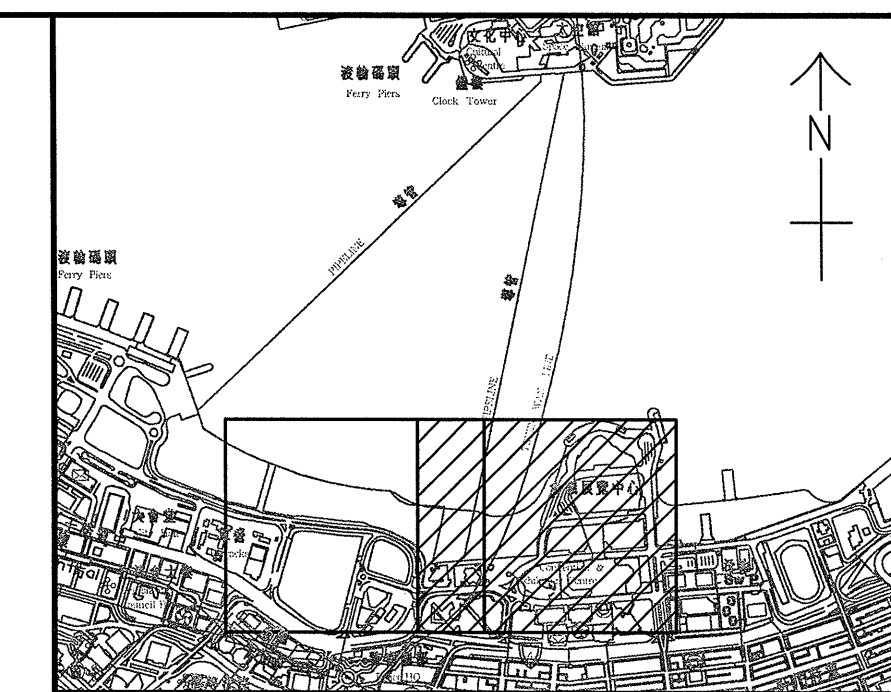
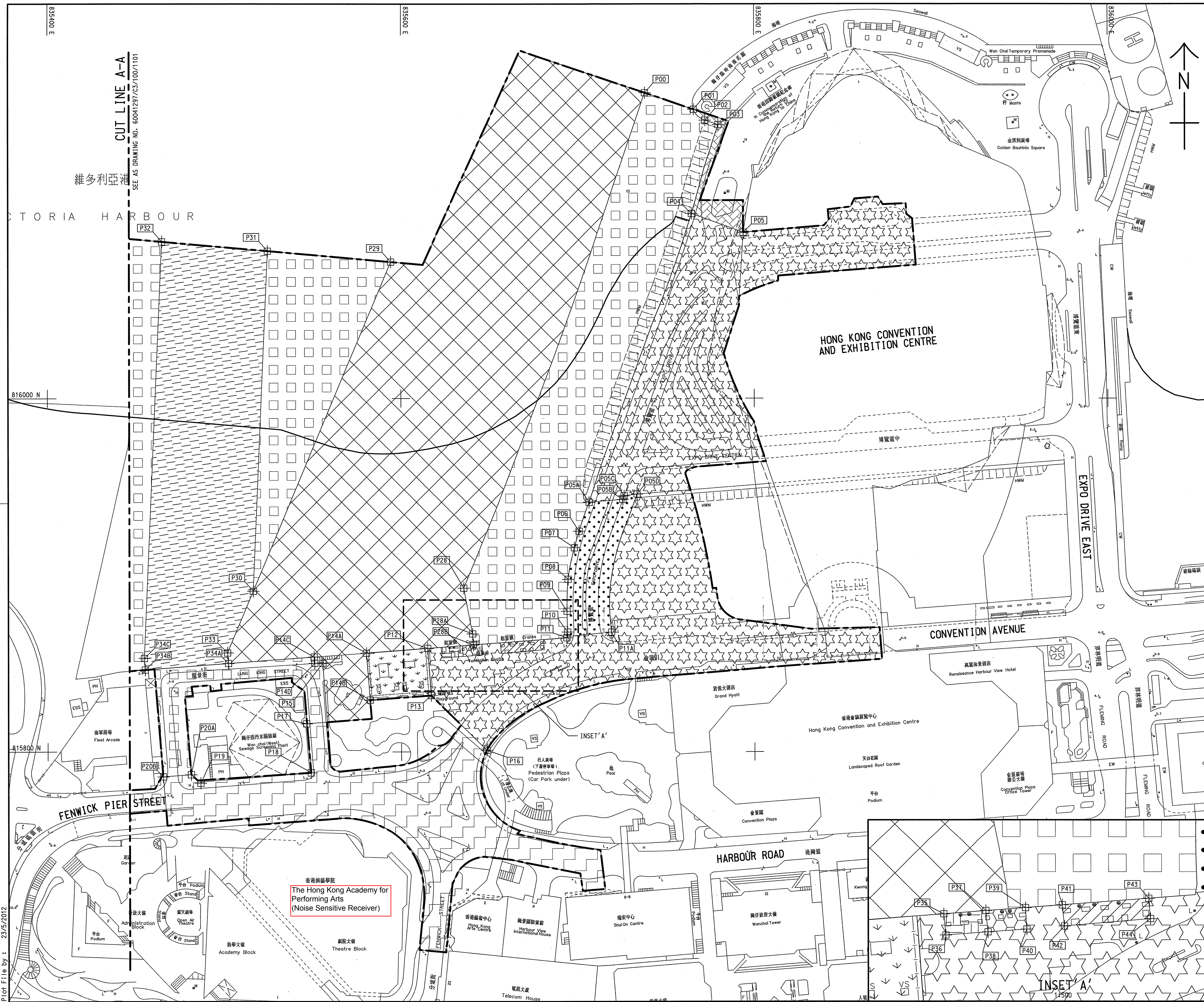
DRG. NO. 圖紙編號 60041297/C3/100/1101

DESIGNED BY 設計 ST  
 CONTRACT NO. 合約編號 HK/2012/08  
 P. Dir. APPROVED 核准人 TKH

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 STATUS 階段  
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Plot File by : 21/5/2012





KEY PLAN  
SCALE 1 : 2000

- NOTES:**
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  - FOR NOTES AND LEGEND, REFER TO DRAWING NO. 60041297/C3/100/1101.

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
P00	835738.175	816173.081
P01	835765.748	816163.776
P02	835772.245	816157.539
P03	835779.732	816155.047
P04	835764.593	816104.538
P05	835793.834	816093.810
P05A	835706.435	815941.214
P05B	835725.524	815942.734
P05C	835726.280	815944.846
P05D	835733.564	815945.770
P06	835700.770	815924.945
P07	835698.098	815915.569
P08	835694.510	815897.644
P09	835693.898	815879.513
P10	835694.205	815867.667
P11	835693.740	815864.370
P11A	835719.007	815867.538
P12	835614.956	815858.431
P13	835617.952	815831.809
P14A	835580.205	815855.706
P14B	835582.361	815849.928
P14C	835550.675	815853.528
P14D	835551.006	815849.966
P15	835555.535	815818.612
P16	835648.359	815800.938
P17	835546.365	815815.792
P18	835548.892	815788.138
P19	835486.433	815782.243
P20A	835481.092	815787.056
P20B	835465.309	815785.873
P28	835635.452	815892.598
P28A	835640.377	815866.613
P28B	835640.823	815860.384
P29	835594.299	816077.375
P30	835516.317	815890.820
P31	835524.611	816083.485
P32	835594.299	816077.375
P33	835501.694	815855.838
P34A	835502.178	815849.829
P34B	835455.087	815846.162
P34C	835454.624	815852.778
P35	835622.572	815859.001
P36	835623.144	815853.003
P37	835634.478	815859.905
P38	835635.075	815853.869
P39	835645.670	815860.745
P40	835646.068	815854.666
P41	835656.183	815861.541
P42	835656.708	815855.546
P43	835680.564	815863.378
P44	835681.064	815857.655

WAN CHAI DEVELOPMENT PHASE II

General Layout under Contract No. HK/2012/08

SHEET 2 OF 2

DRG.NO. 60041297/C3/100/1102  
圖紙編號

DESIGNED BY ST  
DRAWN BY TS  
SCALE 1:1000  
DIMENSIONS ARE IN METRES

CONTRACT NO. HK/2012/08  
STATUS 備註  
APPROVED BY TKH

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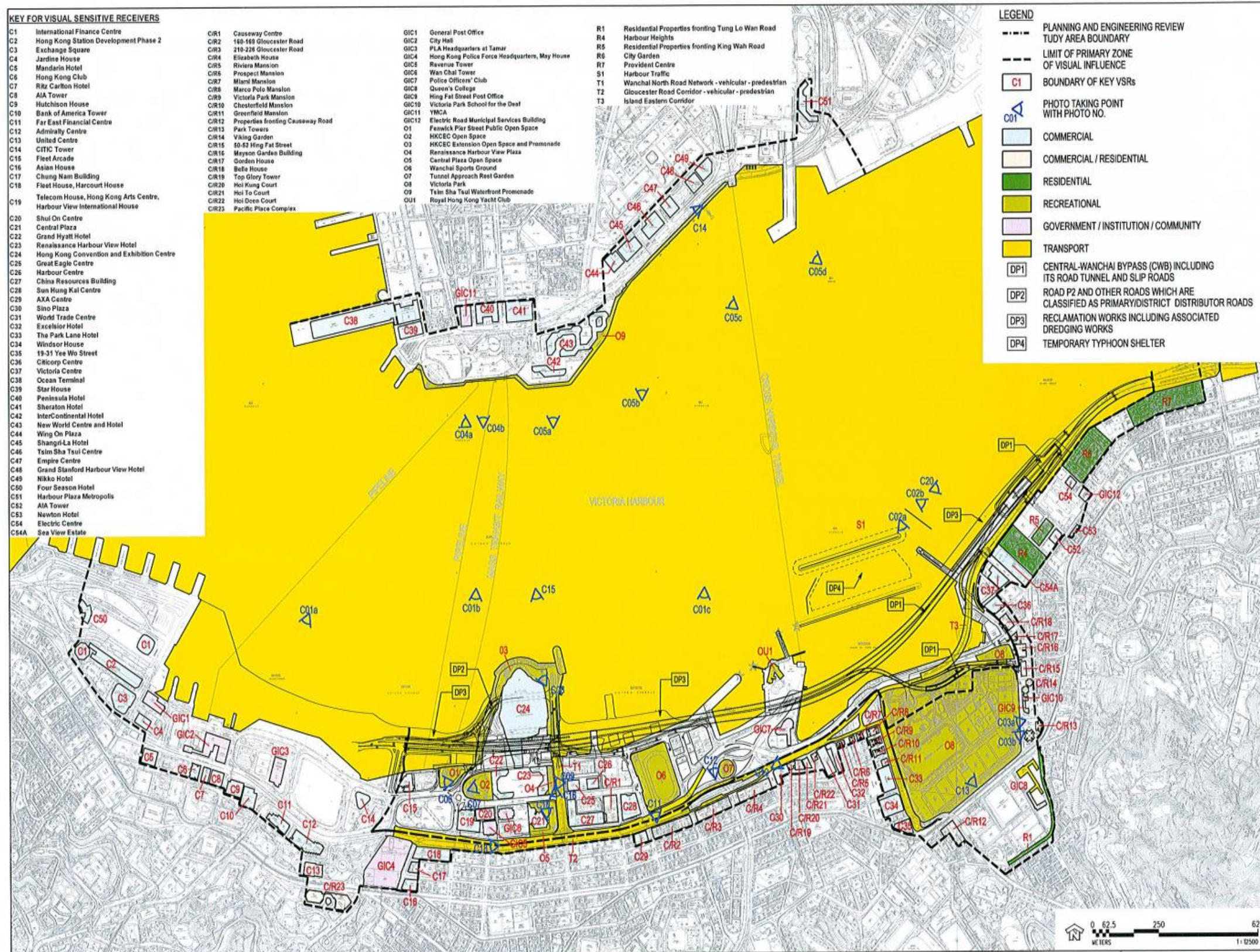
Plot File by : 23/5/2012

CUT LINE A-A  
SEE AS DRAWING NO. 60041297/C3/100/1101

香港演藝學院  
The Hong Kong Academy for Performing Arts  
(Noise Sensitive Receiver)

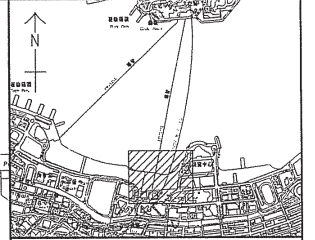
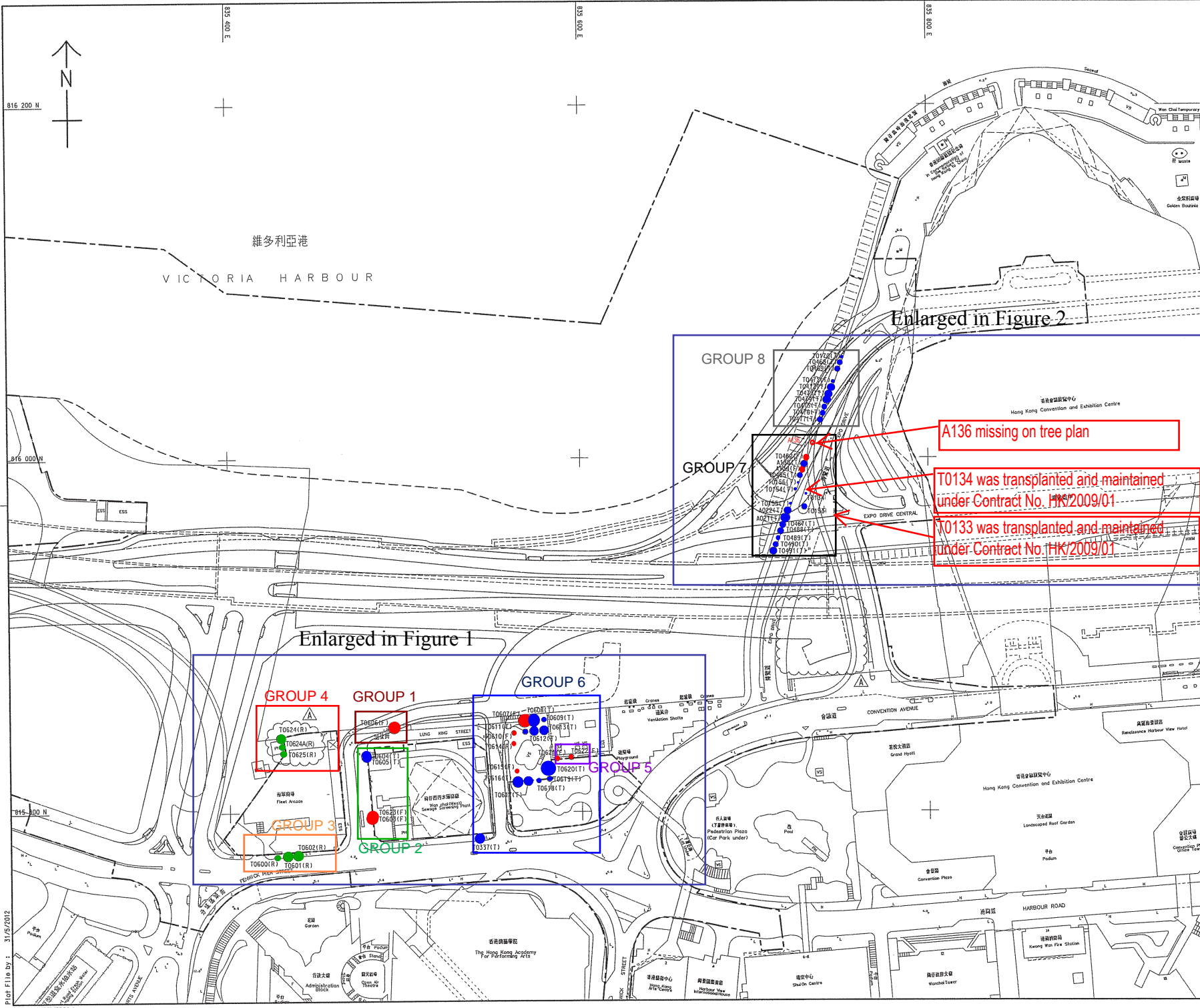
## Appendix II

### Location Plan of Visual Sensitive Receivers



## Appendix III

### Tree Survey Plan for Tree Groups 1 to 8



KEY PLAN  
SCALE 1 : 20000

- LEGEND:
- SITE BOUNDARY
  - T0608(T) EXISTING TREE TO BE TRANSPLANTED
  - T0602(R) EXISTING TREE TO BE RETAINED
  - T0606(F) EXISTING TREE TO BE FELLED

A136 missing on tree plan

T0134 was transplanted and maintained under Contract No. HK/2009/01

T0133 was transplanted and maintained under Contract No. HK/2009/01

A	TENDER ADDENDUM NO.1	CYKY	WHL	JUN 12
B	TENDER DRAWING	CYKY	WHL	MAY 12
REV	DESCRIPTION	DATE	BY	CHECKED

WAN CHAI DEVELOPMENT PHASE II  
WAN CHAI DEVELOPMENT PHASE II - CENTRAL - WAN CHAI BYPASS AT WAN CHAI WEST  
TREE TRANSPLANTING PLAN

60041297/C3/100/1600B

DESIGNED BY ST	CONTRACT NO. HK/2012/08	P. E.C. APPROVED TKH
DRAWN BY TS	STATUS	
SCALE A1 1:1000	DATE	
UNIT METRES		

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Plot File By : 31/5/2012

PATH : \1001600A.dgn

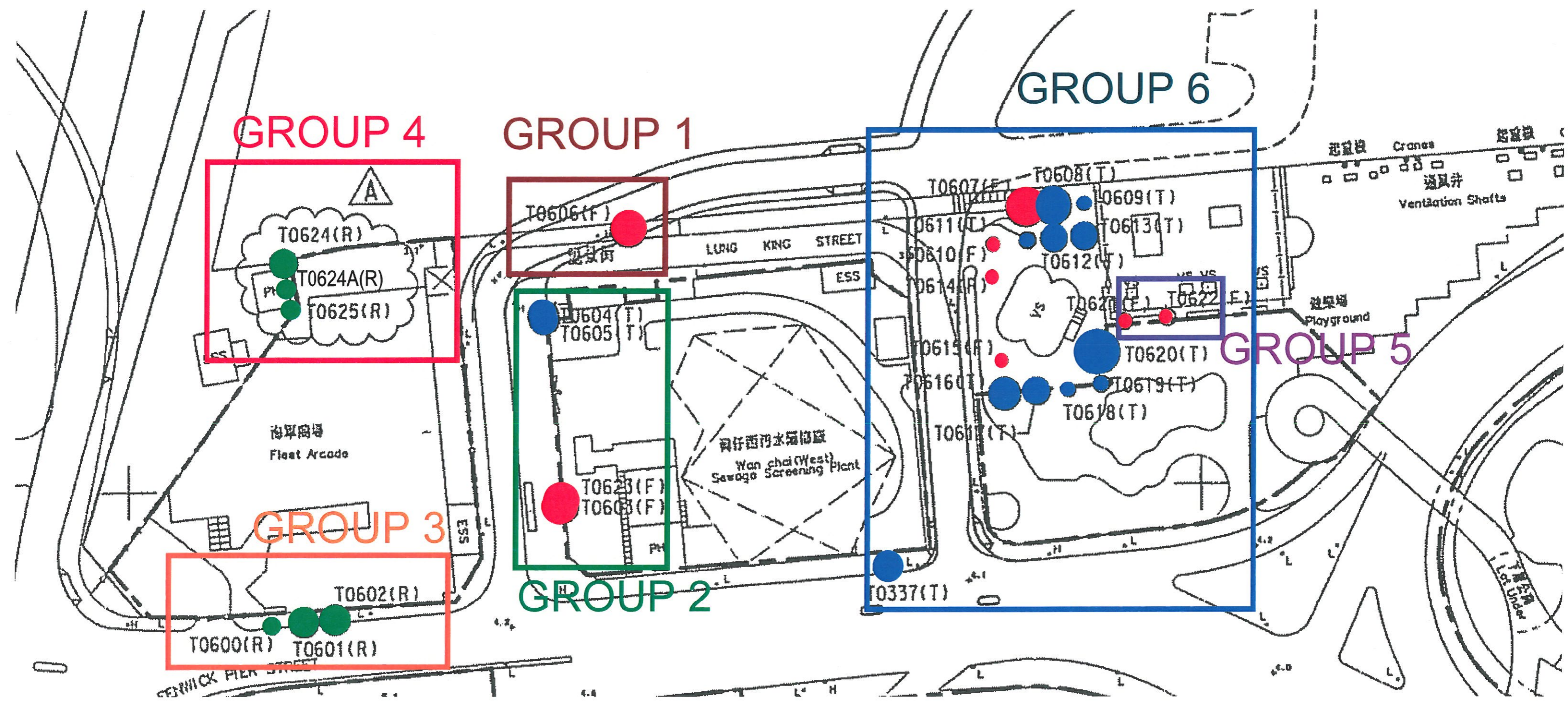


Figure 1 Tree Transplanting Plan (1)

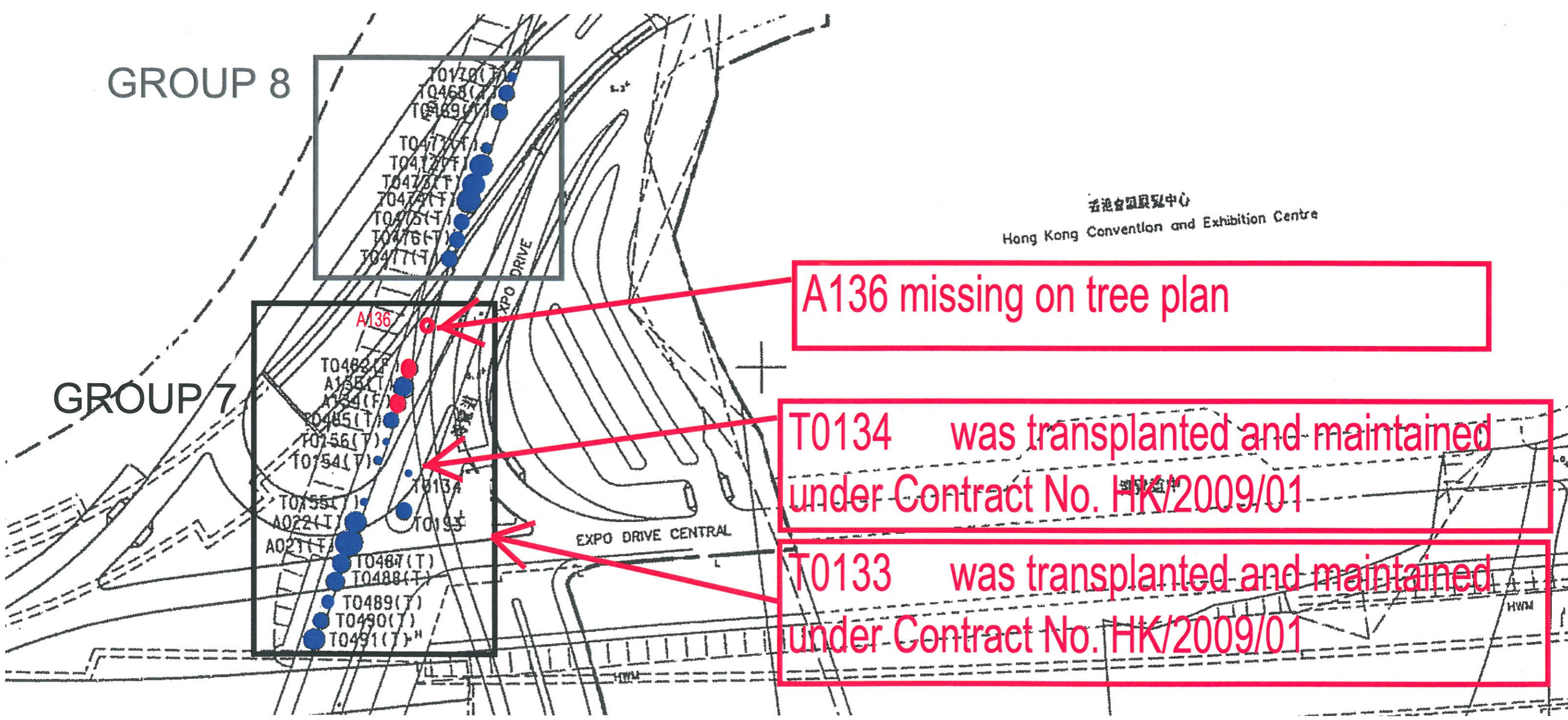


Figure 2 Tree Transplanting Plan (2)

