



AUES JOB NO.: TCS01230/21

TUEN MUN - CHEK LAP KOK LINK
CONTRACT NO. HY/2021/13–
PROVISION OF REMAINING COMPENSATION TREE
PLANTING FOR THE TUEN MUN – CHEK LAP KOK
LINK PROJECT

28TH MONTHLY ENVIRONMENTAL MONITORING AND
AUDIT (EM&A) REPORT– SEPTEMBER 2024

PREPARED FOR
WING HO YUEN LANDSCAPING CO., LTD

Date	Reference No.	Prepared By	Certified By
15 October 2024	TCS01230/21/600/R0162v1	 Martin Li (Environmental Consultant)	 Ben Tam (Environmental Team Leader)

Version	Date	Remarks
1	15 October 2024	First Submission

Our Ref: TCS01230/21/300/L0163

AECOM
8/F Grand Central Plaza
Tower 2, 138 Shatin Rural Committee Road
Shatin

Attn: Mr. Joe Chan

16 October 2024
By Email

Dear Madam,

Re: Contract No. HY/2021/13
Provision of Remaining Compensation Tree Planting for the Tuen Mun – Chek Lap Kok Link Project
Environmental Permit No.: EP-354/2009/D
28th Monthly Environmental Monitoring and Audit (EM&A) Report – September 2024

We write to certify the 27th Monthly Environmental Monitoring and Audit (EM&A) Report – September 2024 (TCS01230/21/600/R0162v1) in accordance with Condition 4.4 of the Environmental Permit no. EP-354/2009/D.

Should you have any queries or require further information, please feel free to contact us or the undersigned at Tel: 2959-6059 or Fax: 2959-6079.

Yours sincerely,
For and on Behalf of
Action-United Environmental Services & Consulting (AUES)



Ben Tam
Environmental Team Leader

c.c.	A NewR (IEC)	Mr. James Choi	By email
	Wing Ho Yuen Landscaping Co., Ltd	Mr. Joe Fung	By email
	(Contractor)		



Highways Department
5th Floor, Ho Man Tin Government Offices
88 Chung Hau Street
Ho Man Tin
Kowloon

Your reference:

Our reference: HKHYD203/50/110054

Date: 16 October 2024

Attention: Mr William Wong

BY EMAIL & POST
(email: se1hk1r.mw@hyd.gov.hk)

Dear Sirs

Agreement No. HMWSD 6/2022 (EP)
Environmental Project Office for the Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road, Hong Kong-Zhuhai-Macao Bridge Hong Kong
Boundary Crossing Facilities & Tuen Mun-Chek Lap Kok Link – Investigation

Contract No. HY/2021/13
Provision of Remaining Compensation Tree Planting for the Tuen Mun – Chek Lak Kok Link Project
28th Monthly Environmental Monitoring and Audit Report – September 2024

We refer to the email of 15 October 2024, attaching a Monthly Environmental Monitoring and Audit Report – September 2024, prepared by the Environmental Team (ET) of the captioned.

We have no comment and hereby verify the captioned report in accordance with Clause 4.4 of the Environmental Permit no. EP-353/2009/K.

Should you have any queries, please do not hesitate to contact the undersigned or our Mr Alex Chan on 2618 2831.

Yours faithfully
ANEWR CONSULTING LIMITED

James Choi
Independent Environmental Checker

CPSJ/LCCR/CYCA/thy

cc Highway Department – Mr Nick Li (email: e10.mwsd@hyd.gov.hk)
Highways Department – Ms Sarah Cai (email: e2tcl.mw@hyd.gov.hk)
AEUS – Mr Ben Tam (email: bentam@fordbusiness.com)

ANewR Consulting Limited
Unit 1813, 1815-16, 18/F, Tower A, Regent Centre
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EXECUTIVE SUMMARY

ES01 This is the 28th Monthly EM&A Report presenting the monitoring results and inspection findings for the period from 1 to 30 September 2024 (hereinafter ‘the Reporting Period’).

SUMMARY OF EM&A ACTIVITIES FOR THE REPORTING PERIOD

ES02 The EM&A activities conducted in the Reporting Period are summary in below:-

- Landscape & Visual Monitoring (Establishment period) – 1 event

ES03 According to the approved Landscape and Visual plan, the planting works under the contract was commenced on 21 June 2022 and completed on 15 December 2022.

ES04 The two years Establishment Period for the compensation planting areas (Tuen Mun and Lantau) outside the TMCLKL Project site was commenced on 16 December 2022. According to the EM&A manual requirement, once per three months inspection should be conducted during the Establishment Period to monitor the compensation trees health condition. One establishment period inspection was conducted on 13 September 2024 for those compensation planting areas during this reporting period covering the 7th quarter establishment period from 16 June to 15 September 2024.

ENVIRONMENTAL COMPLAINT

ES05 In the Reporting Period, no environmental complaint was received.

ES06 The statistical summary of environmental complaints is summarized in the following table.

Reporting Period	Environmental Complaint Statistics	
	Frequency	Cumulative
Since the Contract commencement	0	0
September 2024	0	0

NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTIONS

ES07 No environmental summons or successful prosecutions were recorded in the Reporting Period.

REPORTING CHANGE

ES08 Reporting changes were made in the Reporting Period due to the Establishment Period for the Contract commenced. Some not related sections were removed.

FUTURE KEY ISSUES

ES09 The planting works for the Contract was completed on 15 December 2022. The two years establishment period for those planting area was commenced on 16 December 2022.

ES10 According to the Project EM&A Manual requirement, monitoring for the planting works at a frequency of 3 months interval during the 24-month establishment period is required to make sure the establishment planting works is complied with EMIS requirement, and during the 12-month establishment period, the maintenance operations must be supervised by fully qualified Landscape Resident Site Staff (Registered Landscape Architect or Professional Member of the Hong Kong Institute of Landscape Architects). Subsequent to the 12-month establishment period supervised by the qualified Landscape Resident Site Staff, the supervision from the 13th to the 24th month would be continued by other members of the Project.

ES11 All the planting works for the TM-CLKL Project was completed, the quantity of tree planting and the landscape planting area for the Project fulfil with the EIA Report and EP requirement.

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1 INTRODUCTION

1.1 PROJECT BACKGROUND

1.1.1 According to the findings of the Northwest New Territories (NWNT) Traffic and Infrastructure Review conducted by the Transport Department, Tuen Mun Road, Ting Kau Bridge, Lantau Link and North Lantau Highway would be operating beyond capacity after 2016. This forecast has been based on the estimated increase in cross boundary traffic, developments in the Northwest New Territories (NWNT), and possible developments in North Lantau, including the Airport developments, the Lantau Logistics Park (LLP) and the Hong Kong – Zhuhai – Macao Bridge (HZMB). In order to cope with the anticipated traffic demand, two new road sections between NWNT and North Lantau – Tuen Mun – Chek Lap Kok Link (TM-CLKL) and Tuen Mun Western Bypass (TMWB) are proposed.

1.1.2 According to the requirements of the EIA Report, the TM-CLKL Project shall carry out landscape softworks including planting of 6300 trees within the project limits, amongst others. On completion of the planting works by the three other contracts, 5353 trees were accommodated within the project limits. The Landscape and Visual Plan (LVP) later prepared for this Project recommended the compensatory planting of remaining trees at locations outside the limits of the TM-CLKL Project.

1.1.3 Wing Ho Yuen Landscaping Co., Ltd (hereafter “WHY”) is commissioned by the Highways Department (HyD) as the Main Contractor of the Contract No. HY/2021/13 –Provision of Remaining Compensation Tree Planting for the Tuen Mun – Chek Lap Kok Link Project ((hereafter “the Contract”) and this Contract is part of the Tuen Mun – Chek Lap Kok Link (TM-CLK Link Project).TM-CLK Link Project is a Designated Project under Environmental Permit number EP-354/2009/D issued on 13 March 2015. The layout Plan of the Project and the Contract are showed in [Appendix A and B](#) respectively.

1.1.4 The planting works for the Contract No. HY/2021/13 was commenced on 21 June 2022. The entire compensation tree planting works for this Contract was completed on 15 December 2022. The two years establishment period for those planting area was commenced on 16 December 2022.

1.1.5 The construction works of the Contract mainly include:-
a. Maintenance the compensation planting area of the Project during the establishment period.

1.1.6 This is 28th monthly EM&A report presenting the inspection findings for period from **1 to 30 September 2024**.

1.2 REPORT STRUCTURE

1.2.1 The Monthly Environmental Monitoring and Audit (EM&A) Report is structured into the following sections:-

Section 1 Introduction

Section 2 Summary of Environmental Requirements under the Contract

Section 3 Landscape and Visual

Section 4 Environmental Complaints and Non-Compliance

Section 5 Conclusions and Recommendations

1.3 CONTRACT ORGANIZATION

1.3.1 The Contract organization and contact details of key personnel are shown in [Appendix C](#).

2 SUMMARY OF ENVIRONMENTAL REQUIREMENTS UNDER THE CONTRACT

2.1 GENERAL

2.1.1 In accordance with the Project EM&A Manual requirements, the environmental aspects under the Project shall be included air quality, ecological, cultural heritage, landscape and visual, landfill gas and site inspection.

2.1.2 A summary of EM&A requirements under the contract are presented in the sub-sections below. Should non-compliance of the environmental quality criteria occurs, remedial actions will be triggered according to the Event and Action Plan which presented in *Appendix D*.

2.2 ENVIRONMENTAL ASPECTS

Air

2.2.1 According to the Contract remaining duty is maintenance the compensation planting area of the Project outside TMCLKL boundary during the establishment period. No specific EM&A requirement for air quality related to the establishment of landscape softworks was identify.

2.2.2 The scopes of works under this Contract do not involve any of works listed under Section 4.4.1.1 of the approved EIA Report. Vehicles travel under this contract was carried out in paved area. Therefore, fugitive dust emission from the contract would be limited and no unacceptable air quality impact would be expected. No specific mitigation measure and monitoring would be required.

Noise

2.2.3 According to the Contract remaining duty is maintenance the compensation planting area of the Project outside TMCLKL boundary during the establishment period. No unacceptable noise impact would be expected from the contract. No mitigation measure would be required under the approved EIA Report. No specific EM&A requirement for noise impact related to the establishment of landscape softworks was identify.

2.2.4 Most of the works under this contract would be conducted manually, with limited use of PME for delivery material on site and watering the planting area along the road side. Therefore, no unacceptable noise impact would be expected. No specific mitigation measure and monitoring would be required.

Water Quality

2.2.5 No marine works will be undertaken under the Contract. Therefore, no water quality monitoring is required for the construction phase of the Contract..

Ecology

2.2.6 No marine works will be undertaken under the Contract and generated marine ecological impact, no dolphin monitoring is required for the construction phase of the Contract.

2.2.7 According to the scope of works under the Contract, no identified ecology aspect was related to the Contract, therefore no land base ecology monitoring and mitigation measure would be required.

Landscape and Visual

- 2.2.8 Monitoring of the planting works during the 24-month Establishment period after completion of the construction works should be carried out. Establishment Works Inspection should be carried out once every 3 months to make sure the establishment planting works is complied with EMIS requirement. The entire compensation tree planting works for this Contract was completed on 15 December 2022. The two years establishment period for those planting area was commenced on 16 December 2022. The summary of Establishment inspection for the Project is shown in [Table 2-1](#).

Table 2-1 Summary of Establishment inspection for the Project

Contract Area	Establishment Monitoring Commenced	Respond Party	Next Quarter of Establishment Monitoring
HY/2012/07 (Zone 1, 3 & 4)	June 2020	HMWSD 2/2020 (HY)	Completed (Last quarter inspection was taken on 26 May 2022)
HY/2012/07 (Zone 2)	June 2020	HY/2021/13	Completed (Last quarter inspection was taken on 25 April 2022)
HY/2013/12	June 2020	HMWSD 2/2020 (HY)	Completed (Last quarter inspection was taken on 31 May 2022)
HY/2017/10 (Zone 1-5)	February 2021	HMWSD 2/2020 (HY)	Completed (Last quarter inspection was taken on 13 Jan 2023)
HY/2017/10 (Zone 6)	February 2021	HY/2021/13	Completed (Last quarter inspection was taken on 13 Jan 2023))
Tuen Mun (Portion A)	16 December 2022	HY/2021/13	16 September to 15 December 2024 (8 th Quarter)
Tung Chung (Portion B)			
Penny's Bay (Portion C)			

Cultural Heritage

- 2.2.9 According to the works area under the Contract, no cultural heritage zone is located. Therefore, no specific EM&A requirement for construction phase was identified.

Landfill Gas

- 2.2.10 According to work scope of the Contract, there is no works area lies within the 250m Consultation Zone around the closed Pillar Point Valley Landfill. Therefore, no landfill gas monitoring is required for the Contract.

Waste Management

- 2.2.11 According to the Contract remaining duty is maintenance the compensation planting area of the Project outside TMCLKL boundary during the establishment period. No specific EM&A requirement for Waste Management related to the establishment of landscape softworks was identify.

- 2.2.12 All planting area under this contract area are land-based, no dredged sediment, excavated C&D material, C&D waste, chemical waste and sewage would be generated under this Contract. Only limited level of dead plant would be generated from works during maintenance of the planting area and would be easily controlled by standard waste management practice. No specific mitigation measure would be required.

Inspection and Audit

- 2.2.13 According to the Contract remaining duty is maintenance the compensation planting area of the Project outside TMCLKL boundary during the establishment period. No construction works would be taken under this contract. Moreover, no potential environmental issue had been identified in the previous sections. No regular site inspections would be required.

2.3 MONITORING SCHEDULE

- 2.3.1 The monitoring schedule for landscape & visual for the present reporting period is presented in [Appendix E](#). Summary of Impact Environmental Requirements Under the Contract

3 LANDSCAPE AND VISUAL

3.1 GENERAL

3.1.1 According to the Project EM&A Manual requirement, monitoring for the planting works at a frequency of 3 months interval during the 24-month establishment period is required to make sure the establishment planting works is complied with EMIS requirement, and during the 12-month establishment period, the maintenance operations must be supervised by fully qualified Landscape Resident Site Staff (Registered Landscape Architect or Professional Member of the Hong Kong Institute of Landscape Architects). Subsequent to the 12-month establishment period supervised by the qualified Landscape Resident Site Staff, the supervision from the 13th to the 24th month would be continued by other members of the Project. The updated EMIS for the Contract is shown in [Appendix F](#).

3.2 LANDSCAPE AND VISUAL INSPECTION

3.2.1 The planting works under the contract was commenced on 21 June 2022. According to the approved landscape and visual plan, the planting areas under the Contract are summarized in [Table 3-1](#) and the layout plan for the planting zone is illustrated in [Appendix G](#).

Table 3-1 Details of Provision of Remaining Compensation Tree Planting Works Areas

Works Area	Zone	Location	Proposed Use
Tuen Mun			
Portion A1	Zone 1 (Tuen Mun Area)	Slope 6NW-C/F 153	Works area for compensation tree planting
Portion A2		Slope 6SW-A/F 25	
Portion A3		Slope 5SE-B/F 89 Slope 5SE-B/F 70	
Portion A4		Slope 5SE-D/F 73	
Portion A5	Zone 2 (Siu Lam Area)	Slope 6SW-C/FR 200	
Portion A6		Slope 6SW-C/F 233 Slope 6SW-D/FR 279	
Portion A7		Slope 6SW-D/FR 320	
Lantau			
Tung Chung Portion B	Zone 3 (Tung Chung Area)	Slope 9SE-B/F 35 Slope 9SE-B/F 56 Slope 9SE-B/F 74	Works area for compensation tree planting
Penny's Bay Portion C	Zone 4 (Penny's Bay Area)	Slope 10NW-D/F 86 Slope 10NW-D/F 88 Slope 10NW-D/FR 89 Slope 10NW-D/FR 90 Slope 10NW-D/F 93 Slope 10NE-C/F 4 Slope 10NE-C/F 5 Slope 10NE-C/F 6	Works area for compensation tree planting

3.2.2 The planting works for the Contract was completed on 15 December 2022. The two years establishment period for those planting area was commenced on 16 December 2022.

3.2.3 In the Reporting Period, **one** establishment period inspection was conducted on 13 September 2024 for those compensation planting areas during this reporting period covering the 7th quarter establishment period from 16 June to 15 September 2024. The details of Establishment inspection for the Project during the reporting period are shown in [Table 3-2](#) and the Establishment inspection checklist is shown in [Appendix H](#).

Table 3-2 Details of Establishment Inspection for the Project during the Reporting Period

Planting Area	Quarter of Establishment Monitoring	Inspection Date
Tuen Mun (Portion A)	16 June to 15 September 2024 (7 th Quarter)	13 September 2024
Tung Chung (Portion B)		13 September 2024
Penny's Bay (Portion C)		13 September 2024

3.3 SUMMARY OF THE TREE PLANTING FOR TMCLK PROJECT

3.3.1 According to the requirements of the EIA Report and EP, the TM-CLKL Project shall carry out landscape softworks including planting of 6300 trees and provide at least 33 ha of landscape planting. All the planting works for the Project was completed. The compliance check for the quantity of tree planting and landscape planting area for the Project are summarized in [Table 3-3](#) and [Table 3-4](#) the tree planting schedule for TM-CLKL Project is illustrated in [Appendix I](#).

Table 3-3 Summary of Quantity Tree Planting for TM-CLKL Project

Works Contract	Location	Total No. of Tree Planting (light standard to heavy standard size)	EIA Requirement
HY/2012/07 (includes Entrusted Landscape Works to DC/2016/01)	Within TMCLK Project Boundary	1247	At least 6300 trees (light standard to heavy standard size)
HY/2013/12		1109	
HY/2017/10		2997	
HY/2021/13	Outside TMCLK Project Boundary	1066	
Total:		6419	Comply

Table 3-4 Summary of Landscape Planting Area for TM-CLKL Project

Works Contract	Location	Total Area of Landscape Planting (ha)	EIA Requirement
HY/2012/07 (includes Entrusted Landscape Works to DC/2016/01)	Within TMCLK Project Boundary	14.3	At least 33 ha
HY/2013/12		5.3	
HY/2017/10		14.4	
HY/2021/13	Outside TMCLK Project Boundary	NA	
Total:		33.9	Comply

3.3.2 According to the above summary, the quantity of tree planting and the landscape planting area for the TM-CLKL Project fulfil with the EIA Report and EP requirement.

4 ENVIRONMENTAL COMPLAINT AND NON-COMPLIANCE

4.1 ENVIRONMENTAL COMPLAINT, SUMMONS AND PROSECUTION

4.1.1 In the Reporting Period, no environmental complaint, summons and prosecution under the EM&A Programme was lodged.

4.1.2 The statistical summary table of environmental complaint, summons and prosecution are presented in *Tables 4-1, 4-2 and 4-3* and the cumulative statistics of complaint, summons and prosecution are illustrated in *Appendix J*.

Table 4-1 Statistical Summary of Environmental Complaints

Reporting Period	Environmental Complaint Statistics					
	Frequency	Cumulative	Complaint Nature			
			Air	Noise	Water	Others
September 2024	0	0	NA	NA	NA	NA

Table 4-2 Statistical Summary of Environmental Summons

Reporting Period	Environmental Summons Statistics				
	Frequency	Cumulative	Complaint Nature		
			Air	Noise	Water
September 2024	0	0	NA	NA	NA

Table 4-3 Statistical Summary of Environmental Prosecution

Reporting Period	Environmental Prosecution Statistics				
	Frequency	Cumulative	Complaint Nature		
			Air	Noise	Water
September 2024	0	0	NA	NA	NA

4.1.3 In the Reporting Period, no warning letter related to environmental issue was received from the EPD or HyD.

5 CONCLUSIONS AND RECOMMENDATIONS

5.1 CONCLUSIONS

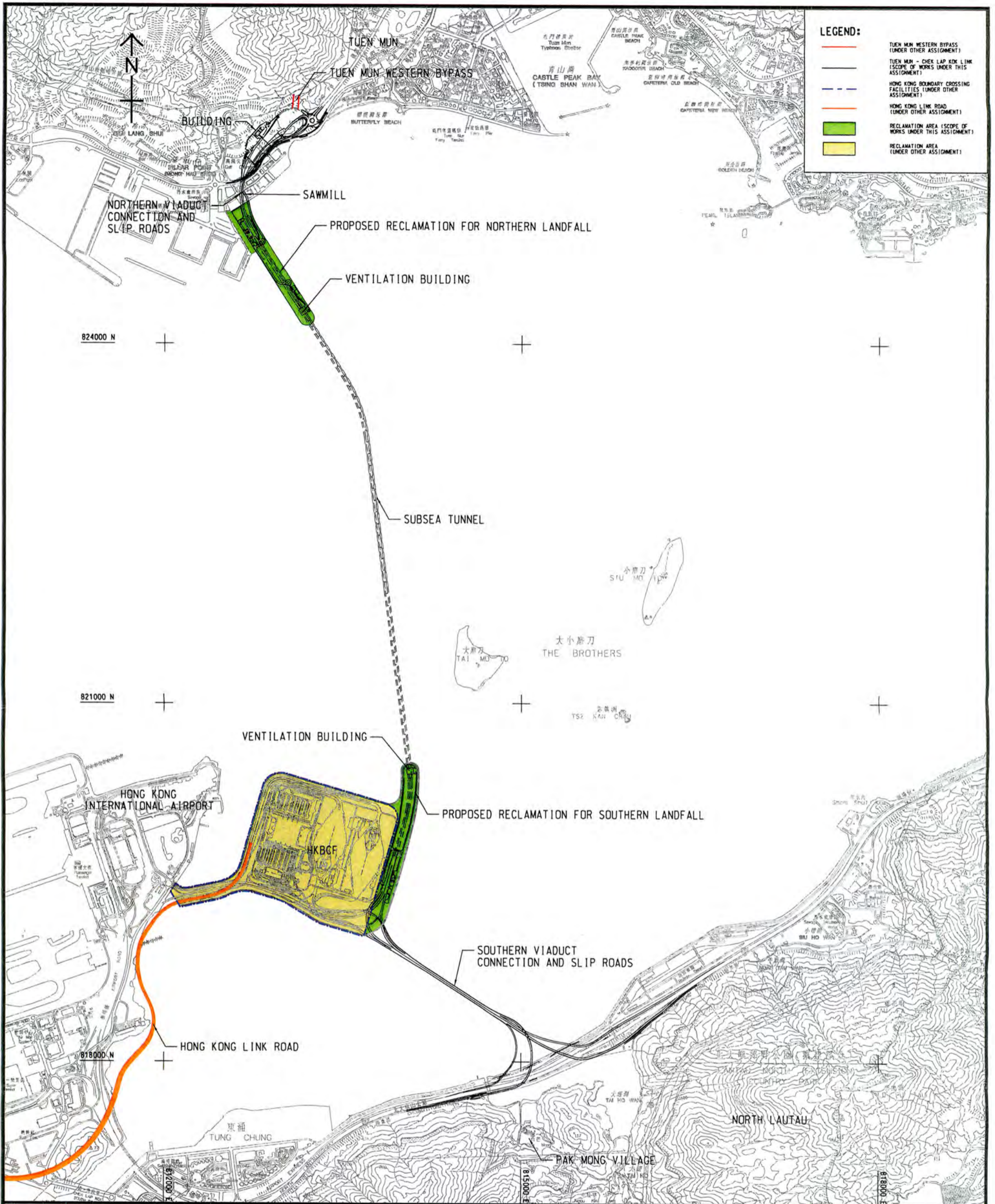
- 5.1.1 This is 28th monthly EM&A report presenting the inspection findings for the period of 1 to 30 September 2024.
- 5.1.2 The planting works for the Contract No. HY/2021/13 was commenced on 21 June 2022.
- 5.1.3 In the Reporting Period, no complaint was received by RE, the Contractor, ENPO or HyD.
- 5.1.4 No notifications of summons, or successful prosecution were received by the Contractor during the Reporting Period.
- 5.1.5 The planting works for the Contract was completed on 15 December 2022. The two years establishment period for those planting area was commenced on 16 December 2022.
- 5.1.6 There is no air quality, noise, water quality, ecology, cultural heritage and landfill gas monitoring was required for the contract.
- 5.1.7 **One** establishment period inspection was conducted on 13 September 2024 for those compensation planting areas during this reporting period covering the 7th quarter establishment period from 16 June to 15 September 2024.
- 5.1.8 All the planting works for the TM-CLKL Project was completed, the quantity of tree planting and the landscape planting area for the Project fulfil with the EIA Report and EP requirement.

5.2 RECOMMENDATIONS

- 5.2.1 According to the Project EM&A Manual requirement, monitoring for the planting works at a frequency of 3 months interval during the 24-month establishment period is required to make sure the establishment planting works is complied with EMIS requirement, and during the 12-month establishment period, the maintenance operations must be supervised by fully qualified Landscape Resident Site Staff (Registered Landscape Architect or Professional Member of the Hong Kong Institute of Landscape Architects). Subsequent to the 12-month establishment period supervised by the qualified Landscape Resident Site Staff, the supervision from the 13th to the 24th month would be continued by other members of the Project.
- 5.2.2 Proper maintenance for the planting area / planting tree should be provided during the establishment period.