## Appendix IV

### Tree Survey Schedule for Tree Groups 1 to 8



**Contract No. HK/2012/08**  
**Wan Chai Development Phase II - Central-Wan Chai Bypass at Wan Chai West**

Ref. No. : TS1375-06

Initial issue date : 18-Jul-13

Rev. date : 31/10/2019

Tree Survey - Tree Schedule

Group No.	Tree No.	Chinese Name	Botanical name	DIA.(mm)	Spread(m)	Height(m)	Health (G/F/P)	Structural(G/F/P)	Ground Level	Recommendation	Remarks	Status
1	T0606	細葉榕	<i>Ficus microcarpa</i>	200	7	4.5	Fair	Fair	+3.95mPD	Fell	Tree on wall at the edge of road, felled on 15-7-2013	-
2	T0603	糖膠樹	<i>Alstonia scholaris</i>	230	5	8	Fair	Fair	+4.07mPD	Fell	Growing close to T0623, felled on 29-7-2013	-
	T0604	木棉	<i>Bombax ceiba</i>	300	6	9	Fair	Fair	+3.92mPD	Transplant and Felled	Growing close to T0605, paved pit. Felled as reviewed by LCSD dated 11-07-2019	-
	T0605	糖膠樹	<i>Alstonia scholaris</i>	300	10	8	Fair	Fair	+3.92mPD	Transplant	Growing close to T0604, paved pit	-
	T0623	假菩提樹	<i>Ficus rumphii</i>	200	12	10	Fair	Fair	+4.07mPD	Fell	Growing close to T0603, felled on 29-7-2013	-
3	T0600	石栗	<i>Aleurites moluccana</i>	100	4	5	Poor	Poor	+4.05mPD	Retain but felled	Found dead and felled by LCSD in early April 2018	-
	T0601	石栗	<i>Aleurites moluccana</i>	150	8	8	Fair	Fair	+4.12mPD	Retain but felled	Found dead and felled by LCSD on 2014.9.24	-
	T0602	石栗	<i>Aleurites moluccana</i>	250	9	8	Fair	Fair	+4.13mPD	Retain but felled	Smaller leaves, defoliation. Found dead and felled by LCSD on 2014.2.11	-
4	T0624	朴樹	<i>Celtis sinensis</i>	210	13	7	Fair	Fair	+4.33mPD	Retain	Handed over to SCL 1123 on 31 Dec 2015	-
	T0624A	朴樹	<i>Celtis sinensis</i>	120	13	5.5	Fair	Fair	+4.33mPD	Retain	Handed over to SCL 1123 on 31 Dec 2015	-
	T0625	青果榕	<i>Ficus variegata</i>	220	8	7	Poor	Poor	+3.73mPD	Retain	Handed over to SCL 1123 on 31 Dec 2015	-
5	T0621	黃槿	<i>Hibiscus tiliaceus</i>	200	10	7	Fair	Fair	+3.39mPD	Fell	Curved trunk, tree crown in contact with the building, felled on 9-8-2013	-
	T0622	番石榴	<i>Psidium guajava</i>	100	4	4	Fair	Fair	+3.41mPD	Fell	Tree crown in contact with the building, felled on 9-8-2013	-
6	T0337	石栗	<i>Aleurites moluccana</i>	-	-	-	-	-	+3.97mPD	No Transplant	No transplant is necessary as site possession not required	-
	T0607	黃槿	<i>Hibiscus tiliaceus</i>	350	10	8	Fair	Fair	+3.44mPD	Fell	Pests, felled on 29-7-2013	-
	T0608	黃槿	<i>Hibiscus tiliaceus</i>	400	12	9	Fair	Fair	+3.36mPD	Transplant and Dead	Nature dead. Recommended to be felled by ITS on 2016.3.17. Felled on 2016.5.13	-
	T0609	血桐	<i>Macaranga tanarius</i>	150	4	4	Poor	Fair	+3.26mPD	Transplant and Dead	Dead at tree nursery as advised by ITS and felled on 2015.1.29	-
	T0610	大葉合歡	<i>Albiza lebeck</i>	300	2	4	Poor	Poor	+3.77mPD	Fell	Dead and felled on 20-6-2013	-
	T0611	血桐	<i>Macaranga tanarius</i>	150	4	4	Poor	Fair	+3.62mPD	Transplant and Dead	Dead at tree nursery as advised by ITS and felled on 2015.1.29	-
	T0612	血桐	<i>Macaranga tanarius</i>	150	4	4	Fair	Fair	+3.60mPD	Transplant and Dead	Dead at tree nursery as advised by ITS and felled on 2015.1.29	-
	T0613	黃槿	<i>Hibiscus tiliaceus</i>	500	10	9	Fair	Fair	+3.40mPD	Transplant and Dead	Cut wounds. Collapsed by Typhoon Meranti on 10 to 15 Sep 2016. Recommended by ITS to be felled	-
	T0614	大葉合歡	<i>Albiza lebeck</i>	250	9	9	Fair	Fair	+3.92mPD	Fell	Felled on 20-6-2013	-
	T0615	石栗	<i>Aleurites moluccana</i>	150	3	4	Poor	Fair	+4.10mPD	Fell	Felled on 20-6-2013	-
	T0616	石栗	<i>Aleurites moluccana</i>	300	6	8	Fair	Fair	+4.29mPD	Transplant	Wounds on trunk	-
	T0617	石栗	<i>Aleurites moluccana</i>	250	5	5	Fair	Fair	+4.27mPD	Transplant	Wounds on trunk	-
	T0618	垂葉榕	<i>Ficus benjamina</i>	100	3	3	Fair	Fair	+4.24mPD	Transplant and Dead	Damaged by other collapsed tree on 2016.3.10 due to heavy rain and felled	-
	T0619	白千層	<i>Melaleuca cajuputi</i> subsp. <i>Cumingiana</i>	250	5	8	Fair	Fair	+4.26mPD	Transplant and Felled	Decay of root collar. Felled as reviewed by LCSD dated 11-07-2019	-
T0620	大葉榕	<i>Ficus virens</i>	350	12	10	Fair	Fair	+4.05mPD	Transplant and Felled	Tree crown in contact with the building, broken branches. Felled as reviewed by LCSD dated 11-01-2019	-	
7	A021	糖膠樹	<i>Alstonia scholaris</i>	100	2.5	3.5	Fair	Fair	+5.84mPD	Transplant	Paved pit	-
	A022	糖膠樹	<i>Alstonia scholaris</i>	96	2	3.5	Poor	Poor	+5.85mPD	Transplant	Dieback, paved pit	-
	A134	糖膠樹	<i>Alstonia scholaris</i>	86	1.5	4	Poor	Poor	+6.01mPD	Fell	Imbalanced tree form, wounds, paved pit, felled on 29-7-2013	-
	A135	糖膠樹	<i>Alstonia scholaris</i>	92	2	4	Fair	Fair	+5.98mPD	Transplant	Paved pit	-
	A136	糖膠樹	<i>Alstonia scholaris</i>	108	2	4.5	Fair	Fair	+5.88mPD	Transplant	Missing on tree plan and transplanted to holding nursery	-
	T0133	-	-	-	-	-	-	-	+5.81mPD	Transplant	Transplanted and maintained under Contract No. HK/2009/01	-
	T0134	-	-	-	-	-	-	-	+5.81mPD	Transplant	Transplanted and maintained under Contract No. HK/2009/01	-
	T0154	糖膠樹	<i>Alstonia scholaris</i>	162	3	5	Fair	Fair	+6.07mPD	Transplant	Dieback, imbalanced tree form, paved pit	-
	T0155	糖膠樹	<i>Alstonia scholaris</i>	137	3	3.5	Fair	Fair	+5.86mPD	Transplant	Dieback, paved pit	-
	T0156	糖膠樹	<i>Alstonia scholaris</i>	153	3.5	4.5	Fair	Fair	+6.17mPD	Transplant	Dieback, dead branches, paved pit	-
	T0482	糖膠樹	<i>Alstonia scholaris</i>	210	4	4.5	Poor	Fair	+5.96mPD	Fell	Topped, dieback, wounds on trunk, paved pit, felled on 29-7-2013	-
	T0485	糖膠樹	<i>Alstonia scholaris</i>	131	4	4	Fair	Fair	+6.04mPD	Transplant	Paved pit	-
	T0487	糖膠樹	<i>Alstonia scholaris</i>	232	4	5	Fair	Fair	+5.83mPD	Transplant	Paved pit	-
	T0488	糖膠樹	<i>Alstonia scholaris</i>	210	4	5	Fair	Fair	+5.82mPD	Transplant	Cut wound, paved pit	-
T0489	糖膠樹	<i>Alstonia scholaris</i>	111	2.5	2.5	Fair	Fair	+5.81mPD	Transplant	Dieback, paved pit	-	
T0490	糖膠樹	<i>Alstonia scholaris</i>	162	3	4.5	Fair	Fair	+5.95mPD	Transplant	Dieback, paved pit, wounds on trunk	Pending approval by DLO for tree removal	
T0491	糖膠樹	<i>Alstonia scholaris</i>	242	3	5	Fair	Fair	+6.10mPD	Transplant	Under shade, paved pit	-	
T0170	糖膠樹	<i>Alstonia scholaris</i>	283	6	7	Fair	Fair	+5.61mPD	Transplant	Paved pit	-	
8	T0468	糖膠樹	<i>Alstonia scholaris</i>	191	4	5.5	Fair	Fair	+5.63mPD	Transplant and Dead	Dead at tree nursery as advised by ITS and felled on 2017.6.22	-
	T0469	糖膠樹	<i>Alstonia scholaris</i>	172	3.5	5	Fair	Fair	+5.65mPD	Transplant	Wounds on trunk, paved pit	-
	T0471	糖膠樹	<i>Alstonia scholaris</i>	159	3	4	Fair	Fair	+5.67mPD	Transplant	Imbalanced tree form, dead branches, paved pit	-
	T0472	糖膠樹	<i>Alstonia scholaris</i>	140	2	2.5	Poor	Poor	+5.69mPD	Transplant	Dieback, topped, paved pit	Pending approval by DLO for tree removal
	T0473	糖膠樹	<i>Alstonia scholaris</i>	127	3	3.5	Fair	Fair	+5.71mPD	Transplant	Dieback, paved pit	-
	T0474	糖膠樹	<i>Alstonia scholaris</i>	153	4	3	Fair	Fair	+5.75mPD	Transplant	Dieback, paved pit, decayed wound	-
	T0475	糖膠樹	<i>Alstonia scholaris</i>	210	4	5	Fair	Fair	+5.78mPD	Transplant	Imbalanced tree form, paved pit	-
	T0476	糖膠樹	<i>Alstonia scholaris</i>	150	2	4	Poor	Poor	+5.82mPD	Transplant	Paved pit	-
T0477	糖膠樹	<i>Alstonia scholaris</i>	213	3	4.5	Poor	Poor	+5.85mPD	Transplant	Included bark, pests on branch, paved pit, wounds on trunk	-	

3 Trees retained (handed over to SCL 1123)

3 Trees retained but found dead and felled by LCSD

25 Transplanted trees under HK/2012/08

(with 2 trees to be removed and

compensated accordingly)

3 Transplanted trees at tree nursery but felled as reviewed by LCSD

7 Transplanted trees at tree nursery but found dead and felled

2 Trees with status "Transplant" under HK/2009/01

1 No transplant is necessary as site possession not required

11 Trees with status "Fell"

55 trees

## Appendix V

### Location Plan for Nursery

# HONG KONG NURSERY INFORMATION (HOK TAU, FANLING)



*Our nursery in Hong Kong offers holding care for transplanted trees and cultivated plants from main sources for immediate planting to Hong Kong project sites; and other storage purpose/soil mixing....*



Asia Landscaping Ltd.

ASIA LANDSCAPING LTD.

Office Address:

Flat A & C, 4/F., International Industrial Centre, 2-8 Kwei Tei Street, Fotan, Shatin, NT

Tel: 2740 9315, Fax: 2332 4587, Email: [asialand@asialand.corp.com.hk](mailto:asialand@asialand.corp.com.hk)

## Hong Kong Nursery Information (Hok Tau, Fan Ling, NT)



Our holding nursery at Hok Tau, Fan Ling with a total area 22,761 sqm was setup since year 1982. The scope of this nursery is to maintain plant materials / maintain transplanted trees for project during the temporary holding contract period then re-plant back to site; and soil mixing / workshop / other storage purpose.

Experienced staff / workers perform routine maintenance / cultural practice to plants and transplanted trees that include watering, pruning, pesticide/ fungicide, among others.

Item	Description
Location / Address	Lot DD 76, Hok Tau, Fan Ling, N.T.
Arable ground area	22,761 m2 (HK Land Registry)
Source of potable water	Source of potable water connected from nearby reservoir.
Site Access	A 10-minute drive from Fanling KCR (MTR) Station (please refer to enclosed route map). Vehicle access through main gate facing Hok Tau Road.
Site security	The nursery perimeter has been fenced with main gate.
Contact details	Hotline: 2740 9315 (CS Lam/ Mob: 9235 7847)
Others	Facilities include storage, irrigation system, electrical supply.

# Hong Kong Nursery Information (Hok Tau, Fan Ling, NT)



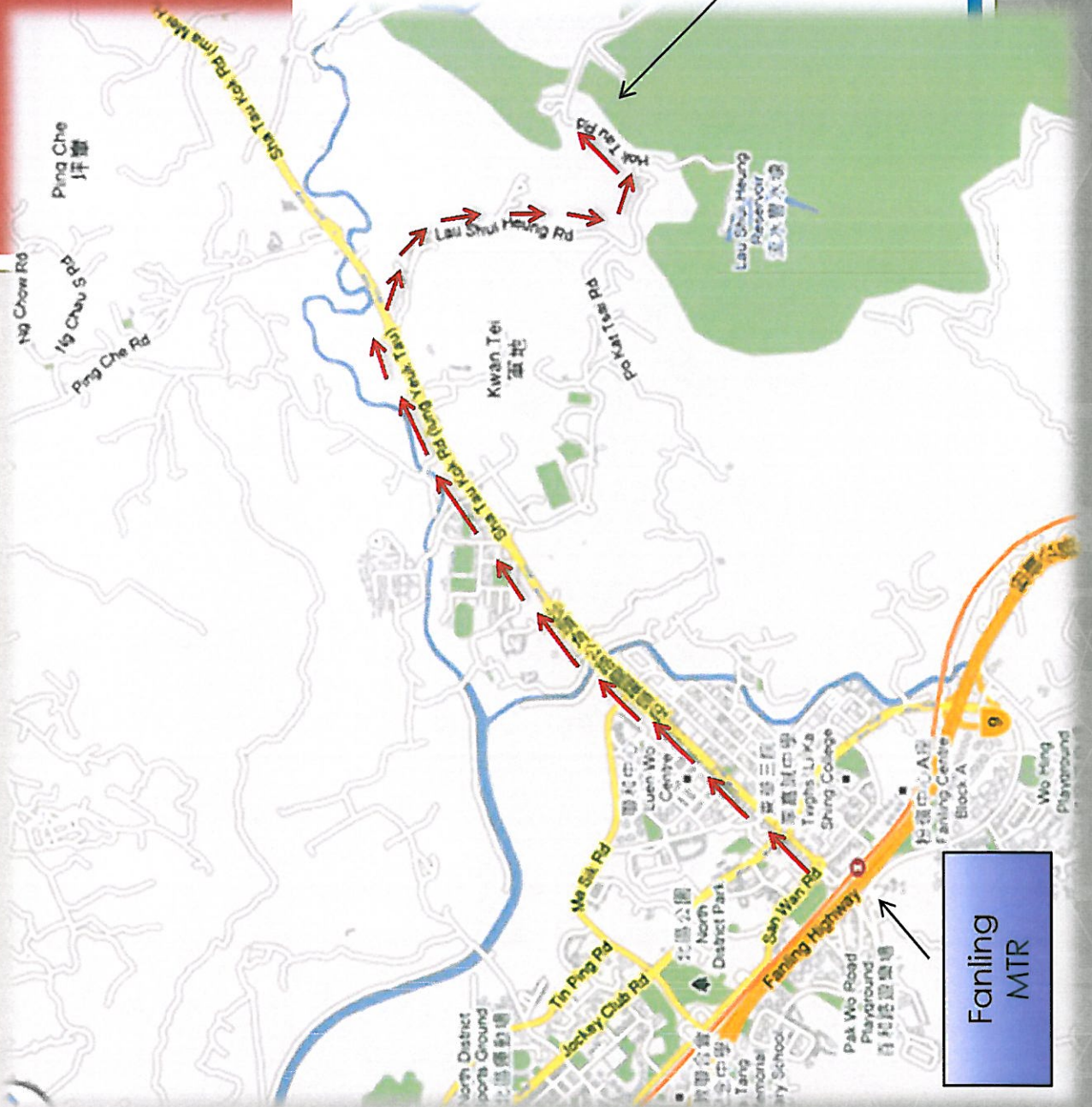
**T**rees transplanted from Site to temporary holding nursery shall be identified with their tags and maintained with horticultural practice during the holding period. Health conditions shall be observed and reported periodically to monitor progress and/ or development until transplanted back to designated locations at Site.



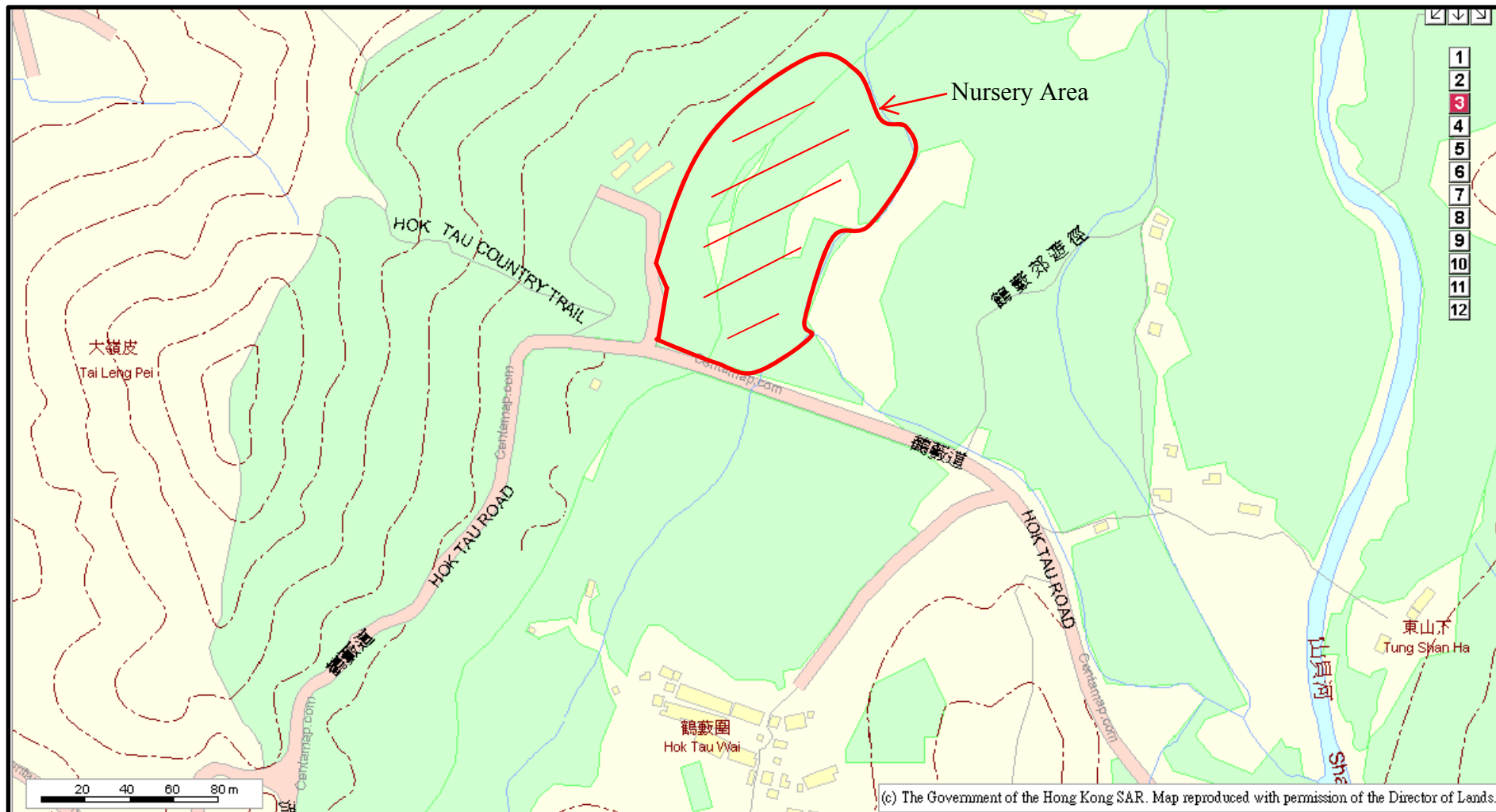
# Hong Kong Nursery Location Map

Nursery Address:  
Lot DD76  
Hok Tau  
Fanling  
N.T.  
香港新界粉嶺鶴藪

Hok Tau Nursery



Fanling MTR

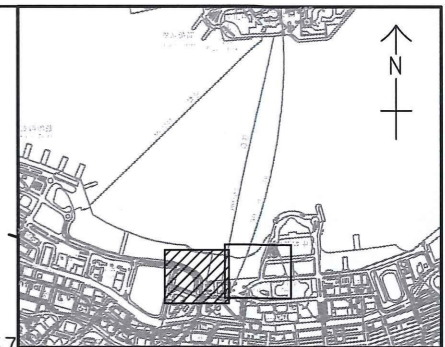
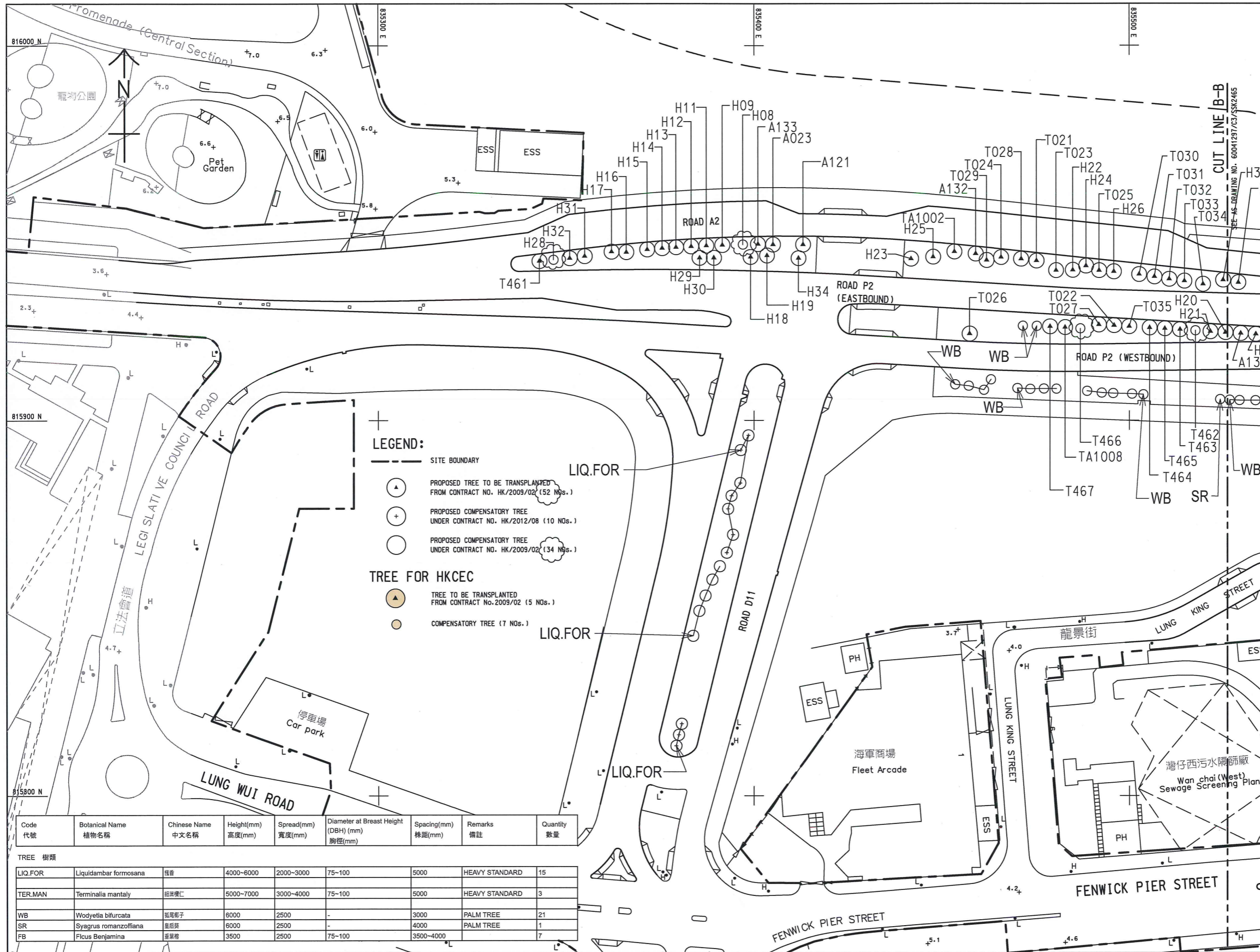


**Layout plan for Nursery Area**

## Appendix VI

### Planting Plans with Plant Schedules for the Landscape Work





**KEY PLAN**  
SCALE 1 : 20000

- NOTES:**
- THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60041297/C3/SSK2465 & 2466.
  - GROUND PREPARATION: GROUND PREPARATION SHALL BE CARRIED OUT TO ALL PLANTING AREAS AS SPECIFIED.
  - SOILING: ALL PLANTING AREAS SHALL RECEIVE SOIL MIX AS SPECIFIED IN PARTICULAR SPECIFICATION OF THE CONTRACT.
  - PLANTING PATTERN: ALL PLANTS ARE TO BE PLANTED IN STAGGERED PATTERN AT SPACING INDICATED IN THE SCHEDULE. ALL ACCENT PLANTS SHALL BE GROUPED AT THE FRONT OF PLANTING AREAS.
  - ALL TREES SHALL BE PLANTED AT LEAST 2M AWAY FROM ROAD KERB TO AVOID BLOCKAGE OF SIGHTLINE OF ROAD USERS.
  - ALL TREES SHALL BE PLANTED AT LEAST 2M AWAY FROM ADJACENT PRIVATE LOTS' BOUNDARIES.
  - TREE PLANTING: LOCATION OF TREES AND SPACING SHOWN ON DRAWINGS IS INDICATIVE. THE CONTRACTOR SHALL AVOID UNDERGROUND UTILITIES WHEN PLANTING.
  - MULCHING: ALL PLANTING AREAS SHALL RECEIVE MULCH TO A DEPTH OF 75MM. FINISH LEVEL OF MULCH SHALL BE 25MM BELOW ADJACENT FINISHED SURFACES.
  - WATER POINTS: LOCATIONS OF WATER POINTS SHOWN ON DRAWINGS ARE INDICATIVE. EXACT LOCATIONS TO BE DETERMINED ON SITE.
  - ESTABLISHMENT WORKS: ALL PLANTED MATERIALS SHALL BE MAINTAINED AFTER PLANTED FOR A PERIOD AS SPECIFIED IN THE CONTRACT DOCUMENTS.
  - UNDERGROUND UTILITIES: NO TREES SHALL BE PLANTED AS FAR AS PRACTICAL WITHIN 1M OF DRAINAGE U-CHANNELS, OR ANY KINDS OF PIPES/ DUCTINGS. THERE SHALL BE NO PLANTING WITHIN 1.5M AROUND THE COVER OF ALL VALVES, OR 1M FROM HYDRANT OUTLETS.
  - IF ANY OF THE PROPOSED TREES, ARE FALLEN WITHIN THE RESTRICTED ZONE AS DESCRIBED IN NOTE 11, ROOT BARRIERS SHALL BE PROVIDED AS PART OF THE TREE PLANTING COST FOR EVERY INDIVIDUAL TREES, AS PER Hyd STANDARD DRAWING NOS. H5138 TO H5141 AND THE CONTRACTOR SHALL PROVIDE AND PROPOSE THE DETAILS FOR EACH INDIVIDUAL CONDITIONS DETAILS OF ROOT BARRIERS FOR THE APPROVAL OF THE ENGINEER.
  - THE EXACT FINAL TRANSPLANTED TREE LOCATIONS AND SETTING OUTS SHALL BE DETERMINED ON SITE.
  - SOIL MIX AND SOIL CONDITIONER: SOIL MIX SHALL CONSIST OF FRIABLE COMPLETELY DECOMPOSED GRANITE AND SOIL CONDITIONER IN THE PROPORTION AS 3:1 BY VOLUME AND SHALL BE FREE TO DELETERIOUS MATERIALS AS SPECIFIED IN G.S. CLAUSE 3.30 SOIL MIX AND G.S. CLAUSE 3.31 FOR SOIL CONDITIONER.
  - STAKING: BAMBOO STAKES SHALL BE USED FOR ALL TREES EXCEPT WHIPS AS SPECIFIED IN G.S. 3.36. TREE TRUNKS SHALL BE PROTECTED BY USING RUBBER HOUSE PROTECTIVE SLEEVING OR SIMILAR, AND SHALL BE LOOSENED TWICE A YEAR.
  - WATER: THE CONTRACTOR SHALL PROVIDE ADEQUATE WATERING TO ALL PLANTED AREAS AS SPECIFIED IN G.S. 3.84 WATERING
  - PLANTING AREA:
    - ALL TREE PLANTING AREAS ARE BACKFILLED WITH 1.2M COMPACTED DEPTH OF SOIL MIX.
    - ALL EDGES OF PLANTING AREA AT ROADWAYS ARE GRANITE CURBS IN ACCORDANCE WITH DETAILS.
    - ALL EDGES OF PLANTING AREA ADJACENT TO PATHWAY ARE 40MM BELOW ADJACENT PAVEMENT AND IN ACCORDANCE WITH THE DETAILS.
    - ALL SOIL LEVELS ARE SURVEYED AND VERIFIED PRIOR TO COMMENCEMENT OF PLANTING. ALL PLANTING WORK ARE DIRECTED ON SITE BY THE ENGINEER.
    - ALL FINAL TREE LOCATIONS ARE SUBJECT TO FIELD ART DIRECTION BY THE ENGINEER.
    - ALL TREES ARE STAKED/GUYED ACCORDING TO THE SPECIFICATION AND DETAILS.
    - ROOT BARRIERS ARE INSTALLED FOR ALL TREE PLANTING AREAS ADJUTING THE UTILITY CORRIDOR.

- LEGEND:**
- SITE BOUNDARY
  - ⊕ PROPOSED TREE TO BE TRANSPLANTED FROM CONTRACT NO. HK/2009/02 (52 Nos.)
  - ⊕ PROPOSED COMPENSATORY TREE UNDER CONTRACT NO. HK/2012/08 (10 Nos.)
  - PROPOSED COMPENSATORY TREE UNDER CONTRACT NO. HK/2009/02 (34 Nos.)
- TREE FOR HKCEC**
- ⊕ TREE TO BE TRANSPLANTED FROM CONTRACT No.2009/02 (5 Nos.)
  - COMPENSATORY TREE (7 Nos.)

Code 代號	Botanical Name 植物名稱	Chinese Name 中文名稱	Height(mm) 高度(mm)	Spread(mm) 寬度(mm)	Diameter at Breast Height (DBH) (mm) 胸徑(mm)	Spacing(mm) 株距(mm)	Remarks 備註	Quantity 數量
LIQ.FOR	Liquidambar formosana	槲寄生	4000-6000	2000-3000	75-100	5000	HEAVY STANDARD	15
TER.MAN	Terminalia mantaly	絳紫藤	5000-7000	3000-4000	75-100	5000	HEAVY STANDARD	3
WB	Wodyetia bifurcata	狐尾椰子	6000	2500	-	3000	PALM TREE	21
SR	Syagrus romanzoffiana	皇后葵	6000	2500	-	4000	PALM TREE	1
FB	Ficus Benjamina	垂葉榕	3500	2500	75-100	3500-4000		7

WAN CHAI DEVELOPMENT PHASE II - CENTRAL-WAN CHAI BYPASS AT WAN CHAI WEST

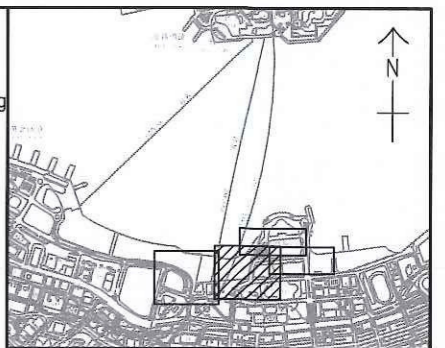
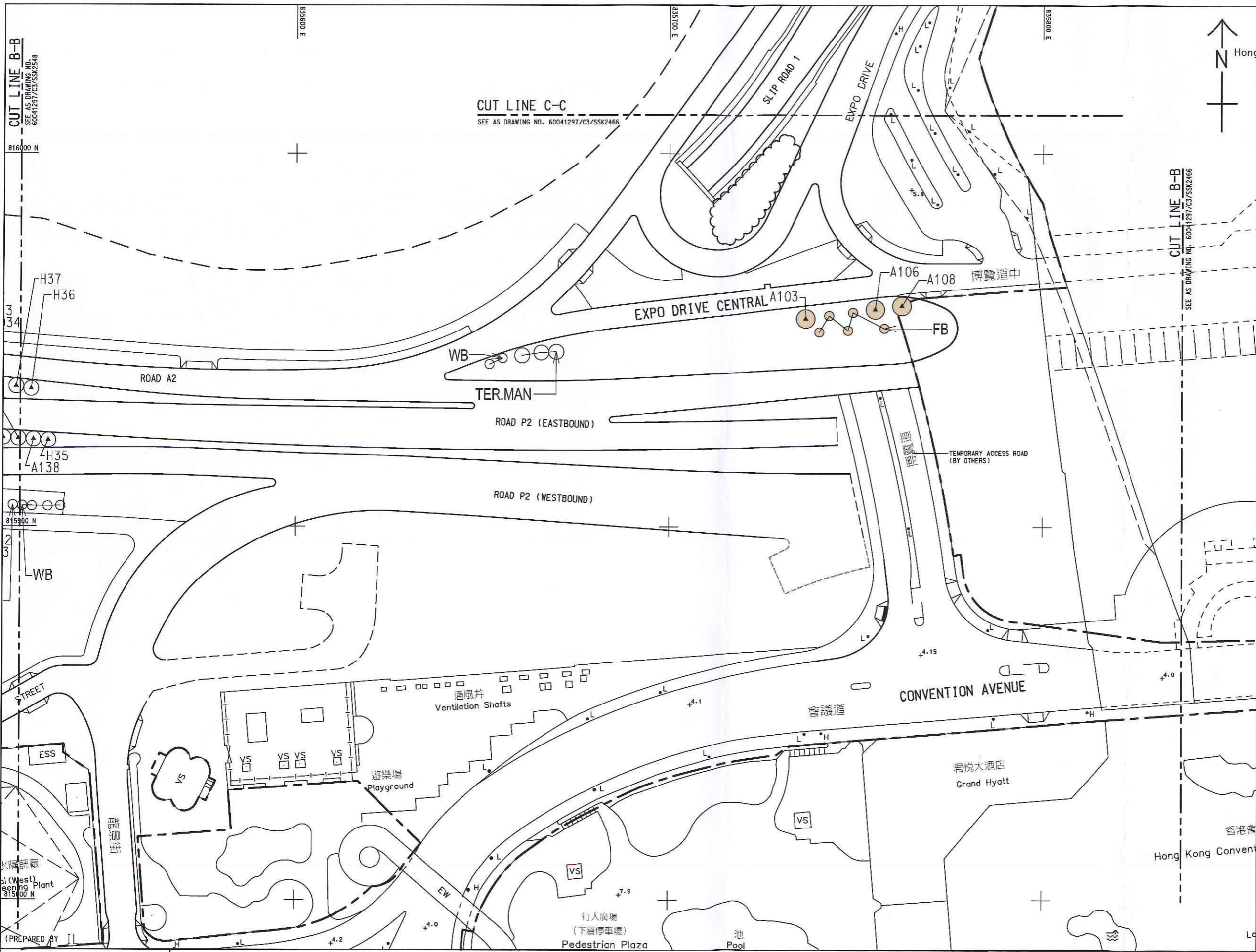
TREE PLANTING WORKS

SHEET 1 OF 3

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CHECK	TNK	DRAWN	PC
CONTRACT No.	HK/2012/08	DRAWING No.	60041297/C3/SSK2548
		REV	D



30/12/2019



KEY PLAN  
SCALE 1 : 20000

- NOTES:
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60041297/C3/SSK2548 AND 2466.
  2. FOR LEGEND, REFER TO DRAWING NO. 60041297/C3/SSK2548.