Appendix A

Project Layout Plan



Project Title: Tuen Mun - Chek Lap Kok Link

工程項目名稱：屯門至赤鱸角連接路

Project Location

工程項目位置

(Plan originated from Figure 3.1 of Approved EIA Report reference no.: AEIAR-146/2009)
(圖則源自已批准的環境影響評估報告編號AEIAR-146/2009圖3.1)

Environmental Protection Department
環境保護署



Environmental Permit No.: EP-354/2009/D
環境許可證編號：EP-354/2009/D

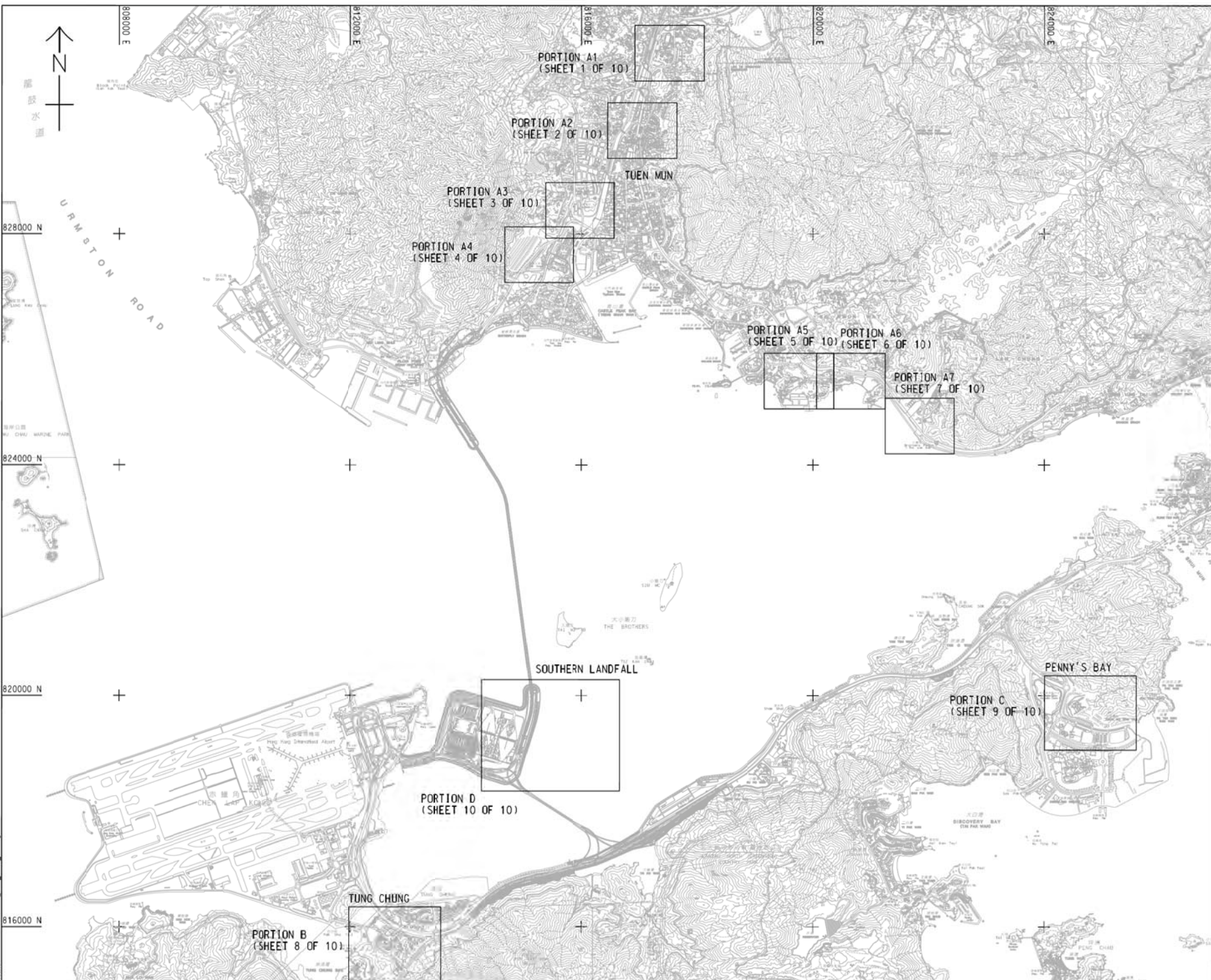
Figure 1
圖1

Appendix B

Layout Plan of the Contract

Project Management (Title): Designer: Checker: A/C: Engineer: D/W: ECN: 18/01/2021

Project No.: 80240249
 Drawing No.: HY/2021/13
 Drawing Title: LOCATION PLAN AND KEY PLAN



AECOM

PROJECT

**TUEN MUN -
CHEK LAP KOK LINK**

CONTRACT TITLE
**PROVISION OF REMAINING
COMPENSATION TREE PLANTING
FOR THE TUEN MUN -
CHEK LAP KOK LINK PROJECT**

CLIENT



CONSULTANT

AECOM Asia Company Ltd.
 www.aecom.com

SUB-CONSULTANTS

ISSUE/REVISION

NO.	DATE	DESCRIPTION	BY	CHECKED
1	2021/11/13	ISSUE FOR TENDER	CWN	

STATUS

SCALE: 1:30000
 DIMENSION UNIT: METERS

KEY PLAN

PROJECT NO.: 80240249
 CONTRACT NO.: HY/2021/13

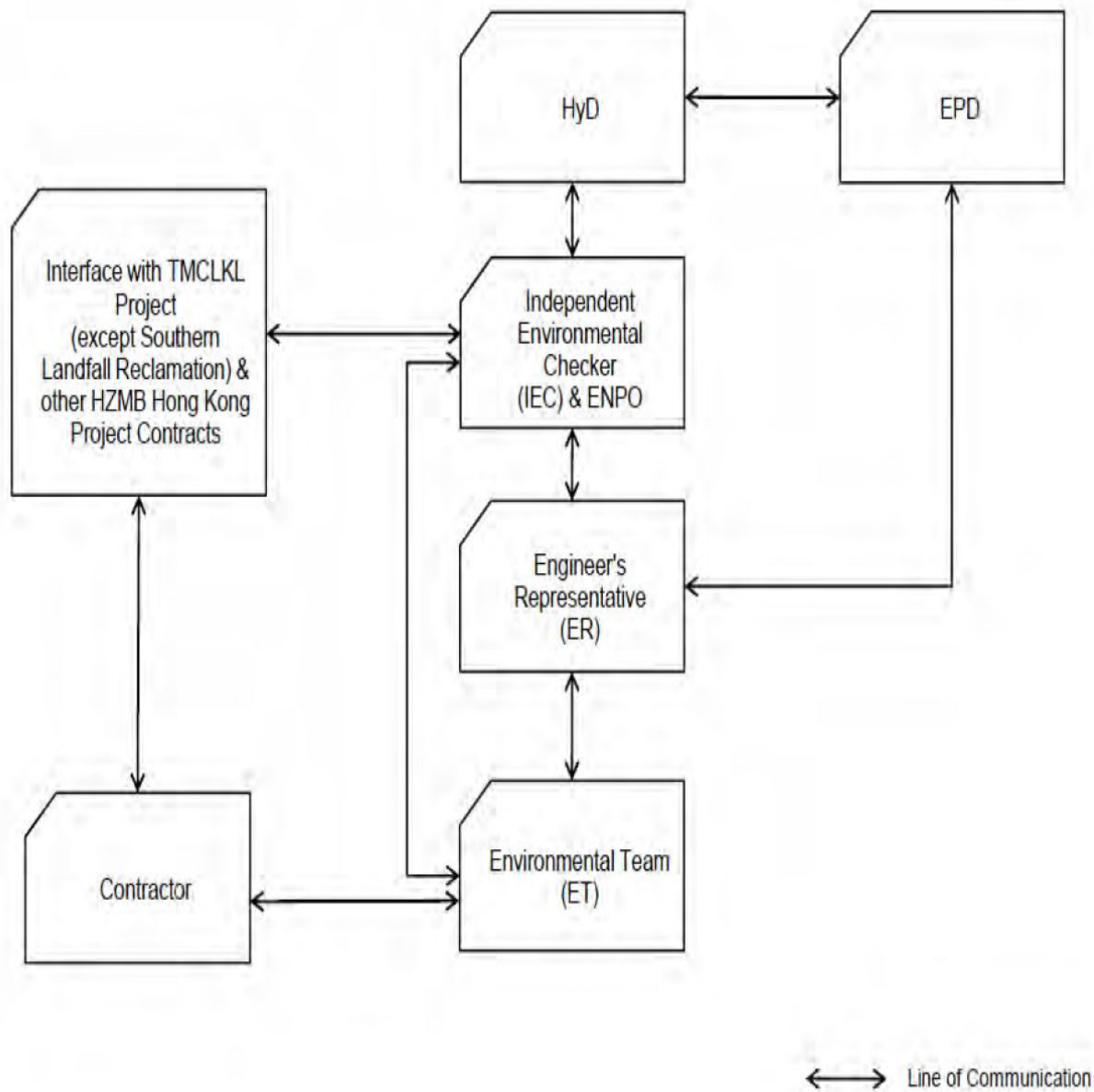
SHEET TITLE
LOCATION PLAN AND KEY PLAN

SHEET NUMBER
80240249/C7/1000

This drawing has been prepared for the use of AECOM clients. It may not be used, modified, reproduced or otherwise published without the written consent of AECOM. All measurements should be taken from the original drawing.

Appendix C

Organization of the Contract



Project Organization chart

Contact Details of Key Personnel for the Contract HY/2021/13

Organization	Project Role	Name of Key Staff	Tel No	Fax No.
HyD	Employer	Mr. Marcus Cheng	2762 3628	3188 6614
AECOM	Resident Engineer	Mr. Joe Chan	2293 6200	2293 6300
ANewR	Environmental Project Office Leader (ENPO Leader)	Mr. Louis Kwan	2618 2836	3007 8648
ANewR	Independent Environmental Checker (IEC)	Mr. James Choi	2618 2836	3007 8648
WHY	Project Manager	Mr. Joe Fung	2719 1313	2110 0581
WHY	Environmental Officer	Mr. Ivan Lau	2719 1313	2110 0581
AUES	Environmental Team Leader	Mr. Ben Tam	2959 6059	2959 6079
AUES	Environmental Consultant	Mr. Martin Li	2959 6059	2959 6079

Legend:*HyD (Employer) –Highways Department**AECOM (Engineer) – AECOM Asia Co. Ltd.**WHY (Main Contractor) –Wing Ho Yuen Landscaping Co., Ltd**ANewR (ENPO and IEC) –ANewR Consulting Limited**AUES (ET) – Action-United Environmental Services & Consulting*

Appendix D

Event and Action Plan

Event and Action Plan for Landscape and Visual Impact

EVENT ACTION LEVEL	ACTION			
	ET	IEC	ER	Contractor
Design Check	<ul style="list-style-type: none"> Check final design conforms to the requirements of EP and prepare report. 	<ul style="list-style-type: none"> Check report. Recommend remedial design if necessary 	<ul style="list-style-type: none"> Undertake remedial design if necessary 	
Non- conformity on one occasion	<ul style="list-style-type: none"> Identify Source Inform IEC and ER Discuss remedial actions with IEC, ER and Contractor Monitor remedial actions until rectification has been completed 	<ul style="list-style-type: none"> Check report Check Contractor's working method Discuss with ET and Contractor on possible remedial measures Advise ER on effectiveness of proposed remedial measures. Check implementation of remedial measures 	<ul style="list-style-type: none"> Notify Contractor Ensure remedial measures are properly implemented 	<ul style="list-style-type: none"> Amend working methods Rectify damage and undertake any necessary replacement
Repeated Non-conformity	<ul style="list-style-type: none"> Identify Source Inform IEC and ER Increase monitoring frequency Discuss remedial actions with IEC, ER and Contractor Monitor remedial actions until rectification has been completed If nonconformity stops, cease additional monitoring 	<ul style="list-style-type: none"> Check monitoring report Check Contractor's working method Discuss with ET and Contractor on possible remedial measures Advise ER on effectiveness of proposed remedial measures Supervise implementation of remedial measures 	<ul style="list-style-type: none"> Notify Contractor Ensure remedial measures are properly implemented 	<ul style="list-style-type: none"> Amend working methods Rectify damage and undertake any necessary replacement

Note:

ET – Environmental Specialist, IEC – Independent Environmental Checker, ER – Engineer's Representative

Appendix E

Monitoring Schedule

Establishment Inspection Schedule for this Reporting Period

Date		Portion A Tuen Mun Area	Portion B Tung Chung Area	Portion C Penny's Bay Area
Sun	1-September-24			
Mon	2-September-24			
Tue	3-September-24			
Wed	4-September-24			
Thu	5-September-24			
Fri	6-September-24			
Sat	7-September-24			
Sun	8-September-24			
Mon	9-September-24			
Tue	10-September-24			
Wed	11-September-24			
Thu	12-September-24			
Fri	13-September-24	✓	✓	✓
Sat	14-September-24			
Sun	15-September-24			
Mon	16-September-24			
Tue	17-September-24			
Wed	18-September-24			
Thu	19-September-24			
Fri	20-September-24			
Sat	21-September-24			
Sun	22-September-24			
Mon	23-September-24			
Tue	24-September-24			
Wed	25-September-24			
Thu	26-September-24			
Fri	27-September-24			
Sat	28-September-24			
Sun	29-September-24			
Mon	30-September-24			

✓	Monitoring Day
	Sunday or Public Holiday

Establishment Inspection Schedule for next Reporting Period

Date		Portion A Tuen Mun Area	Portion B Tung Chung Area	Portion C Penny's Bay Area
Tue	1-October-24			
Wed	2-October-24			
Thu	3-October-24			
Fri	4-October-24			
Sat	5-October-24			
Sun	6-October-24			
Mon	7-October-24			
Tue	8-October-24			
Wed	9-October-24			
Thu	10-October-24			
Fri	11-October-24			
Sat	12-October-24			
Sun	13-October-24			
Mon	14-October-24			
Tue	15-October-24			
Wed	16-October-24			
Thu	17-October-24			
Fri	18-October-24			
Sat	19-October-24			
Sun	20-October-24			
Mon	21-October-24			
Tue	22-October-24			
Wed	23-October-24			
Thu	24-October-24			
Fri	25-October-24			
Sat	26-October-24			
Sun	27-October-24			
Tue	28-October-24			
Wed	29-October-24			
Thu	30-October-24			
Fri	31-October-24			

✓	Monitoring Day
	Sunday or Public Holiday

Appendix F

Environmental Mitigation and Enhancement Measures Implementation Schedule (EMIS)

CONTRACT NO. HY/2021/13

**PROVISION OF REMAINING COMPENSATION TREE PLANTING FOR THE TUEN MUN – CHEK LAP KOK LINK PROJECT
ENVIRONMENTAL MITIGATION AND ENHANCEMENT MEASURE IMPLEMENTATION SCHEDULE**

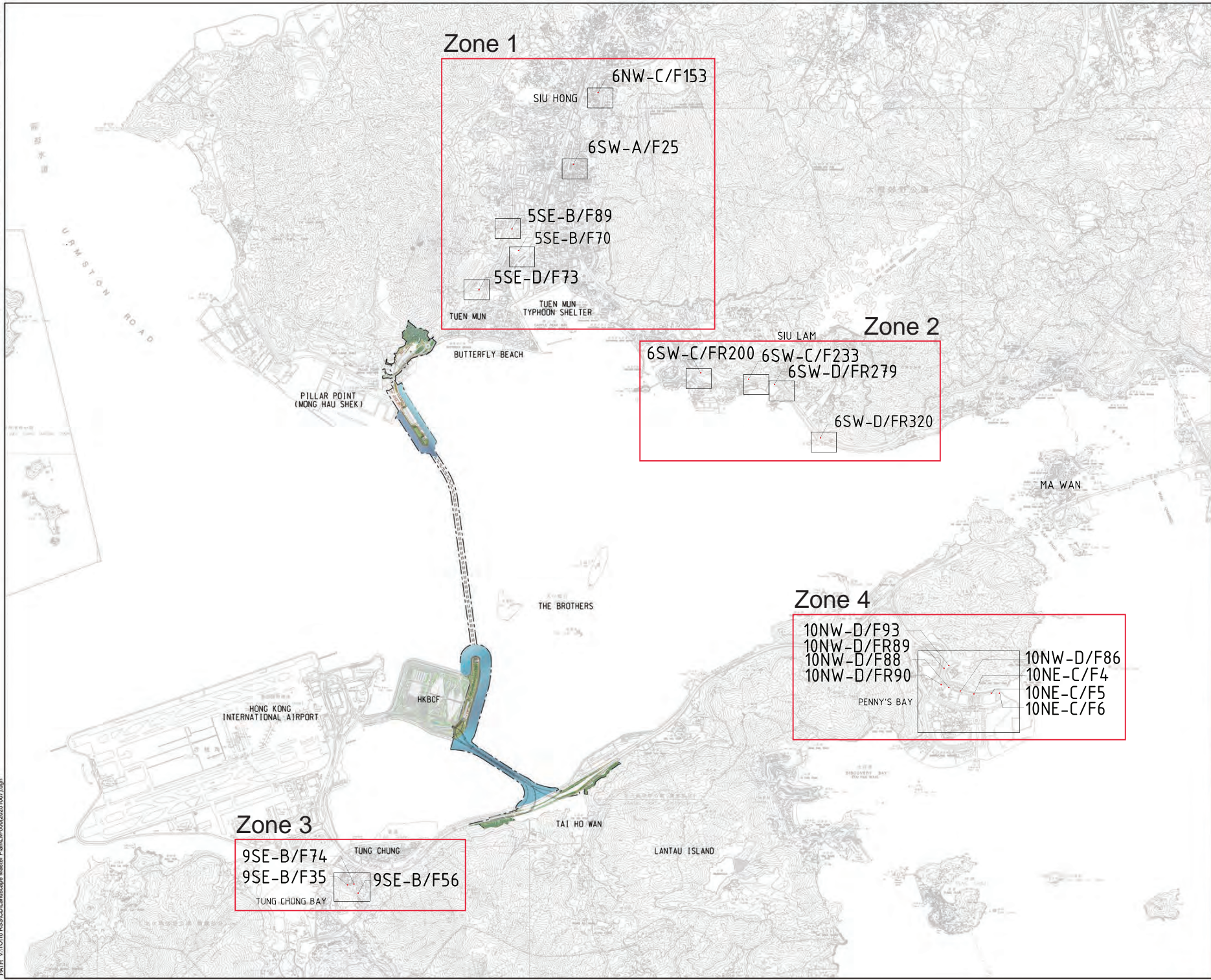
Landscape and Visual								
EIA reference	EM&A Manual reference	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages		
						D	C	O
10.9	7.6	Re-vegetation of affected woodland/shrubland with native species (OM1)	All areas/detailed design/ during Construction/ post construction	Design Consultant/ Contractor	TMEIA	Y	Y	Y
10.9	7.6	Tall buffer screen tree / shrub / climber planting where appropriate should be incorporated to soften hard engineering structures and facilities (OM2)	All areas/detailed design/ during Construction/ post construction	Design Consultant/ Contractor	TMEIA	Y	Y	Y
10.9	7.6	Streetscape elements (e.g. paving, signage, street furniture, lighting etc.) shall be sensitively designed in a manner that responds to the local context, and minimises potential negative landscape and visual impacts. Lighting units should be directional and minimize unnecessary light spill (OM3)	All areas/detailed design/ during Construction/ post construction	Design Consultant/ Contractor	TMEIA	Y	Y	Y
10.9	7.6	Structure, ornamental tree / shrub / climber planting should be provided along roadside amenity strips, central dividers and newly formed slopes to enhance the townscape quality and further greenery enhancement (OM4)	All areas/detailed design/ during Construction/ post construction	Design Consultant/ Contractor	TMEIA	Y	Y	Y
10.9	7.6	Aesthetically pleasing design (visually unobtrusive and non-reflective) as regard to the form, material and finishes shall be incorporated to all buildings, engineering structures and associated infrastructure facilities (OM5)	All areas/detailed design/ during Construction/ post construction	Design Consultant/ Contractor	TMEIA	Y	Y	Y
10.9	7.6	Avoidance of excessive height and bulk of buildings and structures (OM6)	All areas/detailed design/ during Construction/ post construction	Design Consultant/ Contractor	TMEIA	Y	Y	Y

Legend: D=Design, C=Construction, O=Operation

Note: Funding Agent for all mitigation measures will be the Highways Department of the Hong Kong SAR Government

Appendix G

Layout Plan for the Planting Zone



Zone 1

- 6NW-C/F153
- SIU HONG
- 6SW-A/F25
- 5SE-B/F89
- 5SE-B/F70
- 5SE-D/F73
- TUEN MUN TYPHOON SHELTER

Zone 2

- 6SW-C/FR200
- 6SW-C/F233
- 6SW-D/FR279
- 6SW-D/FR320

Zone 4

- 10NW-D/F93
- 10NW-D/FR89
- 10NW-D/F88
- 10NW-D/FR90
- 10NW-D/F86
- 10NE-C/F4
- 10NE-C/F5
- 10NE-C/F6

Zone 3

- 9SE-B/F74
- 9SE-B/F35
- 9SE-B/F56

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B	NOV 22	SLOPES UPDATE	CL
A	MAR 21	SLOPES UPDATE	CL
IR	DATE	DESCRIPTION	CHK.

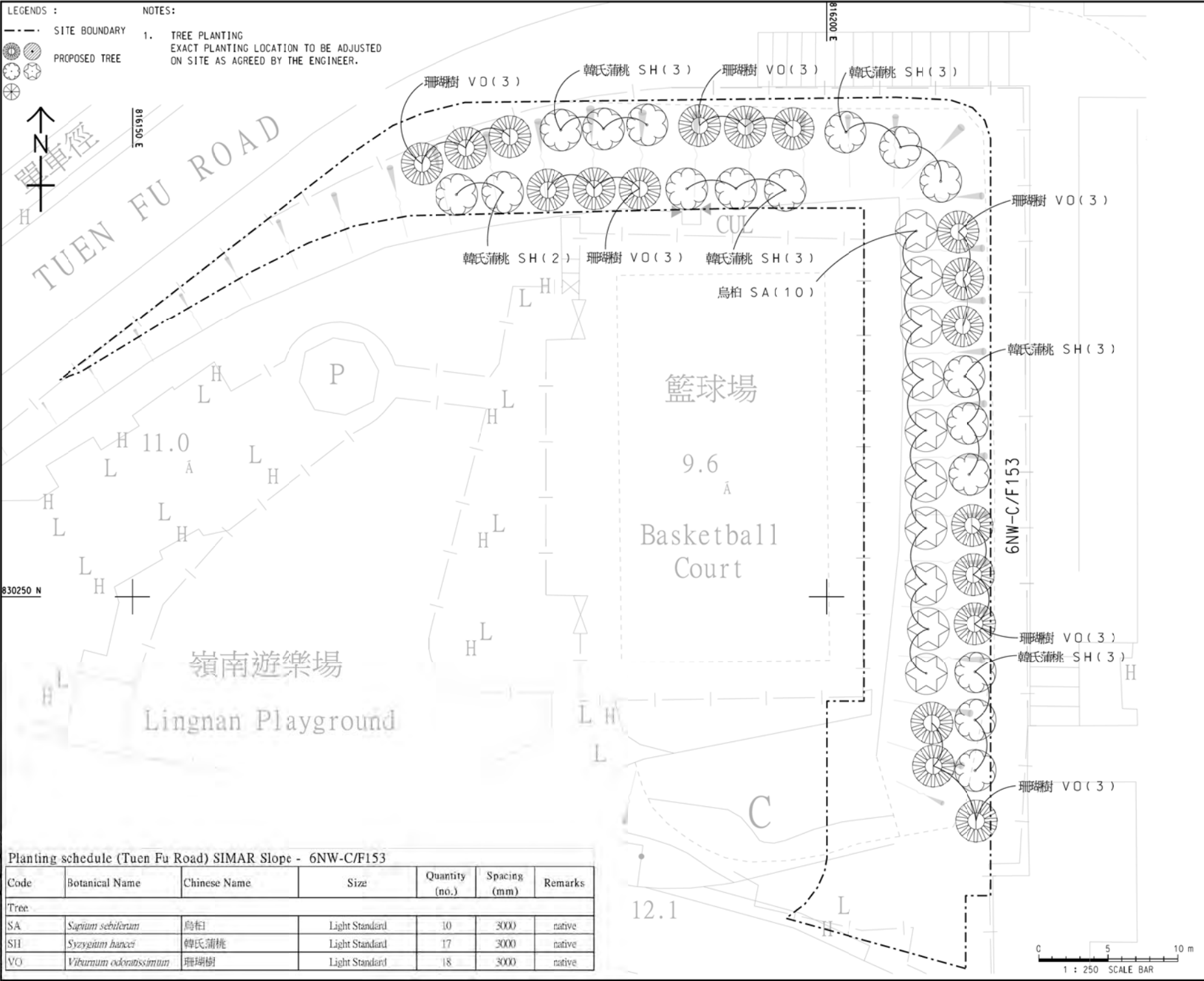
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LEGENDS :

SITE BOUNDARY
 PROPOSED TREE

NOTES:

1. TREE PLANTING EXACT PLANTING LOCATION TO BE ADJUSTED ON SITE AS AGREED BY THE ENGINEER.



Planting schedule (Tuen Fu Road) SIMAR Slope - 6NW-C/F153

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
Tree						
SA	<i>Sapium sebiferum</i>	烏柏	Light Standard	10	3000	native
SH	<i>Syzygium hancei</i>	韓氏蒲桃	Light Standard	17	3000	native
VO	<i>Viburnum odoratissimum</i>	珊瑚樹	Light Standard	18	3000	native

ISSUE/REVISION

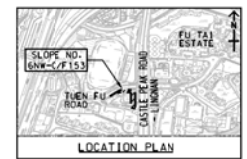
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STATUS

NO.	DESCRIPTION	DATE

SCALE **DIMENSION UNIT**

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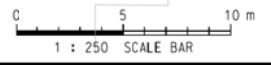


PROJECT NO. 60240249	CONTRACT NO. HY/2021/13
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SHEET TITLE
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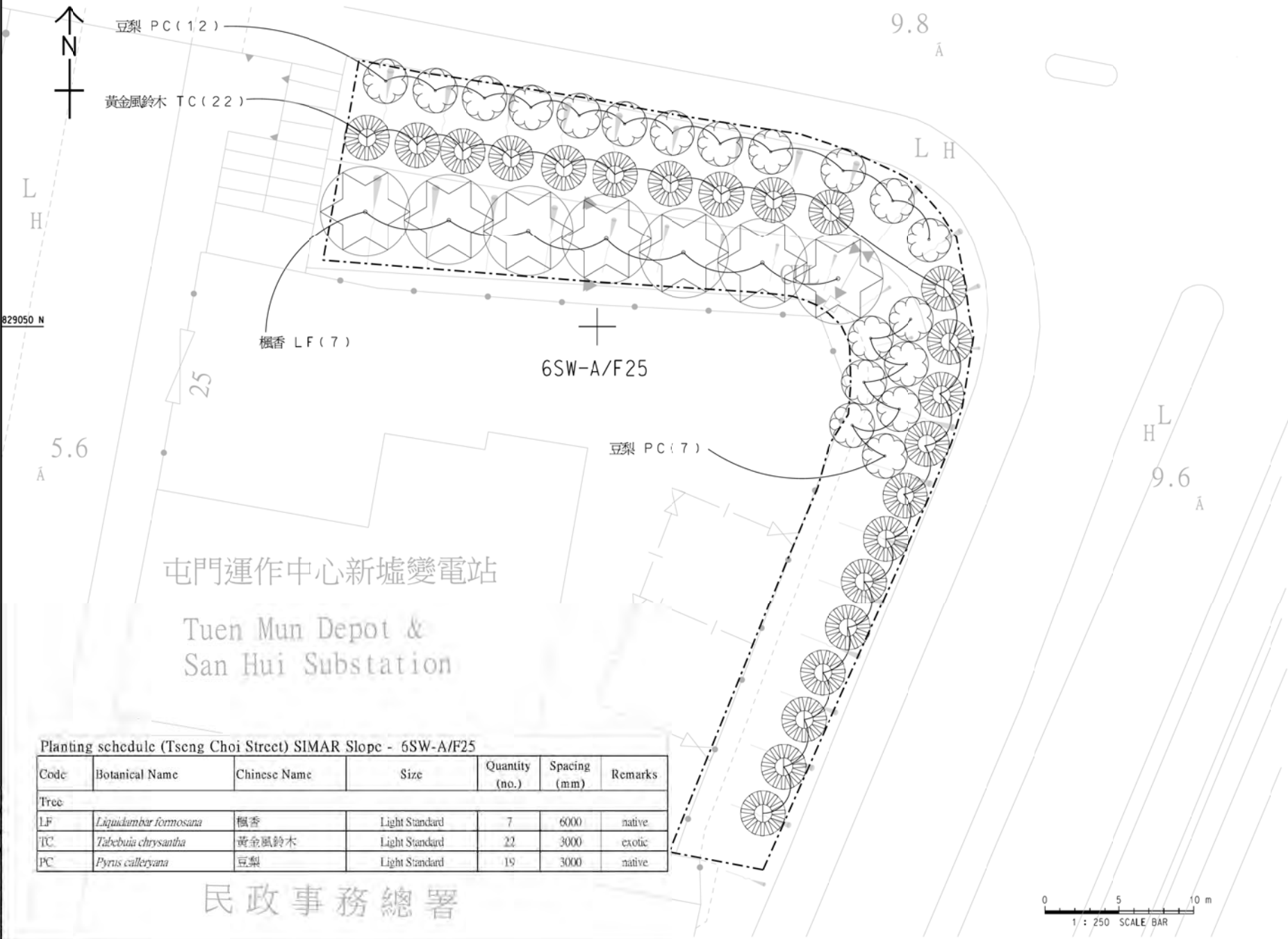
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- LEGENDS :**
- SITE BOUNDARY
 - PROPOSED TREE
- NOTES:**
- TREE PLANTING EXACT PLANTING LOCATION TO BE ADJUSTED ON SITE AS AGREED BY THE ENGINEER.