CUT LINE B-B  
SEE AS DRAWING NO. 60041297/C3/SSK2548

CUT LINE C-C  
SEE AS DRAWING NO. 60041297/C3/SSK2466

CUT LINE B-B  
SEE AS DRAWING NO. 60041297/C3/SSK2466

816000 N

815900 N

815800 N

(PREPARED BY IL)

WAN CHAI DEVELOPMENT PHASE II - CENTRAL-WAN CHAI BYPASS AT WAN CHAI WEST

TREE PLANTING WORKS

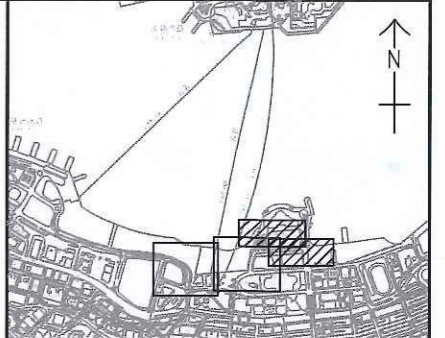
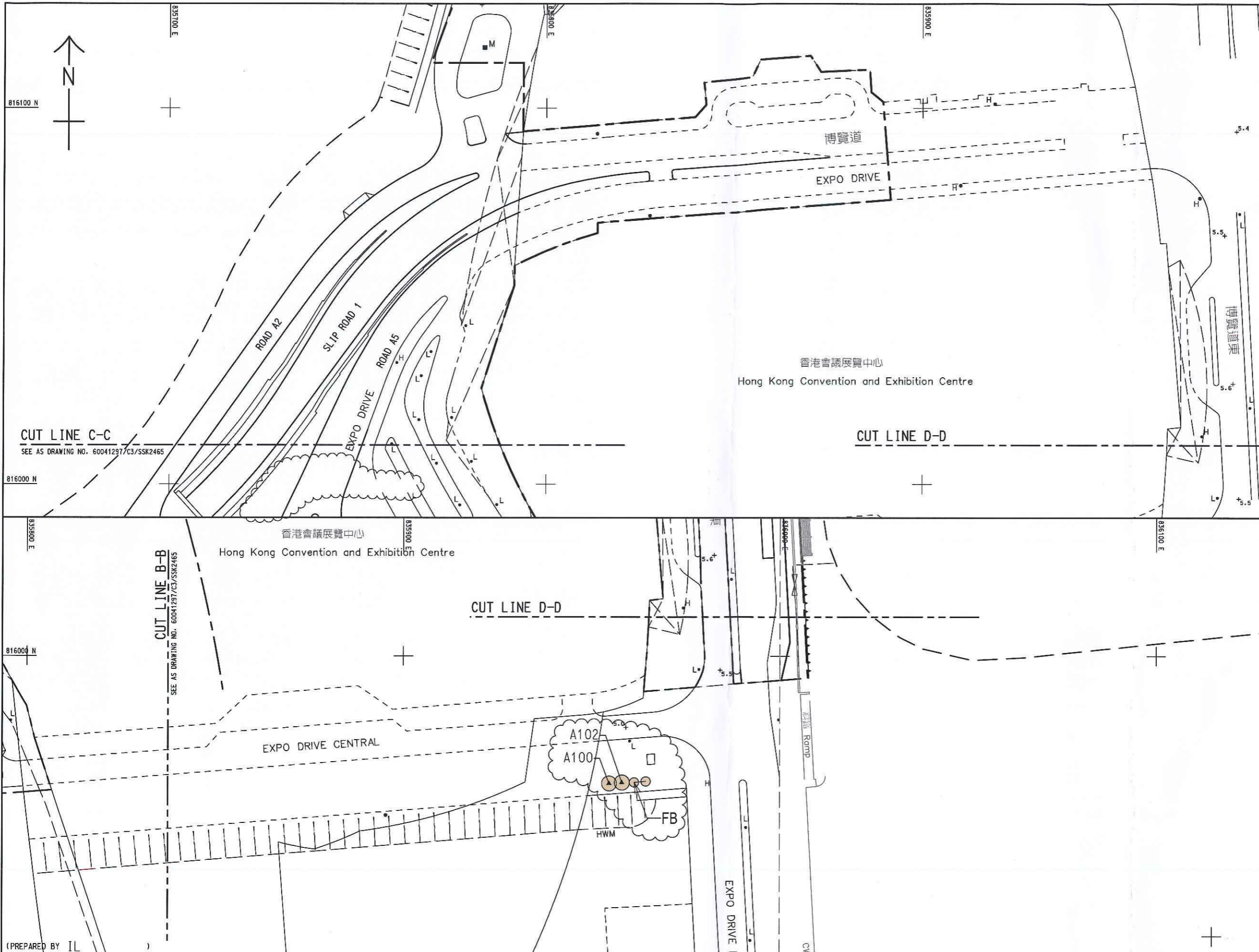
SHEET 2 OF 3

SCALE	1:1000 (A3)	DATE	25-OCT-019
CHECK	TNK	DRAWN	PC
CONTRACT No.	HK/2012/08	DRAWING No.	60041297/C3/SSK2465
		REV	B

EXTRACTED FROM DRG. NO. 60041297/C3/100/1621



25/10/2019



**KEY PLAN**  
SCALE 1 : 20000

**NOTES:**  
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60041297/C3/SSK2548 & 2465.  
2. FOR LEGEND, REFER TO DRAWING NO. 60041297/C3/SSK2548.

**CUT LINE C-C**  
SEE AS DRAWING NO. 60041297/C3/SSK2465

**CUT LINE D-D**

**CUT LINE B-B**  
SEE AS DRAWING NO. 60041297/C3/SSK2465

**CUT LINE D-D**

EXTRACTED FROM DRG.  
NO. 60041297/C3/100/1622

(PREPARED BY IL )

WAN CHAI DEVELOPMENT PHASE II - CENTRAL-WAN CHAI BYPASS AT WAN CHAI WEST

**TREE PLANTING WORKS**

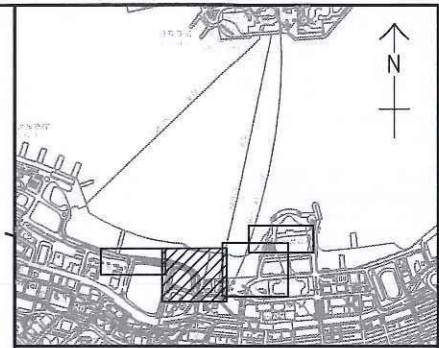
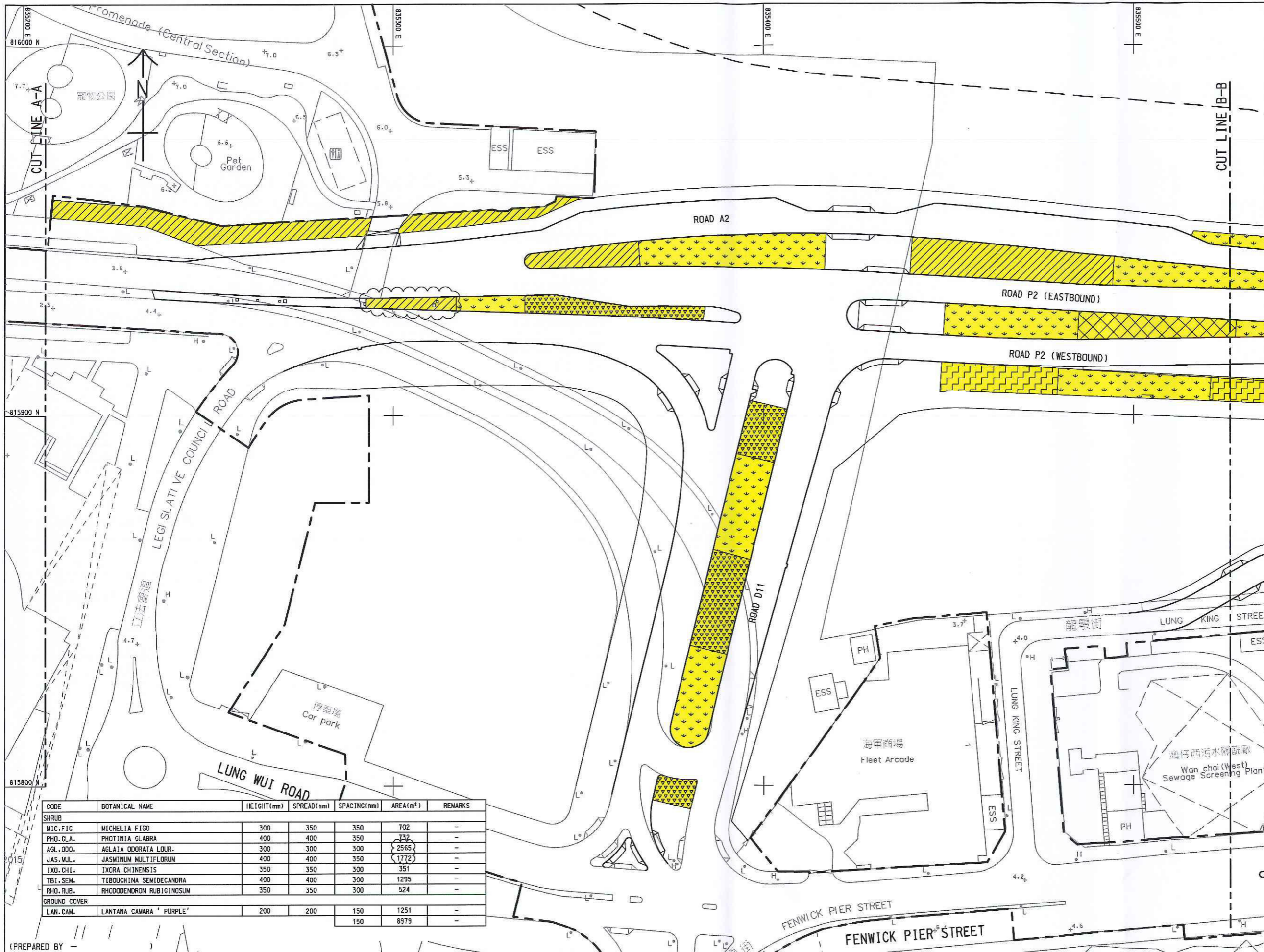
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CHECK	TNK <i>TK</i>	DRAWN	PC <i>PC</i>
CONTRACT No.	HK/2012/08	DRAWING No.	60041297/C3/SSK2466
		REV	C

SHEET 3 OF 3

25/10/2019



S:\\*DRAFTING\C3\C3\_SSK\SSK2000-2999\C3SSK2466C.dgn



KEY PLAN  
SCALE 1 : 20000

- LEGEND:**
- SITE BOUNDARY
  - SHRUB**
  - [Hexagon pattern] MIC.FIG.
  - [Square pattern] PHO.GLA.
  - [Arrow pattern] AGL.ODO.
  - [Zigzag pattern] IXO.CHI.
  - [Diagonal lines] JAS.MUL.
  - [Star pattern] TIB.SEM.
  - [Cross-hatch pattern] RHO.RUB.
  - GROUND COVER**
  - [Triangle pattern] LAN.CAM.

CODE	BOTANICAL NAME	HEIGHT(mm)	SPREAD(mm)	SPACING(mm)	AREA(m <sup>2</sup> )	REMARKS
<b>SHRUB</b>						
MIC.FIG.	MICHELIA FIGO	300	350	350	702	-
PHO.GLA.	PHOTINIA GLABRA	400	400	350	732	-
AGL.ODO.	AGLAIA ODRATA LOUR.	300	300	300	2565	-
JAS.MUL.	JASMINUM MULTIFLORUM	400	400	350	1772	-
IXO.CHI.	IXORA CHINENSIS	350	350	300	351	-
TIB.SEM.	TIBOUCHINA SEMIDECANDRA	400	400	300	1295	-
RHO.RUB.	RHOODENDRON RUBIGINOSUM	350	350	300	524	-
<b>GROUND COVER</b>						
LAN.CAM.	LANTANA CAMARA 'PURPLE'	200	200	150	1251	-
				150	8979	-

(PREPARED BY -)

WAN CHAI DEVELOPMENT PHASE II - CENTRAL-WAN CHAI BYPASS AT WAN CHAI WEST

SHRUBS PLANTING PLAN

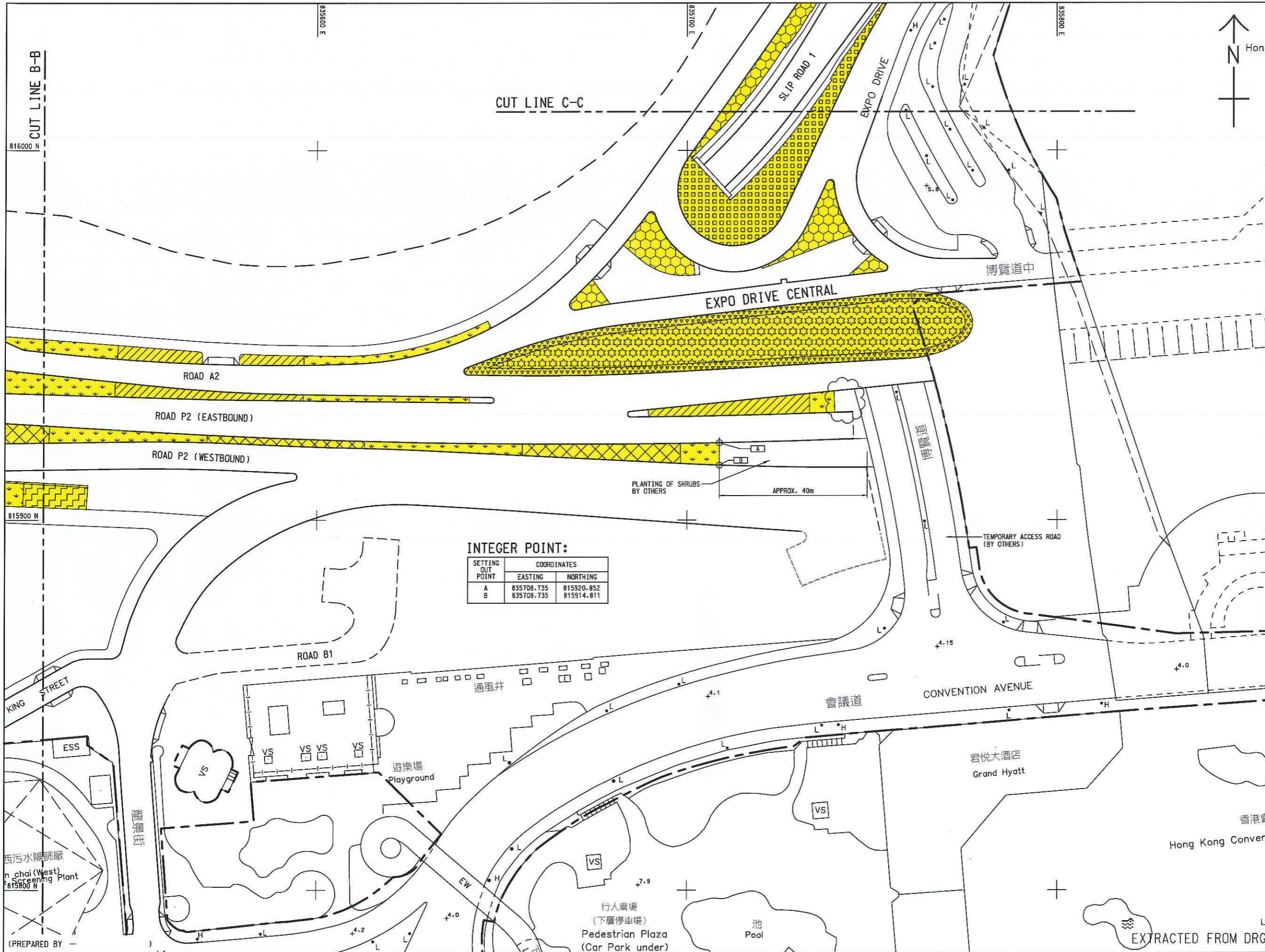
EXTRACTED FROM DRG. NO. 60041297/C3/100/1610

25/10/2019



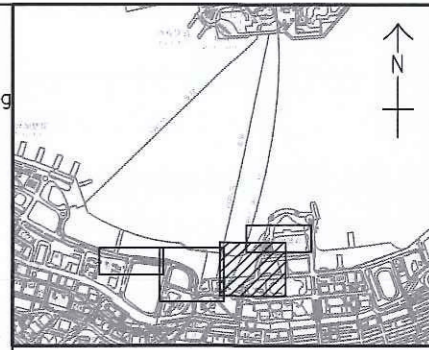
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CHECK	TNK	DRAWN	PC
CONTRACT No.	HK/2012/08	DRAWING No.	60041297/C3/SSK1165
		REV	D

SHEET 1 OF 3



**INTEGER POINT:**

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
A	835708.735	815920.852
B	835708.735	815914.811



**KEY PLAN**  
SCALE 1 : 20000

**NOTES:**  
1. THE LEGEND TO BE READ IN CONJUNCTION WITH DRAWING NO. 60041297/C3/SSK1165C.

WAN CHAI DEVELOPMENT PHASE II - CENTRAL-WAN CHAI BYPASS AT WAN CHAI WEST

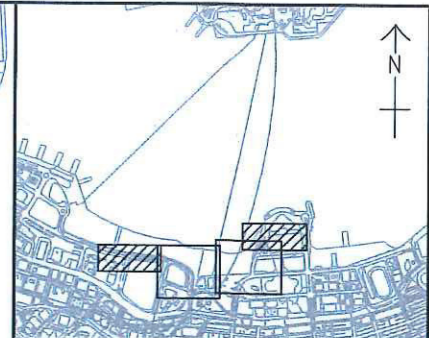
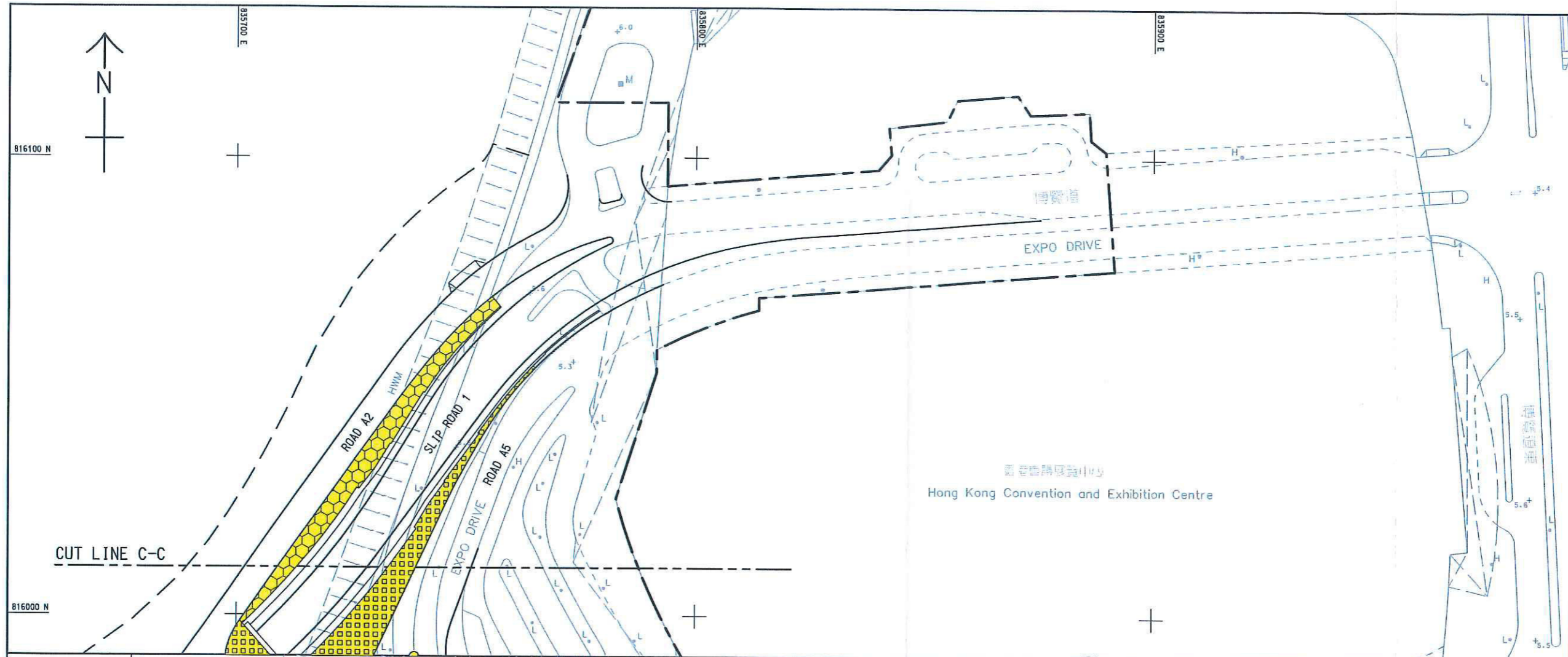
SHRUBS PLANTING PLAN

EXTRACTED FROM DRG NO. 60041297/C3/100/1611

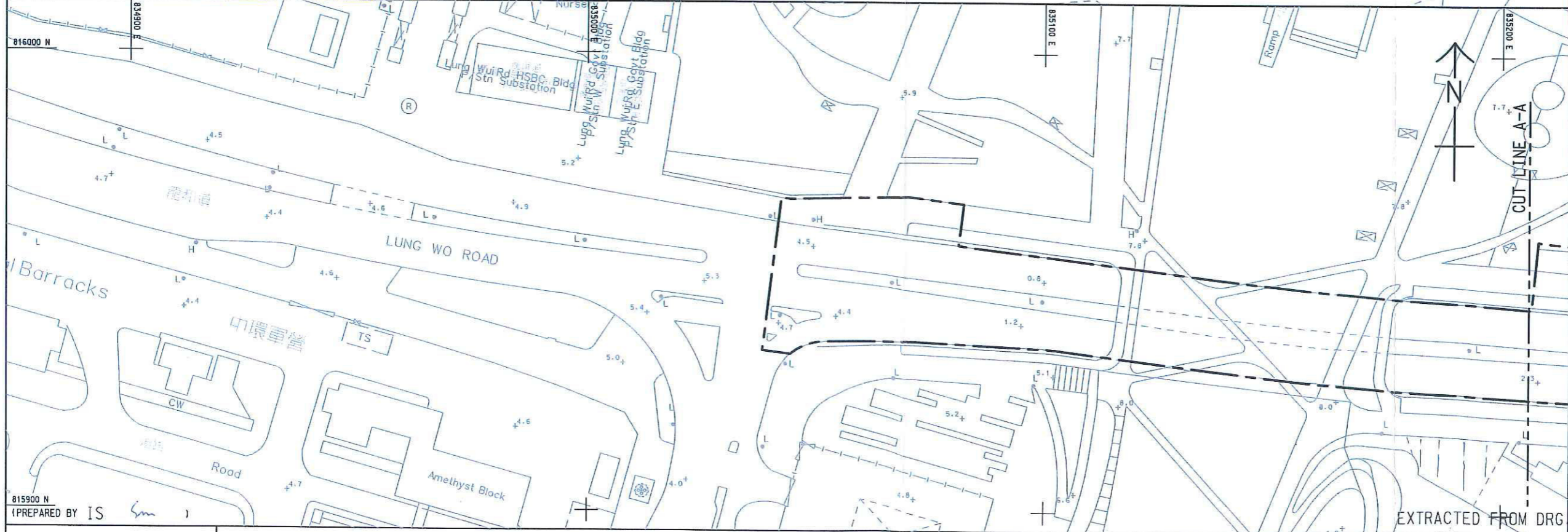


SCALE	N.T.S. (A3)	DATE	25-OCT-19
CHECK	TNK	DRAWN	PC
CONTRACT No.	HK/2012/08	DRAWING No.	60041297/C3/SSK1166
		REV	D

25/10/2019



KEY PLAN  
SCALE 1 : 20000



4/9/2017  
AECOM

WAN CHAI DEVELOPMENT PHASE II - CENTRAL-WAN CHAI BYPASS AT WAN CHAI WEST

SHRUBS PLANTING PLAN

SHEET 3 OF 3

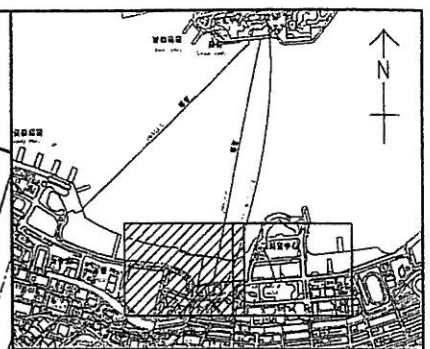
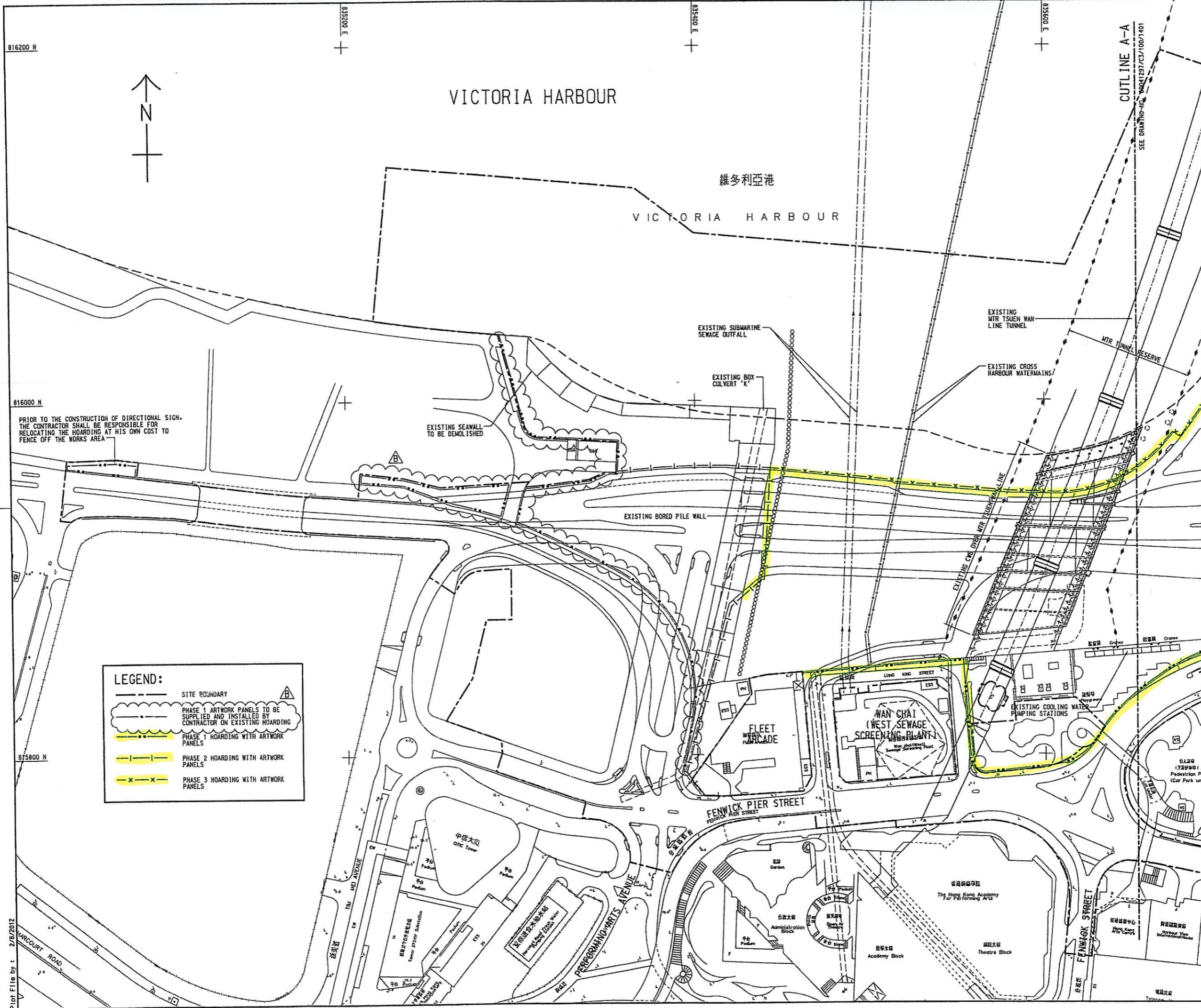
EXTRACTED FROM DRG NO. 60041297/C3/100/1612A