Planting schedule (Tseng Choi Street) SIMAR Slope - 6SW-A/F25

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
LF	<i>Liquidambar formosana</i>	楓香	Light Standard	7	6000	native
TC	<i>Tabebuia chrysantha</i>	黃金風鈴木	Light Standard	22	3000	exotic
PC	<i>Pyrus calleryana</i>	豆梨	Light Standard	19	3000	native

AECOM

PROJECT
TUEN MUN - CHEK LAP KOK LINK

CONTRACT TITLE
PROVISION OF REMAINING COMPENSATION TREE PLANTING FOR THE TUEN MUN - CHEK LAP KOK LINK PROJECT

CLIENT

 路政署
 HIGHWAYS DEPARTMENT
 主要工程管理處 (專業事務)
 Major Works Project Management Office (Special Duties)

CONSULTANT
 AECOM Asia Company Ltd.
 www.aecom.com

SUB-CONSULTANTS
 伊和土庫有限公司

ISSUE/REVISION

NO.	DESCRIPTION	DATE	BY	CHECKED

STATUS
 SER 21 TENDER DRAWING CWN
 WR DATE DESCRIPTION CHK

SCALE DIMENSION UNIT
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KEY PLAN

PROJECT NO. 60240249 **CONTRACT NO.** HY/2021/13

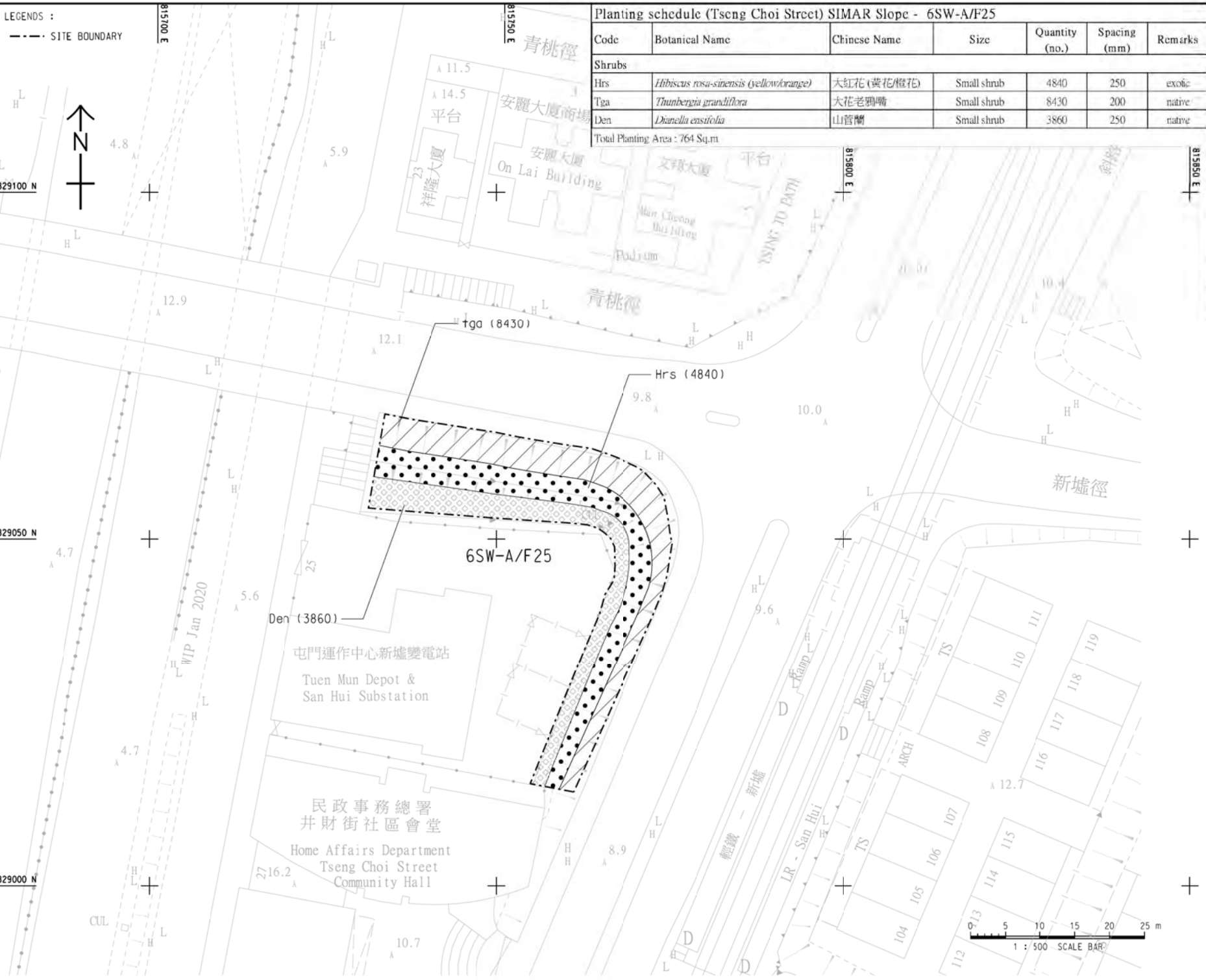
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SHEET NUMBER
 60240249/C7/1032

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Project Management Header: Designer: CHW Checked: ALCF Approved: CWN ISO A1 (84mm x 84mm) 8/9/2021 P:\11\110\Name Connectivity\2021_13\CF_A1333.DWG

LEGENDS :
 - - - - SITE BOUNDARY



Planting schedule (Tseng Choi Street) SIMAR Slope - 6SW-A/F25

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
Shrubs						
Hrs	<i>Hibiscus rosa-sinensis (yellow/orange)</i>	大红花 (黃花/橙花)	Small shrub	4840	250	exotic
Tga	<i>Thunbergia grandiflora</i>	大花老鴉嘴	Small shrub	8430	200	native
Den	<i>Dianella ensifolia</i>	山菅蘭	Small shrub	3860	250	native

Total Planting Area : 764 Sq.m



PROJECT

TUEN MUN - CHEK LAP KOK LINK

CONTRACT TITLE
 PROVISION OF REMAINING COMPENSATION TREE PLANTING FOR THE TUEN MUN - CHEK LAP KOK LINK PROJECT

CLIENT

 路政署
 HIGHWAYS DEPARTMENT
 主要工程管理處 (專責業務)
 Major Works Project Management Office (Special Duties)

CONSULTANT
 AECOM Asia Company Ltd.
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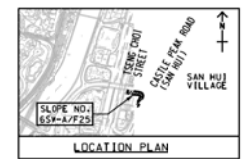
ISSUE/REVISION

NO.	DESCRIPTION	DATE	BY	CHECKED

STATUS

SCALE
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KEY PLAN

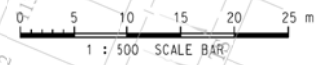


PROJECT NO.
 60240249

CONTRACT NO.
 HY/2021/13

SHEET TITLE
 SHRUB PLANTING PLAN FOR SLOPE NO. 6SW-A/F25 AT TSENG CHOI STREET, TUEN MUN

SHEET NUMBER
 60240249/C/1033



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Project Management Enabler: Designer: Checker: A.C.F. Approved: C.W.N. ISO A1 (84mm x 84mm)

LEGENDS :

--- SITE BOUNDARY

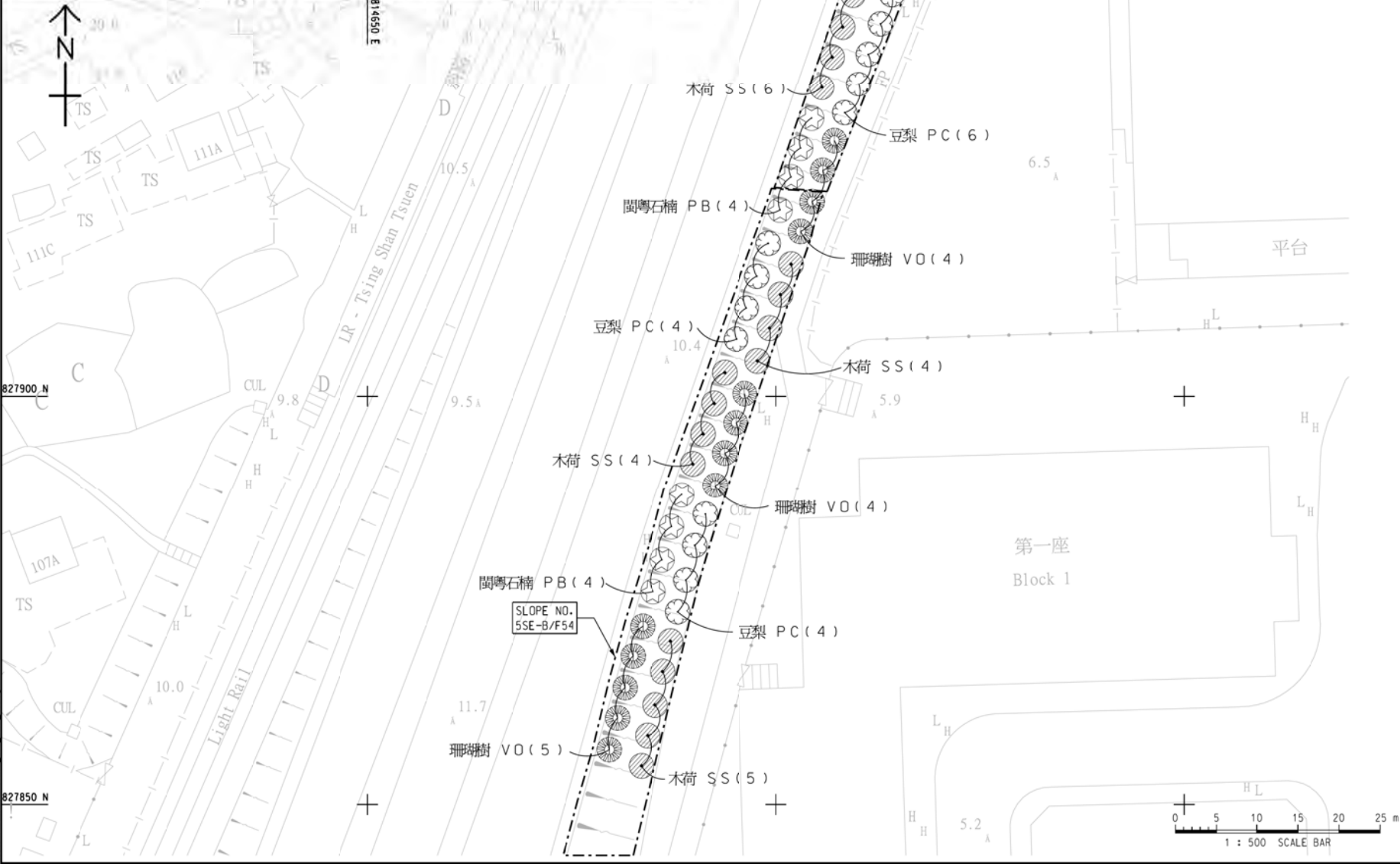
○ PROPOSED TREE

NOTES:

1. TREE PLANTING EXACT PLANTING LOCATION TO BE ADJUSTED ON SITE AS AGREED BY THE ENGINEER.

Planting schedule (Tsing Wan Road) SIMAR Slope -5SE-B/F54 & 5SE-B/F89

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
Tree						
PB	<i>Photinia benthamiana</i>	闊葉石楠	Light Standard	12	3000	native
PC	<i>Pyrus calleryana</i>	豆梨	Light Standard	20	3000	native
SS	<i>Schinus superba</i>	木荷	Light Standard	19	3000	native
VO	<i>Viburnum odoratissimum</i>	珊瑚樹	Light Standard	16	3000	native



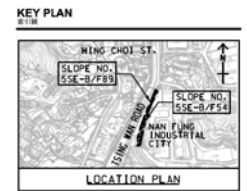
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NO.	DESCRIPTION	DATE

NO.	DATE	DESCRIPTION	CHK.

STATUS

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DIMENSION UNIT
METERS



PROJECT NO. 60240249
CONTRACT NO. HY/2021/13

SHEET TITLE
TREE PLANTING PLAN FOR SLOPE NO. 5SE-B/F54 & 5SE-B/F89 AT TSING WAN ROAD, TUEN MUN

SHEET NUMBER
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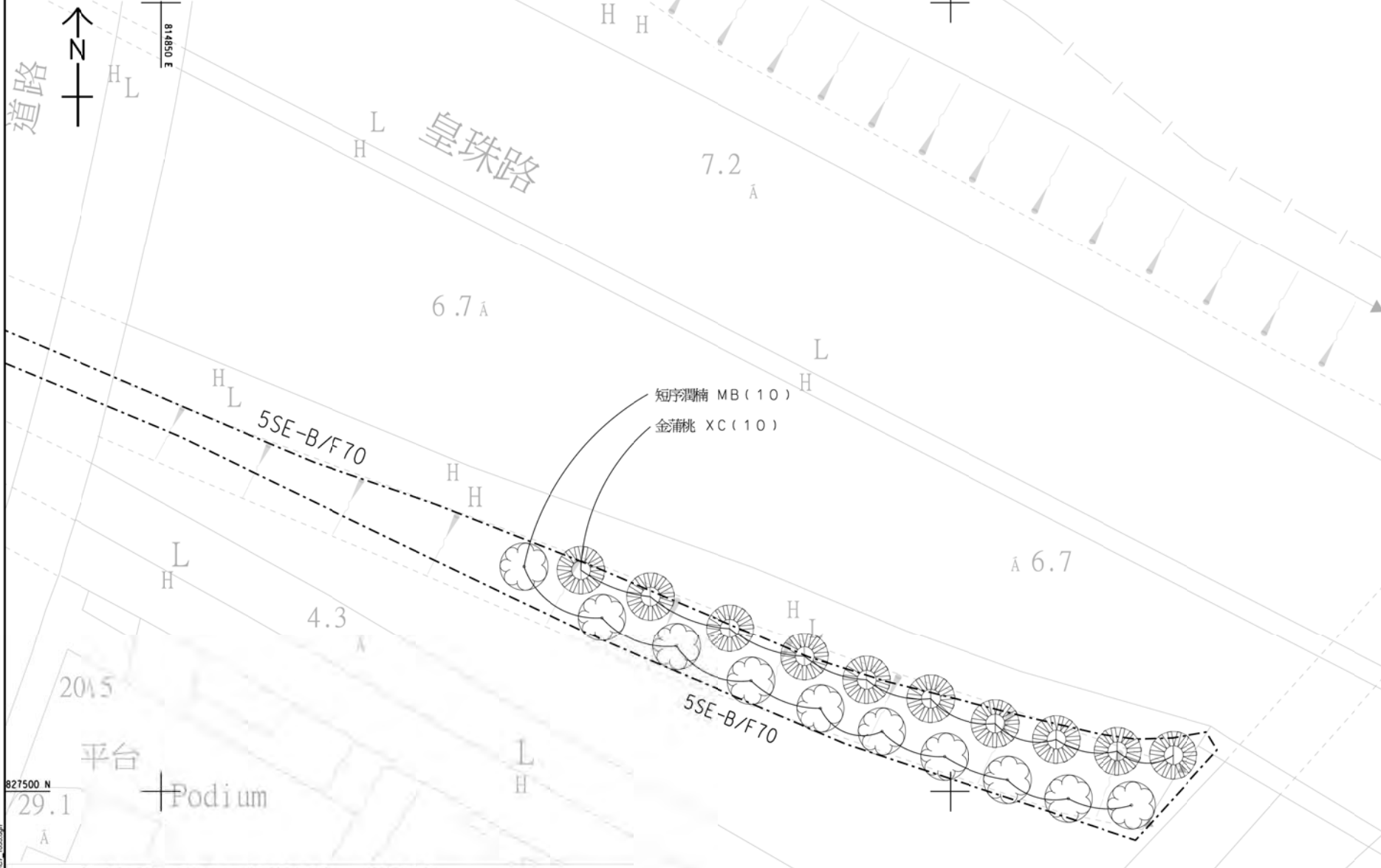
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LEGENDS :

- SITE BOUNDARY
- PROPOSED TREE

NOTES:

- TREE PLANTING EXACT PLANTING LOCATION TO BE ADJUSTED ON SITE AS AGREED BY THE ENGINEER.



短序潤楠 MB (10)
金蒲桃 XC (10)

Planting schedule (Wong Chu Road) SIMAR Slope -5SE-B/F70

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
Tree						
MB	<i>Machilus breviflora</i>	短序潤楠	Light Standard	10	3000	native
XC	<i>Xanthostemon chrysanthus</i>	金蒲桃	Light Standard	10	3000	exotic

AECOM

PROJECT
TUEN MUN - CHEK LAP KOK LINK

CONTRACT TITLE
PROVISION OF REMAINING COMPENSATION TREE PLANTING FOR THE TUEN MUN - CHEK LAP KOK LINK PROJECT

CLIENT
路政署 HIGHWAYS DEPARTMENT
主要工程管理處 (專業事務) Major Works Project Management Office (Special Duties)

CONSULTANT
AECOM Asia Company Ltd.
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SUB-CONSULTANTS

ISSUE/REVISION

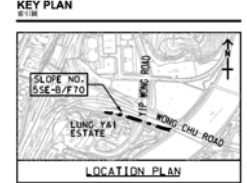
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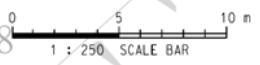
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PROJECT NO. 60240249
CONTRACT NO. HY/2021/13

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SHEET NUMBER
60240249/C7/1035



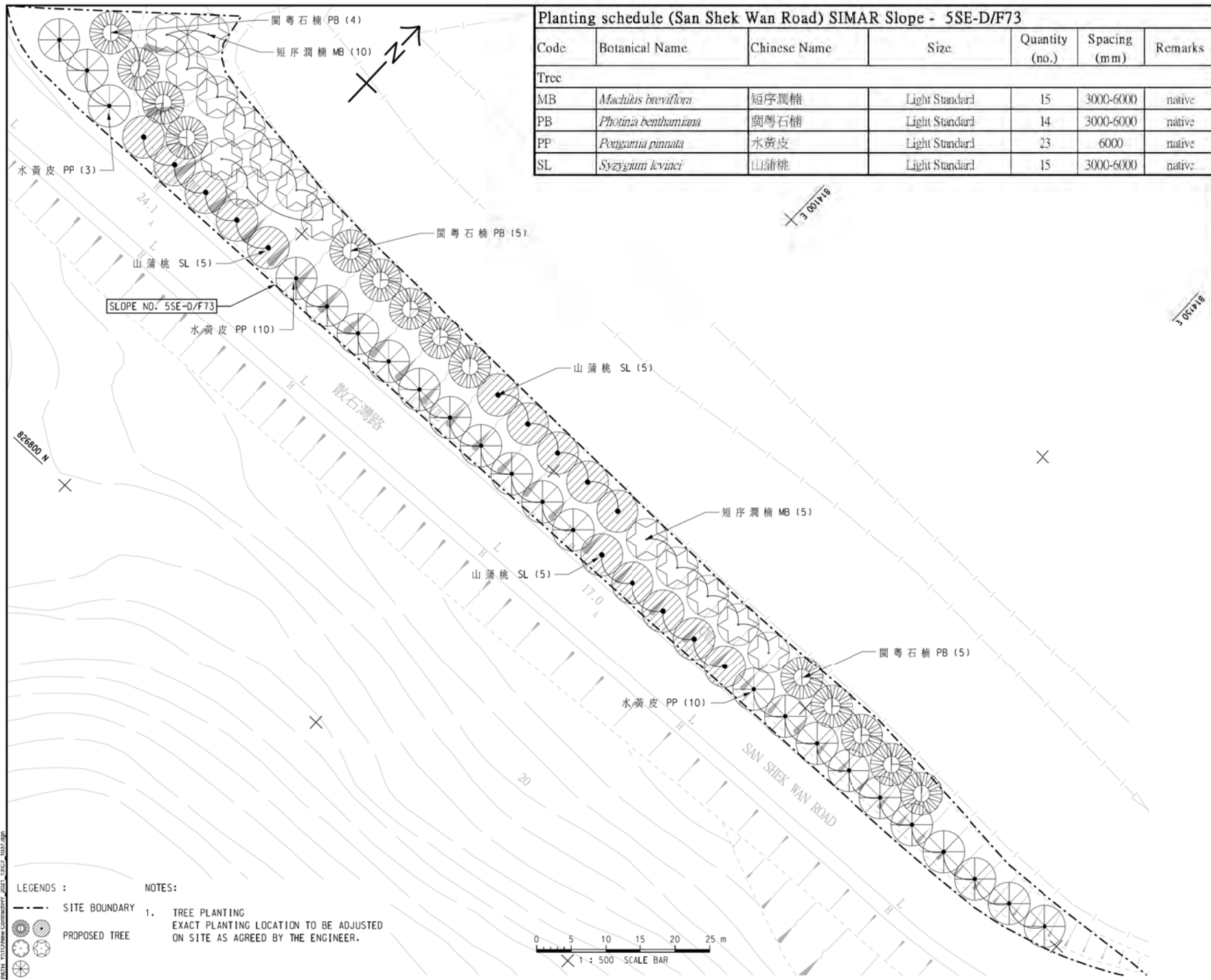
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Project Management Header: Designer: ALCF Approved: CWN ISO A1 (84mm x 84mm)

8/8/2021
Proj File No: 60240249
PANEL: TUNMUN Compensation Area - S5E-D-F73

Planting schedule (San Shek Wan Road) SIMAR Slope - 5SE-D/F73

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
Tree						
MB	<i>Machilus breviflora</i>	短序潤楠	Light Standard	15	3000-6000	native
PB	<i>Photinia benthamiana</i>	闊葉石楠	Light Standard	14	3000-6000	native
PP	<i>Pongamia pinnata</i>	水黃皮	Light Standard	23	6000	native
SL	<i>Syzygium kvinci</i>	山蒲桃	Light Standard	15	3000-6000	native



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PROJECT

TUEN MUN -
CHEK LAP KOK LINK

CONTRACT TITLE
PROVISION OF REMAINING
COMPENSATION TREE PLANTING
FOR THE TUEN MUN -
CHEK LAP KOK LINK PROJECT

CLIENT

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HIGHWAYS DEPARTMENT
主要工程管理部 (專業事務)
Major Works Project Management Office
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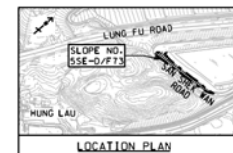
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SCALE DIMENSION UNIT

A3 1:500

KEY PLAN



PROJECT NO.

60240249

CONTRACT NO.

HY/2021/13

SHEET TITLE

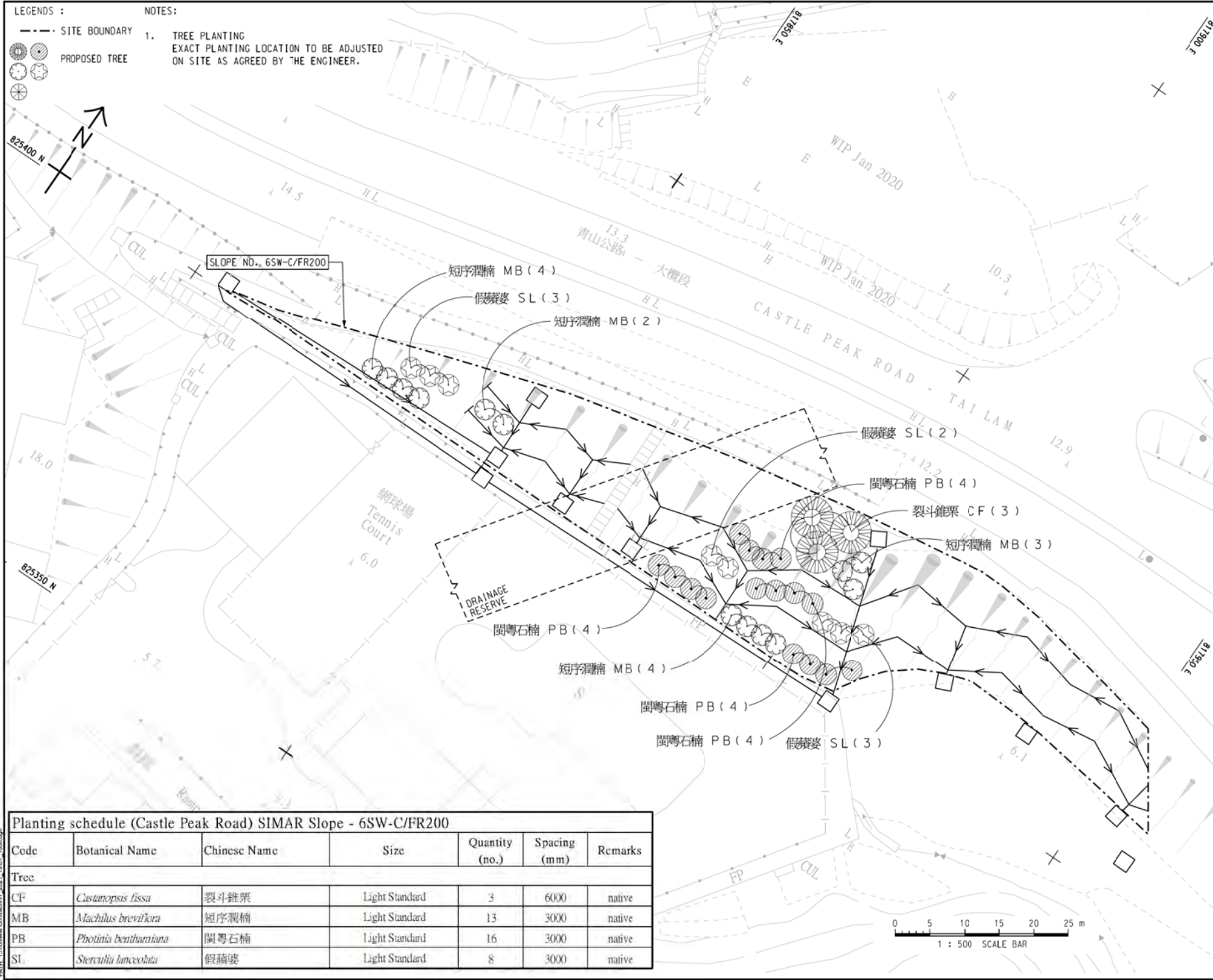
TREE PLANTING PLAN FOR
SLOPE NO. 5SE-D/F73 AT
SAN SHEK WAN ROAD, TUEN MUN

SHEET NUMBER

60240249/C7/1037

- LEGENDS :**
- SITE BOUNDARY
 - PROPOSED TREE

- NOTES:**
- TREE PLANTING EXACT PLANTING LOCATION TO BE ADJUSTED ON SITE AS AGREED BY THE ENGINEER.



Planting schedule (Castle Peak Road) SIMAR Slope - 6SW-C/FR200

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
Tree						
CF	<i>Castanopsis tissa</i>	裂斗锥栗	Light Standard	3	6000	native
MB	<i>Machilus breviflora</i>	短序潤楠	Light Standard	13	3000	native
PB	<i>Photinia benthamiana</i>	闊粵石楠	Light Standard	16	3000	native
SL	<i>Sterculia lanceolata</i>	假蒺藜	Light Standard	8	3000	native

AECOM

PROJECT
TUEN MUN - CHEK LAP KOK LINK

CONTRACT TITLE
PROVISION OF REMAINING COMPENSATION TREE PLANTING FOR THE TUEN MUN - CHEK LAP KOK LINK PROJECT

CLIENT
路政署
HIGHWAYS DEPARTMENT
主要工程管理處 (專業事務)
Major Works Project Management Office (Special Duties)

CONSULTANT
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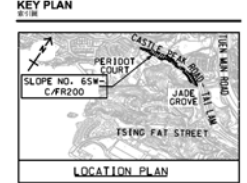
SUB-CONSULTANTS

ISSUE/REVISION

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10	REVISED			

STATUS

SCALE
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PROJECT NO. 60240249
CONTRACT NO. HY/2021/13

SHEET TITLE
TREE PLANTING PLAN FOR SLOPE NO. 6SW-C/FR200 AT CASTLE PEAK ROAD, TUEN MUN

SHEET NUMBER
60240249/C/1038

PROJECT

**TUEN MUN -
CHEK LAP KOK LINK**

CONTRACT TITLE
**PROVISION OF REMAINING
COMPENSATION TREE PLANTING
FOR THE TUEN MUN -
CHEK LAP KOK LINK PROJECT**

CLIENT



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ISSUE/REVISION

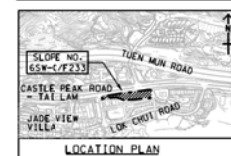
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STATUS

SCALE DIMENSION UNIT

A3 1:500

KEY PLAN



PROJECT NO.

60240249

CONTRACT NO.

HY/2021/13

SHEET TITLE

**TREE PLANTING PLAN FOR
SLOPE NO.6SW-C/F233 AT
CASTLE PEAK ROAD -
TAI LAM, TUEN MUN**

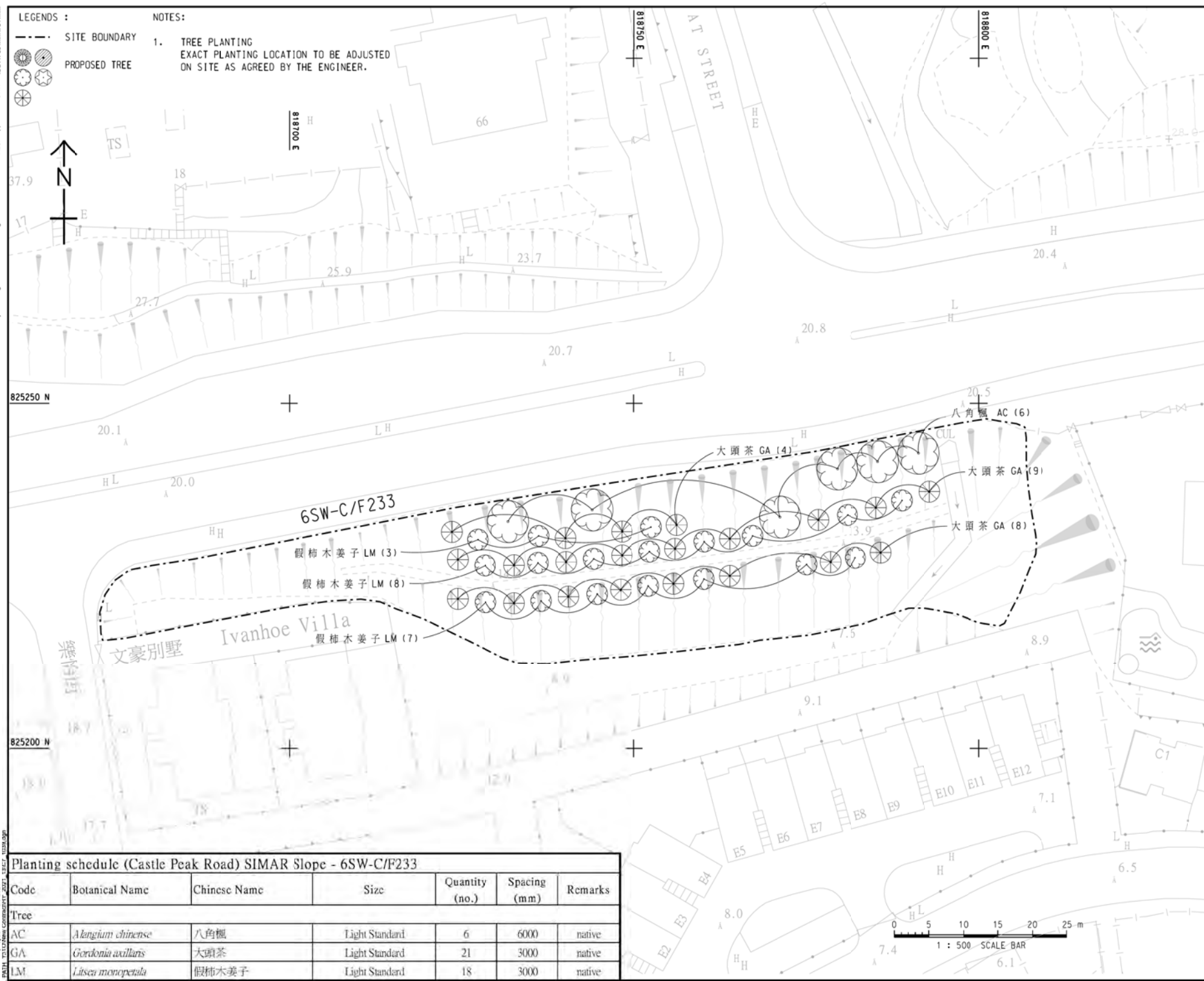
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60240249/C/1039

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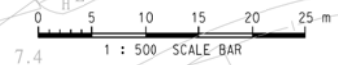
- LEGENDS :**
- SITE BOUNDARY
 - PROPOSED TREE

- NOTES:**
- TREE PLANTING EXACT PLANTING LOCATION TO BE ADJUSTED ON SITE AS AGREED BY THE ENGINEER.



Planting schedule (Castle Peak Road) SIMAR Slope - 6SW-C/F233

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
Tree						
AC	<i>Alangium chinense</i>	八角楓	Light Standard	6	6000	native
GA	<i>Gordonia axillaris</i>	大頭茶	Light Standard	21	3000	native
LM	<i>Litsea monopetala</i>	假柿木姜子	Light Standard	18	3000	native



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NO.	DESCRIPTION	DATE	BY	CHECKED
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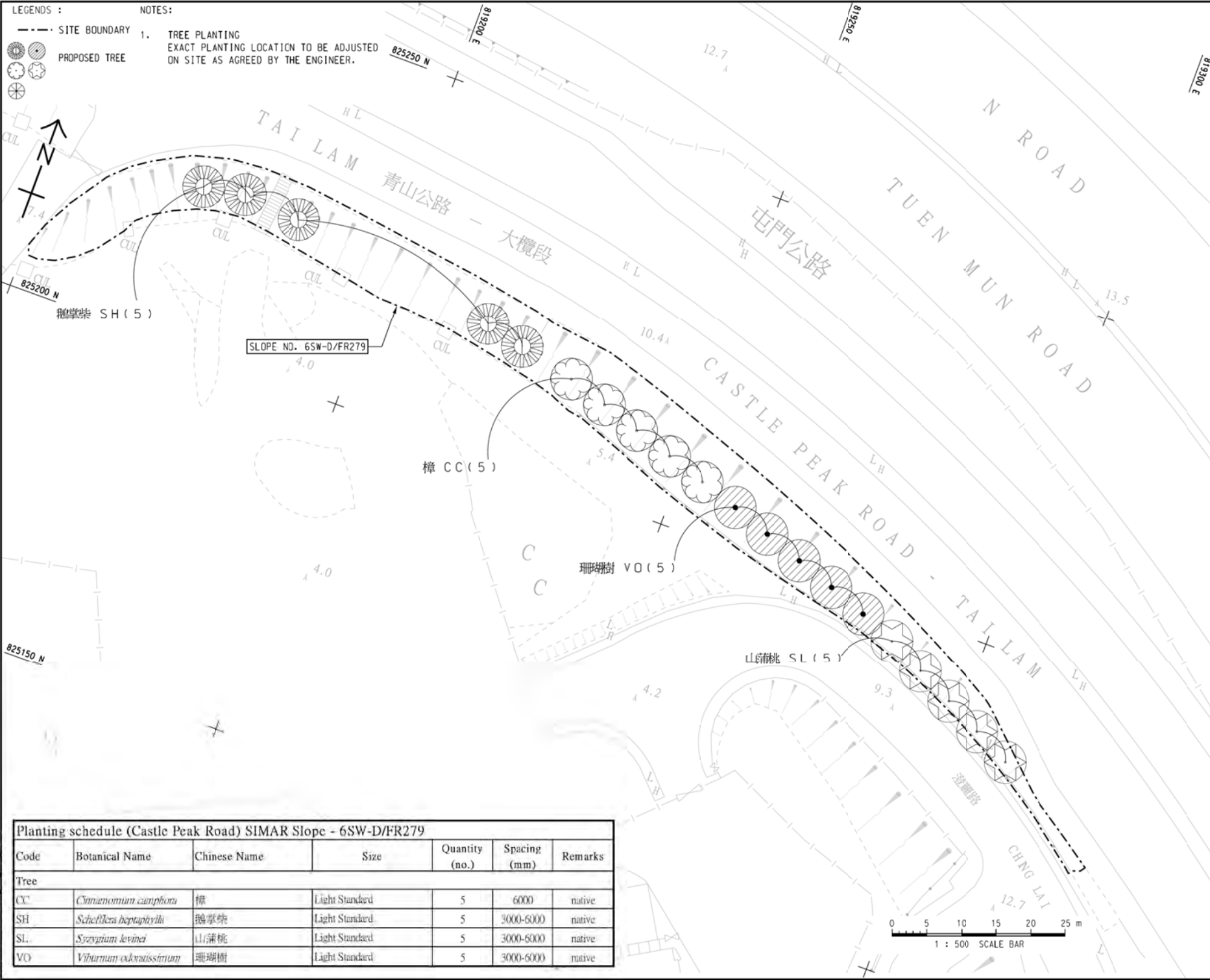


LEGENDS :

- SITE BOUNDARY
- PROPOSED TREE

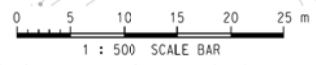
NOTES:

1. TREE PLANTING
EXACT PLANTING LOCATION TO BE ADJUSTED
ON SITE AS AGREED BY THE ENGINEER.



Planting schedule (Castle Peak Road) SIMAR Slope - 6SW-D/FR279

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
Tree						
CC	<i>Cinnamomum camphora</i>	樟	Light Standard	5	6000	native
SH	<i>Schefflera heptaphylli</i>	鵝掌柴	Light Standard	5	3000-6000	native
SL	<i>Syzygium levinei</i>	山蒲桃	Light Standard	5	3000-6000	native
VO	<i>Viburnum odoratissimum</i>	珊瑚樹	Light Standard	5	3000-6000	native



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- LEGENDS :**
- SITE BOUNDARY
 - PROPOSED TREE

- NOTES:**
- TREE PLANTING EXACT PLANTING LOCATION TO BE ADJUSTED ON SITE AS AGREED BY THE ENGINEER.



824300 N

820000 E

6.0 A

SLOPE NO. 6SW-D/FR320

裂斗錐栗 CF (1)

梭羅樹 RT (3)

八角楓 AC (3)

裂斗錐栗 CF (1)

小果鐵冬青 IR (2)

八角楓 AC (1)

梭羅樹 RT (2)

小果鐵冬青 IR (6)

梭羅樹 RT (4)

裂斗錐栗 CF (1)

小果鐵冬青 IR (4)

裂斗錐栗 CF (1)

八角楓 AC (1)

裂斗錐栗 CF (1)

OTHERS POINT
(TAI LAM KOK)

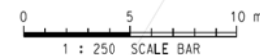
青山公路

大龍峽

屯門公路

TUEN MUN ROAD

820050 E



Planting schedule (Castle Peak Road) SIMAR Slope - 6SW-D/FR320

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
Tree						
AC	<i>Alangium chinense</i>	八角楓	Light Standard	5	6000	native
CF	<i>Castanopsis fissa</i>	裂斗錐栗	Light Standard	5	6000	native
IR	<i>Ilex rounda var. microcarpa</i>	小果鐵冬青	Light Standard	12	3000	native
RT	<i>Reevesia thyrsoides</i>	梭羅樹	Light Standard	9	3000	native

NO.	DATE	DESCRIPTION	CHK.
1	2021/07/14	TENDER DRAWING	CWN



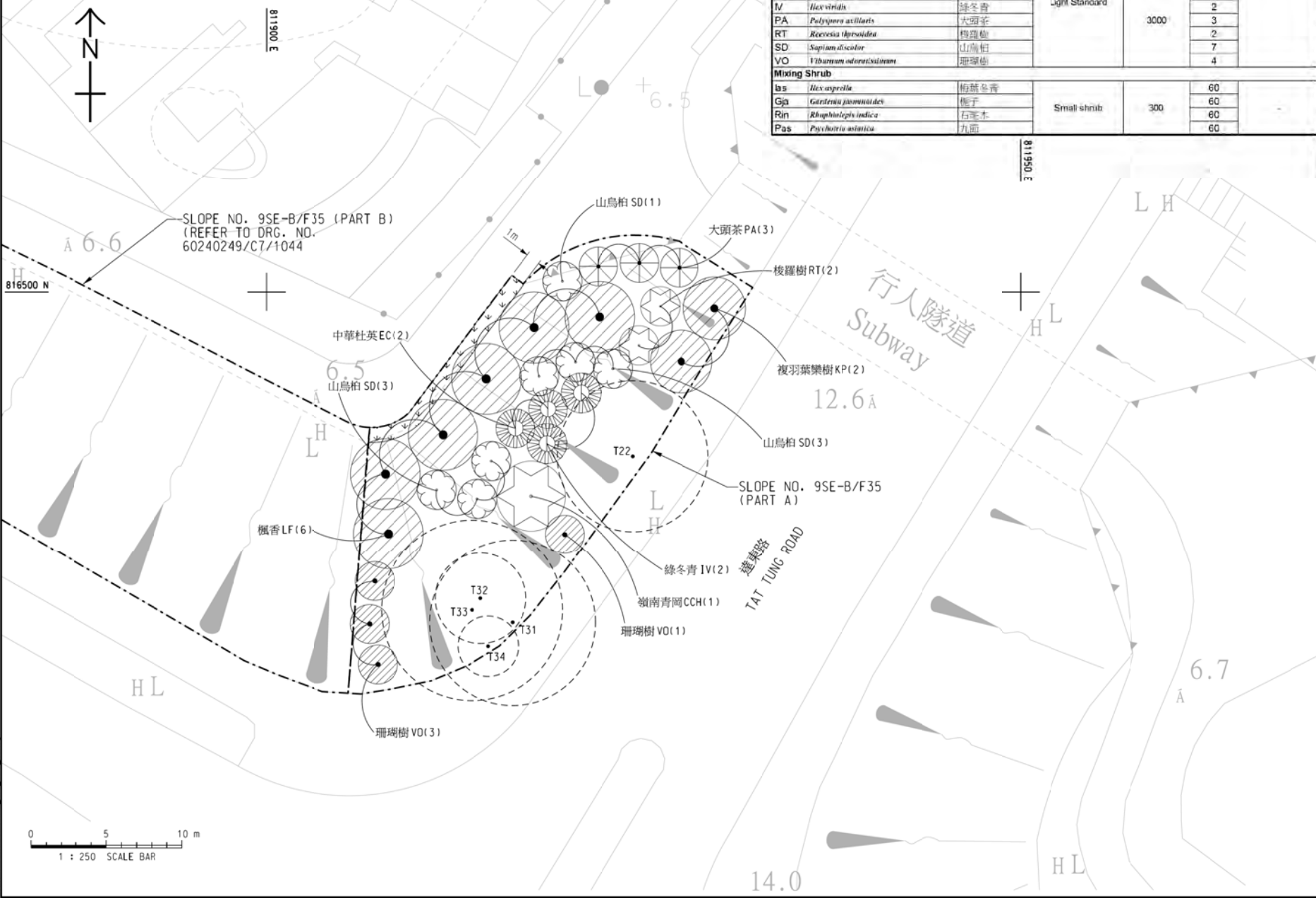
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LEGEND :

- SITE BOUNDARY
- TREE TO BE RETAINED
- PROPOSED TREE
- MIXING SHRUB

- NOTES:**
1. TREE PLANTING EXACT PLANTING LOCATION TO BE ADJUSTED ON SITE AS AGREED BY THE ENGINEER.
 2. SHRUB PLANTING EACH SPECIES TO BE PLANTED IN CLUSTER OF 20-30 NUMBERS.

Planting Schedule (Tat Tung Road) SIMAR Slope - 9SE-B/F35 (Part A)						
Code	Botanical Name	Chinese Name	Size	Spacing (mm)	Quantity (no.)	Remarks
Feature Tree						
LF	<i>Liquidambar formosana</i>	楓香	Light Standard	5000 or As shown	6	-
Tree						
KP	<i>Koeberlinia paniculata</i>	複羽葉欖樹	Light Standard	4000 or As shown	2	
CCH	<i>Cyclobalanopsis changi</i>	嶺南青岡			1	
EC	<i>Elaeocarpus chinensis</i>	中華杜英			2	
IV	<i>Ilex viridis</i>	綠冬青			2	
PA	<i>Polyporus aciliatis</i>	大頭茶			3	
RT	<i>Ravensia thyrsoidea</i>	梭羅樹	2			
SD	<i>Sapium discolor</i>	山烏桕	7			
VO	<i>Viburnum odoratissimum</i>	珊瑚樹	4			
Mixing Shrub						
Is	<i>Ilex asprella</i>	梅葉冬青	Small shrub	300	60	
Gja	<i>Gardenia jasminoides</i>	梔子			60	
Rin	<i>Rhaphitaphy indica</i>	石栗木			60	
Pas	<i>Psychotria asiatica</i>	九節			60	



AECOM

PROJECT
TUEN MUN - CHEK LAP KOK LINK

CONTRACT TITLE
PROVISION OF REMAINING COMPENSATION TREE PLANTING FOR THE TUEN MUN - CHEK LAP KOK LINK PROJECT

CLIENT

CONSULTANT
 AECOM Asia Company Ltd.
 www.aecom.com

SUB-CONSULTANTS

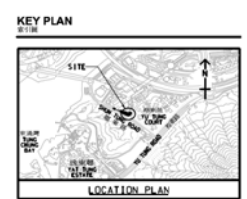
ISSUE/REVISION

NO.	DESCRIPTION	DATE	BY	CHECKED

SER 21 TENDER DRAWING CWN
 DATE DESCRIPTION CHK
 13/08/2021 13/08/2021

STATUS

SCALE DIMENSION UNIT
 A3 1:250



PROJECT NO. 60240249 CONTRACT NO. HY/2021/13

SHEET TITLE
TREE AND SHRUB PLANTING PLAN FOR SLOPE NO.9SE-B/F35 (PART A) AT TAT TUNG ROAD, TUNG CHUNG

SHEET NUMBER
60240249/C7/1043

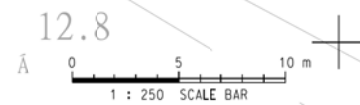
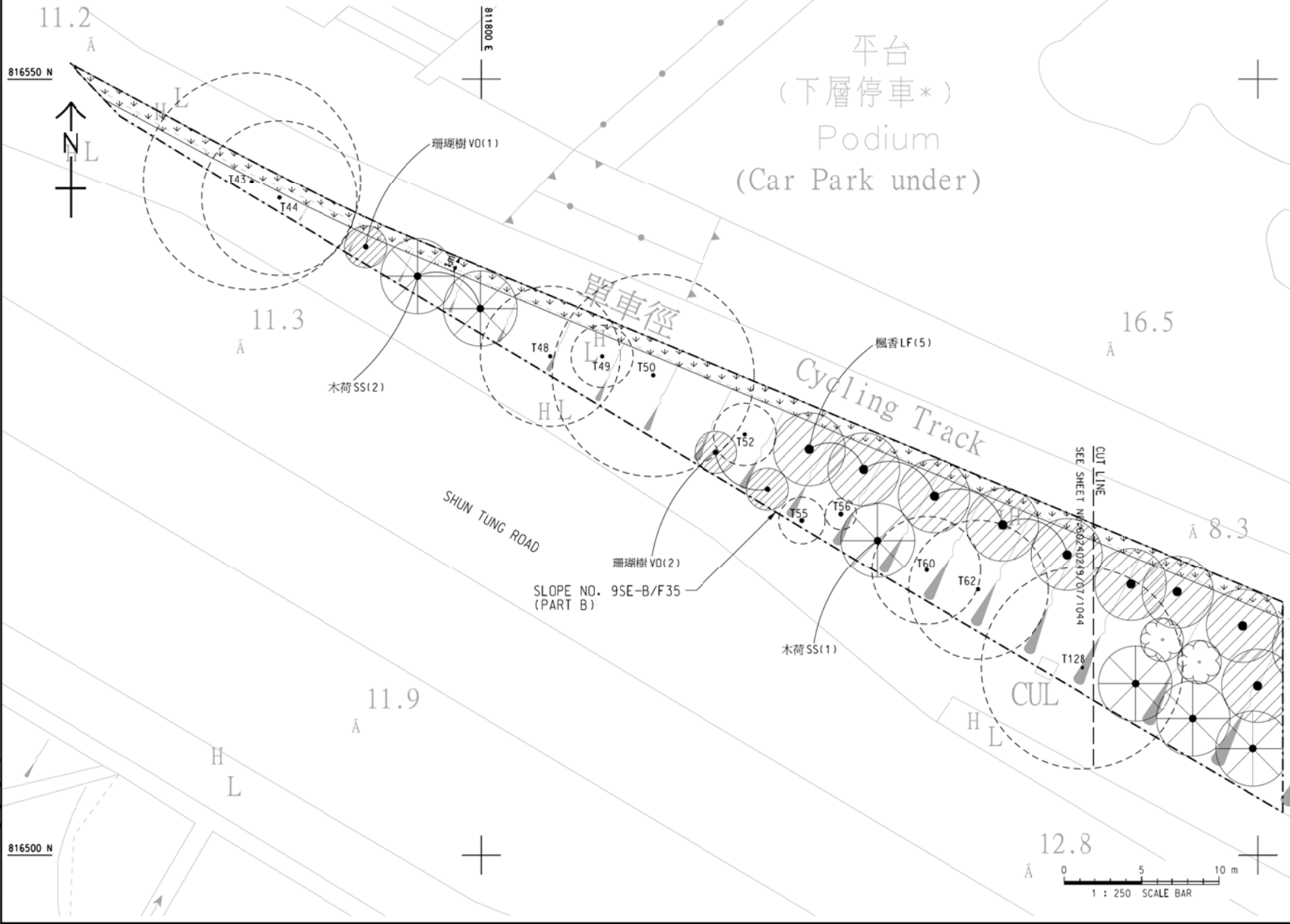
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LEGEND :

- SITE BOUNDARY
- TREE TO BE RETAINED
- PROPOSED TREE
- ◀ MIXING SHRUB

NOTES:

1. TREE PLANTING
EXACT PLANTING LOCATION TO BE ADJUSTED ON SITE AS AGREED BY THE ENGINEER.
2. SHRUB PLANTING
EACH SPECIES TO BE PLANTED IN CLUSTER OF 20-30 NUMBERS.
3. PLANTING SCHEDULE REFER TO DRAWING NO.60240249/C7/1044



PROJECT
TUEN MUN -
CHEK LAP KOK LINK

CONTRACT TITLE
PROVISION OF REMAINING
COMPENSATION TREE PLANTING
FOR THE TUEN MUN -
CHEK LAP KOK LINK PROJECT

CLIENT
路政署
HIGHWAYS DEPARTMENT
主要工程管理處 (專業事務)
Major Works Project Management Office
(Special Duties)

CONSULTANT
AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS

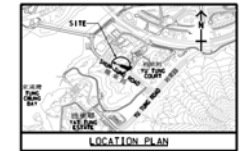
ISSUE/REVISION

NO.	DATE	DESCRIPTION	CHK.
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STATUS

SCALE
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DIMENSION UNIT
METERS

KEY PLAN

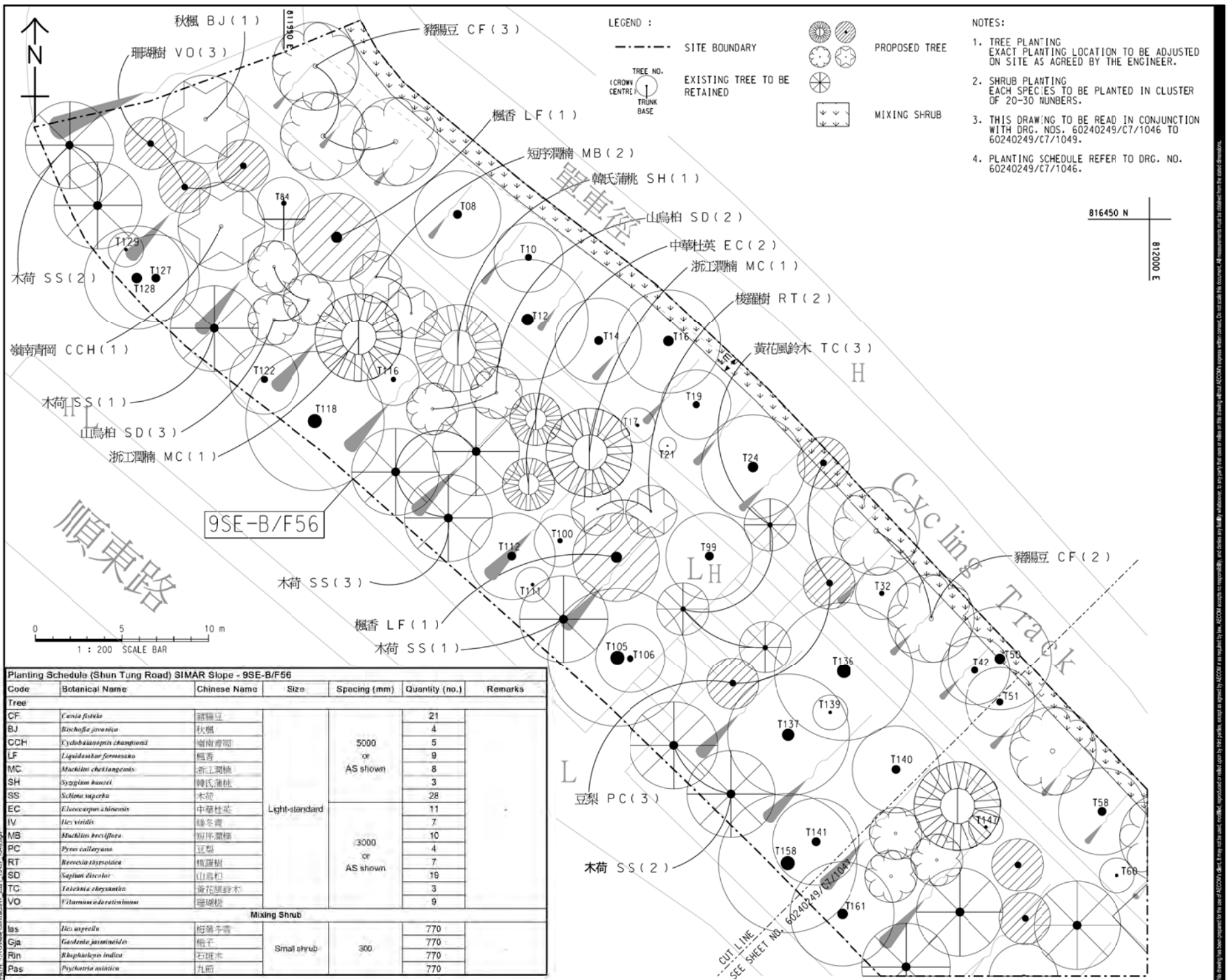


PROJECT NO.
60240249
CONTRACT NO.
HY/2021/13

SHEET TITLE
TREE AND SHRUB PLANTING PLAN
FOR SLOPE NO.9SE-B/F35 (PART B)
AT TAI TUNG ROAD, TUNG CHUNG
SHEET 2 OF 2

SHEET NUMBER
60240249/C7/1045

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LEGEND :

- SITE BOUNDARY
- TREE NO. (CROWN CENTRE) TRUNK BASE
- EXISTING TREE TO BE RETAINED
- PROPOSED TREE
- MIXING SHRUB

NOTES:

1. TREE PLANTING LOCATION TO BE ADJUSTED ON SITE AS AGREED BY THE ENGINEER.
2. SHRUB PLANTING EACH SPECIES TO BE PLANTED IN CLUSTER OF 20-30 NUMBERS.
3. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRG. NOS. 60240249/C7/1046 TO 60240249/C7/1049.
4. PLANTING SCHEDULE REFER TO DRG. NO. 60240249/C7/1046.