SCALE	N.T.S. (A3)	DATE	04-SEP-2017
CHECK	WP	DRAWN	CCH
CONTRACT No.	HK/2012/08	DRAWING No.	60041297/C3/SSK1167
		REV	-

S:\#DRAFTING\C3\C3\_SSK#SSK1000-2000\C3SSK1167.dgn

## Appendix VII

### Location Plan of Decorative Screen Hoarding



**KEY PLAN**  
SCALE 1 : 20000

- NOTES:**
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING NO. 60041297/C3/100/1401 TO 1404.
  2. ALL HOARDING ALIGNMENT/SETTING OUT SHOWN ON THE DRAWINGS ARE TENTATIVE ONLY. THE CONTRACTOR SHALL SUBMIT PROPOSED HOARDING PLANS PHASE BY PHASE SHOWING THE HOARDING INCLUDING STREET FURNITURE, DETAILS OF ANY PROPOSED TEMPORARY VEHICULAR ACCESS AND POST HOLES, EXISTING TRAFFIC SIGNS OR TRAFFIC PROVISIONS (E.G. BUS LANES, TAXI RANKS, BUS STOPS AND PEDESTRIAN CROSSINGS) AND EXISTING TREES, AS WELL AS OTHER RELEVANT INFORMATION FOR THE ENGINEER'S AGREEMENT/COMMENT AT LEAST ONE MONTH BEFORE THE ERECTION OF HOARDING.
  3. THE CONTRACTOR SHALL DESIGN, SUPPLY AND ERECT THE HOARDING WITH GATE OR HOARDING WITH FULL/PARTIALLY TRANSPARENT PANELS AND GATE AS AGREED BY THE ENGINEER TO SUIT EXISTING CONDITIONS.
  4. THE DETAILS OF HOARDING SHALL REFER TO LATEST VERSION OF CEDD STANDARD DRAWING NOS. 1004/1N, 1004/2H AND 1004/3H ALONG PERIMETER OF THE SITE.
  5. THE GRAPHIC AND ARTWORK SHOWN ON DRAWING NOS. 60041297/C3/100/1402 AND 1403 ARE FOR REFERENCE ONLY.
  6. THE EXACT LOCATION OF GATE(S) FOR SITE ENTRANCE SHALL BE AGREED WITH THE ENGINEER AND RELEVANT GOVERNMENT AUTHORITIES, ON SITE PRIOR TO ERECTION. THE DETAILS OF GATE SHALL REFER TO LATEST VERSION OF CEDD STANDARD DRAWING NO. C1007A OR C1008A.
  7. ANY MODIFICATION OF STANDARD DRAWING TO SUIT EXISTING CONDITIONS SHALL BE SUBMITTED TO THE ENGINEER FOR COMMENTS.
  8. TRAFFIC SIGN & SIGNALS SHALL NOT BE OBTURED.
  9. TRANSPORT DEPARTMENT SHALL BE APPROACHED ON NECESSARY REMOVAL OF STREET FURNITURE, TRAFFIC SIGNS, SIGNALS, MARKINGS, BUS STOPS, PARKING SPACES, ETC. WITH ADVANCE NOTICE.
  10. NO VEHICLE WILL REVERSE ONTO/FROM PUBLIC ROAD.
  11. LOADING/UNLOADING WILL BE CONFINED WITHIN SITE.
  12. VEHICLES WILL NOT BE PLANNED TO QUEUE ON PUBLIC ROAD.
  13. ALL SETTING OUT DIMENSION TO BE CONFIRMED ON SITE.
  14. NO PART OF THE HOARDING IS SITED ON A CARRIAGEWAY UNLESS APPROVAL BY RELEVANT AUTHORITIES/DEPARTMENT.
  15. THERE WILL BE NO OBSTRUCTION ON THE EXISTING DRAINAGE CHANNELS AND GULLIES OF THE ROAD.
  16. NO RESTING/REMOVAL OF ANY TRAFFIC LIGHT, BUS LANES, BUS STOPS OR PEDESTRIAN CROSSINGS IS NECESSARY.
  17. DETAILS OF RUN-IN FOR SITE ENTRANCE SHALL REFER TO LATEST VERSION OF HIGHWAYS DEPARTMENT STANDARD DRAWINGS NOS. H1113B AND H1114A.
  18. ALL HOARDING SHALL BE REMOVABLE TYPE OR AS AGREED BY THE ENGINEER.
  19. PHASES 1, 2 AND 3 HOARDING SHALL BE IMPLEMENTED TO SUIT THE CONTRACTOR'S CONSTRUCTION SEQUENCE AND AS DIRECTED BY THE ENGINEER.
  20. SHOULD ANY PART OF FOOTPATH BE AFFECTED BY THE PROPOSED HOARDING, MIN. 1.5M WIDTH OF FOOTPATH SHALL BE MAINTAINED AT ALL TIME.

**LEGEND:**

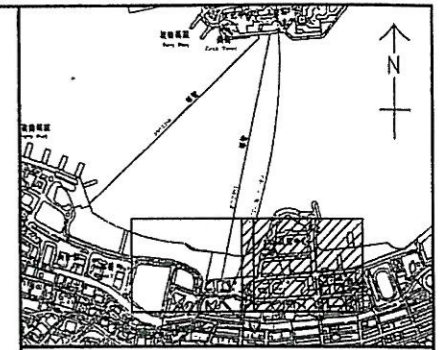
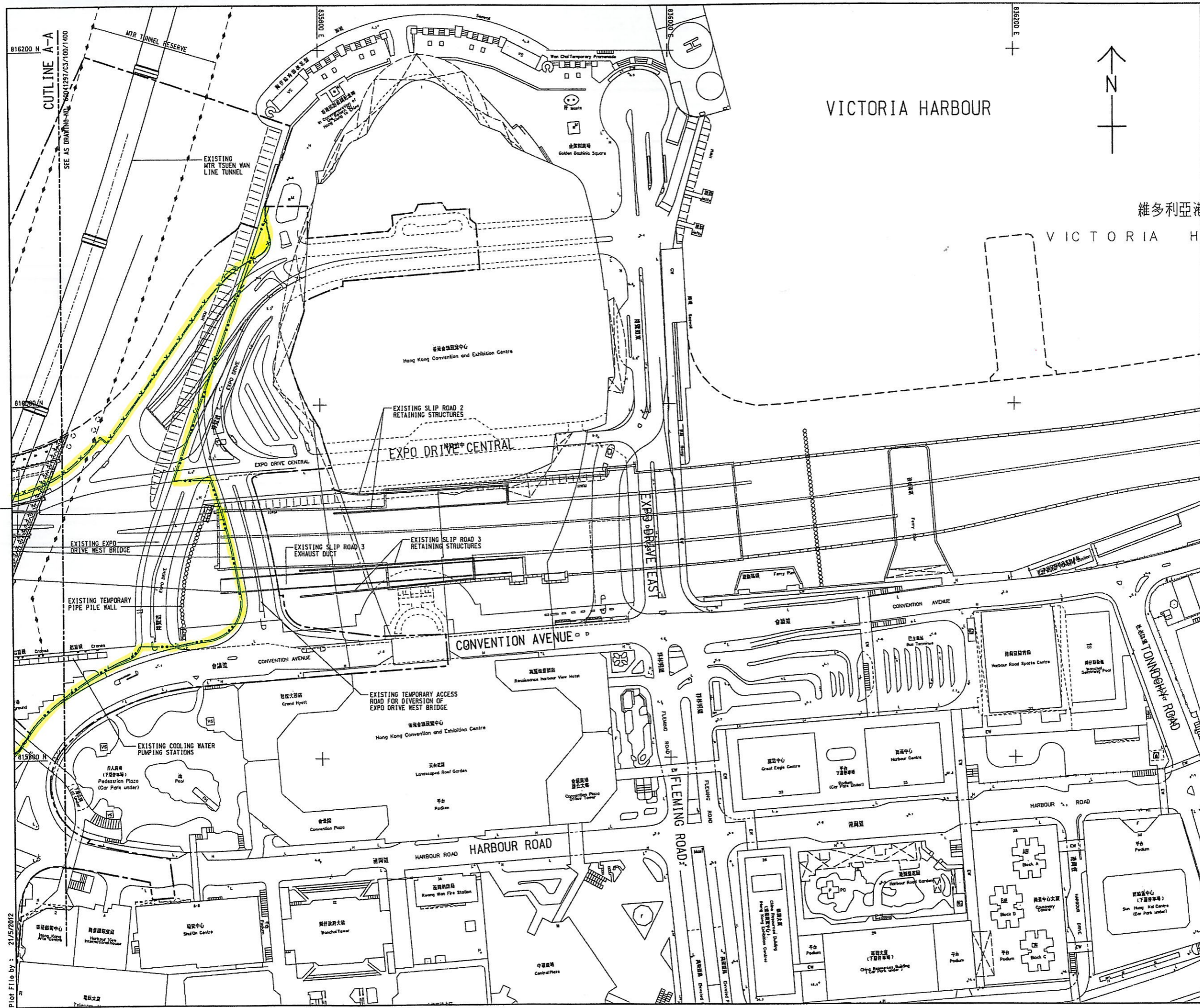
- SITE BOUNDARY
- PHASE 1 ARTWORK PANELS TO BE SUPPLIED AND INSTALLED BY CONTRACTOR ON EXISTING HOARDING
- PHASE 1 HOARDING WITH ARTWORK PANELS
- PHASE 2 HOARDING WITH ARTWORK PANELS
- PHASE 3 HOARDING WITH ARTWORK PANELS

**WAN CHAI DEVELOPMENT PHASE II**  
WAN CHAI DEVELOPMENT PHASE II - CENTRAL - WAN CHAI BYPASS AT WAN CHAI WEST  
**HOARDING PLAN**  
SHEET 1 OF 2

DRG.NO. 60041297/C3/100/1400B	
DESIGNED BY: ST	CONTRACT NO.: HK/2012/08
DRAWN BY: TS	STATUS: APPROVED
SCALE: A1 1:1000	APPROVED BY: TKH
DIMENSIONS ARE IN METRES	© COPYRIGHT RESERVED

Plot File by: 2/2/2012  
PATH: \100\1400B.dgn





KEY PLAN  
SCALE 1 : 20000

維多利亞港  
VICTORIA HARBOUR

NOTES:  
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH  
DRAWING NO. 60041297/C3/100/1400, 1402 TO 1404.

WAN CHAI DEVELOPMENT PHASE II  
WAN CHAI DEVELOPMENT PHASE II -  
CENTRAL - WAN CHAI BYPASS AT WAN CHAI WEST

HOARDING PLAN

SHEET 2 OF 2

DRG. NO. 60041297/C3/100/1401  
圖紙編號

DESIGNED BY 設計人	ST	CONTRACT NO. 合約編號	HK/2012/08	P. E. APPROVED 註冊人	TKH
DRAWN BY 繪圖人	TS	STATUS 狀態			
SCALE 比例	A1 1:1000				
DIMENSIONS ARE IN 尺寸單位	METRES				

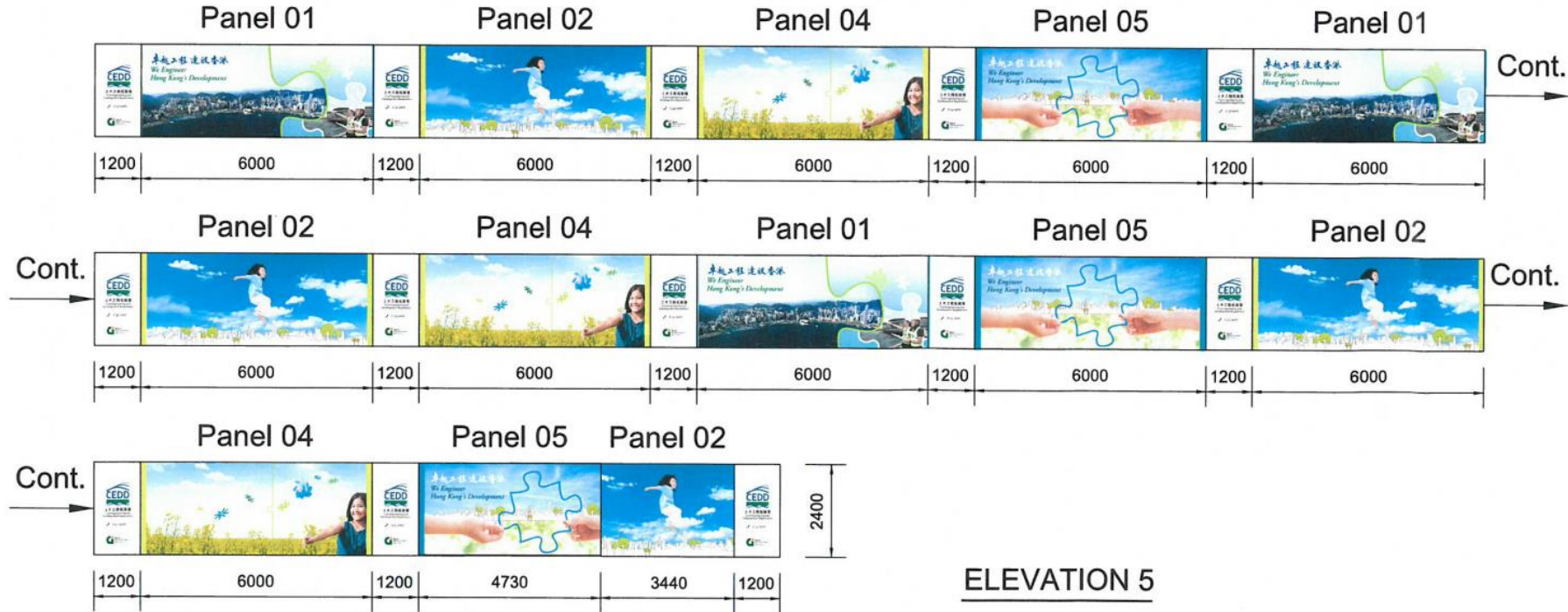
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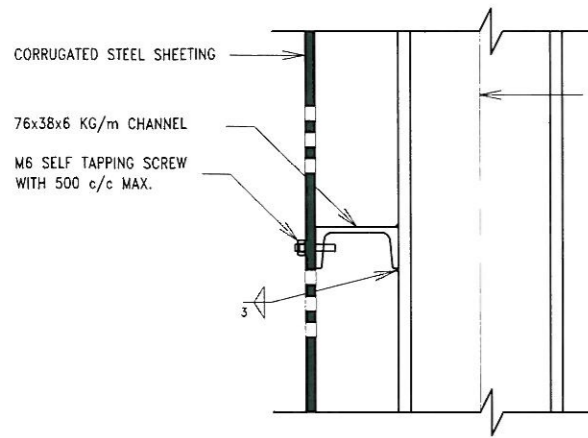
Plot File by : 21/5/2012

## Appendix VIII

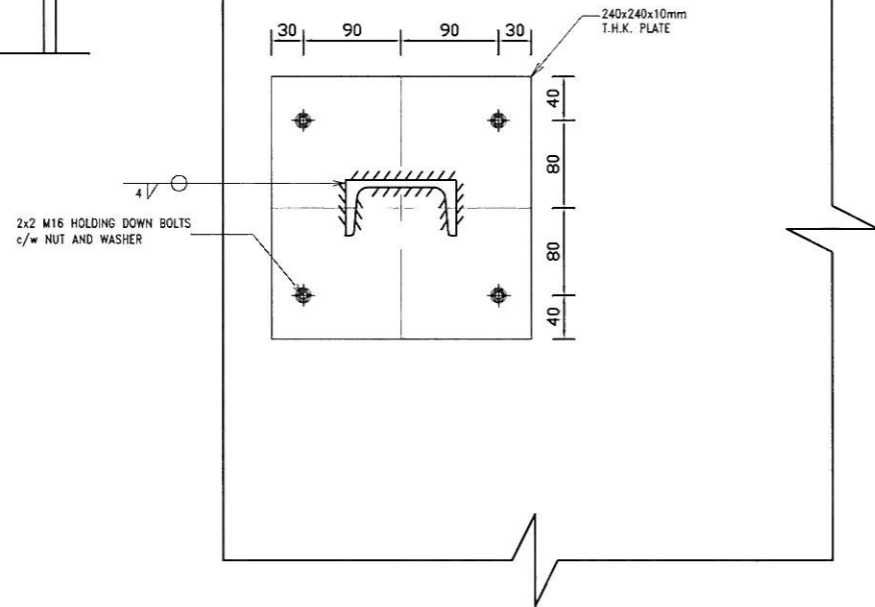
### Graphic Panels for Decorative Screen Hoarding and Its Fixing Details

Typical Panels with Graphics and Artworks

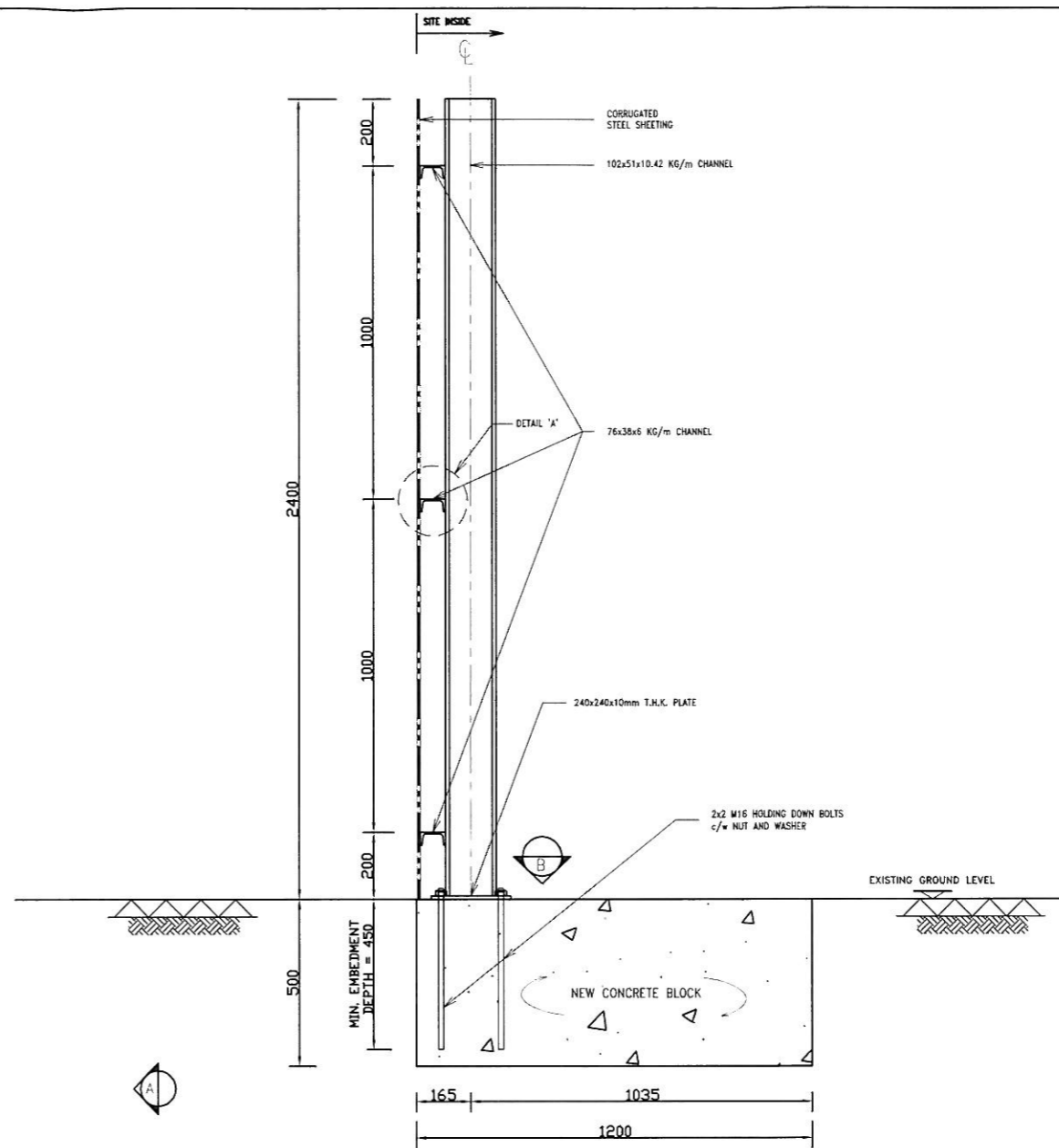




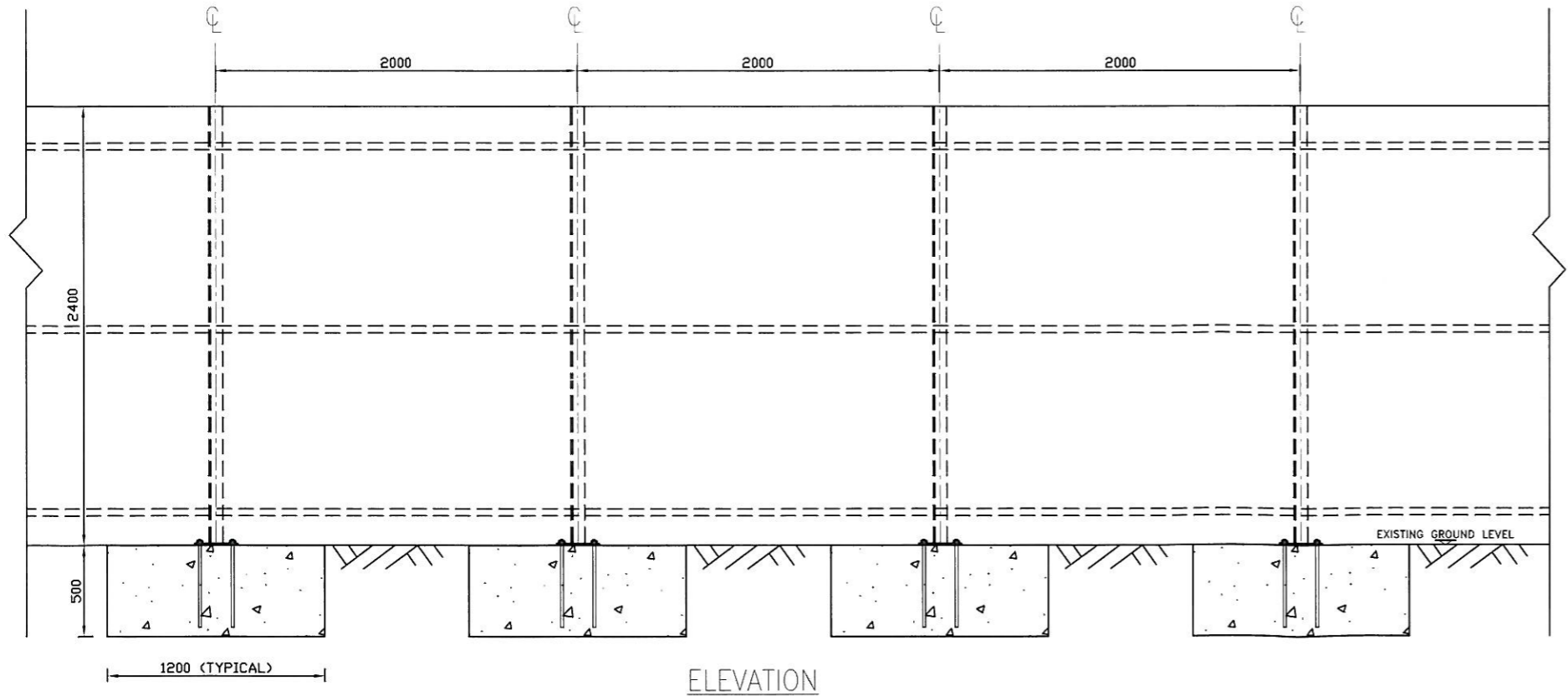
DETAIL A



SECTION B-B



SECTION A-A



ELEVATION

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL & STRUCTURAL DRAWINGS.
  - ALL DIMENSIONS SHOWN ARE IN MILLIMETRE.
  - ALL WORKS OF HOARDING SHALL COMPLY WITH HONG KONG BUILDING (CONSTRUCTION) REGULATION - 1990. DESIGN SHALL COMPLY WITH CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2005.
  - DESIGN WIND PRESSURE IS TO BE 37% OF 1.82kPa FOR WIND PRESSURE (37% OF DESIGN WIND PRESSURE GIVEN IN TABLE 1 OF THE CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004). TOTAL PRESSURE COEFFICIENT (Cp) IS TO BE ±1.4.
  - ALLOWABLE BEARING CAPACITY OF SOIL SHALL BE 100kPa (WITHOUT WIND) AND 125 kPa (WITH WIND).
  - STRUCTURAL CONCRETE SHALL BE GRADE 200/20 COMPLIES WITH CS:1990.
  - UNLESS SHOWN OTHERWISE, CONCRETE COVER TO ALL REINFORCEMENT BELOW FINISHED GROUND LEVEL IS 50mm.
  - UNLESS OTHERWISE SPECIFIED, STEEL SECTION TO BE GRADE S275 TO BS EN 10025:2004.
  - ALL FILLET WELDS TO BE 4mm UNLESS OTHERWISE SPECIFIED.
  - 75mm BLINDING LAYER OF GRADE 15/20 TO BE PLACED UNDERNEATH FOOTING.
  - BOLTS AND NUTS SHALL BE GRADE 4.6 IN COMPLY WITH BS 4190:2001

REVISIONS		INITIAL AND DESIGNATION		
NO	DESCRIPTION AND DATE	DWN	CAD	AUTH

	NAME AND DESIGNATION	INITIAL	DATE
AUTHORISED	(ICE)		18.3.13
CHECKED	DANNY LAM (DM)		18.3.13
DRAWN	CHAN JAMES (ADM)		18.3.13

PROJECT: WAN CHAI DEVELOPMENT PHASE II - CENTRAL - WAN CHAI BYPASS AT HONG KONG CONVENTION AND EXHIBITION CENTRE

CONTRACT NO: HK/2012/08

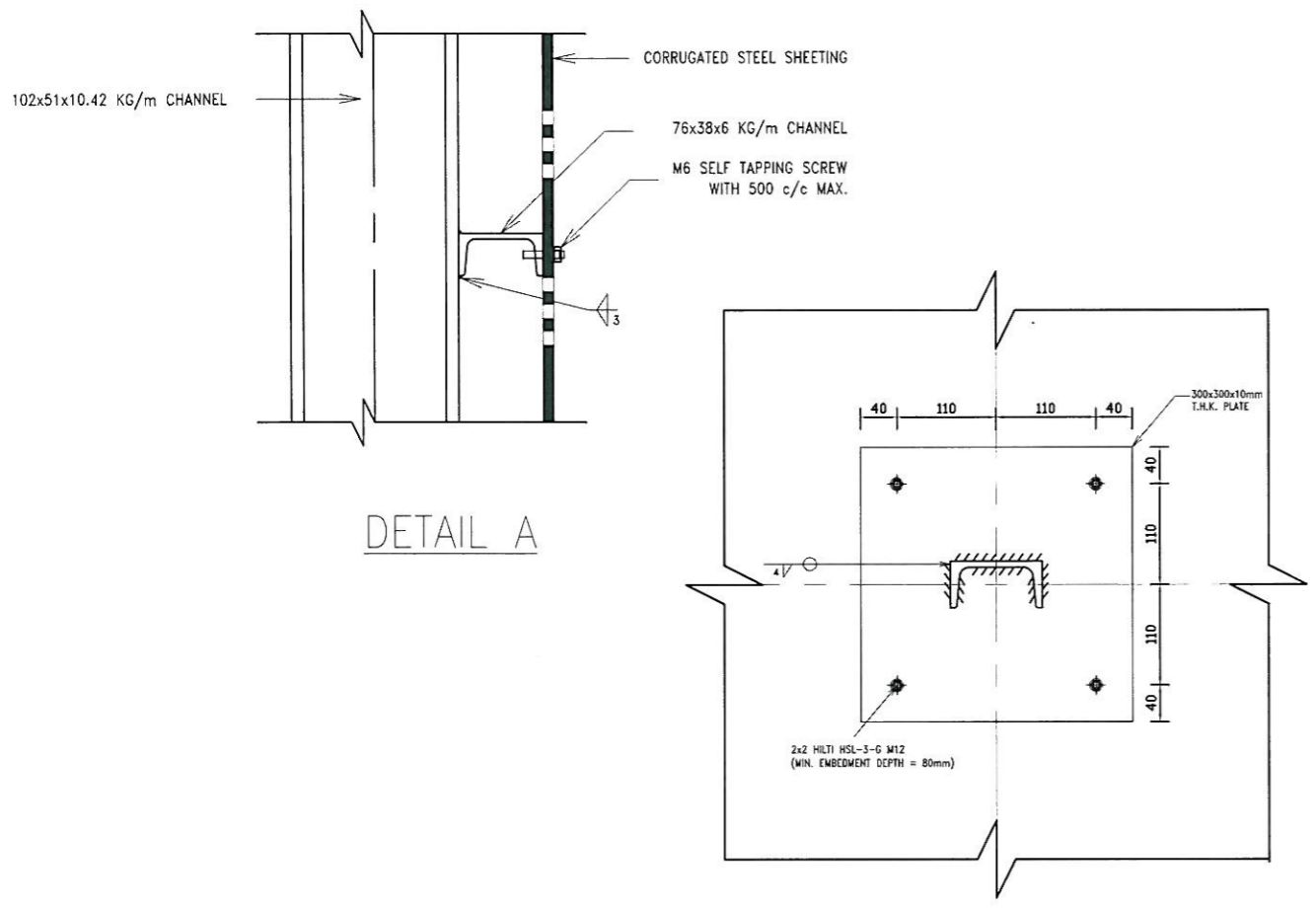
CONTRACTOR: 中國建築-利達聯營 CHINA STATE - LEADER JOINT VENTURE