AECOM

PROJECT
TUEN MUN - CHEK LAP KOK LINK

CONTRACT TITLE
PROVISION OF REMAINING COMPENSATION TREE PLANTING FOR THE TUEN MUN - CHEK LAP KOK LINK PROJECT

CLIENT
路政署 HIGHWAYS DEPARTMENT
主要工程管理處 (專業事務) Major Works Project Management Office (Special Duties)

CONSULTANT
AECOM Asia Company Ltd.
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SR DATE DESCRIPTION CHK. 21 TENDER DRAWING CWN

STATUS

SCALE DIMENSION UNIT
A3 1:200 METERS



PROJECT NO. CONTRACT NO.
60240249 HY/2021/13

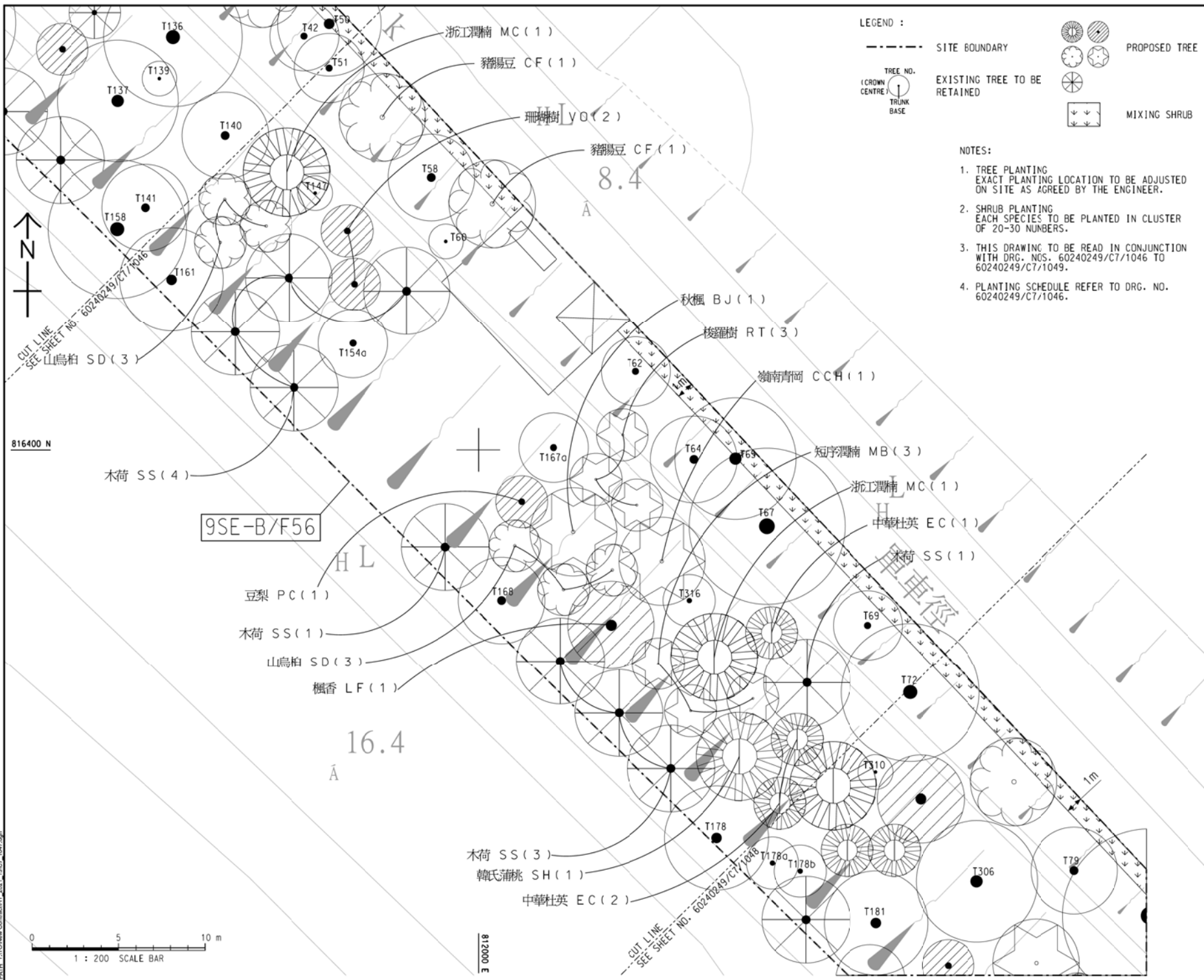
SHEET TITLE
TREE AND SHRUB PLANTING PLAN FOR SLOPE NO.9SE-B/F56 AT SHUNTUNG ROAD, TUNG CHUNG SHEET 1 OF 4

SHEET NUMBER
60240249/C7/1046

Planting Schedule (Shun Tung Road) SIMAR Slope - 9SE-B/F56

Code	Botanical Name	Chinese Name	Size	Spacing (mm)	Quantity (no.)	Remarks
Tree						
CF	<i>Cassia fistula</i>	豬腸豆	Light-standard	5000 or AS shown	21	
BJ	<i>Bischofia javanica</i>	秋楓			4	
CCH	<i>Cydonia sinensis</i>	嶺南青岡			5	
LF	<i>Liquidambar formosana</i>	楓香			9	
MC	<i>Machilus chekiangensis</i>	浙江潤楠			8	
SH	<i>Syzygium hancei</i>	韓氏蒲桃			3	
SS	<i>Schinus molle</i>	木荷		28		
EC	<i>Elaeagnus argentea</i>	中華杜英		11		
IV	<i>Ilex viridis</i>	綠冬青		7		
MB	<i>Machilus breviflora</i>	短序潤楠		10	3000	
PC	<i>Persea calleryana</i>	豆梨		4	AS shown	
RT	<i>Reevesia thrysoidea</i>	梭羅樹		7		
SD	<i>Sapium discolor</i>	山烏桕	19			
TC	<i>Faehnia chrysantha</i>	黃花風鈴木	3			
VO	<i>Viburnum odoratissimum</i>	珊瑚樹	9			
Mixing Shrub						
Is	<i>Ilex asprella</i>	梅冬青	Small shrub	300	770	
Gja	<i>Gardenia jasminoides</i>	梔子			770	
Rin	<i>Rapanea indica</i>	石斑木			770	
Pa	<i>Psychotria asiatica</i>	九節			770	

CUT LINE SEE SHEET NO. 60240249/C7/1049



LEGEND :

- SITE BOUNDARY
- (CROWN CENTRE) TREE NO. TRUNK BASE
- (CROWN CENTRE) EXISTING TREE TO BE RETAINED
- (CROWN CENTRE) PROPOSED TREE
- MIXING SHRUB

NOTES:

1. TREE PLANTING EXACT PLANTING LOCATION TO BE ADJUSTED ON SITE AS AGREED BY THE ENGINEER.
2. SHRUB PLANTING EACH SPECIES TO BE PLANTED IN CLUSTER OF 20-30 NUMBERS.
3. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRG. NOS. 60240249/C7/1046 TO 60240249/C7/1049.
4. PLANTING SCHEDULE REFER TO DRG. NO. 60240249/C7/1046.

AECOM

PROJECT
TUEN MUN - CHEK LAP KOK LINK

CONTRACT TITLE
 PROVISION OF REMAINING COMPENSATION TREE PLANTING FOR THE TUEN MUN - CHEK LAP KOK LINK PROJECT

CLIENT

 路政署 HIGHWAYS DEPARTMENT
 主要工程管理處 (專責事務) Major Works Project Management Office (Special Duties)

CONSULTANT

 AECOM Asia Company Ltd.
 www.aecom.com

SUB-CONSULTANTS
 亞細亞建築師有限公司

ISSUE/REVISION

NO.	DATE	DESCRIPTION	CHK.
1	13/03/2021	ISSUE FOR TENDER DRAWING	CWN

STATUS

SCALE DIMENSION UNIT
 A3 1:200 1:200 (1:200)

KEY PLAN



PROJECT NO. 60240249 CONTRACT NO. HY/2021/13

SHEET TITLE
 TREE AND SHRUB PLANTING PLAN FOR SLOPE NO.9SE-B/F56 AT SHUN TUNG ROAD, TUNG CHUNG SHEE 2 OF 4

SHEET NUMBER
 60240249/C7/1047

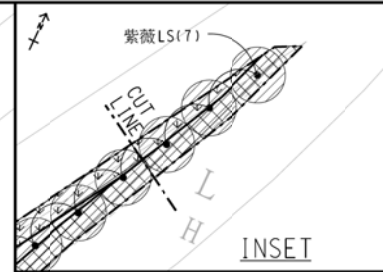
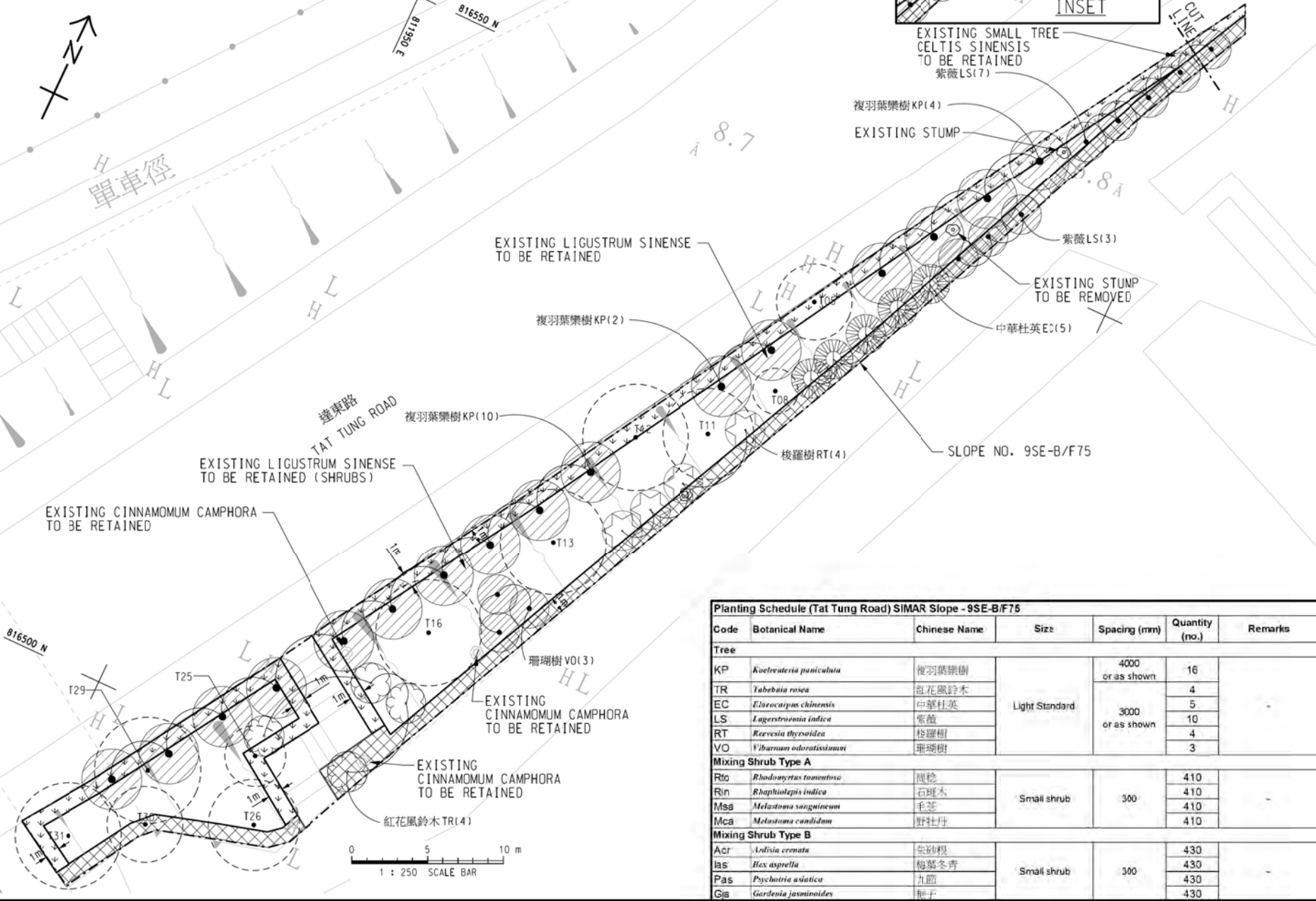
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LEGEND :

- SITE BOUNDARY
- EXISTING STUMP TO BE REMOVED
- TREE TO BE RETAINED
- PROPOSED TREE
- MIXING SHRUB TYPE A
- MIXING SHRUB TYPE B

NOTES:

- TREE PLANTING EXACT PLANTING LOCATION TO BE ADJUSTED ON SITE AS AGREED BY THE ENGINEER.
- SHRUB PLANTING EACH SPECIES TO BE PLANTED IN CLUSTER OF 20-30 NUMBERS.



Planting Schedule (Tat Tung Road) SIMAR Slope - 9SE-B/F75

Code	Botanical Name	Chinese Name	Size	Spacing (mm)	Quantity (no.)	Remarks
Tree						
KP	<i>Koeleria paniculata</i>	複羽葉樂樹		4000	16	or as shown
TR	<i>Tabebuia rosea</i>	紅花風鈴木			4	
EC	<i>Elaeagnus chinensis</i>	中華杜英	Light Standard		5	
LS	<i>Lagerstroemia indica</i>	紫薇		3000	10	or as shown
RT	<i>Koevesia thyrsoides</i>	椴羅樹			4	
VO	<i>Viburnum odoratissimum</i>	珊瑚樹			3	
Mixing Shrub Type A						
Rto	<i>Rhodomyrtus tomentosa</i>	圓穗			410	
Rin	<i>Raphirolepis indica</i>	石斑木			410	
Msa	<i>Melastoma sanguineum</i>	毛蕊	Small shrub	300	410	
Mca	<i>Melastoma candidum</i>	野牡丹			410	
Mixing Shrub Type B						
Acr	<i>Ardisia crenata</i>	柴榔椏			430	
las	<i>Hex asprella</i>	梅萼冬青	Small shrub	300	430	
Pas	<i>Psychotria asiatica</i>	九節			430	
Gis	<i>Gardenia jasminoides</i>	梔子			430	

AECOM

PROJECT
TUEN MUN - CHEK LAP KOK LINK

CONTRACT TITLE
PROVISION OF REMAINING COMPENSATION TREE PLANTING FOR THE TUEN MUN - CHEK LAP KOK LINK PROJECT

CLIENT

CONSULTANT
 AECOM Asia Company Ltd.
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SUB-CONSULTANTS

ISSUE/REVISION

NO.	DESCRIPTION	DATE	BY	CHECKED
1				

STATUS

NO.	DESCRIPTION	DATE	BY	CHECKED
1	ISSUED FOR TENDER DRAWING			

SCALE
A3 1:250

DIMENSION UNIT
METER

KEY PLAN

PROJECT NO. 60240249
CONTRACT NO. HY/2021/13

SHEET TITLE
TREE AND SHRUB PLANTING PLAN FOR SLOPE NO.9SE-B/F75 AT TAT TUNG ROAD, TUNG CHUNG

SHEET NUMBER
60240249/C7/1051

GENERAL NOTES :

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRG. NO. HLANT1509-LA2001 TO LA2014.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
3. PLANTING TO SUIT EXISTING RETAINED TREES, SHRUBS.
4. ALL NEW PLANT MATERIALS SHALL BE GROWN AND SUPPLIED IN CONTAINERS WITH APPROPRIATE SIZE AND FREE FROM PEST AND DISEASE.
5. THE SETTING OUT OF TREE PLANTING LOCATIONS SHALL BE AGREED BY THE GOVERNMENT REPRESENTATIVES ON-SITE BEFORE PLANTING.
6. ACTUAL PLANTING LOCATION TO BE CONFIRMED AND ADJUSTED ON SITE AS INSTRUCTED BY THE GOVERNMENT REPRESENTATIVE.
7. SITE CLEARANCE, GRASS CUTTING AND WEEDING TO BE ARRANGED PRIOR TO PLANTING.
8. APPROPRIATE SOIL CONDITIONER, FERTILIZER, AND MULCHING SHALL BE APPLIED TO EACH EXCAVATED PLANTING HOLES PRIOR TO PLANTING.

Sheet no.	Sheet Name
LA1001	General Notes and Location Plan
LA2001	Tree Planting Plan - Slope No. 10NW-D/FR89 (Page 1 of 3)
LA2002	Tree Planting Plan - Slope No. 10NW-D/FR89 (Page 2 of 3)
LA2003	Tree Planting Plan - Slope No. 10NW-D/FR89 (Page 3 of 3)
LA2004	Tree Planting Plan - Slope No. 10NW-D/FR90 (Page 1 of 1)
LA2005	Tree Planting Plan - Slope No. 10NW-D/F88 (Page 1 of 2)
LA2006	Tree Planting Plan - Slope No. 10NW-D/F88 (Page 2 of 2)
LA2007	Tree Planting Plan - Slope No. 10NW-D/F86 (Page 1 of 2)
LA2008	Tree Planting Plan - Slope No. 10NW-D/F86 (Page 2 of 2)
LA2009	Tree Planting Plan - Slope No. 10NE-C/F4 (Page 1 of 2)
LA2010	Tree Planting Plan - Slope No. 10NE-C/F4 (Page 2 of 2)
LA2011	Tree Planting Plan - Slope No. 10NE-C/F5 (Page 1 of 2)
LA2012	Tree Planting Plan - Slope No. 10NE-C/F5 (Page 2 of 2)
LA2013	Tree Planting Specification (Sheet 1 of 2)
LA2014	Tree Planting Specification (Sheet 2 of 2)

LEGEND :

- SLOPE BOUNDARY
- ☒ PLANTING AREA A
(SLOPE NO. 10NW-D/FR89,
10NW-D/FR90, 10NW-D/F88,
10NW-D/F86)
- ▨ PLANTING AREA B
(SLOPE NO. 10NE-C/F4)
- ☒ PLANTING AREA C
(SLOPE NO. 10NE-C/F5)
- ☒ PLANTING AREA D
(SLOPE NO. 10NW-D/F88)

A no.	6/21 date	General Revision description	SIGNED initial

REVISION			
	name	initial	date
designed	W.S. WONG	SIGNED	JAN 21
drawn	M.K. OR	SIGNED	JAN 21
checked	W.H. KWOK	SIGNED	JAN 21

approved	SIGNED		
	W.F. YAU		JAN 21
	Senior Landscape Architect		Date

contract no.	Hy(S)0/088/2020
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file no.	-
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project no.	
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contract
PROVISION OF ECOLOGICAL
ENHANCEMENT PLANTING AND
YARD WASTE RECYCLING ON SLOPES
AT NORTH LANTAU ISLAND

drawing title

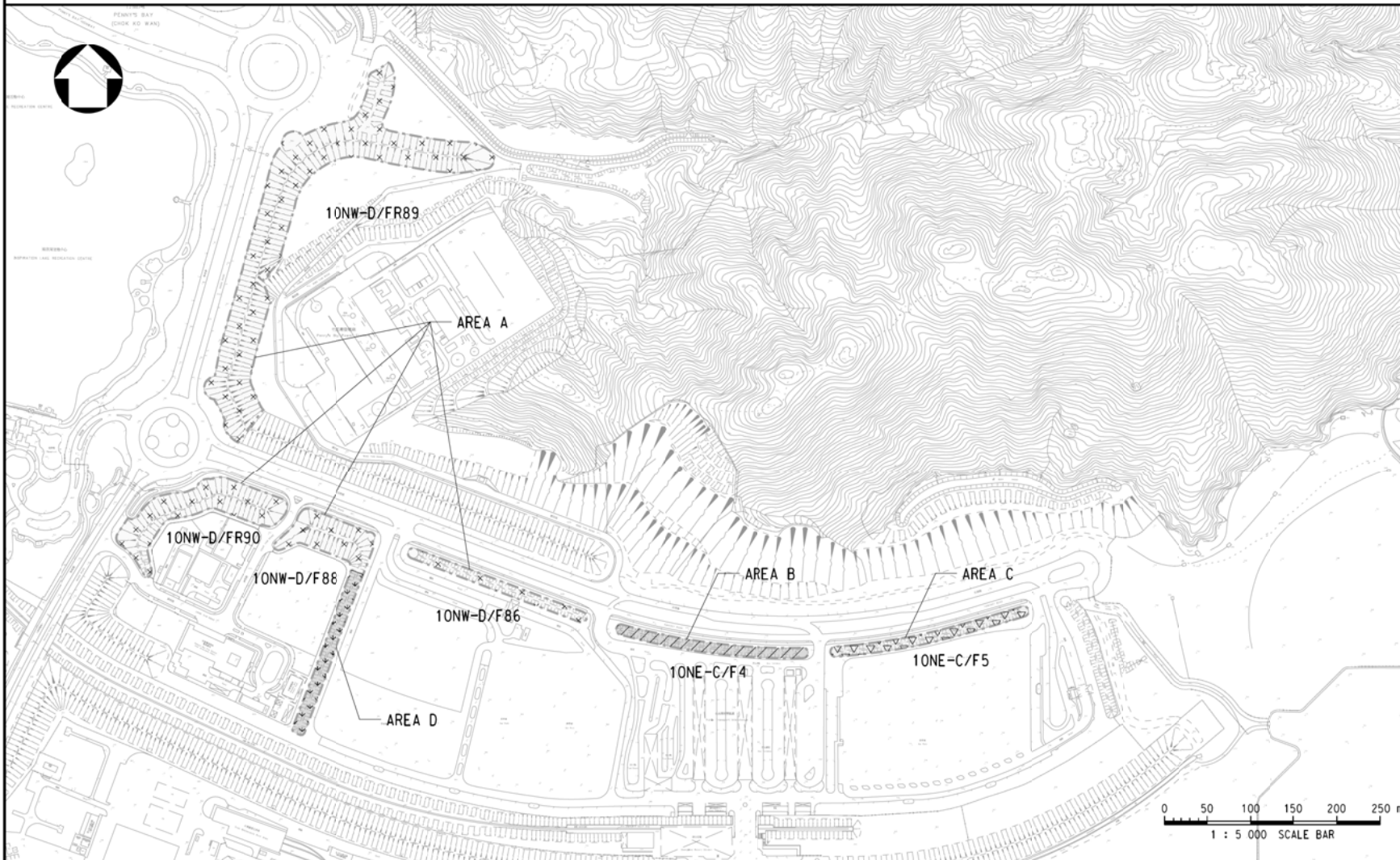
GENERAL NOTES AND
LOCATION PLAN

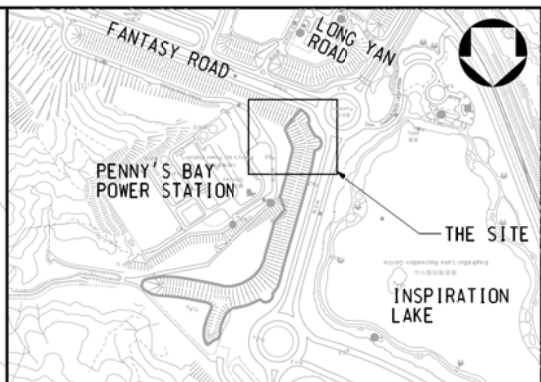
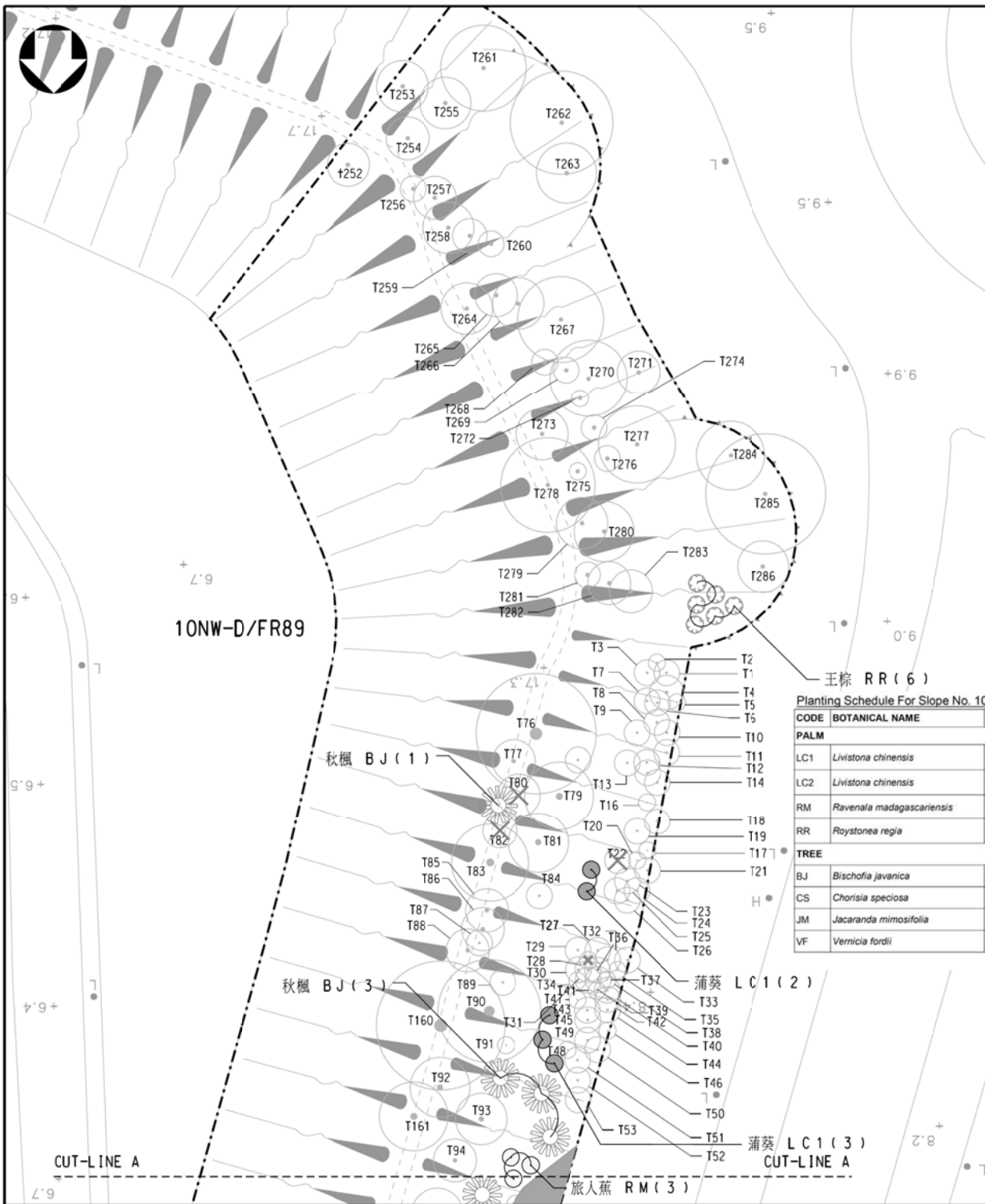
drawing no.	scale
HLANT1509-LA1001-A	1 : 5000 OR AS SHOWN

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LANDSCAPE DIVISION





LOCATION PLAN
1 : 10 000

NOTES :

- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRG. NO. HLANT1509-LA2001 TO HLANT1509-LA2014.
- NOTES OF DRAWING REFER TO HLANT1509-LA1001.

LEGEND :

- SLOPE BOUNDARY
- EXISTING TREE
- EXISTING TREE TO BE REMOVED
- PROPOSED TREE

A no.	6/21 date	General Revision description	SIGNED initial
REVISION			
		name	initial date
designed		W.S. WONG	SIGNED JAN 21
drawn		M.K. OR	SIGNED JAN 21
checked		W.H. KWOK	SIGNED JAN 21
approved		SIGNED W.F. YAU	JAN 21
		Senior Landscape Architect	Date
contract no.		Hy(S)0/088/2020	
file no.		-	
project no.		-	

Planting Schedule For Slope No. 10NW-D/FR89 (Drawing No. LA2001, LA2002 and LA2003) in Area A

CODE	BOTANICAL NAME	CHINESE NAME	SIZE	SPACING (mm)	QUANTITY	REMARKS
PALM						
LC1	<i>Livistona chinensis</i>	蒲葵	Medium Palm 1.5m(H) trunk	2300 or as shown	6	All palms shall have a minimum of 5 fronds
LC2	<i>Livistona chinensis</i>	蒲葵	Medium Palm 2.5m(H) trunk	2300 or as shown	9	
RM	<i>Ravenala madagascariensis</i>	旅人蕉	Medium Palm 2.5m(H) overall	2300 or as shown	9	
RR	<i>Roystonea regia</i>	王棕	Large Palm 3m(H) trunk	3000 or as shown	14	
TREE						
BJ	<i>Bischofia javanica</i>	秋楓	Light standard	5300 or as shown	25	All trees shall have a well-defined straight and upright leader with branches growing out from the stem with reasonable symmetry
CS	<i>Chorisia speciosa</i>	美人樹	Light standard	4000 or as shown	13	
JM	<i>Jacaranda mimosifolia</i>	藍花楸	Light standard	5300 or as shown	8	
VF	<i>Vernicia fordii</i>	油桐	Light standard	5300 or as shown	17	
TOTAL					101	

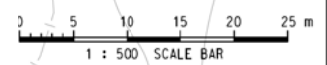
contract
PROVISION OF ECOLOGICAL
ENHANCEMENT PLANTING AND
YARD WASTE RECYCLING ON SLOPES
AT NORTH LANTAU ISLAND

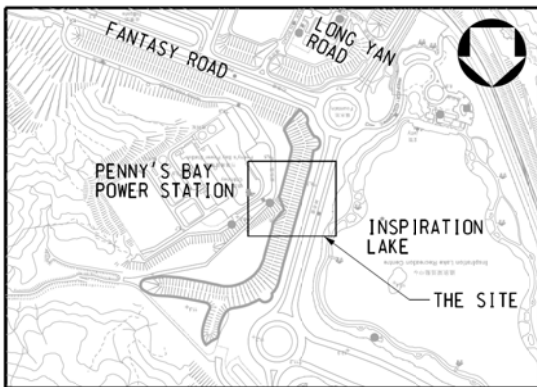
drawing title
**TREE PLANTING PLAN - SLOPE NO.
10NW-D/FR89 (AREA A)
(SHEET 1 OF 3)**

drawing no.	scale
HLANT1509-LA2001-A	1 : 500 OR AS SHOWN

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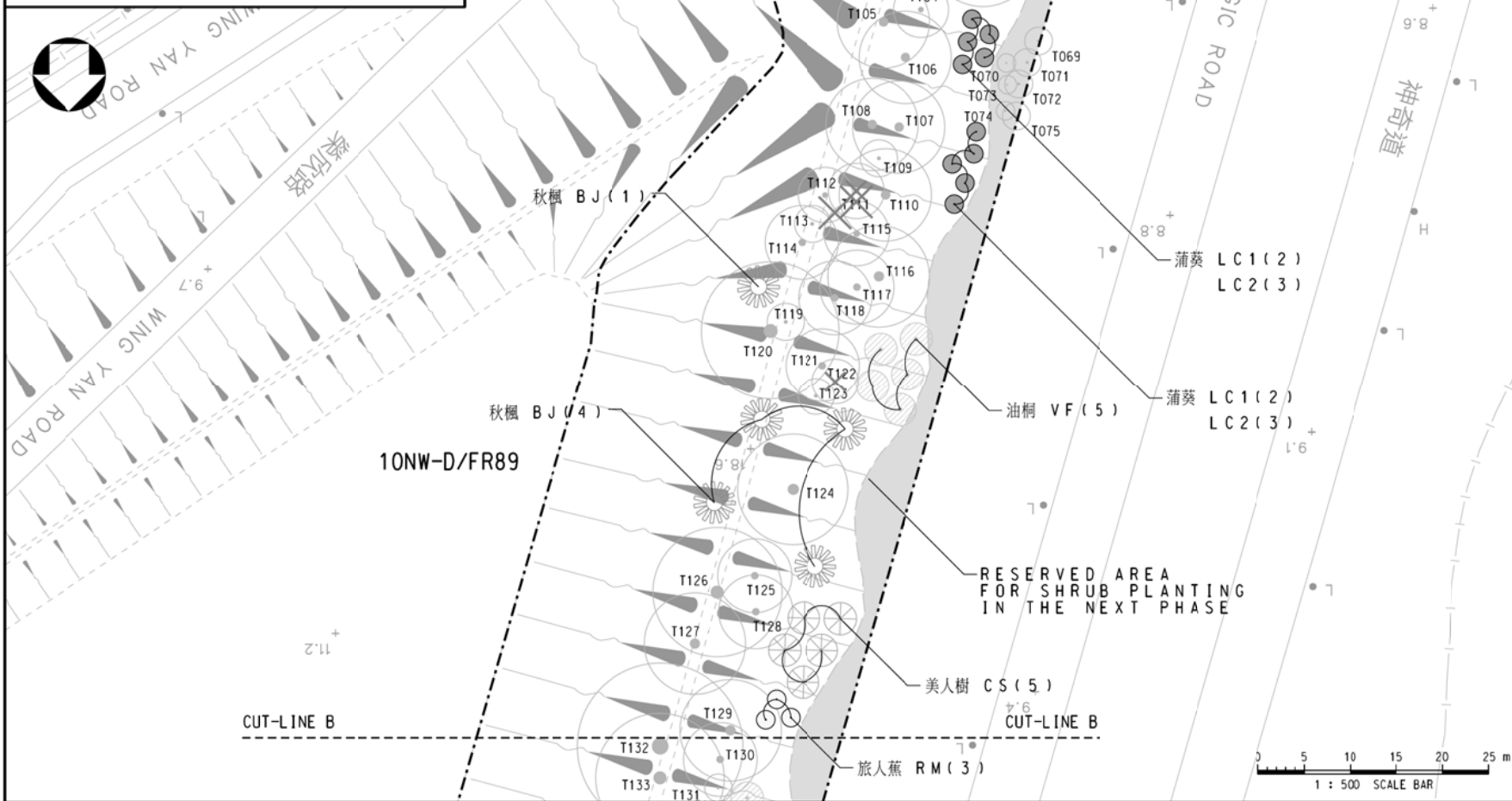


LOCATION PLAN

1 : 10 000

NOTES :

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRG. NO. HLANT1509-LA2001 TO HLANT1509-LA2014.
2. NOTES OF DRAWING REFER TO HLANT1509-LA1001.
3. PLANTING SCHEDULE REFER TO HLANT1509-LA2001.



LEGEND :

- [Dashed line] SLOPE BOUNDARY
- [Circle with dot] EXISTING TREE
- [Circle with X] EXISTING TREE TO BE REMOVED
- [Circle with cross-hatch] PROPOSED TREE

A	6/21	General Revision	SIGNED
no.	date	description	initial
REVISION			
		name	initial date
designed		W.S. WONG	SIGNED JAN 21
drawn		M.K. OR	SIGNED JAN 21
checked		W.H. KWOK	SIGNED JAN 21

approved
 SIGNED
 W.F. YAU
 Senior Landscape Architect
 Date JAN 21

contract no. Hy(S)0/088/2020

file no. -

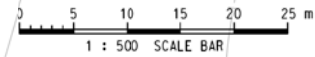
project no.
 contract
 PROVISION OF ECOLOGICAL
 ENHANCEMENT PLANTING AND
 YARD WASTE RECYCLING ON SLOPES
 AT NORTH LANTAU ISLAND

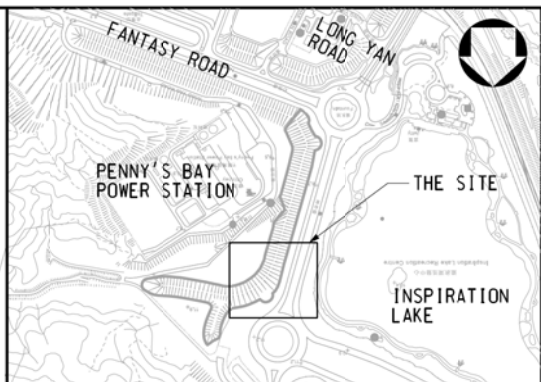
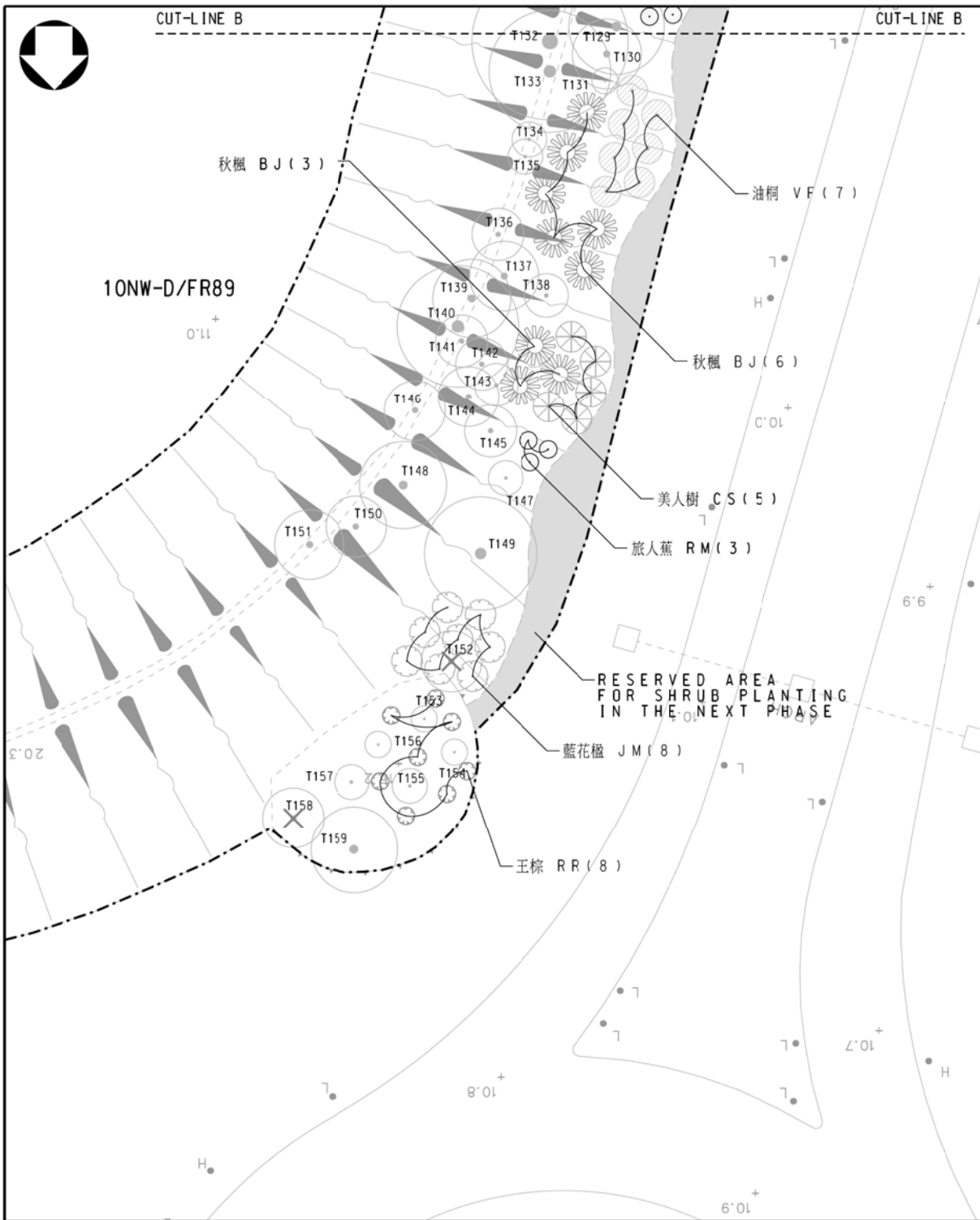
drawing title
 TREE PLANTING PLAN - SLOPE NO.
 10NW-D/FR89 (AREA A)
 (SHEET 2 OF 3)

drawing no.	scale
HLANT1509-LA2002-A	1 : 500 OR AS SHOWN

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2. NOTES OF DRAWING REFER TO HLANT1509-LA1001.
3. PLANTING SCHEDULE REFER TO HLANT1509-LA2001.

LEGEND :

- [Dashed line] SLOPE BOUNDARY
- [Circle with dot] EXISTING TREE
- [Circle with X] EXISTING TREE TO BE REMOVED
- [Circle with cross-hatch] PROPOSED TREE

A	6/21	General Revision	SIGNED
no.	date	description	initial
REVISION			
		name	initial date
designed		W.S. WONG	SIGNED JAN 21
drawn		Y.C. CHOI	SIGNED JAN 21
checked		W.H. KWOK	SIGNED JAN 21

approved
 SIGNED
 W.F. YAU
 Senior Landscape Architect
 JAN 21
 Date

contract no. Hy(S)0/088/2020

file no. -

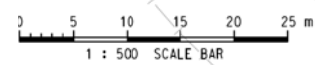
project no.
 contract
 PROVISION OF ECOLOGICAL
 ENHANCEMENT PLANTING AND
 YARD WASTE RECYCLING ON SLOPES
 AT NORTH LANTAU ISLAND

drawing title
 TREE PLANTING PLAN - SLOPE NO.
 10NW-D/FR89 (AREA A)
 (SHEET 3 OF 3)

drawing no.	scale
HLANT1509-LA2003-A	1 : 500 OR AS SHOWN

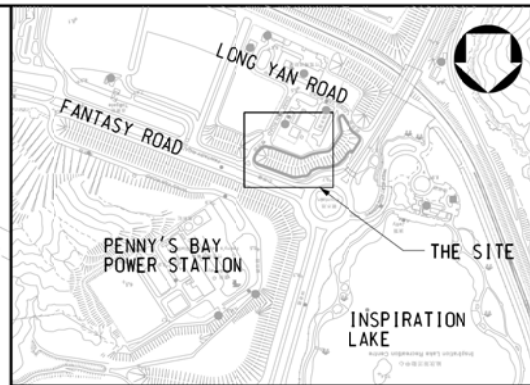
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Planting Schedule For Slope No. 10NW-D/FR90 (Drawing No. LA2004) in Area A

CODE	BOTANICAL NAME	CHINESE NAME	SIZE	SPACING (mm)	QUANTITY	REMARKS
PALM						
BN	<i>Bismarckia nobilis</i>	霸王棕	Medium Palm 3m overall height	4000 or as shown	3	All palms shall have a minimum of 5 fronds
TREE						
CF	<i>Castanopsis fissa</i>	裂斗锥栗	Light standard	5000 or as shown	11	All trees shall have a well-defined straight and upright leader with branches growing out from the stem with reasonable symmetry
CM	<i>Cyclobalanopsis myrsinifolia</i>	小葉青岡	Light standard	4000 or as shown	9	
MM	<i>Michelia maudiae</i>	深山含笑	Light standard	4000 or as shown	4	
MG	<i>Magnolia grandiflora</i>	荷花玉蘭	Light standard	4000 or as shown	7	
YD	<i>Yulania denudata</i>	白玉蘭	Light standard	4000 or as shown	11	
YS	<i>Yulania x soulangeana</i>	二喬木蘭	Light standard	4000 or as shown	13	
SPECIMEN SHRUB						
YL	<i>Yulania liliiflora</i>	紫玉蘭	1.5m(H) 1m(spread)	4000 or as shown	7	
TOTAL					65	



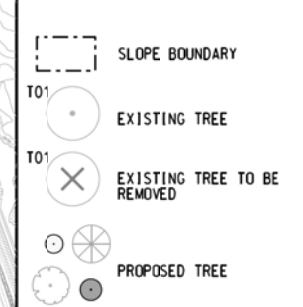
LOCATION PLAN

1 : 10 000

NOTES :

- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRG. NO. HLANT1509-LA2001 TO HLANT1509-LA2014.
- NOTES OF DRAWING REFER TO HLANT1509-LA1001.

LEGEND :



A	6/21	General Revision	SIGNED
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no.	date	description	initial
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REVISION

	name	initial	date
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designed	W.S. WONG	SIGNED	JAN 21
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drawn	M.K. OR	SIGNED	JAN 21
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checked	W.H. KWOK	SIGNED	JAN 21
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approved	SIGNED		
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	W.F. YAU		JAN 21
--	----------	--	--------

	Senior Landscape Architect		Date
--	----------------------------	--	------

contract no.	Hy(S)0/088/2020
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file no.	-
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project no.	
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contract	PROVISION OF ECOLOGICAL ENHANCEMENT PLANTING AND YARD WASTE RECYCLING ON SLOPES AT NORTH LANTAU ISLAND
----------	--

drawing title	TREE PLANTING PLAN - SLOPE NO. 10NW-D/FR90 (AREA A)
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drawing no.	HLANT1509-LA2004-A	scale	1 : 500 OR AS SHOWN
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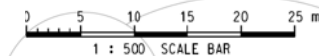
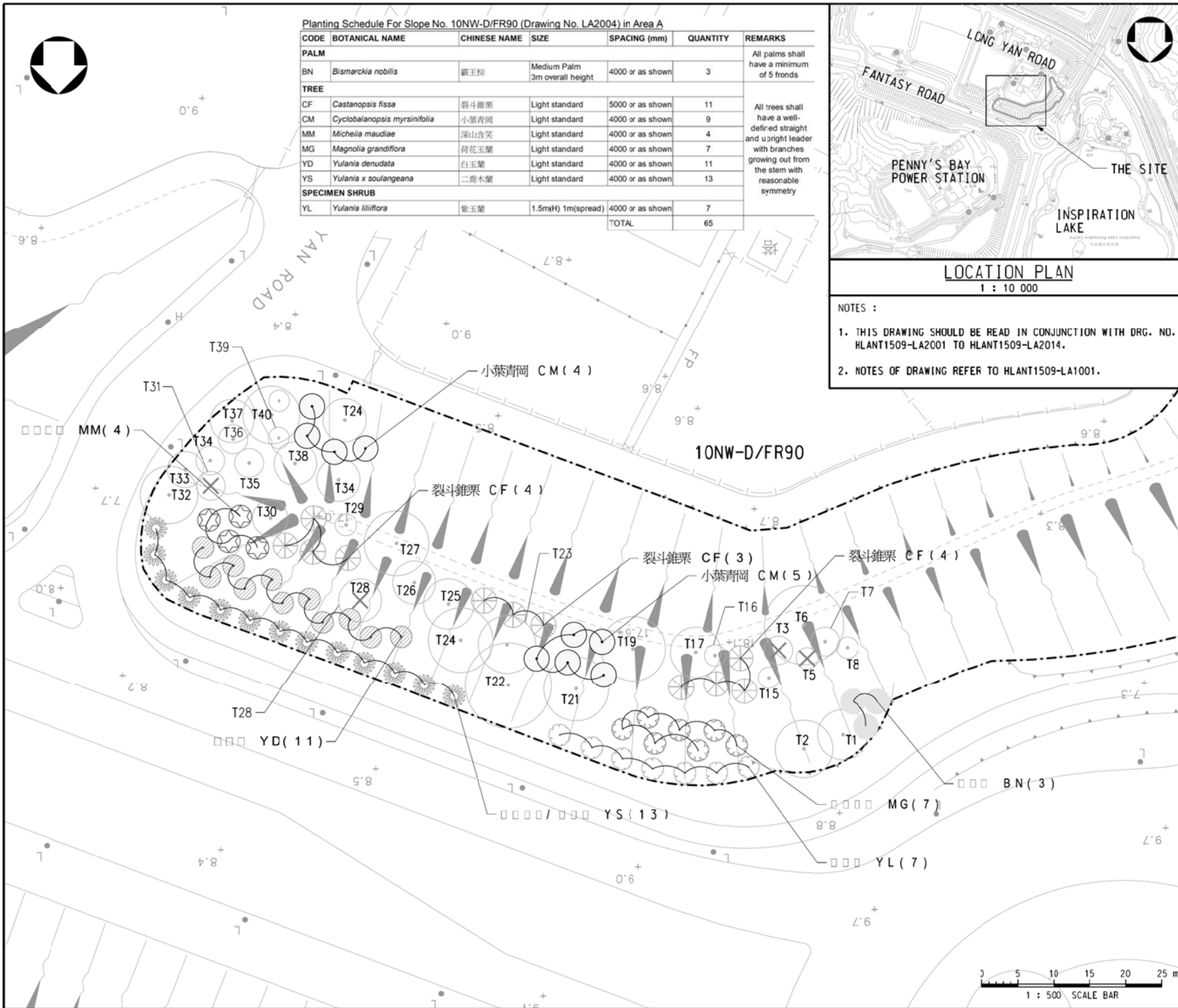
highways department	路政署
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highways department	路政署
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highways department	路政署
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highways department	路政署
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CUT-LINE A

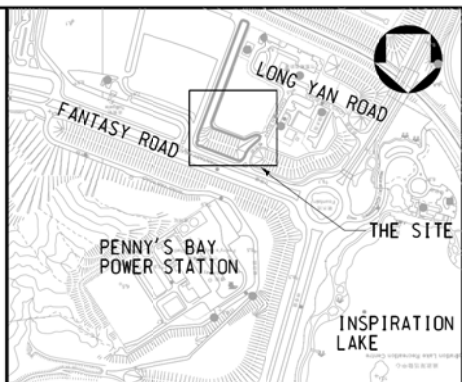
CUT-LINE A

AREA D

AREA A

10NW-D/F88

CHAK YAN ROAD



LOCATION PLAN

1 : 10 000

NOTES :

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRG. NO. HLANT1509-LA2001 TO HLANT1509-LA2015.
2. NOTES OF DRAWING REFER TO HLANT1509-LA1001.

Planting Schedule For Slope No. 10NW-D/F88 (Drawing No. LA2005 and LA2006)

CODE	BOTANICAL NAME	CHINESE NAME	SIZE	SPACING (mm)	QUANTITY	REMARKS	
TREE							
BV	<i>Bauhinia variegata</i>	宮粉羊蹄甲	Light standard	4000 or as shown	10	All trees shall have a well-defined straight and upright leader with branches growing out from the stem with reasonable symmetry	
LS	<i>Lagerstroemia speciosa</i>	大花紫薇	Light standard	4000 or as shown	6		
SL	<i>Sterculia lanceolata</i>	假蘋婆	Light standard	4000 or as shown	3		
PT	<i>Pandanus tectorius</i>	林投樹	Light standard	4000 or as shown	6		
VO	<i>Viburnum odoratissimum</i>	珊瑚樹	Light standard	4000 or as shown	4		
SPECIMEN TREE							
PR	<i>Plumeria rubra</i>	紅雞蛋花	2000mm (Height) 2000mm (Spread)	4000 or as shown	10		
					TOTAL	39	

紅雞蛋花 PR(5)

珊瑚樹 VO(4)

林投樹 PT(6)

假蘋婆 SL(3)

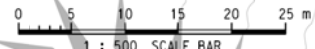
大葉紫薇 LS(3)

紅雞蛋花 PR(5)

大葉紫薇 LS(3)

宮粉洋蹄甲 BV(10)

EXISTING SHRUBS (朱蕉 CORDYLINE FRUTICOSA) TO BE PRESERVED.



LEGEND :

- SLOPE BOUNDARY
- EXISTING TREE
- EXISTING TREE TO BE REMOVED
- PROPOSED TREE
- PROPOSED SPECIMEN TREE (PLUMERIA RUBRA 紅雞蛋花)

A	6/21	General Revision	SIGNED
no.	date	description	initial
REVISION			
		name	initial date
designed		W.S. WONG	SIGNED JAN 21
drawn		Y.C. CHOI	SIGNED JAN 21
checked		L.N. CHAN	SIGNED JAN 21

approved SIGNED
 W.F. YAU
 Senior Landscape Architect Date

contract no. Hy(S)0/088/2020

file no. -

project no.

contract
 PROVISION OF ECOLOGICAL
 ENHANCEMENT PLANTING AND
 YARD WASTE RECYCLING ON SLOPES
 AT NORTH LANTAU ISLAND

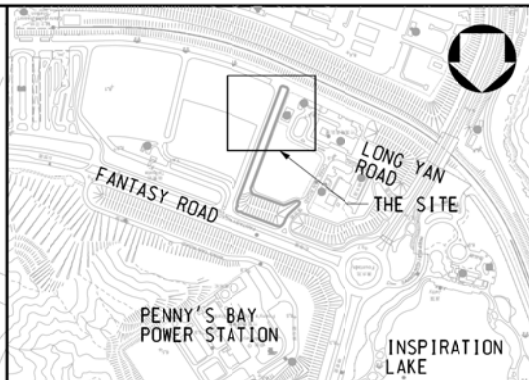
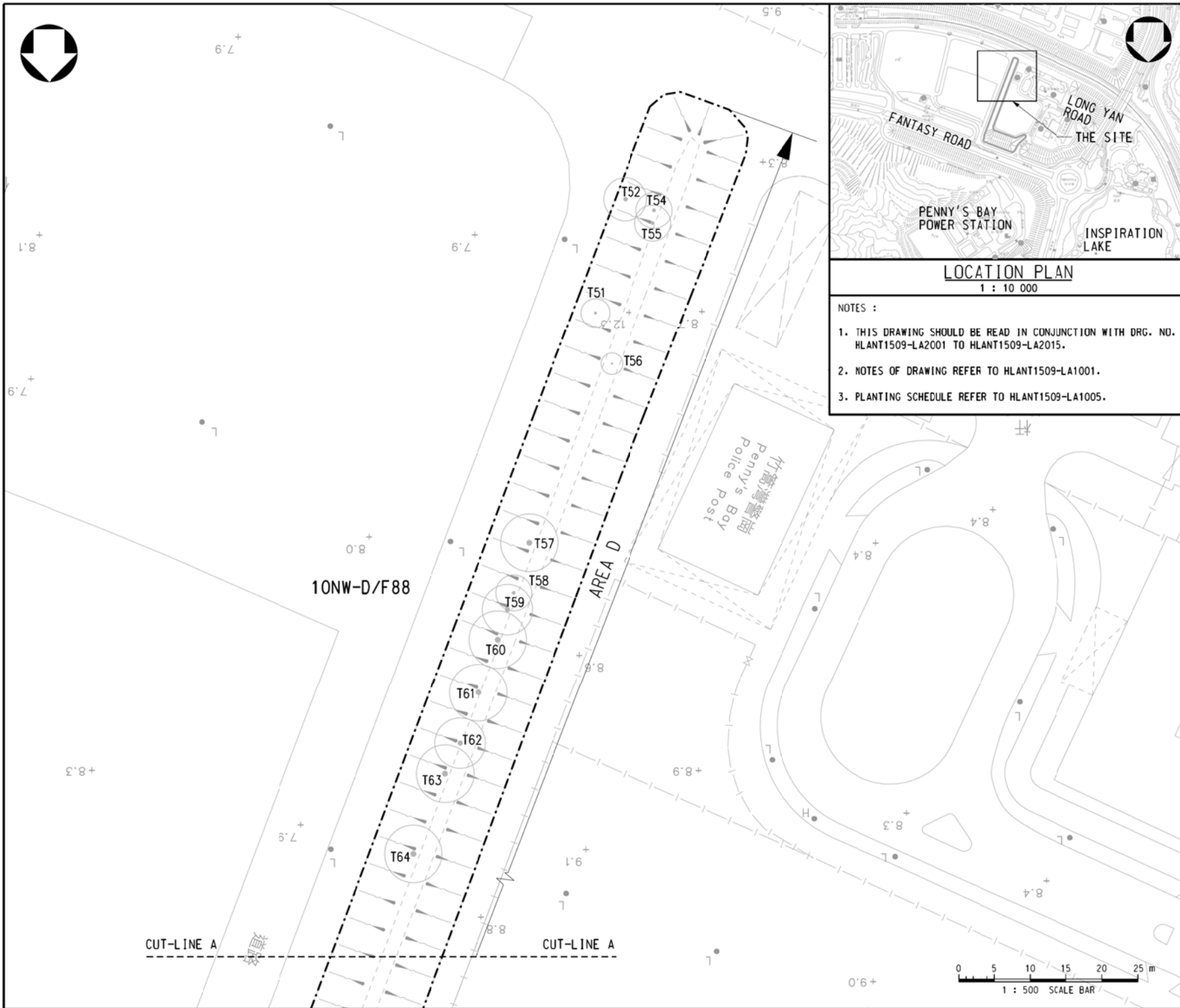
drawing title
 TREE PLANTING PLAN - SLOPE NO.
 10NW-D/F88 (AREA A & AREA D)
 (SHEET 1 OF 2)

drawing no. HLANT1509-LA2005-A
 scale 1 : 500 OR AS SHOWN

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LOCATION PLAN
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NOTES :

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2. NOTES OF DRAWING REFER TO HLANT1509-LA1001.
3. PLANTING SCHEDULE REFER TO HLANT1509-LA1005.

LEGEND :

- SLOPE BOUNDARY
- EXISTING TREE
- EXISTING TREE TO BE REMOVED
- PROPOSED TREE
- PROPOSED SPECIMEN TREE (PLUMERIA RUBRA 紅雞蛋花)

A	6/21	General Revision	SIGNED
no.	date	description	initial
REVISION			
		name	initial date
designed		W.S. WONG	SIGNED JAN 21
drawn		Y.C. CHOI	SIGNED JAN 21
checked		W.H. KWOK	SIGNED JAN 21

approved
 SIGNED
 W.F. YAU
 Senior Landscape Architect
 Date JAN 21

contract no. Hy(S)0/088/2020

file no. -

project no.