DRG. NO: HK\_2012\_08/CDB/SK/00018

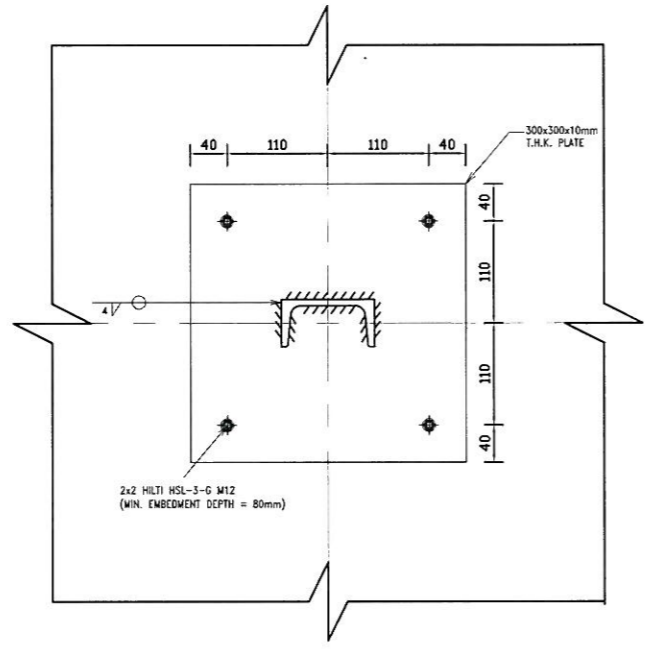
DRG. TITLE: TYPE 'A' HOARDING

SCALE: AS SHOWN

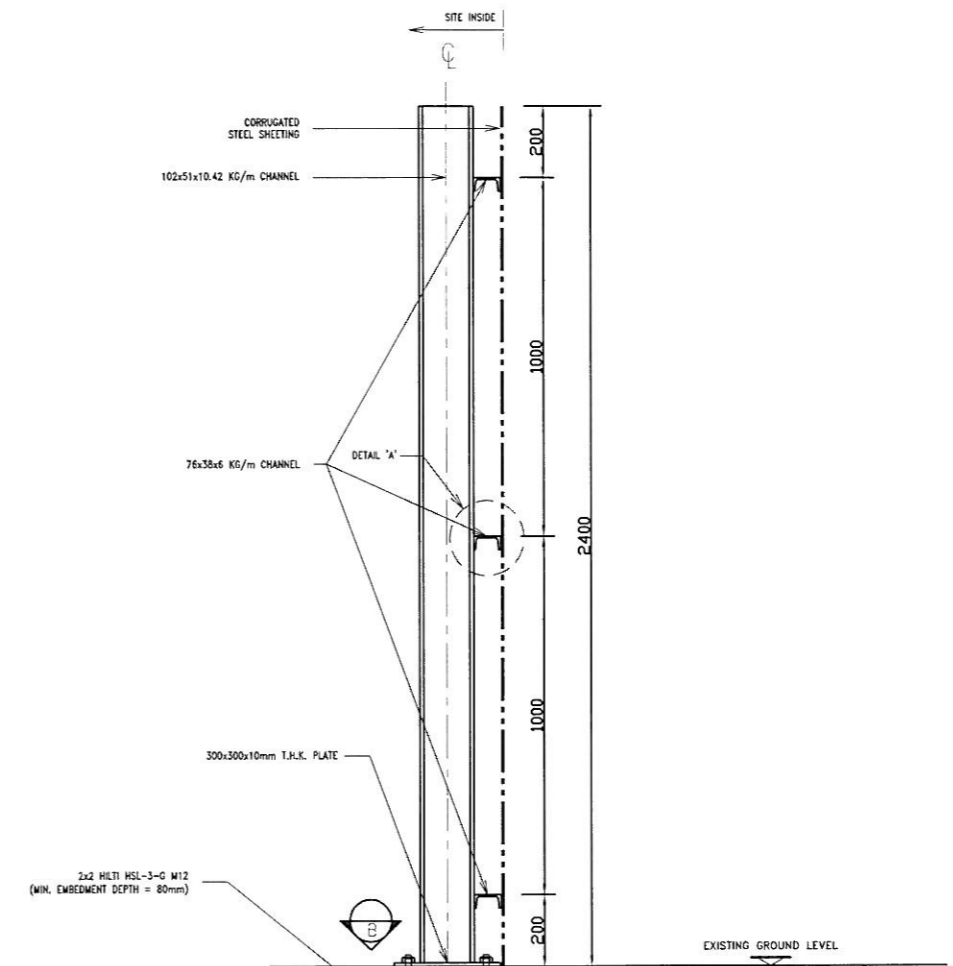
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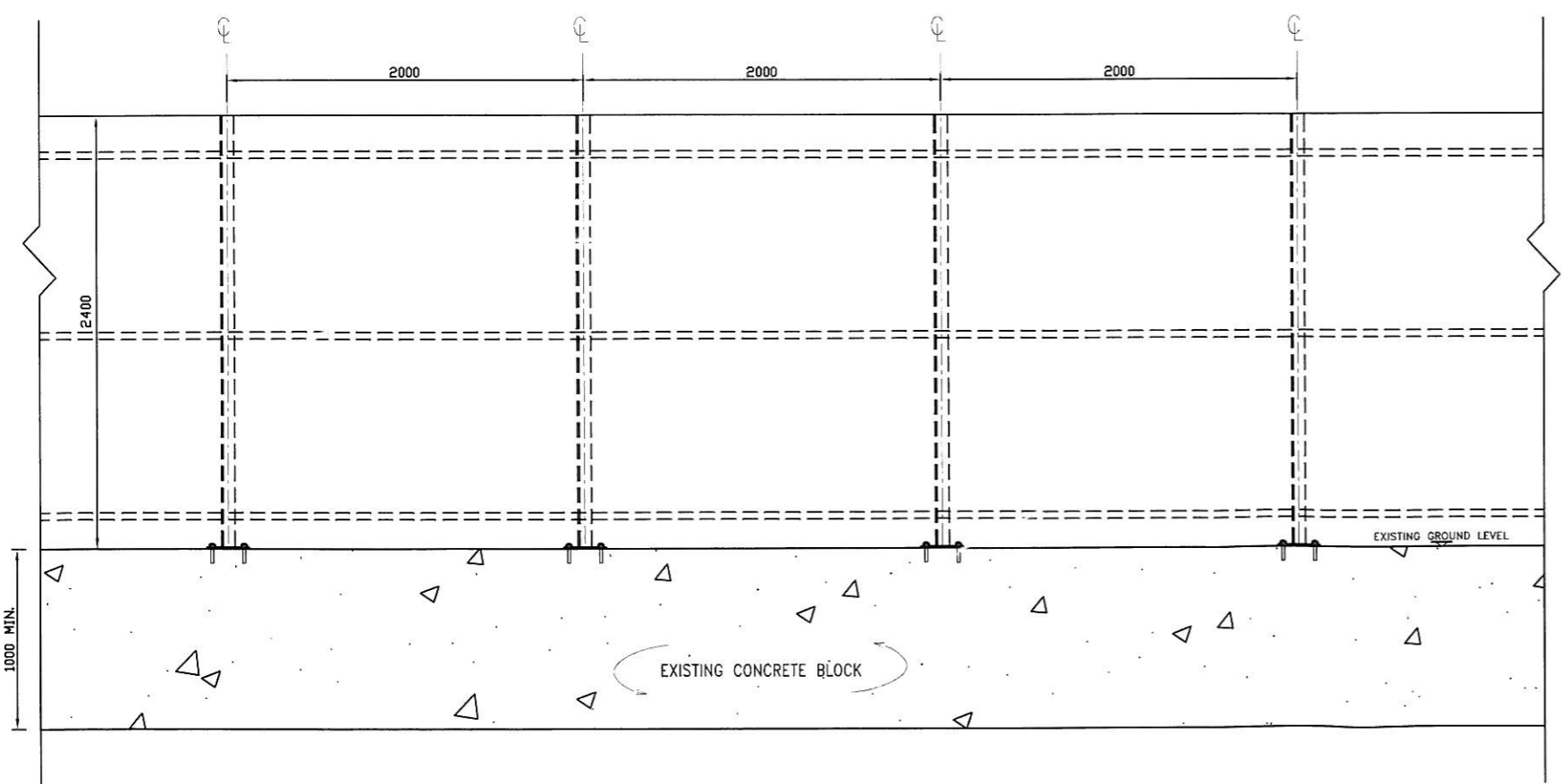
DETAIL A



SECTION B-B



SECTION A-A



ELEVATION

- NOTES**
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH HK\_2012\_08/CDB/SK/00018.
  2. ALL DIMENSIONS SHOWN ARE IN MILLIMETRE.
  3. EXISTING CONCRETE SHALL BE GRADE 20D/20.
  4. ANCHOR BOLTS SHALL BE HILTI HSL-3-G M12 AND INSTALLED IN COMPLIANCE WITH MANUFACTURERS' RECOMMENDATION & SPECIFICATIONS. TEST LOAD FOR BOLTS SHALL BE 27.15KN.

REVISIONS		INITIAL AND DESIGNATION	
NO.	DESCRIPTION AND DATE	OWN	CHKD. AUTH

	NAME AND DESIGNATION	INITIAL	DATE
AUTHORISED	(ICE)		18.3.13
CHECKED	DANNY LAM (DM)		18.3.13
DRAWN	CHAN JAMES (ADM)		18.3.13

PROJECT: WAN CHAI DEVELOPMENT PHASE II - CENTRAL - WAN CHAI BYPASS AT HONG KONG CONVENTION AND EXHIBITION CENTRE

CONTRACT NO: HK/2012/08

CONTRACTOR: 中國建築-利達聯合 CHINA STATE-LEADER JOINT VENTURE

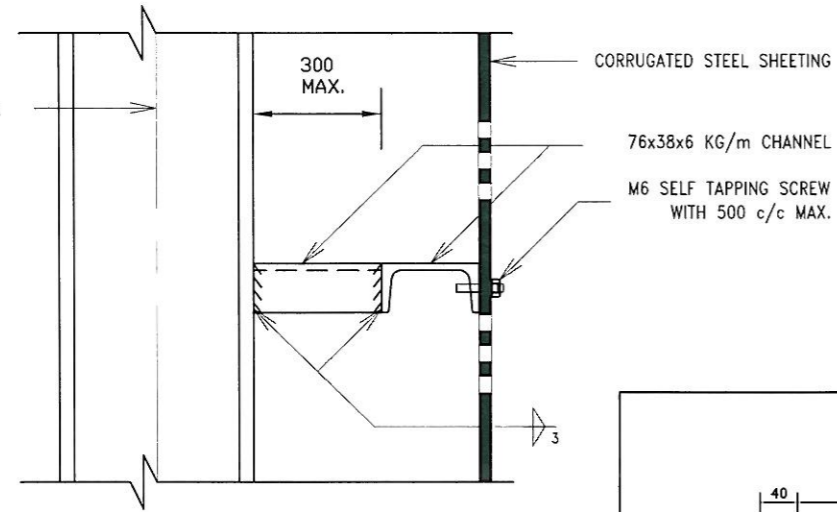
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DRG. TITLE: TYPE 'B' HOARDING

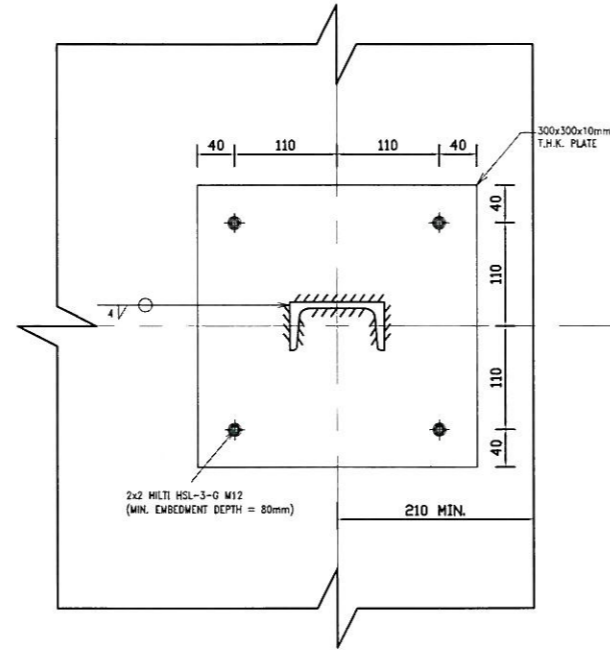
SCALE: AS SHOWN

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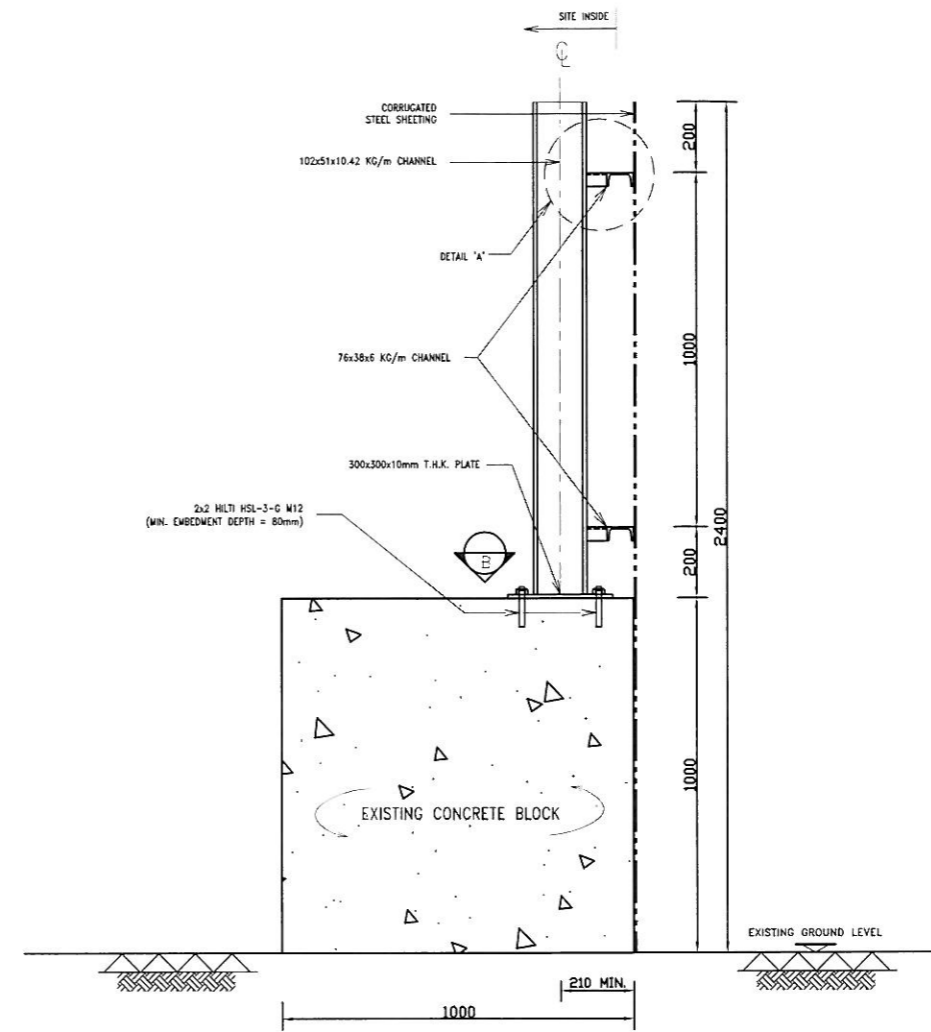
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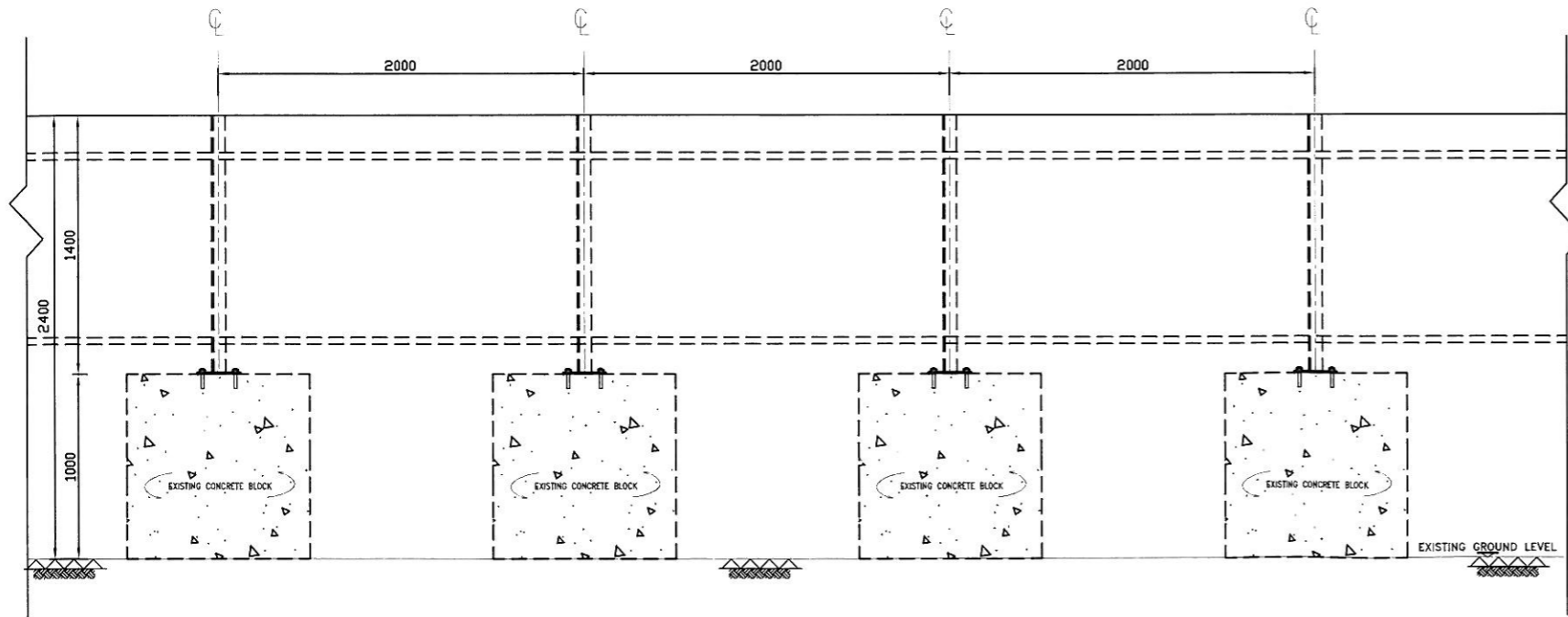
DETAIL A



SECTION B-B



SECTION A-A



ELEVATION

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH HK\_2012\_08/CDB/SK/00018.
2. ALL DIMENSIONS SHOWN ARE IN MILLIMETRE.
3. EXISTING CONCRETE SHALL BE GRADE 20D/20.
4. ANCHOR BOLTS SHALL BE HILTI HSL-3-G M12 AND INSTALLED IN COMPLIANCE WITH MANUFACTURERS' RECOMMENDATION & SPECIFICATIONS. TEST LOAD FOR BOLTS SHALL BE 27.15KN.

REVISIONS

NO.	DESCRIPTION AND DATE	INITIAL	CHK	AUTH

	NAME AND DESIGNATION	INITIAL	DATE
AUTHORISED	(ICE)		18.3.13
CHECKED	DANNY LAM (DM)		18.3.13
DRAWN	CHAN JAMES (ADM)		18.3.13

PROJECT WAN CHAI DEVELOPMENT PHASE II - CENTRAL - WAN CHAI BYPASS AT HONG KONG CONVENTION AND EXHIBITION CENTRE

CONTRACT NO. HK/2012/08

CONSULTANT

CONTRACTOR  
 LEADER 中國建築-利達聯營  
 CHINA STATE-LEADER JOINT VENTURE

DRG. NO. HK\_2012\_08/CDB/SK/00020 REV -

DRG. TITLE  
 TYPE 'C' HOARDING

SCALE AS SHOWN

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## Appendix IX

### Implementation Schedule for Landscape and Visual Mitigation Measures

Implementation Schedule for Landscape and Visual

EIA Ref	Environmental Protection Measures / 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.	Work site / During Construction Phase	Contractor	√	√			EIAO TM	Will be implemented if identified	--
Table 10.5	CM2 Existing trees to be retained on site shall be carefully protected during construction.	Work site / During Construction Phase	Contractor	√	√			EIAO TM	Under implementation	Sections 2 & 5
Table 10.5	CM3 Trees unavoidably affected by the works shall be transplanted where practical.	Work site / During Construction Phase	Contractor	√	√			EIAO TM	Under implementation	Sections 2 & 5
Table 10.5	CM4 Compensatory tree planting shall be provided to compensate for felled trees.	Work site / During Construction Phase	Contractor	√	√			EIAO TM	Will be implemented if tree felling proceeds	Sections 2 & 5
Table 10.5	CM5 Control of night-time lighting.	Work site / During Construction Phase	Contractor		√			EIAO TM	Under implementation	Sections 4 & 5
Table 10.5	CM6 Erection of decorative screen hoarding compatible with the surrounding setting.	Work site / During Construction Phase	Contractor		√			EIAO TM	Under implementation	Sections 3 & 5



For DP1-CWB (Within the Project Boundary)										
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.	Work site / During Construction Phase	Contractor		√			EIAO TM	Will be implemented if identified	--
Table 10.5	CM2 Existing trees to be retained on site shall be carefully protected during construction.	Work site / During Construction Phase	Contractor	√	√			EIAO TM	Under implementation	Sections 2 & 5
Table 10.5	CM3 Trees unavoidably affected by the works shall be transplanted where practical.	Work site / During Construction Phase	Contractor	√	√			EIAO TM	Under implementation	Sections 2 & 5
Table 10.5	CM4 Compensatory tree planting shall be provided to compensate for felled trees.	Work site / During Construction Phase	Contractor	√	√			EIAO TM	Will be implemented if tree felling proceeds	Sections 2 & 5
Table 10.5	CM5 Control of night-time lighting.	Work site / During Construction Phase	Contractor		√			EIAO TM	Under implementation	Sections 4 & 5
Table 10.5	CM6 Erection of decorative screen hoarding compatible with the surrounding setting.	Work site / During Construction Phase	Contractor		√			EIAO TM	Under implementation	Sections 3 & 5

Source of information: EIA Report AEIAR-125/2008

## Appendix X

Photos of All Trees to be Transplanted and Retained  
(for tree groups 1 to 8)

Tree Survey Photo Record



Tree No.: A021

Tree Survey Photo Record



Tree No.: A022

Tree Survey Photo Record



Tree No.: A135

Tree Survey Photo Record



Tree No.: A136

Tree Survey Photo Record



Tree No.: T0154

Tree Survey Photo Record



Tree No.: T0155



Tree Survey Photo Record



Tree No.: T0156

Tree Survey Photo Record



Tree No.: T0170

Tree Survey Photo Record



Tree No.: T0337

Tree Survey Photo Record



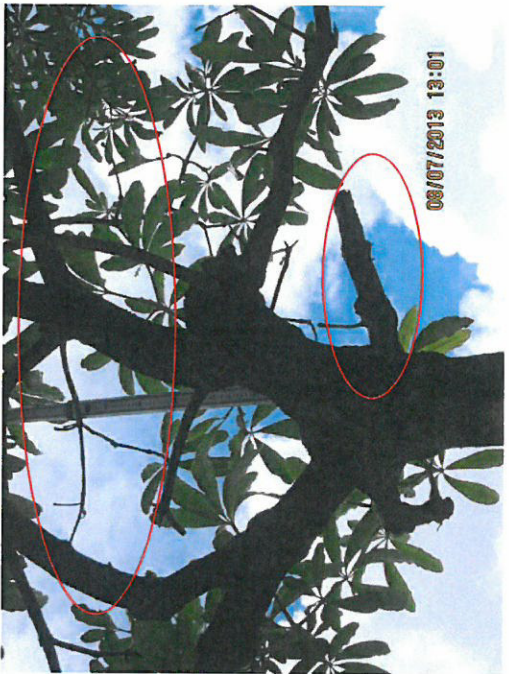
Tree No.: T0468

Tree Survey Photo Record



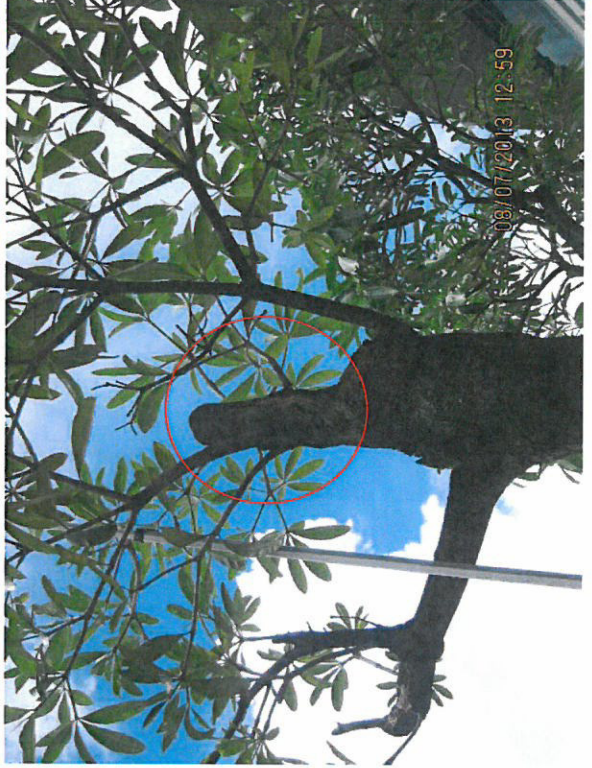
Tree No.: T0469

Tree Survey Photo Record



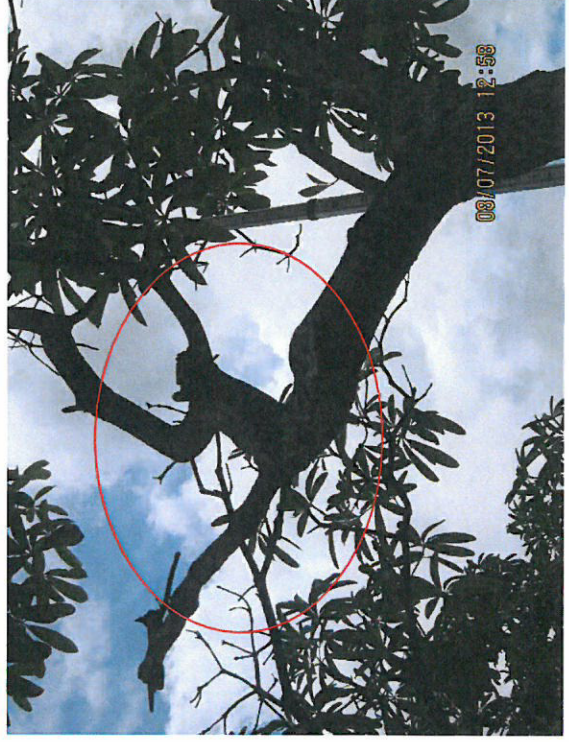
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Tree Survey Photo Record