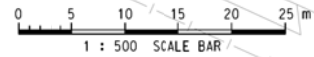
contract
 PROVISION OF ECOLOGICAL
 ENHANCEMENT PLANTING AND
 YARD WASTE RECYCLING ON SLOPES
 AT NORTH LANTAU ISLAND

drawing title
 TREE PLANTING PLAN - SLOPE NO.
 10NW-D/F88 (AREA D)
 (SHEET 2 OF 2)

drawing no.	scale
HLANT1509-LA2006-A	1 : 500 OR AS SHOWN

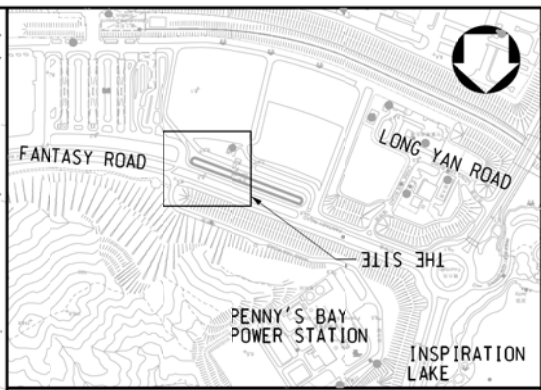
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Planting Schedule For Slope No. 10NW-D/F86 (Drawing No. LA2007 and LA2008) in Area A

CODE	BOTANICAL NAME	CHINESE NAME	SIZE	SPACING (mm)	QUANTITY	REMARKS
TREE						
FM1	<i>Ficus microcarpa</i>	細葉榕	Light standard	5000 or as shown	1	All trees shall have a well-defined straight and upright leader with branches growing out from the stem with reasonable symmetry
KB	<i>Koelreuteria bipinnata</i>	複羽葉欖樹	Light standard	5000 or as shown	11	
CQ	<i>Clerodendrum quadriloculare</i>	煙火樹	Light standard	4000 or as shown	30	
TC	<i>Tabebuia chrysantha</i>	黃花風鈴木	Light standard	4000 or as shown	7	
VO	<i>Viburnum odoratissimum</i>	珊瑚樹	Light standard	4000 or As shown	2	
TOTAL					51	



LOCATION PLAN
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NOTES :
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2. NOTES OF DRAWING REFER TO HLANT1509-LA1001.

LEGEND :

- SLOPE BOUNDARY
- EXISTING TREE
- EXISTING TREE TO BE REMOVED
- PROPOSED TREE

A	6/21	General Revision	SIGNED
no.	date	description	initial
REVISION			
		name	initial date
designed		W.S. WONG	SIGNED JAN 21
drawn		M.K. OR	SIGNED JAN 21
checked		W.H. KWOK	SIGNED JAN 21
approved		SIGNED W.F. YAU Senior Landscape Architect	JAN 21 Date
contract no.	Hy(S)0/088/2020		
file no.	-		
project no.	-		

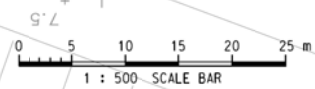
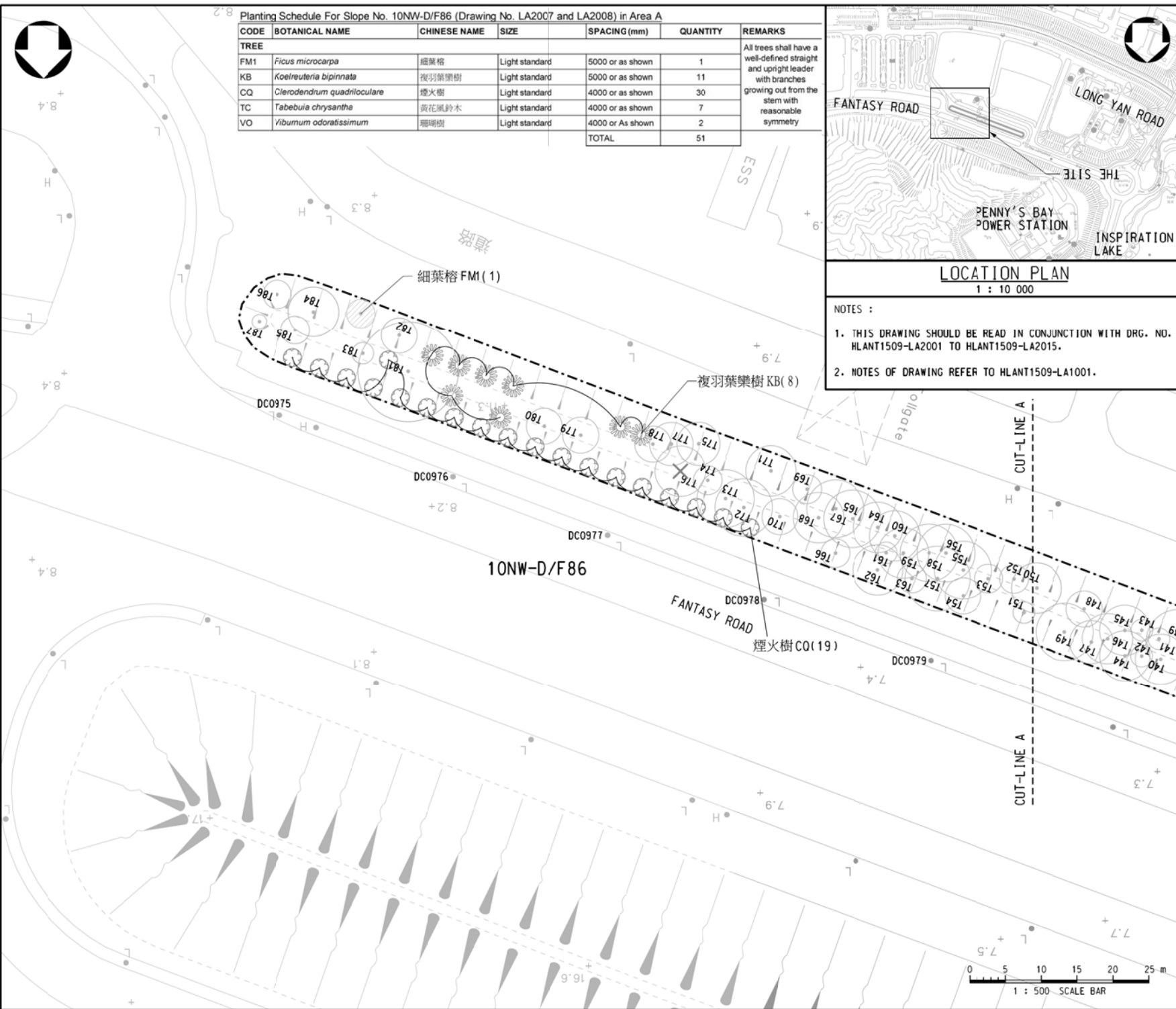
contract
PROVISION OF ECOLOGICAL ENHANCEMENT PLANTING AND YARD WASTE RECYCLING ON SLOPES AT NORTH LANTAU ISLAND

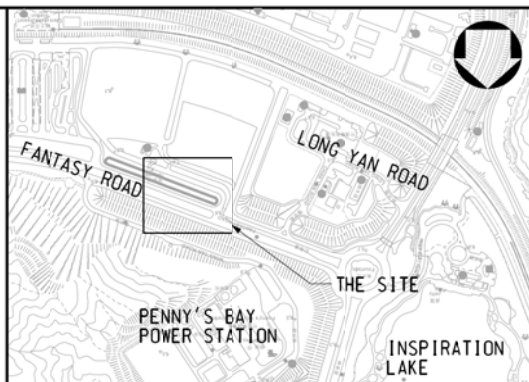
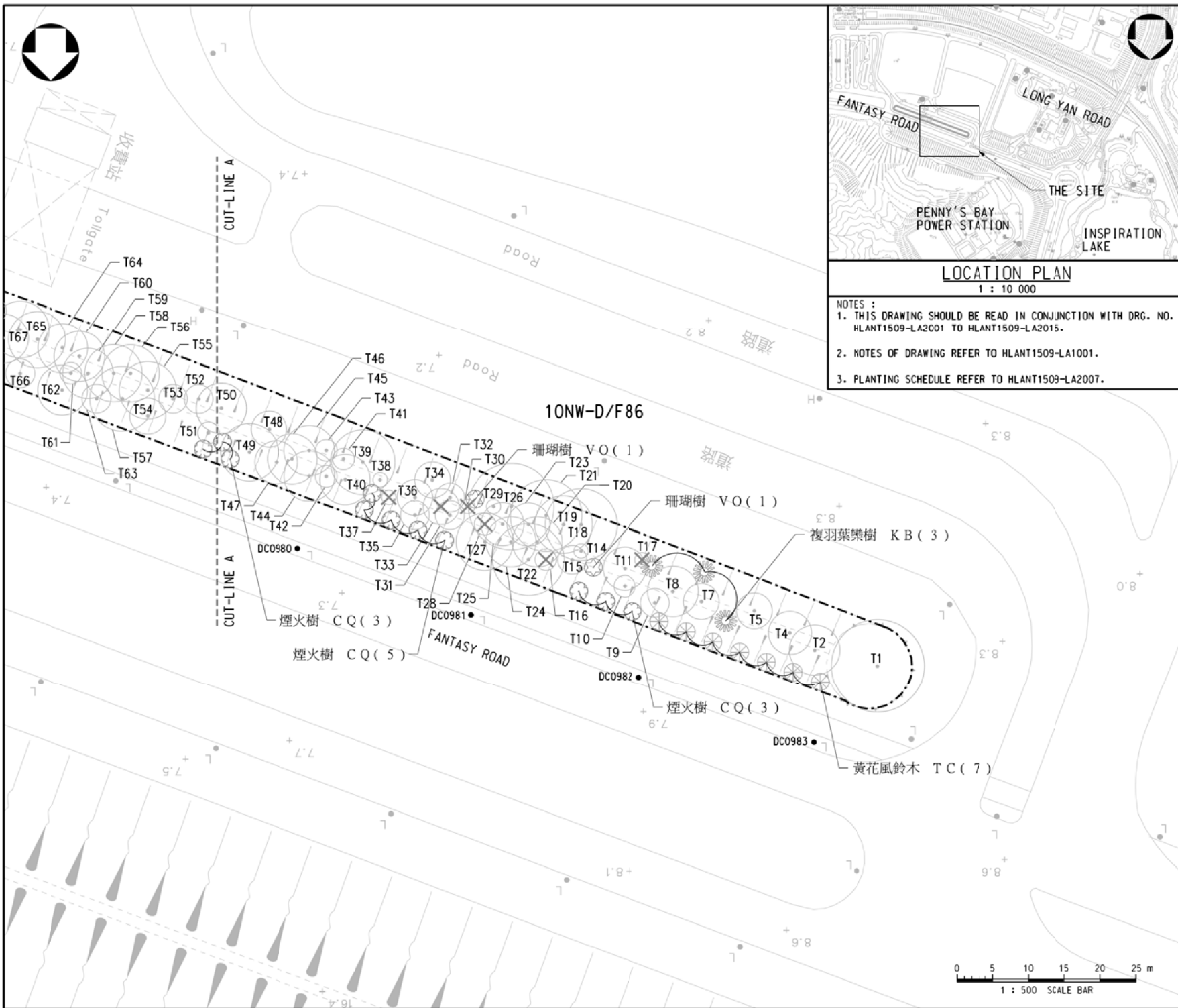
drawing title
TREE PLANTING PLAN - SLOPE NO. 10NW-D/F86 (AREA A) (SHEET 1 OF 2)

drawing no.	scale
HLANT1509-LA2007-A	1 : 500 OR AS SHOWN

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 2. NOTES OF DRAWING REFER TO HLANT1509-LA1001.
 3. PLANTING SCHEDULE REFER TO HLANT1509-LA2007.

LEGEND :

	SLOPE BOUNDARY
	EXISTING TREE
	EXISTING TREE TO BE REMOVED
	PROPOSED TREE

A	6/21	General Revision	SIGNED
no.	date	description	initial
REVISION			
		name	initial date
designed		W.S. WONG	SIGNED JAN 21
drawn		M.K. OR	SIGNED JAN 21
checked		W.H. KWOK	SIGNED JAN 21

approved
 SIGNED
 W.F. YAU
 Senior Landscape Architect
 Date JAN 21

contract no. Hy(S)0/088/2020

file no. -

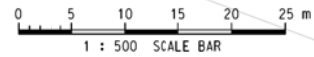
project no.
 contract
 PROVISION OF ECOLOGICAL
 ENHANCEMENT PLANTING AND
 YARD WASTE RECYCLING ON SLOPES
 AT NORTH LANTAU ISLAND

drawing title
 TREE PLANTING PLAN - SLOPE NO.
 10NW-D/F86 (AREA A)
 (SHEET 2 OF 2)

drawing no.	scale
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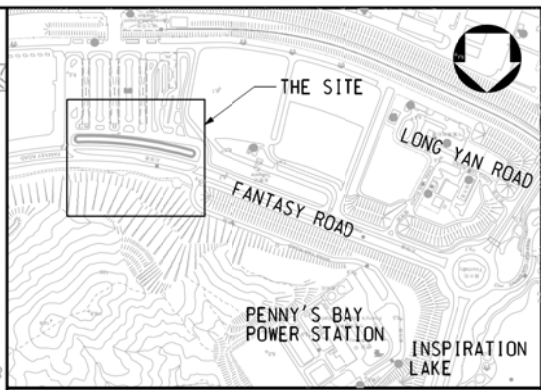
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Planting Schedule For Slope No. 10NE-C/F4 (Drawing No. LA2009 and LA2010) in Area B

CODE	BOTANICAL NAME	CHINESE NAME	SIZE	SPACING (mm)	QUANTITY	REMARKS
TREE						
BJ	<i>Bischofia javanica</i>	秋楓	Light standard	5000 or as shown	2	All trees shall have a well-defined straight and upright leader with branches growing out from the stem with reasonable symmetry
FA	<i>Ficus altissima</i>	高山榕	Light standard	5000 or as shown	6	
KB	<i>Koelreuteria bipinnata</i>	複羽葉樂樹	Light standard	5000 or as shown	6	
SD	<i>Sapium discolor</i>	山鳥柏	Light standard	5000 or as shown	21	
RT	<i>Reevesia thyrsoidea</i>	梭羅樹	Light standard	4000 or as shown	3	
VO	<i>Vibum odoratissimum</i>	珊瑚樹	Light standard	4000 or as shown	3	
TOTAL					41	

SHRUB						
CJ	<i>Camellia japonica</i>	茶花	1300mm (Height) min 800mm (Spread)	2500	83	To be planted 1.2m from planter edge along Fantasy Road



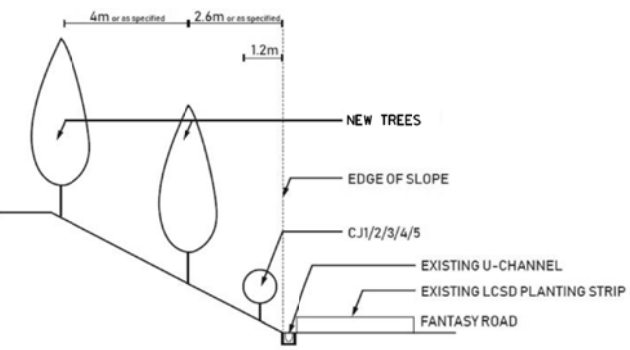
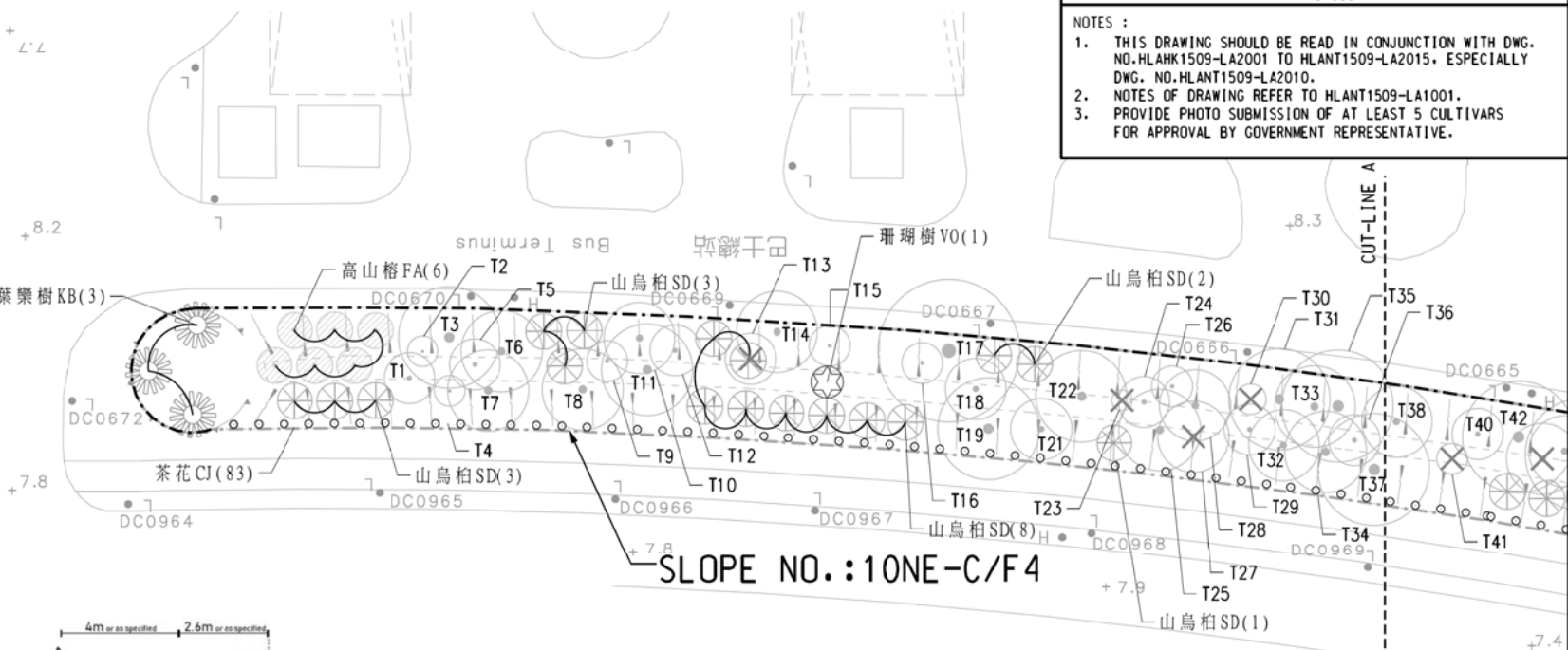
LEGEND :

- SLOPE BOUNDARY
- EXISTING TREE
- ⊗ EXISTING TREE TO BE REMOVED
- ⊙ PROPOSED TREES
- PROPOSED SHRUB (CODE: CJ)

A	6/21	General Revision	SIGNED
no.	date	description	initial
REVISION			
		name	initial date
designed		W.S. WONG	SIGNED JAN 21
drawn		Y.C. CHOI	SIGNED JAN 21
checked		W.H. KWOK	SIGNED JAN 21
approved		SIGNED W.F. YAU	JAN 21
		Senior Landscape Architect	Date
contract no.	Hy(S)0/088/2020		
file no.	-		
project no.	-		
contract	PROVISION OF ECOLOGICAL ENHANCEMENT PLANTING AND YARD WASTE RECYCLING ON SLOPES AT NORTH LANTAU ISLAND		
drawing title	TREE PLANTING PLAN - SLOPE NO. 10NE-C/F4 (AREA B) (SHEET 1 OF 2)		
drawing no.	HLANT1509-LA2009-A	scale	1 : 500 OR AS SHOWN

NOTES :

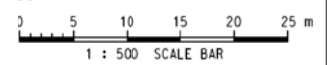
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DWG. NO. HLAK1509-LA2001 TO HLANT1509-LA2015, ESPECIALLY DWG. NO. HLANT1509-LA2010.
- NOTES OF DRAWING REFER TO HLANT1509-LA1001.
- PROVIDE PHOTO SUBMISSION OF AT LEAST 5 CULTIVARS FOR APPROVAL BY GOVERNMENT REPRESENTATIVE.



REFERENCE IMAGES OF SHRUBS:



CJ1: *Camellia japonica* (White)
 CJ2: Carter's sunburst sweetheard (Blush)
 CJ3: Glen 40 Variegated (Pink)
 CJ4: *Camellia sasanqua* (Magenta)
 CJ5: Wuye Mingdeng (Red)



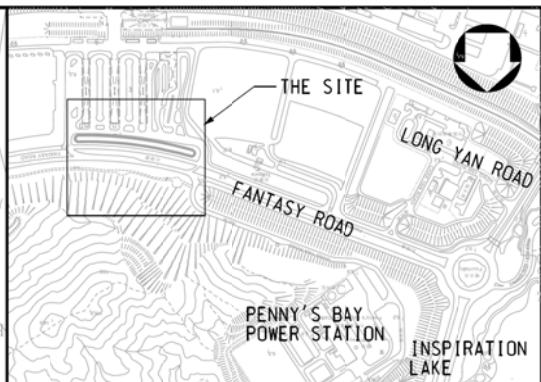
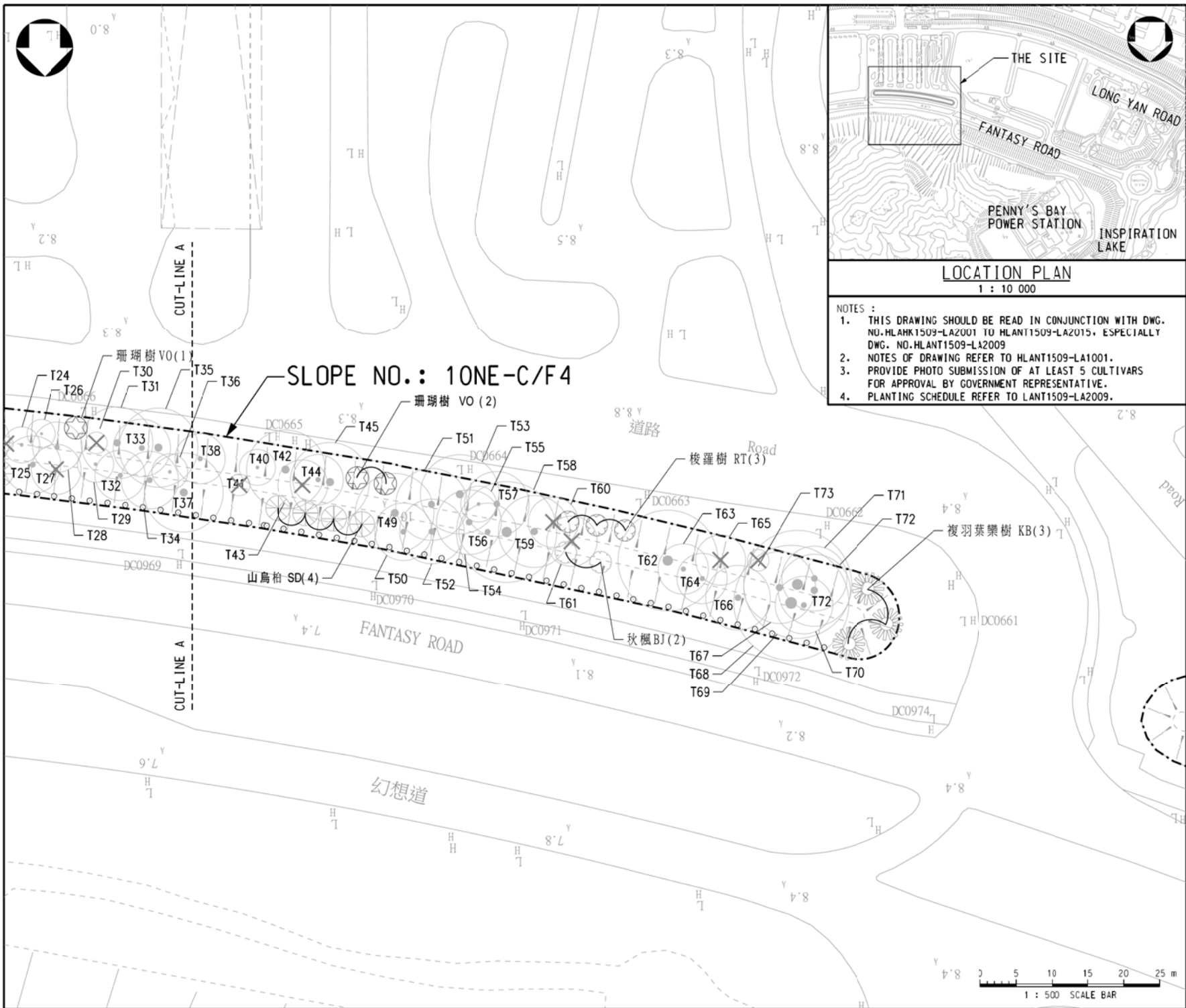
A	6/21	General Revision	SIGNED
no.	date	description	initial
REVISION			
		name	initial date
designed		W.S. WONG	SIGNED JAN 21
drawn		Y.C. CHOI	SIGNED JAN 21
checked		W.H. KWOK	SIGNED JAN 21
approved		SIGNED W.F. YAU	JAN 21
		Senior Landscape Architect	Date
contract no.	Hy(S)0/088/2020		
file no.	-		
project no.	-		
contract	PROVISION OF ECOLOGICAL ENHANCEMENT PLANTING AND YARD WASTE RECYCLING ON SLOPES AT NORTH LANTAU ISLAND		
drawing title	TREE PLANTING PLAN - SLOPE NO. 10NE-C/F4 (AREA B) (SHEET 1 OF 2)		
drawing no.	HLANT1509-LA2009-A	scale	1 : 500 OR AS SHOWN

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HONG KONG DEPARTMENT OF HIGHWAYS 香港路政署



LOCATION PLAN
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- NOTES :
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 2. NOTES OF DRAWING REFER TO HLAN1509-LA1001.
 3. PROVIDE PHOTO SUBMISSION OF AT LEAST 5 CULTIVARS FOR APPROVAL BY GOVERNMENT REPRESENTATIVE.
 4. PLANTING SCHEDULE REFER TO LANT1509-LA2009.

LEGEND :

- SLOPE BOUNDARY
- EXISTING TREE
- EXISTING TREE TO BE REMOVED
- PROPOSED TREES
- PROPOSED SHRUB (CODE: CJ)

no.	date	description	initial
REVISION			
		name	initial date
designed		W.S. WONG	SIGNED JAN 21
drawn		Y.C. CHOI	SIGNED JAN 21
checked		W.H. KWOK	SIGNED JAN 21

approved
 SIGNED
 W.F. YAU
 Senior Landscape Architect
 Date JAN 21

contract no. Hy(S)0/088/2020

file no. -

project no.
 contract
 PROVISION OF ECOLOGICAL
 ENHANCEMENT PLANTING AND
 YARD WASTE RECYCLING ON SLOPES
 AT NORTH LANTAU ISLAND

drawing title
 TREE PLANTING PLAN - SLOPE NO.
 10NE-C/F4 (AREA B)
 (SHEET 2 OF 2)

drawing no. HLAN1509-LA2010
 scale 1 : 500 OR AS SHOWN

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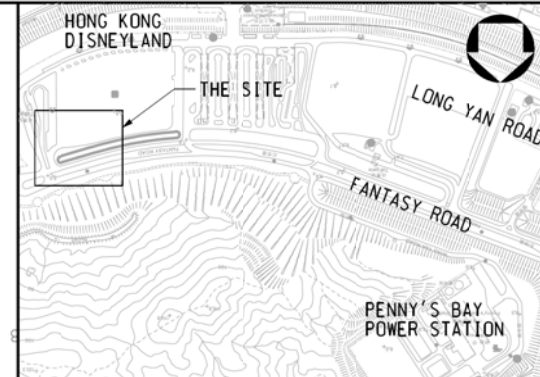
office
 LANDSCAPE DIVISION





Planting Schedule For Slope No. 10NE-C/F5 (Drawing No. LA2011 and LA2012) in Area C

CODE	BOTANICAL NAME	CHINESE NAME	SIZE	SPACING (mm)	QUANTITY	REMARKS
TREE						
FM2	<i>Ficus microcarpa</i>	細葉榕	Heavy Standard	5000 or as shown	1	All trees shall have a well-defined straight and upright leader with branches growing out from the stem with reasonable symmetry
DW	<i>Dombeya wallichii</i>	吊芙蓉	Light standard	4000 or as shown	18	
TC	<i>Tabebuia chrysantha</i>	黃花風鈴木	Light standard	4000 or as shown	6	
TR	<i>Tabebuia rosea</i>	紅花風鈴木	Light standard	4000 or as shown	21	
TOTAL					46	



LOCATION PLAN
1 : 10 000

NOTES :
1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRG. NO. HLANT1509-LA2001 TO HLANT1509-LA2014.
2. NOTES OF DRAWING REFER TO HLANT1509-LA1001.