Tree No.: T0472

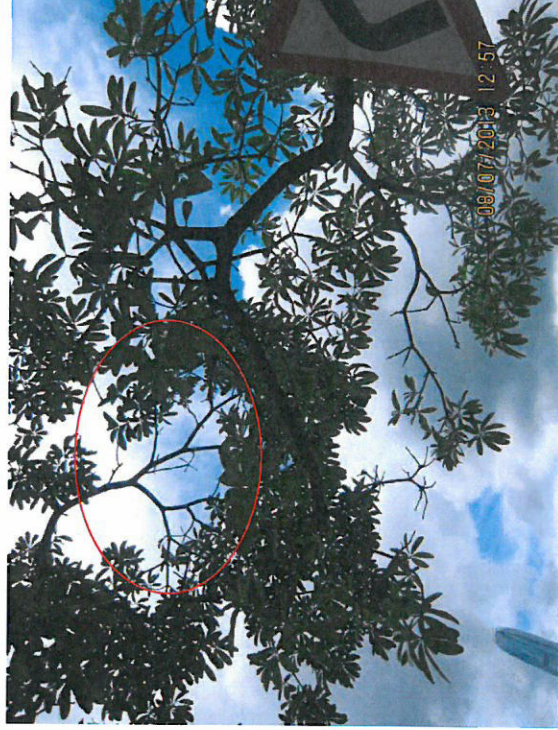
Tree Survey Photo Record



Tree No.: T0473



Tree Survey Photo Record



Tree No.: T0474

Tree Survey Photo Record



Tree No.: T0475

Tree Survey Photo Record



Tree No.: T0476

Tree Survey Photo Record



Tree No.: T0477

Tree Survey Photo Record



Tree No.: T0485

Tree Survey Photo Record



Tree No.: T0487

Tree Survey Photo Record



Tree No.: T0488

Tree Survey Photo Record



Tree No.: T0489



Tree Survey Photo Record



Tree No.: T0490

Tree Survey Photo Record



Tree No.: T0491

Tree Survey Photo Record



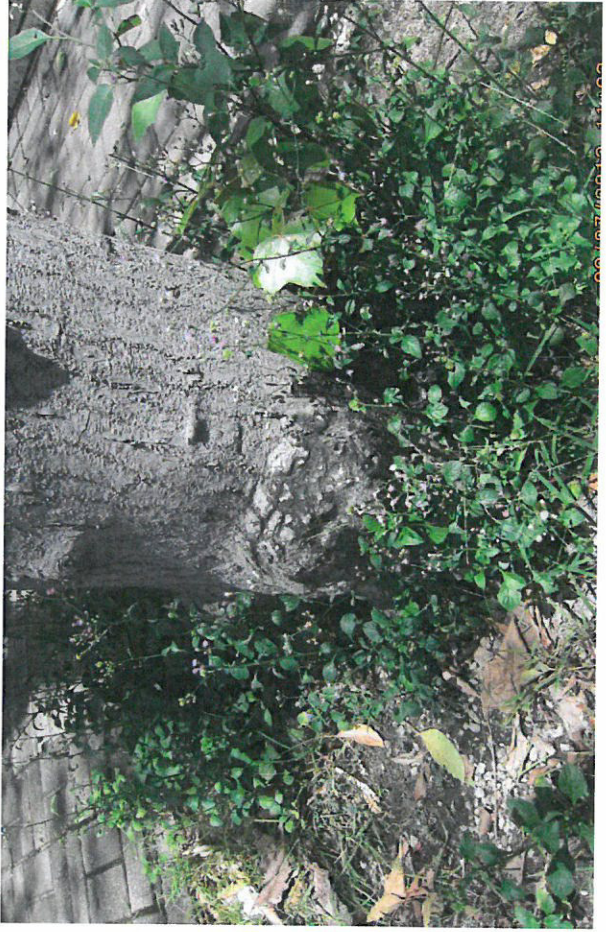
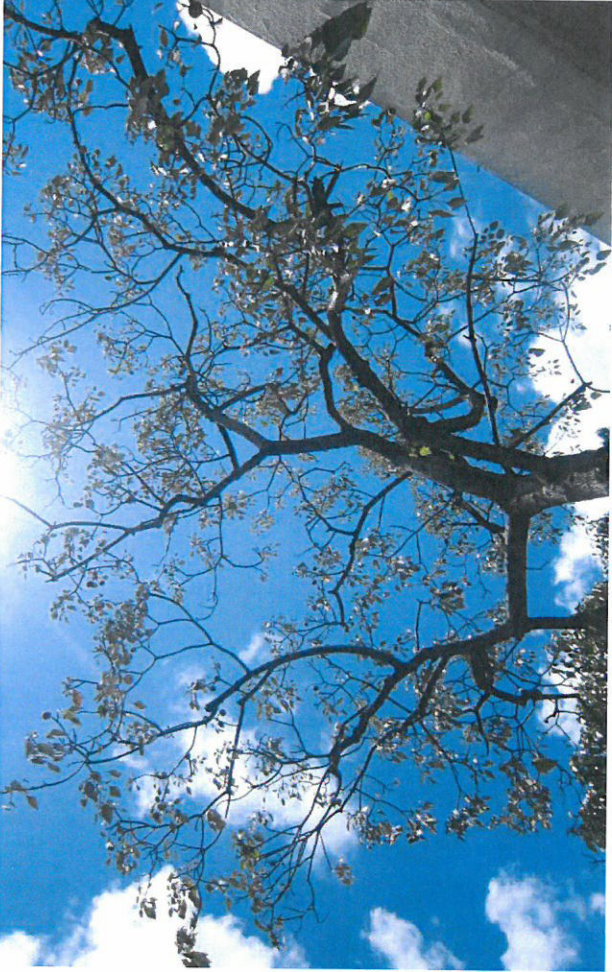
Tree No.: T0600

Tree Survey Photo Record



Tree No.: T0601

Tree Survey Photo Record



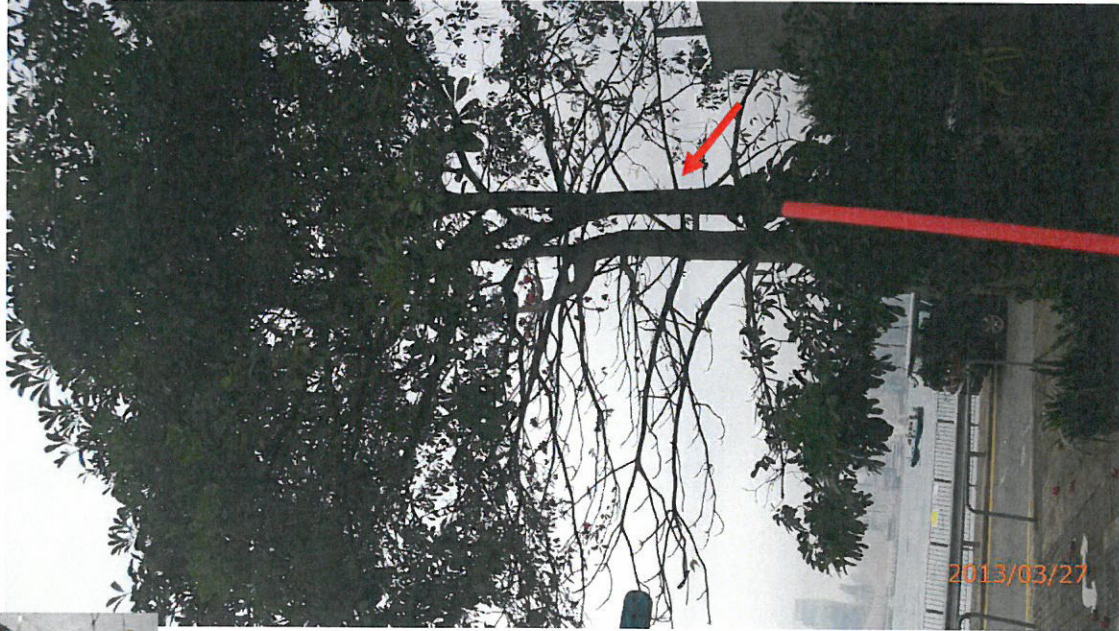
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Tree Survey Photo Record



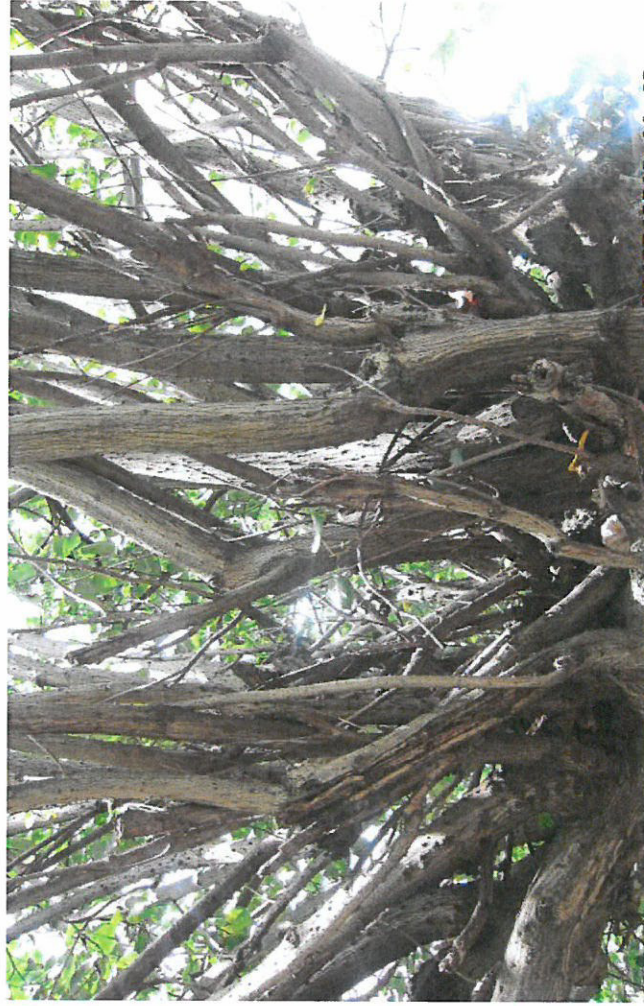
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Tree Survey Photo Record



Tree No.: T0605

Tree Survey Photo Record



Tree No.: T0608



Tree Survey Photo Record



Tree No.: T0609

Tree Survey Photo Record



Tree No.: T0611

Tree Survey Photo Record



Tree No.: T0612

Tree Survey Photo Record



Tree No.: T0613

Tree Survey Photo Record



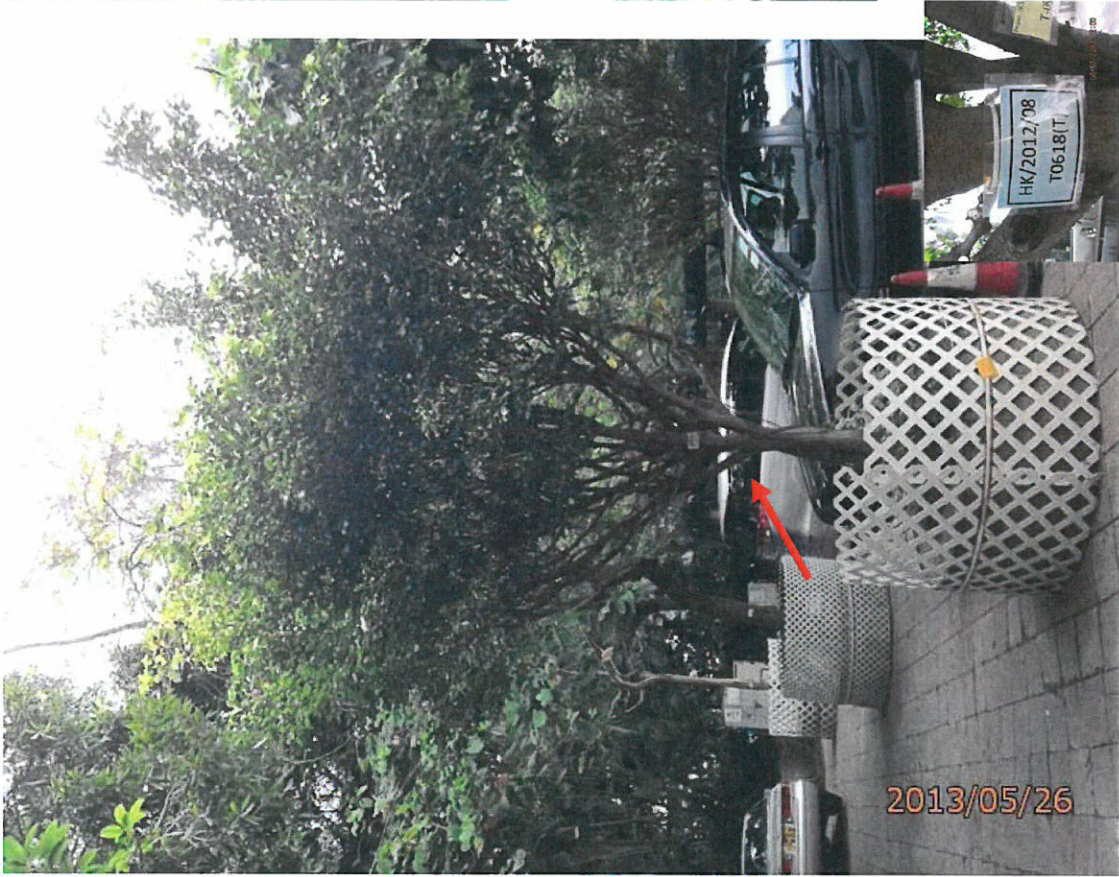
Tree No.: T0616

Tree Survey Photo Record



Tree No.: T0617

Tree Survey Photo Record

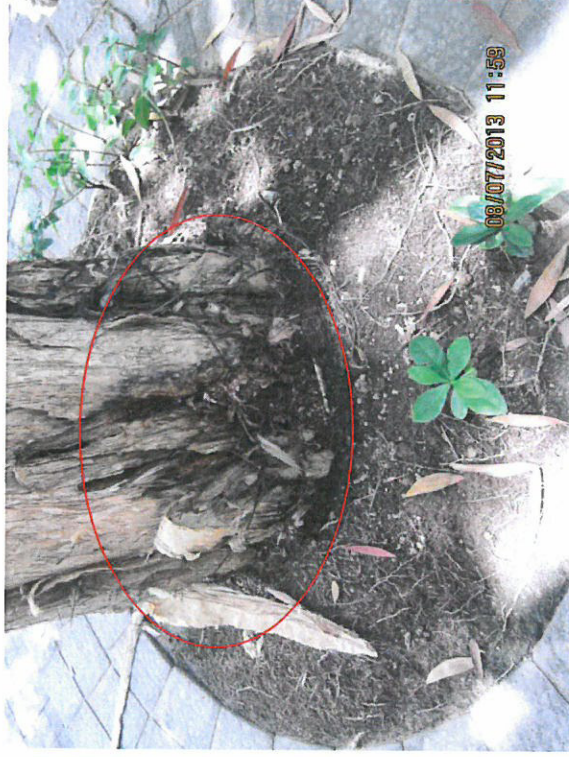


Tree No.: T0618

Tree Survey Photo Record



Tree No.: T0619





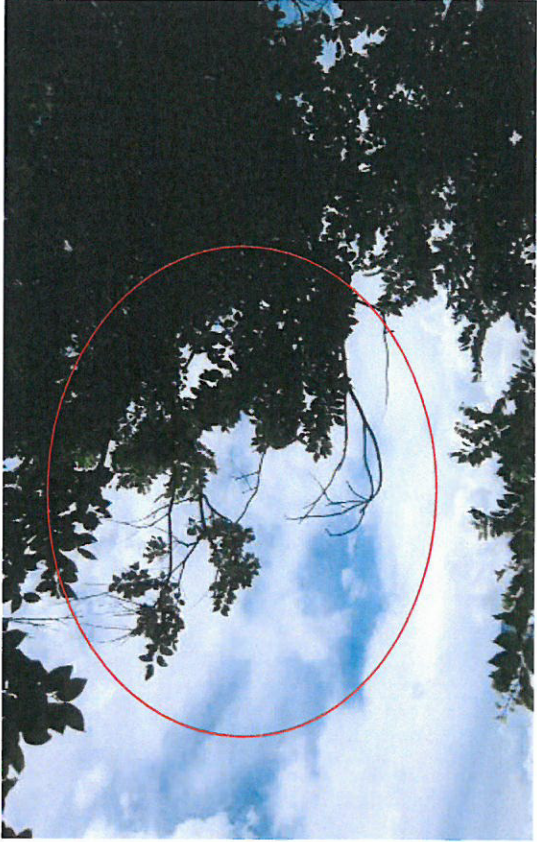
Tree Survey Photo Record



Tree No.: T0620



Tree Survey Photo Record



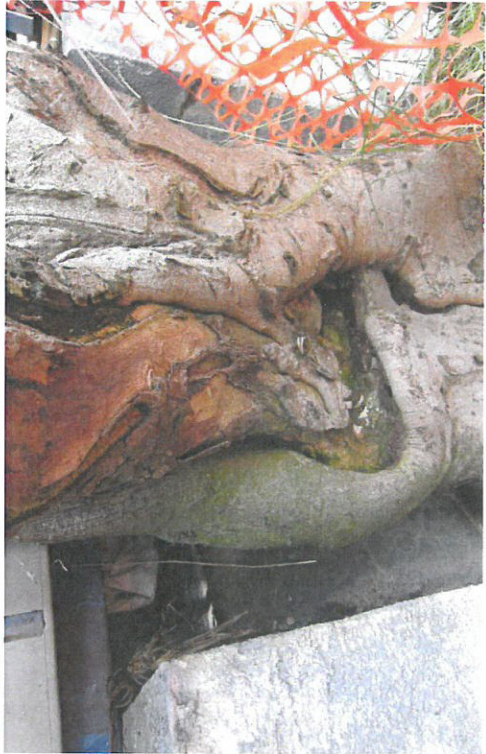
Tree No.: T0624

Tree Survey Photo Record



Tree No.: T0624A

Tree Survey Photo Record



Tree No.: T0625

**Contract No. HK/2012/08**

**Wan Chai Development Phase II - Central-Wan Chai Bypass at Wan Chai West**

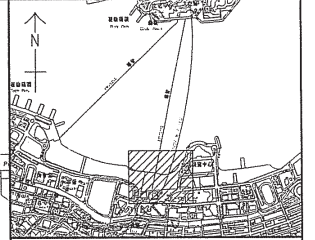
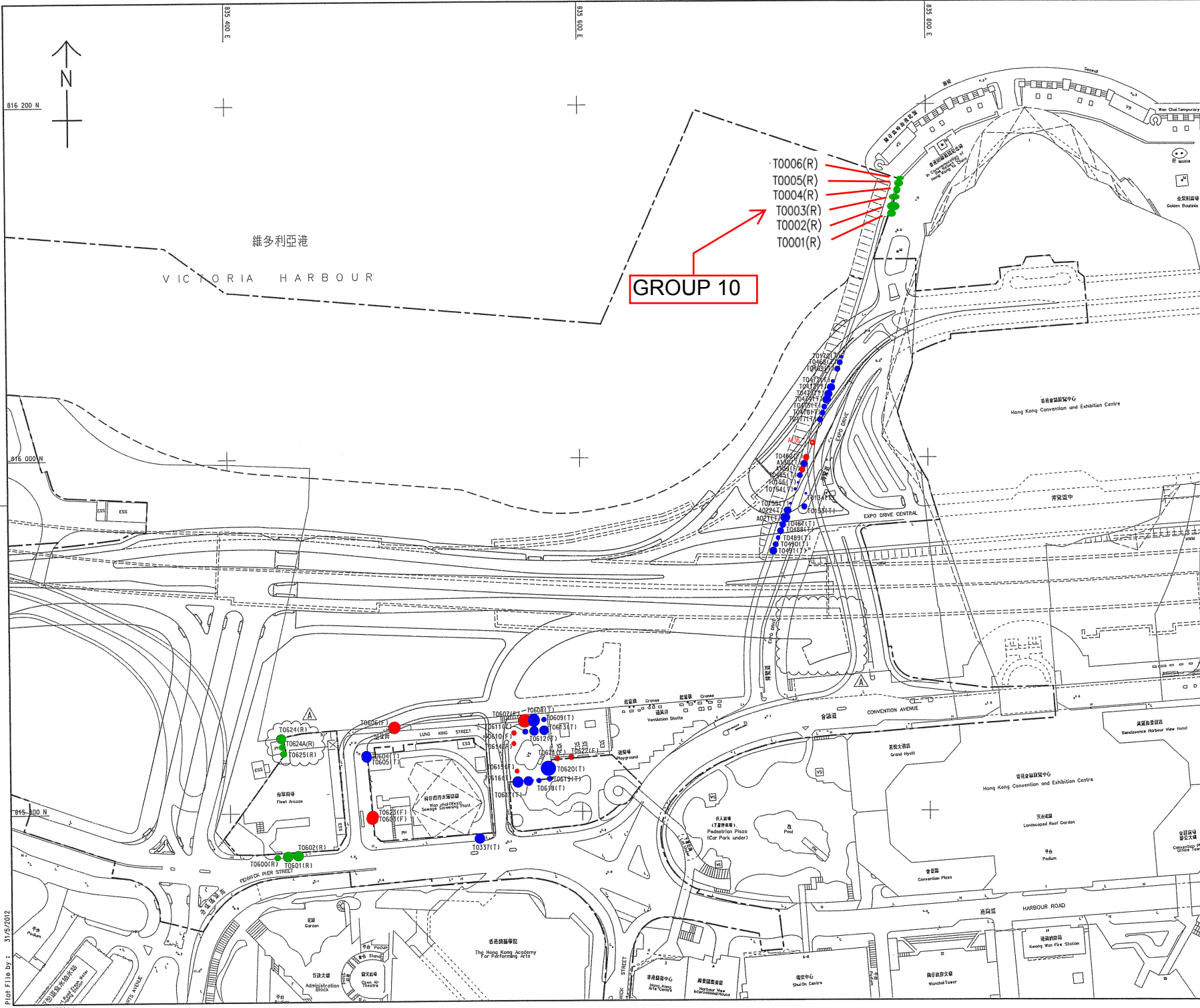
Tree Schedule for Felled Trees at Tree Nursery Site

Date: 25 September 2019

Item	Tree No.	Chinese Name	Botanical name	DIA.(mm)	Spread(m)	Height(m)	Health (G/F/P)	Structural(G/F/P)	Ground Level	Recommendation	Remarks
1	T0604	木棉	<i>Bombax ceiba</i>	300	6	9	Fair	Fair	+3.92mPD	Felled	Felled on 2019.7.22 as not suitable for transplant to receptor site.
2	T0608	黃槿	<i>Hibiscus tiliaceus</i>	400	12	9	Fair	Fair	+3.36mPD	Dead and felled	Nature dead. Recommended to be felled by ITS on 2016.3.17. Felled on 2016.5.13.
3	T0609	血桐	<i>Macaranga tanarius</i>	150	4	4	Poor	Fair	+3.26mPD	Dead and felled	Dead at tree nursery as advised by ITS and felled on 2015.1.29.
4	T0611	血桐	<i>Macaranga tanarius</i>	150	4	4	Poor	Fair	+3.62mPD	Dead and felled	Dead at tree nursery as advised by ITS and felled on 2015.1.29.
5	T0612	血桐	<i>Macaranga tanarius</i>	150	4	4	Fair	Fair	+3.60mPD	Dead and felled	Dead at tree nursery as advised by ITS and felled on 2015.1.29.
6	T0613	黃槿	<i>Hibiscus tiliaceus</i>	500	10	9	Fair	Fair	+3.40mPD	Dead and felled	Cut wounds. Collapsed by Typhoon Meranti on 2016.9.10 to 2016.9.15. Felled as advised by ITS.
7	T0618	垂葉榕	<i>Ficus benjamina</i>	100	3	3	Fair	Fair	+4.24mPD	Dead and felled	Damaged by other collapsed tree on 2016.3.10 due to heavy rain and felled.
8	T0619	白千層	<i>Melaleuca cajuputi</i> subsp. <i>Cumingiana</i>	250	5	8	Fair	Fair	+4.26mPD	Felled	Felled on 2019.7.22 as not suitable for transplant to receptor site.
9	T0620	大葉榕	<i>Ficus virens</i>	350	12	10	Fair	Fair	+4.05mPD	Felled	Felled on 2019.7.22 as not suitable for transplant to receptor site.
10	T0468	糖膠樹	<i>Alstonia scholaris</i>	191	4	5.5	Fair	Fair	+5.63mPD	Dead and felled	Dead at tree nursery as advised by ITS and felled on 2017.6.22.

## Appendix XI

### Tree Survey Plan for Tree Groups 9 and 10



KEY PLAN  
SCALE 1 : 20000

- LEGEND:**
- SITE BOUNDARY
  - T0608(T) EXISTING TREE TO BE TRANSPLANTED
  - T0602(R) EXISTING TREE TO BE RETAINED
  - T0606(F) EXISTING TREE TO BE FELLED

A	TENDER ADDENDUM NO.1	CYKJ	WHL	JUN 12
B	TENDER DRAWING	CYKJ	WHL	MAY 12
REV	DESCRIPTION	DATE	BY	CHECKED

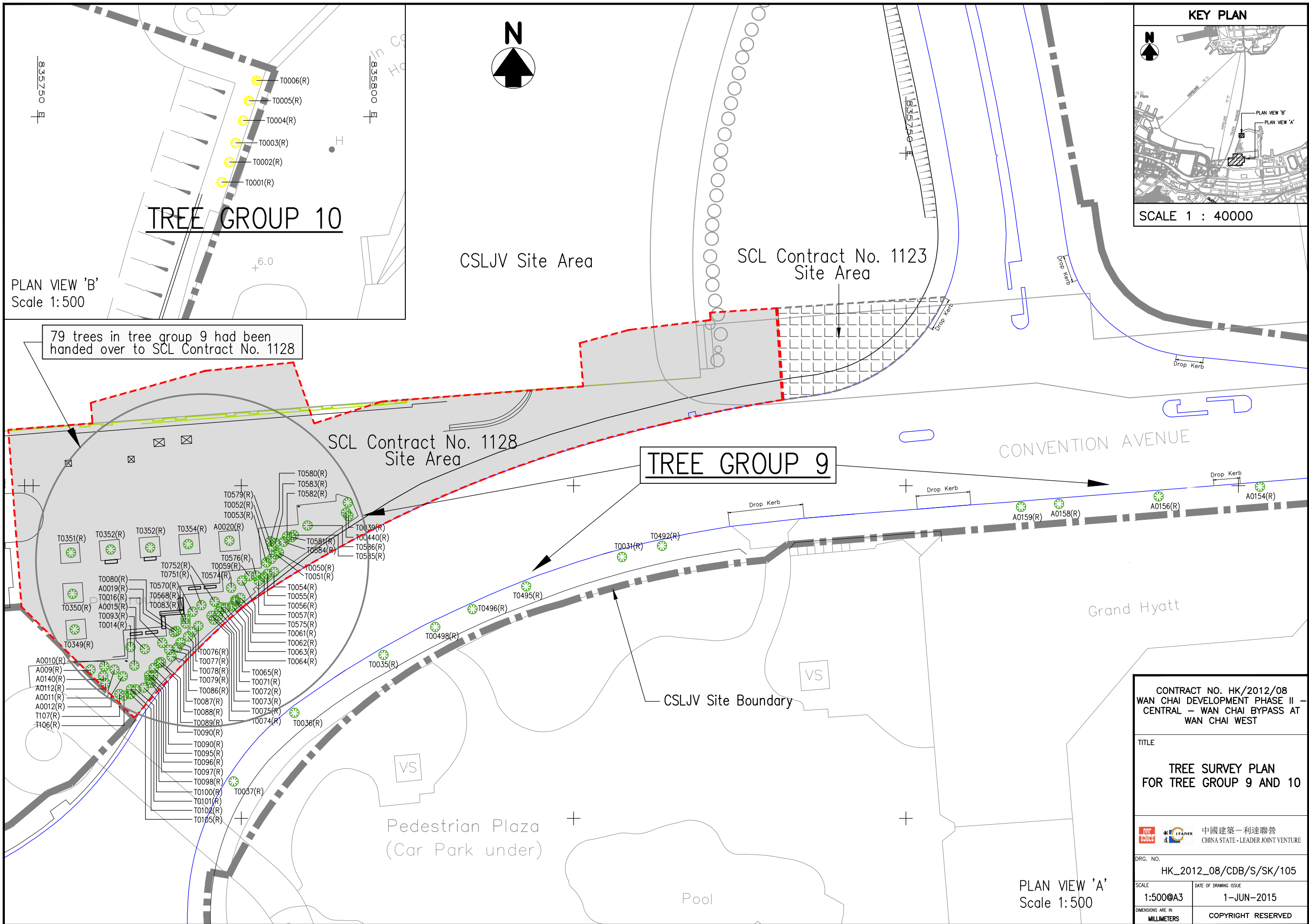
**WAN CHAI DEVELOPMENT PHASE II**  
WAN CHAI DEVELOPMENT PHASE II -  
CENTRAL - WAN CHAI BYPASS AT WAN CHAI WEST  
**Tree Group 10**

DESIGNED BY 設計	ST	CONTRACT NO. 合約編號	HK/2012/08	P. E.C. APPROVED 專業人士核實	TKH
DRAWN BY 繪圖	TS	STATUS 狀態			
SCALE 比例	A1 : 1:1000				
DATE OF ISSUE 出圖日期					

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PLOT FILE BY : 31/5/2012

PATH : \1001\600A.dgn



PLAN VIEW 'B'  
Scale 1:500

**TREE GROUP 10**

CSLJV Site Area

SCL Contract No. 1123  
Site Area

SCL Contract No. 1128  
Site Area

**TREE GROUP 9**

CONVENTION AVENUE

Grand Hyatt

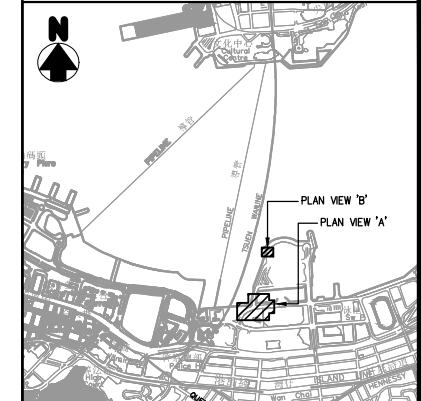
CSLJV Site Boundary

Pedestrian Plaza  
(Car Park under)

Pool

PLAN VIEW 'A'  
Scale 1:500

**KEY PLAN**



SCALE 1 : 40000

79 trees in tree group 9 had been handed over to SCL Contract No. 1128

CONTRACT NO. HK/2012/08  
WAN CHAI DEVELOPMENT PHASE II –  
CENTRAL – WAN CHAI BYPASS AT  
WAN CHAI WEST

TITLE  
**TREE SURVEY PLAN  
FOR TREE GROUP 9 AND 10**

中國建築—利達聯營  
CHINA STATE - LEADER JOINT VENTURE

DRG. NO.  
HK\_2012\_08/CDB/S/SK/105

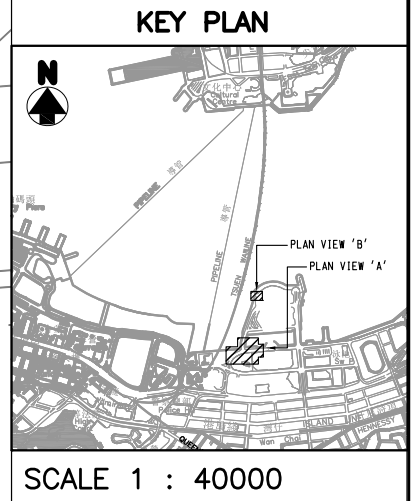
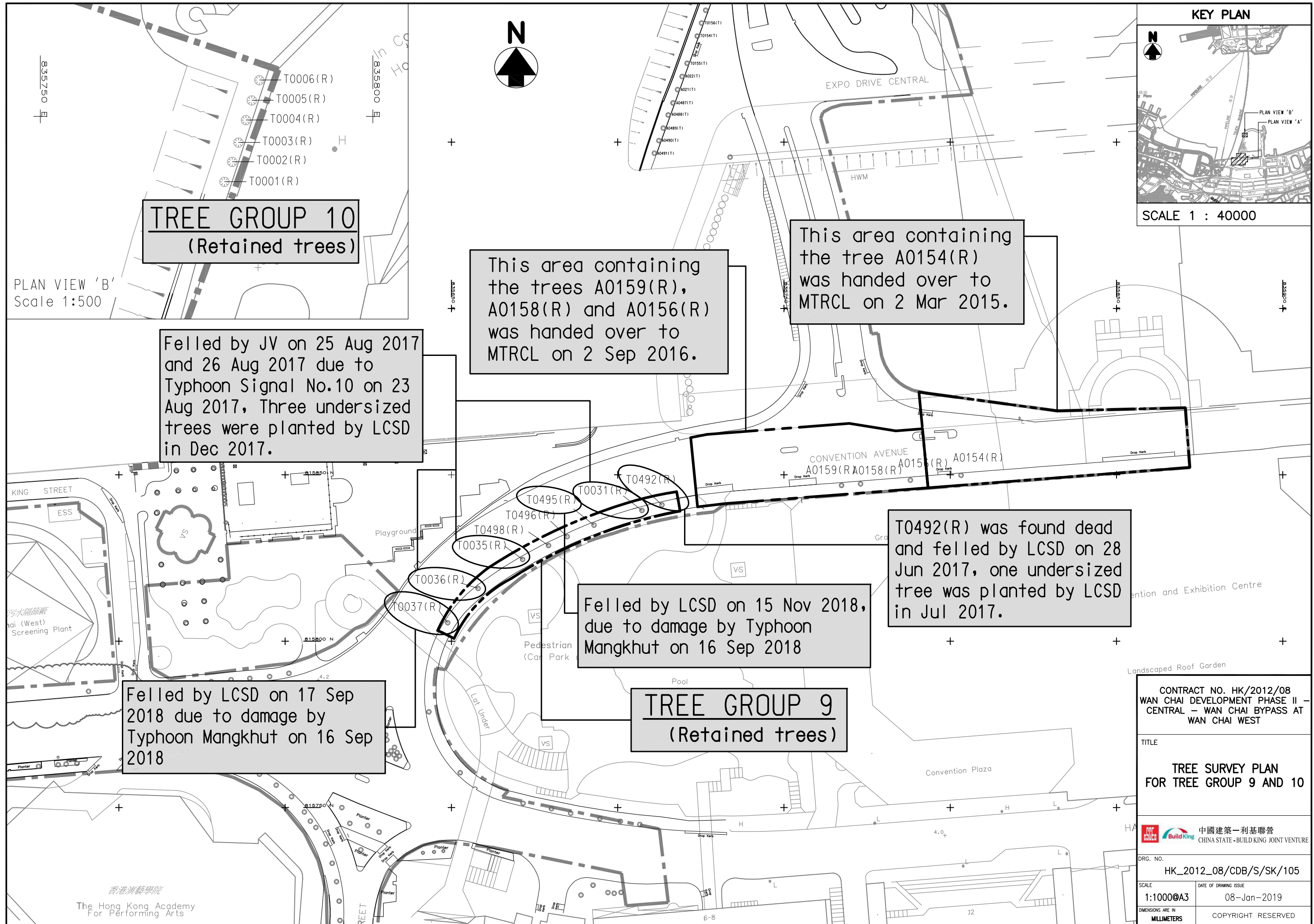
SCALE  
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DATE OF DRAWING ISSUE  
1-JUN-2015

DIMENSIONS ARE IN  
MILLIMETERS

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**TREE GROUP 10**  
(Retained trees)

PLAN VIEW 'B'  
Scale 1:500

This area containing the tree A0154(R) was handed over to MTRCL on 2 Mar 2015.

This area containing the trees A0159(R), A0158(R) and A0156(R) was handed over to MTRCL on 2 Sep 2016.

Felled by JV on 25 Aug 2017 and 26 Aug 2017 due to Typhoon Signal No.10 on 23 Aug 2017, Three undersized trees were planted by LCSD in Dec 2017.

T0492(R) was found dead and felled by LCSD on 28 Jun 2017, one undersized tree was planted by LCSD in Jul 2017.

Felled by LCSD on 15 Nov 2018, due to damage by Typhoon Mangkhut on 16 Sep 2018

**TREE GROUP 9**  
(Retained trees)

Felled by LCSD on 17 Sep 2018 due to damage by Typhoon Mangkhut on 16 Sep 2018

CONTRACT NO. HK/2012/08  
WAN CHAI DEVELOPMENT PHASE II –  
CENTRAL – WAN CHAI BYPASS AT  
WAN CHAI WEST

TITLE  
**TREE SURVEY PLAN  
FOR TREE GROUP 9 AND 10**

中國建築-利基聯營  
CHINA STATE-BUILD KING JOINT VENTURE

DRG. NO.  
HK\_2012\_08/CDB/S/SK/105

SCALE  
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DIMENSIONS ARE IN  
MILLIMETERS

DATE OF DRAWING ISSUE  
08-Jan-2019  
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Your Ref : HK/2012/08/CS1.01/06/007780  
Our Ref : WDII/(HK/2012/08)/C35/100/R16482

12 April 2019

The Agent  
China State – Leader Joint Venture  
29/F, China Overseas Building  
139 Hennessy Road  
Wan Chai  
Hong Kong



Dear Sir,

**Contract No. HK/2012/08**  
**Wan Chai Development Phase II –**  
**Central – Wan Chai Bypass at Wan Chai West**

**Tree Survey Bi-monthly Report for January and February 2019**

Your above-referenced submission regarding the captioned subject is noted.

Section X of the Works “Protection and Preservation of Existing Trees” was certified as substantially completed on 23 November 2018 according to our letter ref. TKH:WHL:PWKL:cfwl:60041297/C3/M15/910-2018012616W dated 30 November 2018.

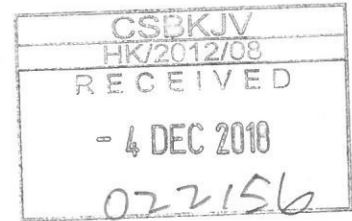
Hence, submission of the captioned report is no longer required.

Yours faithfully,

Gloria Tang  
Engineer's Representative  
Chief Resident Engineer  
AECOM Asia Co. Ltd.

c.c. AACL - Attn: Mr. Francis Leong

GT/TNK/WT/IL/lcp  
lg



Your Ref : HK/2012/08/CDB/CA2/009779

Our Ref : TKH:WHL:PWKL:cfl:60041297/C3/M15/910-2018012616W

30 November 2018

Project Manager  
China State – Leader Joint Venture  
29/F, China Overseas Building  
139 Hennessy Road  
Wan Chai  
Hong Kong

Dear Sir,

**Contract No. HK/2012/08**  
**Wan Chai Development Phase II –**  
**Central – Wan Chai Bypass at Wan Chai West****Certificate of Completion No. 15 – Section X of the Works**

In accordance with Clause 53 of the General Conditions of Contract, we hereby certify that Section X of the Works was substantially completed on 23 November 2018.

This certificate is issued following receipt of your above referenced letter dated 27 November 2018 requesting a Certificate of Completion of the said Section with notice that the Works in the said Section have been substantially completed and with your undertaking to carry out any outstanding work during the Maintenance Period.

Yours faithfully,  
For and on behalf of  
AECOM Asia Co. Ltd.\_\_\_\_\_  
Keith Tsang  
The Engineer for the Contractc.c. PM(S), CEDD - Attn: Mr. Wilson H W Ma  
DAS (Payment Examination Unit)  
CTA(F), DBWB  
D of A  
CRE/WDII

## Appendix XII

### Tree Survey Schedule for Tree Groups 9 and 10

Contract No. HK/2012/08  
Central-Wan Chai Bypass at Wan Chai West

Tree Survey - Tree Schedule

Group No.	Tree No.	Chinese Name	Botanical name	DIA.(mm)	Height(m)	Spread(m)	Health (G/F/P)	Structural(G/F/P)	Ground Level	Original Recommendation	Remark	-
9	A0009	蒲葵	<i>Livistona chinenses</i>	169	5	4	Fair	Good	+4.28mPD	Retain	(A), Felled	
	A0010	蒲葵	<i>Livistona chinenses</i>	223	5	4	Fair	Good	+4.28mPD	Retain	(A), Felled	
	A0011	蒲葵	<i>Livistona chinensis</i>	210	1.6	4	Good	Good	+4.28mPD	Retain	(A), Felled	
	A0012	樟	<i>Cinnamomum camphora</i>	410	12	12	Fair	Good	+4.28mPD	Retain	(A), Felled	
	A0014	白千層	<i>Melaleuca cajuputi subsp. Cumingiana</i>	-	-	-	-	-	-	Dead	(A), Felled	
	A0015	細葉榕	<i>Ficus microcarpa</i>	800	10	12	Fair	Fair	+4.38mPD	Retain	(A), Felled	
	A0016	細葉榕	<i>Ficus microcarpa</i>	140	6	5	Fair	Fair	+4.38mPD	Retain	(A), Felled	
	A0019	-	-	-	-	-	-	-	-	Dead	(B), Dead and Felled	
	A0020	-	-	-	-	-	-	-	-	Dead	(B), Dead and Felled	
	A0140	-	-	-	-	-	-	-	-	Dead	(B), Dead and Felled	
	A0154	洋紫荊	<i>Bauhinia blakeana</i>	110	5	3	Fair	Fair	+3.71mPD	Retain	Handed over to MTRCL on 2 Mar 2015	
	A0156	洋紫荊	<i>Bauhinia blakeana</i>	160	7	3	Fair	Fair	+3.80mPD	Retain	Handed over to MTRCL on 2 Sep 2016	
	A0158	洋紫荊	<i>Bauhinia blakeana</i>	200	5.5	4	Fair	Fair	+3.76mPD	Retain	Handed over to MTRCL on 2 Sep 2016	
	A0159	紅花羊蹄甲	<i>Bauhinia purpurea</i>	100	5	4	Fair	Fair	+3.74mPD	Retain	Handed over to MTRCL on 2 Sep 2016	
	T0029	朴樹	<i>Celtis sinensis</i>	120	4	2.5	Fair	Fair	+3.77mPD	Retain	(A), Felled	
	T0030	黃葛樹	<i>Ficus virens</i>	100	3	3	Fair	Fair	+3.77mPD	Retain	(A), Felled	
	T0031	黃槿	<i>Hibiscus tiliaceus</i>	463	8	5	Fair	Fair	+3.77mPD	Retain	(D), Damaged by Typhoon and Felled	
	T0035	洋紫荊	<i>Bauhinia blakeana</i>	160	4.5	4	Fair	Fair	+3.70mPD	Retain	(D), Damaged by Typhoon and Felled	
	T0036	紅花羊蹄甲	<i>Bauhinia purpurea</i>	140	5	4	Fair	Fair	+3.64mPD	Retain	(D), Damaged by Typhoon and Felled	
	T0037	洋紫荊	<i>Bauhinia blakeana</i>	100	5	4	Fair	Fair	+3.70mPD	Retain	(C), Felled	
	T0038	蒲葵	<i>Livistona chinensis</i>	350	4.5	3.5	Fair	Fair	+4.05mPD	Retain	(A), Felled	
	T0039	日本葵	<i>Phoenix roebelenii</i>	170	2	2	Good	Fair	+4.05mPD	Retain	(A), Felled	
	T0040	日本葵	<i>Phoenix roebelenii</i>	100	2.5	2	Good	Fair	+4.05mPD	Retain	(A), Felled	
	T0050	日本葵	<i>Phoenix roebelenii</i>	95	2.5	2	Good	Fair	+4.20mPD	Retain	(A), Felled	
	T0051	日本葵	<i>Phoenix roebelenii</i>	95	2.5	2	Good	Fair	+4.20mPD	Retain	(A), Felled	
	T0052	日本葵	<i>Phoenix roebelenii</i>	95	2.5	2	Good	Fair	+4.20mPD	Retain	(A), Felled	
	T0053	日本葵	<i>Phoenix roebelenii</i>	100	3	2	Good	Fair	+4.20mPD	Retain	(A), Felled	
	T0054	日本葵	<i>Phoenix roebelenii</i>	100	2.5	2	Good	Fair	+4.24mPD	Retain	(A), Felled	
	T0055	日本葵	<i>Phoenix roebelenii</i>	100	2.5	2	Good	Fair	+4.24mPD	Retain	(A), Felled	
	T0056	日本葵	<i>Phoenix roebelenii</i>	95	2.5	2	Good	Fair	+4.24mPD	Retain	(A), Felled	
	T0057	日本葵	<i>Phoenix roebelenii</i>	95	2.5	2	Good	Fair	+4.24mPD	Retain	(A), Felled	
	T0059	日本葵	<i>Phoenix roebelenii</i>	95	2.5	2	Fair	Fair	+4.27mPD	Retain	(A), Felled	
T0061	日本葵	<i>Phoenix roebelenii</i>	95	2.5	2	Good	Fair	+4.28mPD	Retain	(A), Felled		
T0062	日本葵	<i>Phoenix roebelenii</i>	95	2.5	2	Good	Fair	+4.28mPD	Retain	(A), Felled		
T0063	日本葵	<i>Phoenix roebelenii</i>	95	2.5	2	Good	Fair	+4.28mPD	Retain	(A), Felled		
T0064	日本葵	<i>Phoenix roebelenii</i>	120	2.5	2	Good	Fair	+4.28mPD	Retain	(A), Felled		
T0065	日本葵	<i>Phoenix roebelenii</i>	95	2.5	2	Good	Fair	+4.27mPD	Retain	(A), Felled		
T0071	日本葵	<i>Phoenix roebelenii</i>	95	2.5	2	Good	Fair	+4.27mPD	Retain	(A), Felled		
T0072	日本葵	<i>Phoenix roebelenii</i>	95	2	2	Good	Fair	+4.27mPD	Retain	(A), Felled		
T0073	日本葵	<i>Phoenix roebelenii</i>	100	3	2	Fair	Fair	+4.25mPD	Retain	(A), Felled		
T0074	日本葵	<i>Phoenix roebelenii</i>	100	2.5	2	Good	Fair	+4.25mPD	Retain	(A), Felled		
T0075	日本葵	<i>Phoenix roebelenii</i>	100	2.5	2	Good	Poor	+4.25mPD	Retain	(A), Felled		
T0076	日本葵	<i>Phoenix roebelenii</i>	140	1.3	1	Good	Fair	+4.23mPD	Retain	(A), Felled		
T0077	日本葵	<i>Phoenix roebelenii</i>	140	1.3	1.5	Good	Fair	+4.26mPD	Retain	(A), Felled		
T0078	日本葵	<i>Phoenix roebelenii</i>	150	1.5	1	Good	Fair	+4.29mPD	Retain	(A), Felled		
T0079	日本葵	<i>Phoenix roebelenii</i>	150	1.7	1	Good	Fair	+4.36mPD	Retain	(A), Felled		

**Contract No. HK/2012/08**  
**Central-Wan Chai Bypass at Wan Chai West**

Tree Survey - Tree Schedule

Group No.	Tree No.	Chinese Name	Botanical name	DIA.(mm)	Height(m)	Spread(m)	Health (G/F/P)	Structural(G/F/P)	Ground Level	Original Recommendation	Remark	-
9	T0080	日本葵	<i>Phoenix roebelenii</i>	120	1.6	1	-	-	-	Retain	(B), Dead and Felled	
	T0083	樟	<i>Cinnamomum camphora</i>	-	-	-	-	-	-	Dead	(B), Dead and Felled	
	T0086	日本葵	<i>Phoenix roebelenii</i>	140	1.6	1	Good	Fair	+4.36mPD	Retain	(A), Felled	
	T0087	日本葵	<i>Phoenix roebelenii</i>	120	1.9	1	Good	Fair	+4.36mPD	Retain	(A), Felled	
	T0088	日本葵	<i>Phoenix roebelenii</i>	95	1.8	1	Good	Fair	+4.37mPD	Retain	(A), Felled	
	T0089	日本葵	<i>Phoenix roebelenii</i>	95	1.8	1	Fair	Fair	+4.37mPD	Retain	(A), Felled	
	T0090	日本葵	<i>Phoenix roebelenii</i>	100	1.8	1	Good	Good	+4.38mPD	Retain	(A), Felled	
	T0091	日本葵	<i>Phoenix roebelenii</i>	95	2.5	1.5	Good	Good	+4.38mPD	Retain	(A), Felled	
	T0093	樟	<i>Cinnamomum camphora</i>	300	9	1.5	Fair	Fair	+4.38mPD	Dead	(A), Felled	
	T0095	日本葵	<i>Phoenix roebelenii</i>	110	2	1.5	Good	Good	+4.39mPD	Retain	(A), Felled	
	T0096	日本葵	<i>Phoenix roebelenii</i>	100	2.5	2	Good	Good	+4.39mPD	Retain	(A), Felled	
	T0097	日本葵	<i>Phoenix roebelenii</i>	100	2	1.5	Good	Good	+4.39mPD	Retain	(A), Felled	
	T0098	日本葵	<i>Phoenix roebelenii</i>	100	1.3	1	Good	Good	+4.39mPD	Retain	(A), Felled	
	T0100	日本葵	<i>Phoenix roebelenii</i>	110	1.8	2	Good	Good	+4.39mPD	Retain	(A), Felled	
	T0101	日本葵	<i>Phoenix roebelenii</i>	100	1.5	1.5	Good	Good	+4.33mPD	Retain	(A), Felled	
	T0102	日本葵	<i>Phoenix roebelenii</i>	95	3	1.5	Good	Good	+4.30mPD	Retain	(A), Felled	
	T0105	日本葵	<i>Phoenix roebelenii</i>	100	1.5	1	Good	Good	+4.30mPD	Retain	(A), Felled	
	T0106	日本葵	<i>Phoenix roebelenii</i>	120	1.7	1	Good	Good	+4.28mPD	Retain	(A), Felled	
	T0107	日本葵	<i>Phoenix roebelenii</i>	100	1.8	1.3	Good	Good	+4.28mPD	Retain	(A), Felled	
	T0112	日本葵	<i>Phoenix roebelenii</i>	120	1.6	1.5	Good	Good	+4.20mPD	Retain	(A), Felled	
	T0349	黃槿	<i>Hibiscus tiliaceus</i>	446	7	9	Fair	Fair	+4.02mPD	Retain	(A), Felled	
	T0350	黃槿	<i>Hibiscus tiliaceus</i>	446	7	9	Fair	Fair	+4.00mPD	Retain	(A), Felled	
	T0351	黃槿	<i>Hibiscus tiliaceus</i>	414	7	9	Fair	Fair	+3.98mPD	Retain	(A), Felled	
	T0352	黃槿	<i>Hibiscus tiliaceus</i>	408	7	11	Fair	Fair	+3.95mPD	Retain	(A), Felled	
	T0353	黃槿	<i>Hibiscus tiliaceus</i>	325	7	11	Fair	Fair	+3.95mPD	Retain	(A), Felled	
	T0354	黃槿	<i>Hibiscus tiliaceus</i>	500	7	10	Fair	Fair	+3.90mPD	Retain	(A), Felled	
	T0492	洋紫荊	<i>Bauhinia blakeana</i>	190	6	3	-	-	-	Retain	(C), Felled	
	T0495	黃槿	<i>Hibiscus tiliaceus</i>	340	7	5	Fair	Fair	+3.90mPD	Retain	(C), Felled	
	T0496	洋紫荊	<i>Bauhinia blakeana</i>	130	3.5	3	Fair	Fair	+3.90mPD	Retain	Retain	
	T0498	洋紫荊	<i>Bauhinia blakeana</i>	110	4	3	Fair	Fair	+3.87mPD	Retain	Retain	
	T0568	蒲葵	<i>Livistona chinensis</i>	230	2	3	Fair	Fair	+4.20mPD	Retain	(A), Felled	
	T0570	蒲葵	<i>Livistona chinensis</i>	250	1.7	4	Fair	Fair	+4.20mPD	Retain	(A), Felled	
	T0571	細葉榕	<i>Ficus microcarpa</i>	180	6	4	Fair	Fair	+4.25mPD	Retain	(A), Felled	
	T0572	細葉榕	<i>Ficus microcarpa</i>	400	10	5	Fair	Fair	+4.25mPD	Retain	(A), Felled	
	T0574	台灣相思	<i>Acacia confusa</i>	300	8	13	Fair	Fair	+4.25mPD	Retain	(A), Felled	
	T0575	-	-	-	-	-	-	-	-	Dead	(B), Dead and Felled	
T0576	蒲葵	<i>Livistona chinensis</i>	210	7	4	Fair	Fair	+4.27mPD	Retain	(A), Felled		
T0579	蒲葵	<i>Livistona chinensis</i>	300	3	4.5	Fair	Fair	+4.23mPD	Retain	(A), Felled		
T0580	蒲葵	<i>Livistona chinensis</i>	270	8	4	Fair	Fair	+4.23mPD	Retain	(A), Felled		
T0581	蒲葵	<i>Livistona chinensis</i>	300	4	2	Fair	Fair	+4.25mPD	Retain	(A), Felled		
T0582	蒲葵	<i>Livistona chinensis</i>	250	8	4	Fair	Fair	+4.25mPD	Retain	(A), Felled		
T0583	蒲葵	<i>Livistona chinensis</i>	220	8	4	Fair	Fair	+4.25mPD	Retain	(A), Felled		
T0584	蒲葵	<i>Livistona chinensis</i>	250	9	4	Fair	Fair	+4.25mPD	Retain	(A), Felled		
T0585	蒲葵	<i>Livistona chinensis</i>	180	1.6	2	Fair	Fair	+4.25mPD	Retain	(A), Felled		
T0586	蒲葵	<i>Livistona chinensis</i>	400	3	3	Fair	Fair	+4.25mPD	Retain	(A), Felled		

**Contract No. HK/2012/08**  
**Central-Wan Chai Bypass at Wan Chai West**

Tree Survey - Tree Schedule

Group No.	Tree No.	Chinese Name	Botanical name	DIA.(mm)	Height(m)	Spread(m)	Health (G/F/P)	Structural(G/F/P)	Ground Level	Original Recommendation	Remark	-
10	T0001	糖膠樹	<i>Alstonia scholaris</i>	170	4.5	2	Fair	Fair	+5.50mPD	Retain	Retain	
	T0002	糖膠樹	<i>Alstonia scholaris</i>	140	3	1.5	Fair	Fair	+5.50mPD	Retain	Retain	
	T0003	糖膠樹	<i>Alstonia scholaris</i>	130	3	1.5	Fair	Fair	+5.50mPD	Retain	Retain	
	T0004	糖膠樹	<i>Alstonia scholaris</i>	130	3	1.5	Fair	Fair	+5.50mPD	Retain	Retain	
	T0005	糖膠樹	<i>Alstonia scholaris</i>	190	4	2	Fair	Fair	+5.50mPD	Retain	Retain	
	T0006	糖膠樹	<i>Alstonia scholaris</i>	240	5	3	Fair	Fair	+5.50mPD	Retain	Retain	

Remark		
Retain: Trees with status "Retain"		8
(A), Felled: Trees with status "Felled" after handover to SCL Contract No. 1128		73
(B), Dead and Felled: Dead and felled trees (handover to SCL Contract No. 1128)		6
Handed over to MTRCL		4
(C), Felled: Felled by LCSD		3
(D), Damaged by Typhoon and Felled: Damaged by Typhoon and felled by JV		3
Total number of trees for Tree Groups 9 and 10		<u>97</u>

## Appendix XIII

Advice from Leisure and Cultural Services Department

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**轉寄: 轉寄: Re: Enquiry on Tree Felling on 11 Feb 2014**

CH TSUI [chtsui@lcsd.gov.hk]

寄件日期: Monday, 9 June, 2014 9:30

收件者: James Ma

副本: HC CHEUNG [hccheung@lcsd.gov.hk]; Steve NF CHEUNG [snfcheung@lcsd.gov.hk]

附件: IMG-20140606-WA0015.jpg (36 KB) ; IMG-20140606-WA0014.jpg (56 KB) ; IMG-20140606-WA0013.jpg (39 KB) ; T0602.pdf (488 KB) ; 1600B - Tree Plan.pdf (841 KB) ; Enlarged Fig 1 and 2.pdf (4 MB)

Dear Mr MA,

The tree T0602 (*Alteurites moluccana*, our tree no. as WC1280) was confirmed dead and removed by our team in Feb 2014. Due to the existing narrow pavement, replacement tree planting is not recommended, please.

Regards,

Ryan CH TSUI

ALMI(T)HKE, LCSD

Tel: 2879 5600



Ma James <jkcma00@gmail.com>

---

## Enquiry on Tree Felling on 24 Sep 2014

---

CH TSUI <chtsui@lcsd.gov.hk>

2014年10月6日 上午8:49

收件者: jamesma@csljv.com

副本: jkcma00@gmail.com, HC CHEUNG <hccheung@lcsd.gov.hk>

Dear Mr MA,

The tree T0601 was a dead tree and removed by our team in Sep 2014, please.

Regards,  
Ryan CH TSUI  
ALMI(T)HKE, LCSD  
Tel: 2879 5600

From: Ma James <jamesma@csljv.com>  
To: CH TSUI <chtsui@lcsd.gov.hk>  
Date: 03/10/2014 09:46  
Subject: Enquiry on Tree Felling on 24 Sep 2014  
[隱藏引用文字]



DSC\_0237.JPG  
2566K



Ma James &lt;jkcma00@gmail.com&gt;

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**Fwd: HK/2012/08 - A retained tree (No. T0492) on Convention Avenue was felled**


---

CH TSUI &lt;chtsui@lcsd.gov.hk&gt;

2017年7月13日 下午5:09

收件者: Ma James &lt;jamesma@csljv.com&gt;

副本: Henry Chan <cre1@wd2-aecom.com>, CS Yeung <csyeung@csljv.com>, keith tse <keith.tse@leadercon.com.hk>, W C Lo <sre14@wd2-aecom.com>, Kelvin Kwan <re08@wd2-aecom.com>, Wilson Poon <re18@wd2-aecom.com>, W K Wong <siow5@wd2-aecom.com>, C S Leung <iow06@wd2-aecom.com>, Jeffery Lee <iow01@wd2-aecom.com>, Calvin Lee <siow3@wd2-aecom.com>, HC CHEUNG <hccheung@lcsd.gov.hk>

Dear James,

For information that the tree (T0492) was dead and removed on 28 June, please.

Regards,  
 Ryan CH TSUI  
 ALMI(T)HKE, LCSD  
 Tel: 2879 5600

----- Forwarded by CH TSUI/LCSD/HKSARG on 13/07/2017 17:07 -----

From: Ma James <jamesma@csljv.com>  
 To: CH TSUI <chtsui@lcsd.gov.hk>  
 Cc: Henry Chan <cre1@wd2-aecom.com>, CS Yeung <csyeung@csljv.com>, keith tse <keith.tse@leadercon.com.hk>, W C Lo <sre14@wd2-aecom.com>, Kelvin Kwan <re08@wd2-aecom.com>, Wilson Poon <re18@wd2-aecom.com>, W K Wong <siow5@wd2-aecom.com>, C S Leung <iow06@wd2-aecom.com>, Jeffery Lee <iow01@wd2-aecom.com>, Calvin Lee <siow3@wd2-aecom.com>  
 Date: 10/07/2017 10:27  
 Subject: Fwd: HK/2012/08 - A retained tree (No. T0492) on Convention Avenue was felled  
 Sent by: jkcma00@gmail.com

---

Dear Mr, TSUI,

We spoke.

We observed that the tree T0492 *Bauhinia blakeana* was felled (photos as attached).

Grateful if you could advise the date and reason for the felling of the tree.

Regards,

James

----- Forwarded message -----

From: **Calvin Lee (SIOW3)** <siow3@wd2-aecom.com>

Date: 2017-07-10 9:48 GMT+08:00

Subject: HK/2012/08 - A retained tree (No. 492) on Convention Avenue was felled

To: "jamesma@csljv.com" &lt;jamesma@csljv.com&gt;

Cc: Henry Chan <cre1@wd2-aecom.com>, CS Yeung <csyeung@csljv.com>, keith tse <keith.tse@leadercon.com.hk>, W C Lo <sre14@wd2-aecom.com>, Kelvin Kwan <re08@wd2-aecom.com>, Wilson Poon <re18@wd2-aecom.com>, W K Wong <siow5@wd2-aecom.com>, C S Leung <iow06@wd2-aecom.com>, Jeffery Lee <iow01@wd2-aecom.com>

Dear James,

As talked, please investigate which party felled the captioned retained tree (No. 492) on Convention Avenue.

Regards,

Calvin LEE

SIOW3

Wan Chai Development Phase II

M: +852 93253809

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Please consider the environment before printing this e-mail.

[附件檔 "Cyrus128.jpg" 已被 CH TSUI/LCSD/HKSARG 刪除] [附件檔 "Eric 004.jpg" 已被 CH TSUI/LCSD/HKSARG 刪除]

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Ma James &lt;jkcma00@gmail.com&gt;

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**Re: HK/2012/08 - A retained tree (No. T0600) near Fleet Arcade was felled**

---

CH TSUI &lt;chtsui@lcsd.gov.hk&gt;

2018年4月10日 上午10:12

收件者: Ma James &lt;jamesma@csjv.com&gt;

副本: Henry Chan &lt;cre1@wd2-aecom.com&gt;, W K Wong &lt;siow5@wd2-aecom.com&gt;, Jacob Tsui &lt;sre12@wd2-aecom.com&gt;, Will Tsang &lt;re11@wd2-aecom.com&gt;, Tsz Ho Ho &lt;cccssdesmond@gmail.com&gt;, HC CHEUNG &lt;hccheung@lcsd.gov.hk&gt;

Dear Mr MA,

I refer to your preceding email dated 9.4.2018 regarding a tree felling case at Fenwick Pier Street. For information that the tree in concern was obviously dead and was growing on UUGL. As such, this office had removed it in early April 2018 for the sake of public safety.

Regards,  
Ryan CH TSUI  
ALMI(T)HKE, LCSO  
Tel: 2879 5600

----- Forwarded by CH TSUI/LCSO/HKSARG on 10/04/2018 10:09 -----

From: Ma James <jamesma@csjv.com>  
To: CH TSUI <chtsui@lcsd.gov.hk>  
Cc: Henry Chan <cre1@wd2-aecom.com>, W K Wong <siow5@wd2-aecom.com>, Jacob Tsui <sre12@wd2-aecom.com>, Will Tsang <re11@wd2-aecom.com>, Tsz Ho Ho <cccssdesmond@gmail.com>  
Date: 09/04/2018 17:33  
Subject: Re: HK/2012/08 - A retained tree (No. T0600) near Fleet Arcade was felled  
Sent by: jkcma00@gmail.com

---

Dear Mr, TSUI,

We found that the tree T0600 *Aleurites Moluccana* near Fleet Arcade was felled (photos as attached).

Grateful if you could advise the date and reason for the felling of the tree.

Regards,

James MA

CSBKJV

Tel: 9130 9549

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3 個附件

**T0600.jpg**  
2139K



**T0600 was felled (2).jpg**  
693K



**T0600 was felled.jpg**  
724K



T0037 was damaged by Typhoon Mangkhut on 16 Sep 2018 and was felled by LCSD on 17 Sep 2018.



Ma James &lt;jkcma00@gmail.com&gt;

---

**A retained tree (No. T0495) on Convention Avenue was felled**

---

Maxx KK NGAI <mkkngai@lcsd.gov.hk>  
收件者: jamesma@csljv.com

2018年11月30日 下午7:40

Dear James,

For information that the tree was removed by us on 15.11.2018.

Regards,  
Maxx NGAI  
ALMI(T)HKE  
Tel: 2879 5600

----- Forwarded by Maxx KK NGAI/LCSD/HKSARG on 30/11/2018 11:21 -----

From: Ma James <jamesma@csljv.com>  
To: mkkngai@lcsd.gov.hk  
Date: 30/11/2018 11:05  
Subject: A retained tree (No. T0495) on Convention Avenue was felled

Dear Mr. Ngai,

We spoke.

Please find attached photos of the tree (T0495) (*Hibiscus tiliaceus*) for your reference. It was observed that the tree was damaged after Typhoon Mangkhut on 16 Sep 2018 and the tree was removed subsequently. Grateful if you could advise if the tree was removed by LCSD and on what date for our record only.

Thanks,

James MA

China State - Build King Joint Venture  
9130 9549

----- Forwarded message -----

From: CH TSUI <chtsui@lcsd.gov.hk>  
Date: 2017年7月13日 週四 下午5:09  
Subject: 轉寄: Fwd: HK/2012/08 - A retained tree (No. T0492) on Convention Avenue was felled  
To: Ma James <jamesma@csljv.com>  
Cc: Henry Chan <cre1@wd2-aecom.com>, CS Yeung <csyeung@csljv.com>, keith tse <keith.tse@leadercon.com.hk>, W C Lo <sre14@wd2-aecom.com>, Kelvin Kwan <re08@wd2-aecom.com>, Wilson Poon <re18@wd2-aecom.com>, W K Wong <siow5@wd2-aecom.com>, C S Leung <iow06@wd2-aecom.com>, Jeffery Lee <iow01@wd2-aecom.com>, Calvin Lee <siow3@wd2-aecom.com>, HC CHEUNG <hccheung@lcsd.gov.hk>



Dear James,

For information that the tree (T0492) was dead and removed on 28 June, please.

Regards,



Contract No. HK/2012/08  
Wan Chai Development Phase II –  
Central - Wan Chai Bypass at Wan Chai West

Photo No.	Tree Photo Record for T0495 at Convention Avenue	Date of Photo Taken
1	 <p data-bbox="418 919 1114 953">Tree leaning after Typhoon Mangkhut on 16 Sep 2018</p>	17 Sep 2018
2	 <p data-bbox="483 1377 1049 1411">The tree was felled by LCSD on 15 Nov 2018</p>	30 Nov 2018

## Appendix XIV

### Tree Planting Plan for Transplanted Trees at the Cross Harbour Tunnel Approach Rest Garden at Gloucester Road and Handover Document



Ma James &lt;jkcma00@gmail.com&gt;

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**FW: HK/2012/08 - Transplanted Trees at Site B of Cross Harbour Tunnel Approach Rest Garden**

---

Jacob Tsui &lt;sre12@wd2-aecom.com&gt;

2020年1月4日 上午11:35

收件者: "george.cheung@buildking.hk" &lt;george.cheung@buildking.hk&gt;, "Chris Chan (chrischan@csljv.com)" &lt;chrischan@csljv.com&gt;, "jamesma@csljv.com" &lt;jamesma@csljv.com&gt;

副本: Gloria Tang &lt;cre@wd2-aecom.com&gt;, Eliot Liu &lt;re07@wd2-aecom.com&gt;, Terry Lau &lt;are23@wd2-aecom.com&gt;, Tat Lau &lt;are26@wd2-aecom.com&gt;, M C Lam &lt;iow04@wd2-aecom.com&gt;, Tony Au Yeung &lt;aiow10@wd2-aecom.com&gt;, "ipkinfu@hotmail.com" &lt;ipkinfu@hotmail.com&gt;

Dear George,

Please note my email recording the LCSD's agreement to the two trees (i.e. T472 and T490) at captioned location.

Regards,

Jacob

---

**From:** Jacob Tsui**Sent:** Tuesday, December 31, 2019 5:07 PM**To:** Philip KC WONG (pkcwong@lcsd.gov.hk)**Cc:** 'mppwch2@lcsd.gov.hk'; Shiu Fai WU (sfawu@lcsd.gov.hk); lapkuentsang@cedd.gov.hk; honlee@cedd.gov.hk; evanymho@cedd.gov.hk; Gloria Tang; Eliot Liu; Terry Lau**Subject:** HK/2012/08 - Transplanted Trees at Site B of Cross Harbour Tunnel Approach Rest Garden

Dear Philip,

Grateful for your record to t have your attention:

1. As discussed on 6 Dec 2019, further to the attached LandsD's letter dated 3 Dec 2019 (Q30588), LCSD have no objection for the two transplanted trees (i.e. **T472** and **T490** as highlighted yellow in attached Site Sketch No. 60041297/C3/2650) continue to stay at Site B for establishment works under WDII;

2. On 31 Dec 2019, we note that LCSD have removed the staking bamboo supporting the transplanted trees at Site B. Please refer to attached photos for your retention.

Thanks.

Regards,  
Jacob TSUISenior Resident Engineer  
D: +3519 9033

Contract No. HK/2012/08  
Wan Chai Development Phase II –  
Central – Wan Chai Bypass at Wan Chai West

**Notes of Meeting for Handover Inspection of Transplanted Trees  
at Cross Harbour Tunnel Approach Rest Garden with LCSD on 29 August 2019**

Date : 29 August 2019  
Time : 10:00 a.m.  
Location of Meeting : Cross Harbour Tunnel Approach Rest Garden at Gloucester Road

**Present**                        **Company / Position**

**Attendees:**

	<u>Leisure and Cultural Services Department Wan Chai District Leisure Services Office (LCSD)</u>
Mr. Wong Kim-ching, Philip	Asst Dist Leisure Mgr(Wan Chai)4
Ms. Leung Pan-tuen, Pany	Mgr(Park & Playground)Wan Chai 2
	<u>AECOM Asia Co. Ltd. – Wan Chai Development Phase II (AAFL/WDII)</u>
Mr. Isaiah Li	Assistant Resident Engineer
Mr. Ivan Ip	Works Supervisor II
	<u>China State – Leader Joint Venture (CSLJV)</u>
Mr. Chris Chan	Senior Engineer
	<u>The Contractor's Landscape Specialist Contractor – Asia Landscape Limited (ALL)</u>
Mr. Wong Wing-yin	Site Manager

**Appendices**

- Appendix A – As-constructed Survey Record for Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden
- Appendix B – Condition Photos for 25 Nos. of Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden with LCSD on 29 August 2019
- Appendix C – Condition of 5 Nos. of Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden on 29 August 2019
- Appendix D – 3 Nos. of Transplanted trees at Cross Harbour Tunnel Approach Rest Garden
- Appendix E – Completed Rectification on the Transplanted Trees

<u>Item</u>	<u>Discussion</u>	<u>Action</u>
<b>1.0</b>	<b><u>Introduction</u></b>	
1.1	Further to the joint inspection held on 24 July 2019 was recorded by the AACL's letter ref. WDII/(HK/2012/08)/M15/930.9/R16908 dated 9 August 2019. This meeting was held to inspect the completed rectifications, the condition of 8 nos. of transplanted trees, and confirm commencement of establishment period at Cross Harbour Tunnel Approach rest garden as shown in Site Sketch No. 60041297/C3/SSK2650 enclosed in <b>Appendix A</b> .	Noted
<b>2.0</b>	<b><u>Inspection and Discussion</u></b>	
2.1	The trees above were inspected by LCSD and the attended parties on 29 August 2019. Please refer to <b>Appendix B</b> for the record photographs.	Noted
2.2	Soil forming "soil ring" and stones at soil were removed. End of bamboo stakes were covered up to prevent stagnant water inside bamboo stakes. LCSD had no comment;  Please refer to <b>Appendix E</b> for rectified photos.	Noted
2.3	After 1 month of observation period to 5 nos. of transplanted trees (A021, T170, T469, T487 and T488) since 24 July 2019, the tree conditions were acceptable to LCSD. LCSD advised that the dead branches should be removed during establishment period.  Please refer to the table below and <b>Appendix C</b> for the record photographs.	AACL / CSLJV

Tree No.	Chinese Name	Botanical Name	Description
A021	糖膠樹	Alstonia scholaris	Fair Health and Structure
A170	糖膠樹	Alstonia scholaris	
T469	糖膠樹	Alstonia scholaris	
T487	糖膠樹	Alstonia scholaris	
T488	糖膠樹	Alstonia scholaris	

<u>Item</u>	<u>Discussion</u>	<u>Action</u>
2.4	On 24 July 2019, LCSD did not accept the condition of 3 nos. of transplanted trees (T472, T490 and T605) due to poor health and structure conditions.	AACL / CSLJV

On 29 August 2019, tree no. T605 was acceptable to LCSD.

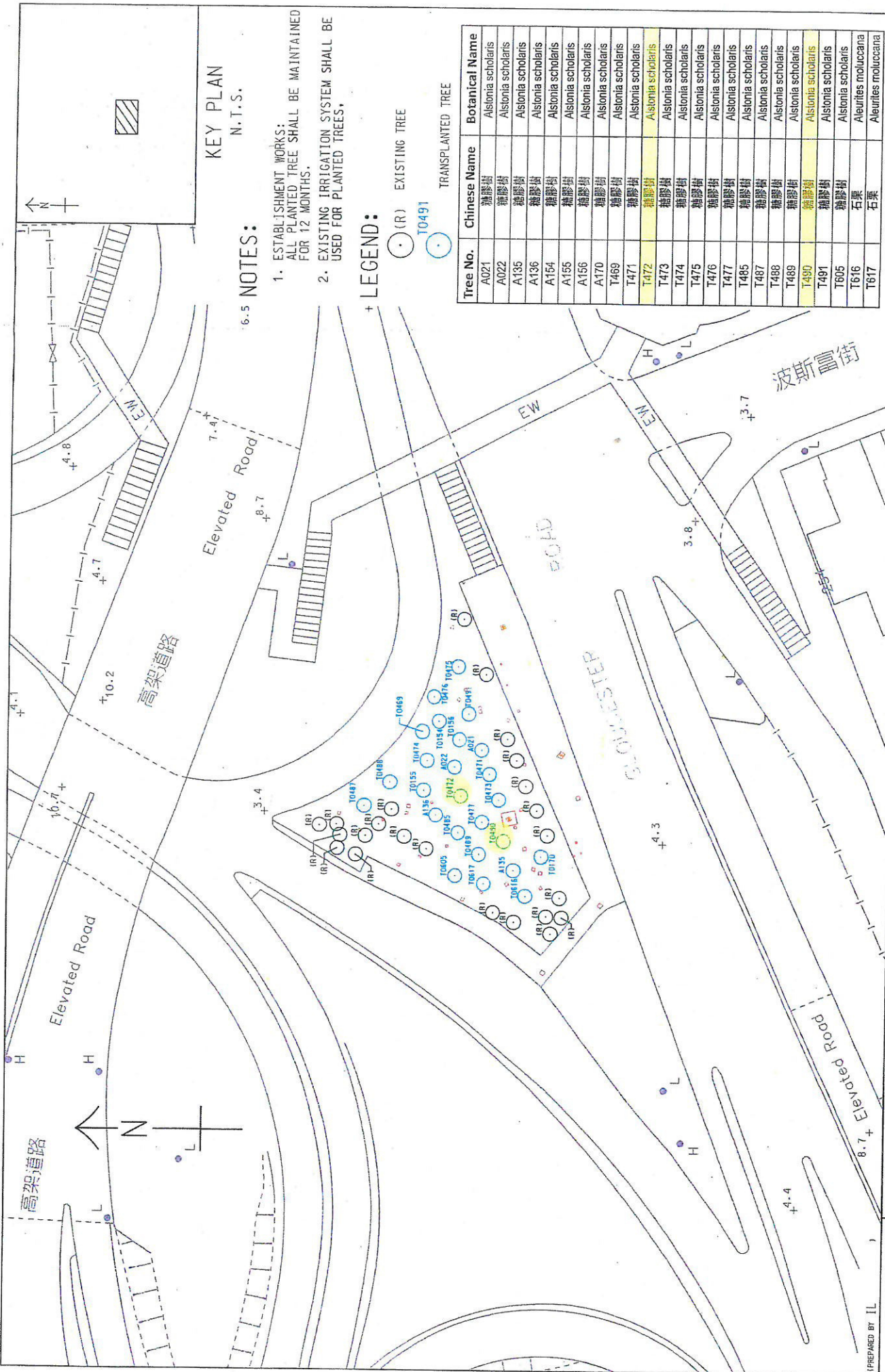
However, **Trees No. T472 and T490** were not acceptable to LCSD due to major structure defects. AACL advised that tree felling application would be submitted to Lands Department for **Trees No. T472 and T490**.

Please refer to the table below and **Appendix D** for the record photographs.

Tree No.	Chinese Name	Botanical Name	Description
T472	糖膠樹	Alstonia scholaris	Major structural defects
T490	糖膠樹	Alstonia scholaris	Major structural defects
T605	糖膠樹	Alstonia scholaris	Fair Health and Structure

2.5	LCSD advised that they would carry out shrubs planting in vicinity of the two trees mentioned in item 2.4 after 1 October 2019 tentatively. LCSD advised AACL and CSLJV to take note of interface matter if tree felling to the two trees were proceeded during the period and reinstatement of shrubs should be made if the shrubs were damaged by CSLJV.	AACL / CSLJV
2.6	LCSD agreed that the 12-month establishment period to the 23 nos. of tree (i.e. excluding T472 and T490) was started on <u>24 July 2019</u> and ended on 23 July 2020. LCSD requested that next joint inspection should be carried out on 23 October 2019 after 3 months.	AACL / CSLJV
2.7	LCSD requested that the maintenance schedule for the 12-month establishment period (EP) should be submitted.	AACL / CSLJV
2.8	LCSD reminded AACL and CSLJV to carry out the annual tree risk assessment in accordance with the latest Guidelines for Tree Risk Assessment and Management Arrangement issued by the Greening, Landscaping and Tree Management Section of Development Bureau during the EP and to provide LCSD with copy of completed inspection forms (Form 1 and Form 2) of the tree risk assessment for record purpose:	AACL / CSLJV

# **Appendix A**



**KEY PLAN**  
N.T.S.

**6.5 NOTES:**

1. ESTABLISHMENT WORKS:  
ALL PLANTED TREE SHALL BE MAINTAINED FOR 12 MONTHS.
2. EXISTING IRRIGATION SYSTEM SHALL BE USED FOR PLANTED TREES,

**LEGEND:**

- (R) EXISTING TREE
- T0491 TRANSPLANTED TREE

Tree No.	Chinese Name	Botanical Name
A021	糖膠樹	Alistonia scholaris
A022	糖膠樹	Alistonia scholaris
A135	糖膠樹	Alistonia scholaris
A136	糖膠樹	Alistonia scholaris
A154	糖膠樹	Alistonia scholaris
A155	糖膠樹	Alistonia scholaris
A156	糖膠樹	Alistonia scholaris
A170	糖膠樹	Alistonia scholaris
T469	糖膠樹	Alistonia scholaris
T471	糖膠樹	Alistonia scholaris
T472	糖膠樹	Alistonia scholaris
T473	糖膠樹	Alistonia scholaris
T474	糖膠樹	Alistonia scholaris
T475	糖膠樹	Alistonia scholaris
T476	糖膠樹	Alistonia scholaris
T477	糖膠樹	Alistonia scholaris
T485	糖膠樹	Alistonia scholaris
T487	糖膠樹	Alistonia scholaris
T488	糖膠樹	Alistonia scholaris
T489	糖膠樹	Alistonia scholaris
T490	糖膠樹	Alistonia scholaris
T491	糖膠樹	Alistonia scholaris
T605	糖膠樹	Alistonia scholaris
T616	石栗	Aleurites moluccana
T617	石栗	Aleurites moluccana

WAN CHAI DEVELOPMENT PHASE II - CENTRAL-WAN CHAI BYPASS AT WAN CHAI WEST  
 AS-CONSTRUCTED SURVEY RECORD FOR TRANSPLANTED TREES AT  
 CROSS HARBOUR TUNNEL APPROACH REST GARDEN

SCALE	1:500 (A3)	DATE	25-JUL-2019
CHECK	WT	DRAWN	PC
CONTRACT No.	DRAWING No.		
HK/2012/08	60041297/G3/SSK2650		
REV	-		



PREPARED BY IL



# **Appendix B**

Contract No. HK/2012/08  
Wan Chai Development Phase II -  
Central - Wan Chai Bypass at Wan Chai West

Condition Photos for 25 Nos. of Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden with LCSD on 29 August 2019



A021



A022



A135



A136

Condition Photos for 25 Nos. of Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden with LCSD on 29 August 2019



A154



A155



A156



A170

Contract No. HK/2012/08  
Wan Chai Development Phase II -  
Central - Wan Chai Bypass at Wan Chai West

Condition Photos for 25 Nos. of Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden with LCSD on 29 August 2019



T469



T471



T472



T473

Condition Photos for 25 Nos. of Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden with LCSD on 29 August 2019



T474



T475



T476



T477

Contract No. HK/2012/08  
Wan Chai Development Phase II -  
Central - Wan Chai Bypass at Wan Chai West

Condition Photos for 25 Nos. of Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden with LCSD on 29 August 2019



T485



T487



T488



T489

Condition Photos for 25 Nos. of Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden with LCSD on 29 August 2019



T490



T491



T605



T616

Contract No. HK/2012/08  
Wan Chai Development Phase II -  
Central - Wan Chai Bypass at Wan Chai West

Condition Photos for 25 Nos. of Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden with LCSD on 29 August 2019





T617





# **Appendix C**

Condition of 5 Nos. of Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden on 29 August 2019


Tree No.	Tree Photo	Remarks
A021		<p>Fair Health and Form, better than the last inspection on 24 July 2019.</p> <p>LCSD reminded that the dead branches shall be removed as the tree treatment method</p>
A170		<p>Fair Health and Form, better than the last inspection on 24 July 2019.</p> <p>LCSD reminded that the dead branches shall be removed as the tree treatment method</p>

Condition of 5 Nos. of Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden on 29 August 2019

Tree No.	Tree Photo	Remarks
T469	 <p>2019-8-29 10:47</p>	<p>Fair Health and Form, better than the last inspection on 24 July 2019. LCSD reminded that the dead branches shall be removed as the tree treatment method</p>
Tree No.	Tree Photo	Remarks
T487	 <p>2019-8-29 10:55</p>	<p>Fair Health and Form, better than the last inspection on 24 July 2019. LCSD reminded that the dead branches shall be removed as the tree treatment method</p>

Contract No. HK/2012/08  
Wan Chai Development Phase II -  
Central - Wan Chai Bypass at Wan Chai West

Condition of 5 Nos. of Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden on 29 August 2019

Tree No.	Tree Photo	Remarks
T488	 <p>2019-8-29 10:55</p>	Fair Heath and Form, better than the last inspection on 24 July 2019. LCSD reminded that the dead branches shall be removed as the tree treatment method

# Appendix D

2 Nos. of Translated Trees at Cross Harbour Tunnel Approach Rest Garden

Tree No.	Tree Photo	Remarks
T472		<p>Major structural defect as commended by LCSD:          - hollowed tree; and          - initial sound test revealed that the hollow was developed from ground level to about 1m above ground.</p>
T490		<p>Major structural defect found during last inspection on 24 July 2019:          - ringbarked tree trunk at about 1.8m above;          - no significant improvement to the wound since last inspection</p>

Contract No. HK/2012/08  
Wan Chai Development Phase II -  
Central - Wan Chai Bypass at Wan Chai West



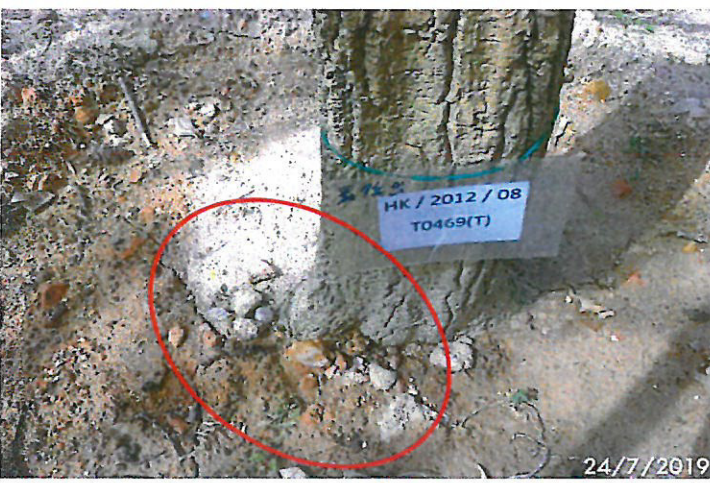
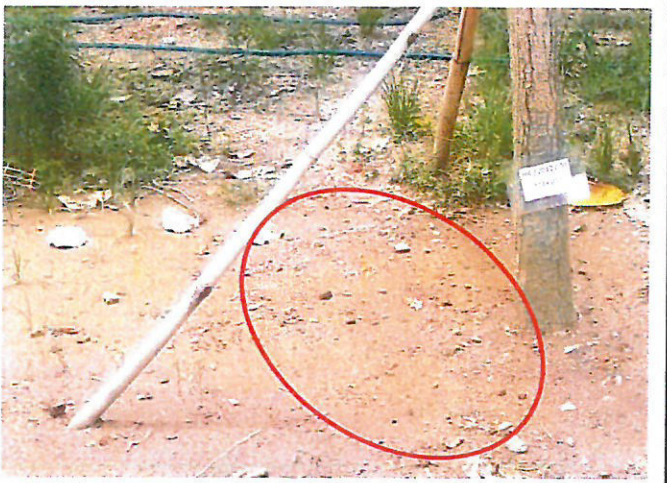
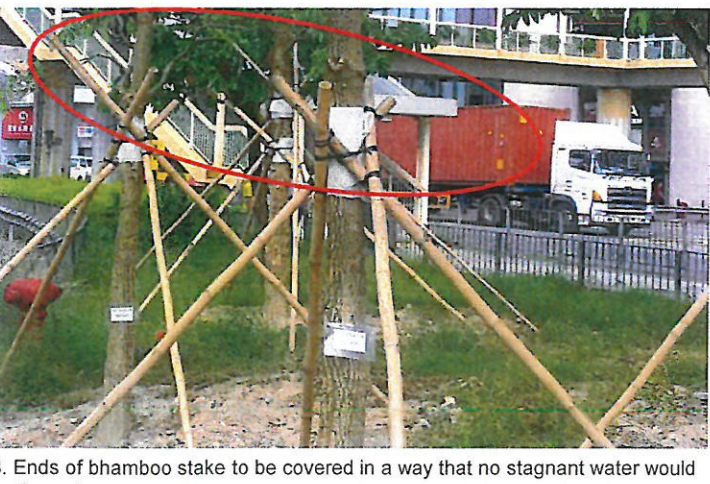

Transplanted Trees at Cross Harbour Tunnel Approach Rest Garden

Tree No.	Tree Photo	Remarks
T605	 <p>2019-8-29 11:05</p>	Fair Heath and Structure On 29 August 2019, tree no. T605 was acceptable to LCSD.

# Appendix E



Completed Rectification on the Transplanted Trees

Observation on Trees	Remark / Rectification photo
 <p>24/7/2019</p> <p>1. Soil forming "soil ring to be removed:</p>	 <p>2019-8-29</p> <p>Rectified.</p>
 <p>24/7/2019</p> <p>2. Soil to be free from stones: and</p>	 <p>Rectified.</p>
 <p>3. Ends of bhamboo stake to be covered in a way that no stagnant water would be formed</p>	 <p>Rectified.</p>

## Appendix XV

### Horticultural Year Plan

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Contract No. HK/2012/08

Wan Chai Development Phase II - Central-Wan Chai Bypass at Wan Chai West

Landscape Works for Cross Harbour Tunnel Approach Garden

Work Description	2019						2020					
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Watering*	3-4 times per week and according to weather condition											
Weeding/Site Clearance	TW	TW	TW	TW	TW	TW	TW	TW	TW	TW	TW	TW
Fertilizing	●				●				●			
Firming up/Tree ties	When necessary or requested by Landscape Architect											
Aeration			●	●					●	●		
Checking & Adjusting of Tree Ties	M	M	M	M	M	M	M	M	M	M	M	M
Checking Climber Adjustment	M	M	M	M	M	M	M	M	M	M	M	M
Pruning	When necessary or requested by Landscape Architect											
Grass Cutting	When necessary or requested by Landscape Architect											
Disease and insect pest control	When necessary or requested by Landscape Architect											
Proection and drainage	When necessary or requested by Landscape Architect											
Post Typhoon Inspection and Remediation	Inspection conducted 2 hours after release of typhoon signal no. 8 or above, remedial work carried out within 3 days											

Note: D-Daily, W-Weekly, TW-Twice a week, F-Fortnightly, M-Monthly, BM-Bimonthly, Q - Quarterly, BA-Biannually, Y-Annually

\*Watering until the soil profile reached saturation.

Remarks: This year plan is for reference only. Frequency and extent of horticultural maintenances vary based on site condition.