LEGEND :

	SLOPE BOUNDARY
	EXISTING TREE
	EXISTING TREE TO BE REMOVED
	PROPOSED TREE

B	6/21	COMPENSATORY TREE REVISED	SIGNED
A	1/21	COMPENSATORY TREE REVISED	SIGNED

no.	date	description	initial
REVISION			
		name	initial date
designed		W.S. WONG	SIGNED JAN 21
drawn		Y.C. CHOI	SIGNED JAN 21
checked		W.H. KWOK	SIGNED JAN 21

approved
SIGNED
W.F. YAU
Senior Landscape Architect
Date JAN 21

contract no. Hy(S)0/088/2020

file no. -

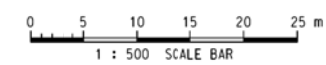
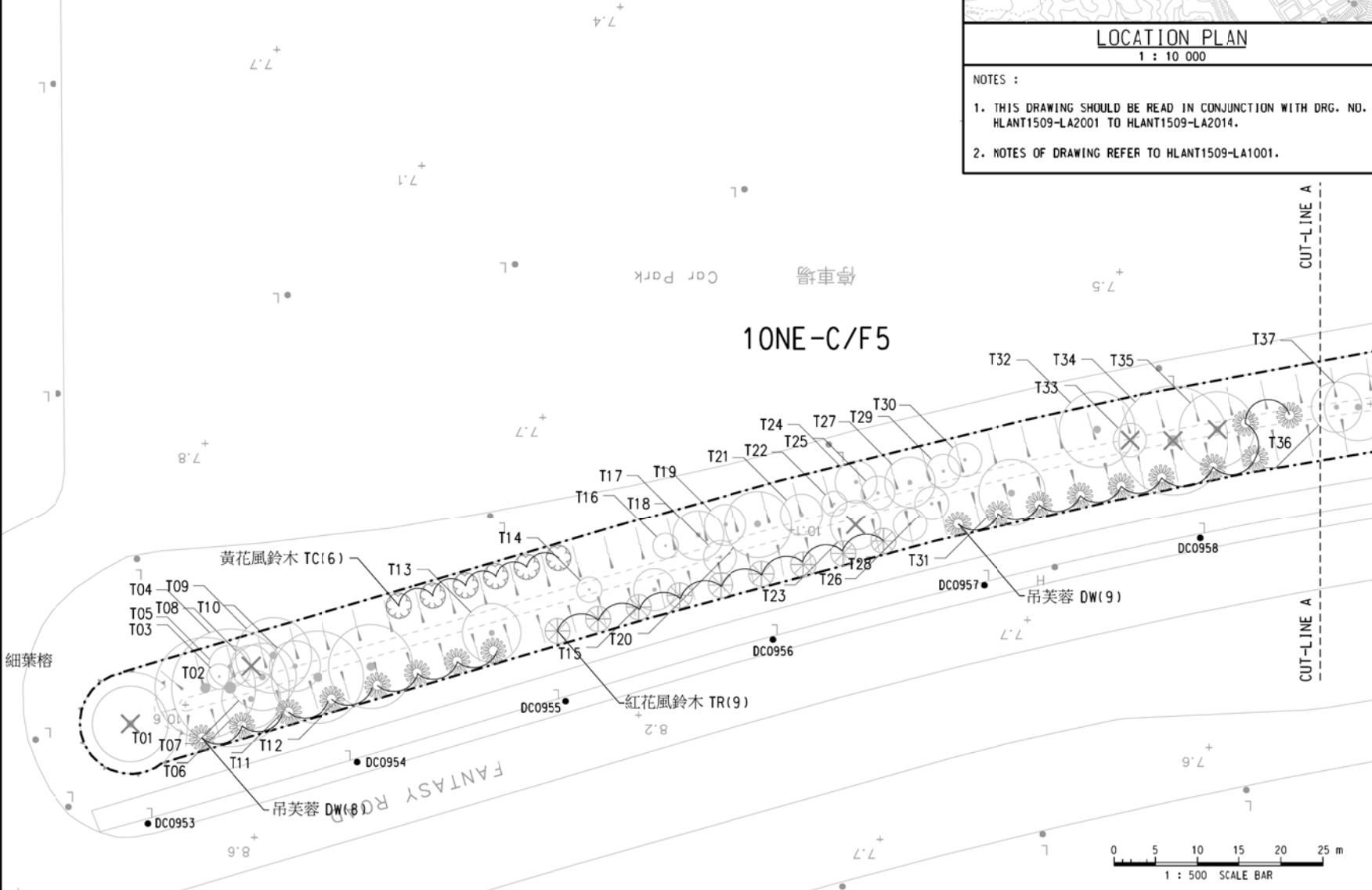
project no.
contract
PROVISION OF ECOLOGICAL ENHANCEMENT PLANTING AND YARD WASTE RECYCLING ON SLOPES AT NORTH LANTAU ISLAND

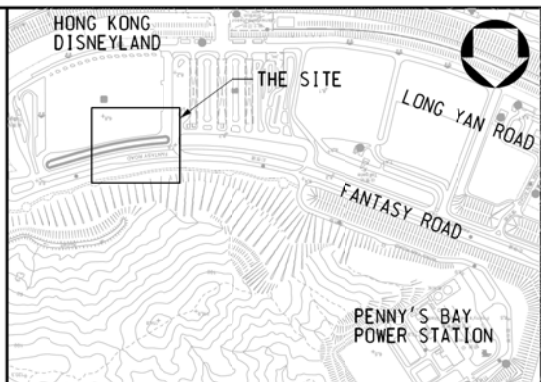
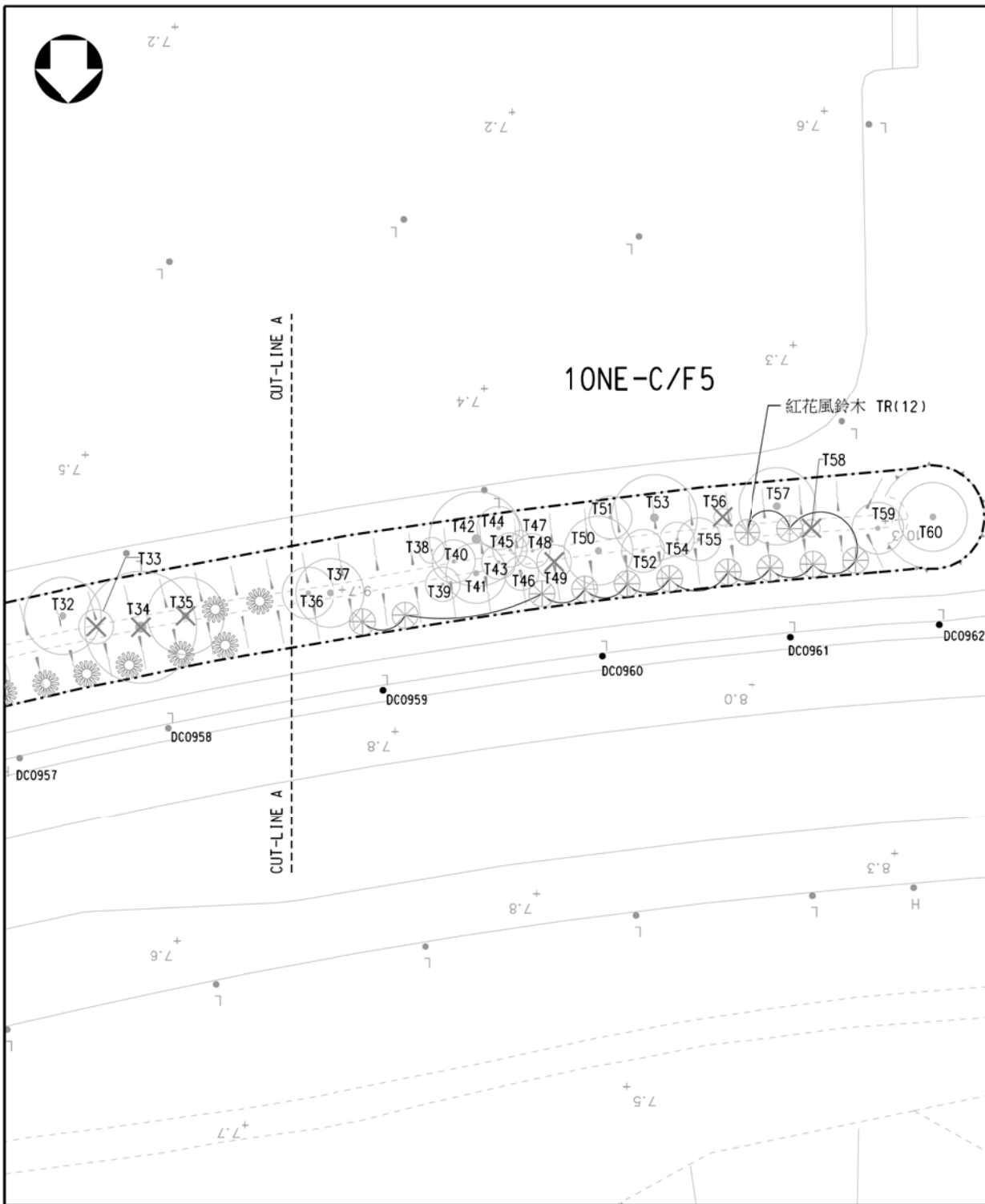
drawing title
TREE PLANTING PLAN - SLOPE NO. 10NE-C/F5 (AREA C) (SHEET 1 OF 2)

drawing no.	scale
HLANT1509-LA2011-B	1 : 500 OR AS SHOWN

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LOCATION PLAN
1 : 10 000

- NOTES :
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRG. NO. HLANT1509-LA2001 TO HLANT1509-LA2015.
 - NOTES OF DRAWING REFER TO HLANT1509-LA1001.
 - PLANTING SCHEDULE REFER TO HLANT1509-LA2011.

LEGEND :

	SLOPE BOUNDARY
	EXISTING TREE
	EXISTING TREE TO BE REMOVED
	PROPOSED TREE

B	6/21	COMPENSATORY TREE REVISED	SIGNED
A	1/21	COMPENSATORY TREE REVISED	SIGNED

no.	date	description	initial
REVISION			
		name	initial date
designed		W.S. WONG	SIGNED JAN 21
drawn		Y.C. CHOI	SIGNED JAN 21
checked		W.H. KWOK	SIGNED JAN 21

approved
SIGNED
W.F. YAU
Senior Landscape Architect
Date JAN 21

contract no. Hy(S)0/088/2020

file no. -

project no.

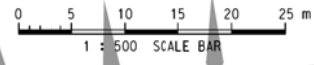
contract
PROVISION OF ECOLOGICAL ENHANCEMENT PLANTING AND YARD WASTE RECYCLING ON SLOPES AT NORTH LANTAU ISLAND

drawing title
TREE PLANTING PLAN - SLOPE NO. 10NE-C/F5 (AREA C) (SHEET 2 OF 2)

drawing no.	scale
HLANT1509-LA2012-B	1 : 500 OR AS SHOWN

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Appendix H

Checklist for Landscape and Visual Monitoring

Inspection Date: 13 September 2024

Inspected By: AUES

Time: 9:30 – 16:00

Weather Condition: Sunny

Participants: AECOM (RSS), ANewR (IEC), AUES (ET) Rep. & Contractor's Rep.

		N/A or not observed	Yes	No	Remarks / Photo
1	Zone 1: Planting Slope at Tuen Mun Area				
1.1	Is watering provided to plants to ensure satisfactory growth and health (manual and automatic irrigation)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1.2	Are tree stakes, guys and ties provided properly for safety and avoid chaffing of bark?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1.3	Are trees or limb overhanging branches pruned?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
1.4	Are pest and disease observed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
1.5	Are litter and debris removed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1.6	Are plants/ grasses overgrown?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
1.7	After inclement weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1.8	Are planting locations and tree spacing matched with the approved planting plans?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
1.9	Are the planting species on site matched with the approved planting schedules (Annex B)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
		Good	Fair	Poor	
1.10	Overall health condition of the plants?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
2	Zone 2: Planting Slope at Siu Lam Area				
2.1	Is watering provided to plants to ensure satisfactory growth and health (manual and automatic irrigation)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
2.2	Are tree stakes, guys and ties provided properly for safety and avoid chaffing of bark?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
2.3	Are trees or limb overhanging branches pruned?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
2.4	Are pest and disease observed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.5	Are litter and debris removed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
2.6	Are plants/ grasses overgrown?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
2.7	After inclement weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
2.8	Are planting locations and tree spacing matched with the approved planting plans?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
2.9	Are the planting species on site matched with the approved planting schedules (Annex B)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Obs. 4

		Good	Fair	Poor	
2.10	Overall health condition of the plants?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
3	Zone 3: Planting Slope at Tung Chung Area	N/A or not observed	Yes	No	Remarks / Photo
3.1	Is watering provided to plants to ensure satisfactory growth and health (manual and automatic irrigation)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
3.2	Are tree stakes, guys and ties provided properly for safety and avoid chaffing of bark?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
3.3	Are trees or limb overhanging branches pruned?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
3.4	Are pest and disease observed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.5	Are litter and debris removed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
3.6	Are plants/ grasses overgrown?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
3.7	After inclement weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
3.8	Are planting locations and tree spacing matched with the approved planting plans?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
3.9	Are the planting species on site matched with the approved planting schedules (Annex B)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
		Good	Fair	Poor	
3.10	Overall health condition of the plants?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Obs. 1</u>
4	Zone 4: Planting Slope at Penny's Bay Area	N/A or not observed	Yes	No	Remarks / Photo
4.1	Is watering provided to plants to ensure satisfactory growth and health (manual and automatic irrigation)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.2	Are tree stakes, guys and ties provided properly for safety and avoid chaffing of bark?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.3	Are trees or limb overhanging branches pruned?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
4.4	Are pest and disease observed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
4.5	Are litter and debris removed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.6	Are plants/ grasses overgrown?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
4.7	After inclement weather conditions, are proper action implemented to replace dead plants, repair damaged plants, bed in all plants that have blown over, firm up all other plants and immediately thereafter, remove dead plants and plant debris from the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.8	Are planting locations and tree spacing matched with the approved planting plans?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
4.9	Are the planting species on site matched with the approved planting schedules (Annex B)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
		Good	Fair	Poor	
4.10	Overall health condition of the plants?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Obs, 2 & 3</u>

5	General Document	N/A or not observed	Yes	No	Remarks / Photo
5.1	Are the records of watering, fertilizing, weeding, pruning and mowing kept for checking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

Follow up actions for previous inspection: <ol style="list-style-type: none">1. The witted tree (T-014: <i>Elaeocarpus chinensis</i>) in Zone 3 Slope 9SE-B/F74 was replaced.2. The witted tree (T-029: <i>Yulania x soulangeana</i>) in Zone 4 Slope 10NW-D/FR90 was replaced.3. The bent tree (T-043: <i>Tabebuia chrysantha</i>) in Zone 1 Slope 6SW-A/F25 was supported in upright position.
Observations: <ol style="list-style-type: none">1. The tree (T-056: <i>Sapium sebiferum</i>) in Zone 3 Slope 9SE-B/F56 was broken during typhoon “YAGI” should be replaced.2. The tree (T-064: <i>Vernicia fordii</i>) in Zone 4 Slope 10NW-D/FR89 was broken during typhoon “YAGI” should be replaced.3. The tree (T-030: <i>Yulania x soulangeana</i>) in Zone 4 Slope 10NW-D/FR90 became wilted; the tree health condition in terms of irrigation should be closely monitored and reviewed.4. The tree (T-028: <i>Elaeocarpus sylvestris</i>) in Zone 2 Slope 6SW-C/F233 became wilted; the tree health condition in terms of irrigation should be closely monitored and reviewed.
Corrective Actions (if any): <ol style="list-style-type: none">1. Tree health condition, irrigation in particular, should be closely monitored and reviewed.2. Bent tree should be supported in upright position ASAP.3. Regularly weeding should be provided.
General Conclusion: Total number of trees planted: 235 (Zone 1); 148 (Zone 2); 269 (Zone 3); and 414 (Zone 4)
Remark: Establishment landscape monitoring for outbound planting area was commenced on 16 December 2022. 13 nos of trees (T015 to T027) at Zone 1 Slop 6NW-C/F153 had been handed over to other Highway Department’s Contract HY/2022/08 for their maintenance. 2 no of trees (T001 and T002) at Zone 3 Slop 9SE-B/F35 had been handed over to MTR Contract 1201 for their maintenance.

Inspected by (ET’s Representative): Ben Tam

Title: Environmental Consultant

Signature: 

Date: 13 September 2024

Reviewed by (RSS Landscape Representative): Spring Tsui

Title: Senior Resident Field Officer

Signature: 

Date: 13 September 2024

Contractor’s Representative: Joe Fung

Title: Project Manager

Signature: 

Date: 13 September 2024

Checked by
(IEC's Representative):

Alex Chan

Signature:







Title:

Environmental Consultant

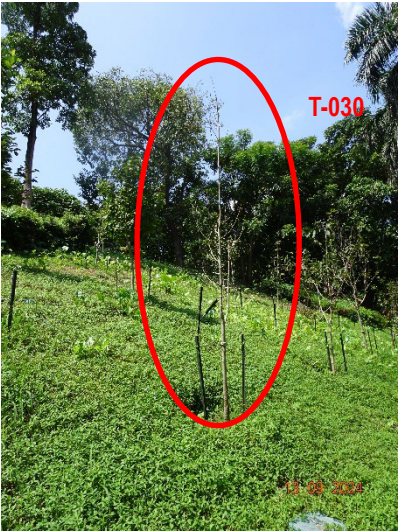

Date:

13 September 2024

Location	Photo	Information
Zone 3		Follow-up 1: The witted tree (T-014: <i>Elaeocarpus chinensis</i>) in Zone 3 Slope 9SE-B/F74 was replaced.
Zone 4		Follow-up 2: The witted tree (T-029: <i>Yulania x soulangeana</i>) in Zone 4 Slope 10NW-D/FR90 was replaced.

<p>Zone 1</p>		<p>Follow-up 3: The bent tree (T-043: <i>Tabebuia chrysantha</i>) in Zone 1 Slope 6SW-A/F25 was supported in upright position.</p>
<p>Zone 3</p>		<p>Observation 1: The tree (T-056: <i>Sapium sebiferum</i>) in Zone 3 Slope 9SE-B/F56 was broken during typhoon "YAGI" should be replaced.</p>

		
Zone 4		Observation 2: The tree (T-064: Vernicia fordii) in Zone 4 Slope 10NW-D/FR89 was broken during typhoon "YAGI" should be replaced.

<p>Zone 4</p>		<p>Observation 3: The tree (T-030: <i>Yulania x soulangeana</i>) in Zone 4 Slope 10NW-D/FR90 became wilted; the tree health condition in terms of irrigation should be closely monitored and reviewed.</p>
<p>Zone 2</p>		<p>Observation 4: The tree (T-028: <i>Elaeocarpus sylvestris</i>) in Zone 2 Slope 6SW-C/F233 became wilted; the tree health condition in terms of irrigation should be closely monitored and reviewed.</p>

Zone 1 Tuen Mun Area (General View)

↓ 6NW-C/F153 ↓



↓ 6SW-A/F25 ↓





↓ 5SE-B/F89 ↓



↓ 5SE-B/F70 ↓



↓ 5SE-D/F73 ↓





Zone 2 Siu Lam Area (General View)

↓ 6SW-C/FR200 ↓



↓ 6SW-C/F233 ↓





↓ 6SW-D/FR279 ↓



↓ 6SW-D/FR320 ↓



Zone 3 Tung Chung Area (General View)

↓ 9SE-B/F35 ↓

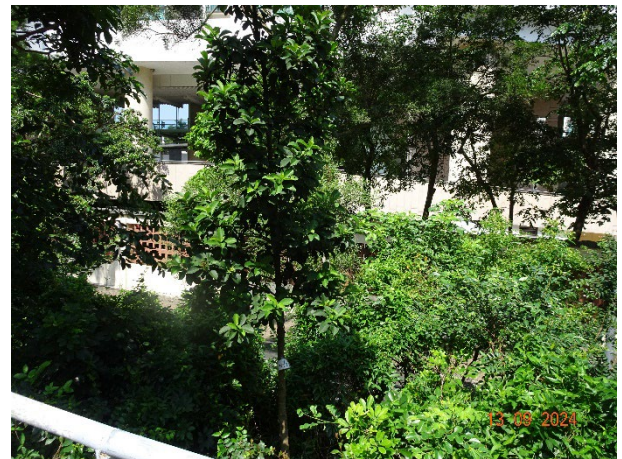
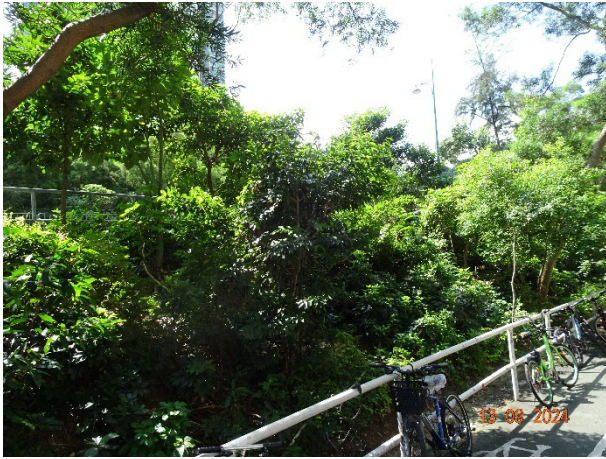


↓ 9SE-B/F56 ↓





↓ 9SE-B/F74 ↓



Zone 4 Penny's Bay Area (General View)

↓ 10NE-C/F6 ↓



↓ 10NW-D/F93 ↓





↓ 10NW-D/FR89 ↓



↓ 10NW-D/FR90 ↓

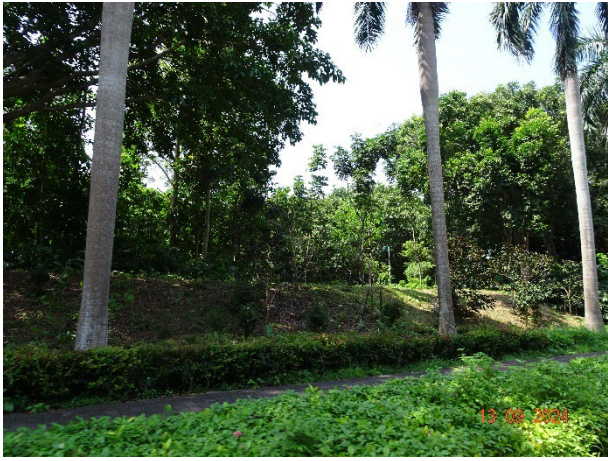


↓ 10NW-D/F88 ↓





↓ 10NW-D/F86 ↓



↓ 10NE-C/F4 ↓



↓ 10NE-C/F5 ↓





Appendix I

Tree Planting Schedule for TM-CLKL Project

Slope Planting

CODE	BOTANICAL NAME	CHINESE NAME	SIZE (mm) HEIGHT (H) X SPREAD (S)	SPACING (mm)
WHIP				
BRL.TOM.	<i>Bridelia tomentosa</i> *	土蜜樹	WHIP	1500-2000
GOR.AXL.	<i>Gordonia axillaris</i> *	大頭茶	WHIP	1500-2000
LIT.GLU.	<i>Litsea glutinosa</i> *	潺槁樹	WHIP	1500-2000
PHY.EMB.	<i>Phyllanthus emblica</i> *	餘甘子	WHIP	1500-2000
REE.THY.	<i>Reevesia thyrsoidea</i> *	梭羅樹	WHIP	1500-2000
TREE				
BAU.VAR.	<i>Bauhinia variegata</i>	宮粉羊蹄甲	LIGHT STANDARD / STANDARD	4000
BOM.CEL.	<i>Bombax ceiba</i>	木棉	LIGHT STANDARD	4000-5000
BRL.TOM.	<i>Bridelia tomentosa</i> *	土蜜樹	LIGHT STANDARD	3000
CIN.BUR.(A)	<i>Cinnamomum burmannii</i> *	陰香	LIGHT STANDARD	4000
MEL.AZE.(A)	<i>Melia azedarach</i>	苦楝	LIGHT STANDARD	4000
PLU.RUB.	<i>Plumeria rubra</i>	雞蛋花	HEAVY STANDARD 2000 (H) X 2000 (S)	3500-4000
PALM				
CAR.MIT.	<i>Caryota mitis</i>	短穗魚尾葵	2500(H) x 1500(S)	2500
LIV.CHI.	<i>Livistona chinensis</i>	蒲葵	1500-2500(H) X 1500(S)	3500-4000
PHO.ROE.	<i>Phoenix roebelenii</i>	日本葵	2000(H) x 1500(S)	2000
WAS. ROB.	<i>Washingtonia robusta</i>	華盛頓葵	1500 - 2500(H) X 1500(S)	3500-4000
SHRUB				
CAL.HAE.	<i>Calliandra haematocephala</i>	紅絨球	300(H) X 300(S)	1000
FIC.MIC.'GOL'	<i>Ficus microcarpa</i> 'Golden Leaf'	黃榕	300(H) X 300(S)	500
GAR.JAS.	<i>Gardenia jasminoides</i> *	白蟻	300(H) x 300(S)	500
GOR.AXL.	<i>Gordonia axillaris</i> *	大頭茶	500(H) X 500(S)	500
HIB.ROS.	<i>Hibiscus rosa-sinensis</i>	大紅花	300(H) x 300(S)	1000
LIG.SIN.	<i>Ligustrum sinense</i> *	山指甲	300(H) x 300(S)	500
MEL.CAN.	<i>Melastoma candidum</i> *	野牡丹	300(H) X 300(S)	500
MEL.SAN.	<i>Melastoma sanguineum</i> *	毛萼	300(H) X 300(S)	500
NER.OLE.	<i>Nerium oleander</i>	夾竹桃	300(H) X 300(S)	1000
PIT.TOB.	<i>Pittosporum tobira</i>	海桐花	300(H) x 300(S)	500
PSY. ASI.	<i>Psychotria asiatica</i> *	九節	300(H) x 300(S)	500
RHO.SIM.	<i>Rhododendron simsii</i> *	紅杜鵑	300(H) x 300(S)	500
RHO.TOM.	<i>Rhodomyrtus tomentosa</i> *	桃金娘	300(H) X 300(S)	500
SCH.ARB.	<i>Schefflera arboricola</i>	八葉	300(H) x 300(S)	500
GROUND COVER				
HYM.LIT.	<i>Hymenocallis littoralis</i>	蜘蛛蘭	300(H) X 300(S)	300
CLIMBER				
EPLAUR.	<i>Epipremnum aureum</i>	綠蘿	MIN. 4 SHOOTS PER PLANT, 300mm LONG	500
FIC.PUM.	<i>Ficus pumila</i> *	薜荔	MIN. 3 SHOOTS PER PLANT, 300- 1000mm LONG	300
LON.JAP.	<i>Lonicera japonica</i> *	金銀花	MIN. 4 SHOOTS PER PLANT, 600mm LONG	500
PAR.DAL.	<i>Parthenocissus dalzielii</i>	爬牆虎	MIN. 3 SHOOTS PER PLANT, 600- 1000mm LONG	300/500
HYDROSEEDING / GRASS				
-	HYDROSEEDING	噴草	-	-

NOTE:

1. ALL PROPOSED PLANT SPECIES AND SPECIFICATIONS ARE SUBJECT TO CHANGE DURING CONSTRUCTION TO SUIT THE SITE CONDITIONS.
2. SHRUB / GROUND COVER SHOULD BE PLANTED IN A STAGGERED PATTERN.
3. SIZE OF TREES SHALL REFER TO THE GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS, 2006 EDITION
4. GRASS SEED AS GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS, 2006 EDITION, CLAUSE 3.25(3).
5. * SPECIES NATIVE TO HONG KONG ACCORDING TO THE HONG KONG HERBARIUM WEBSITE.
6. + PLANT SPECIES INCLUDED IN THE ENTRUSTED LANDSCAPE WORKS TO CONTRACT NO. DC/2016/01.

Roadside Planting

CODE	BOTANICAL NAME	CHINESE NAME	SIZE (mm) HEIGHT (H) X SPREAD (S)	SPACING (mm)
TREE				
BAU.BLA.	<i>Bauhinia x blakeana</i> * +	洋紫荊	HEAVY STANDARD	5000
BAU.VAR.	<i>Bauhinia variegata</i>	宮粉羊蹄甲	LIGHT STANDARD / STANDARD / HEAVY STANDARD	4000 - 5000
GAR.SUB.	<i>Garcinia subelliptica</i> +	菲島福木	LIGHT STANDARD	4000-5000
GRE.ROB.(H)	<i>Grevillea robusta</i>	銀樺	HEAVY STANDARD	5000
ILE.ROT.	<i>Ilex rotunda</i>	鐵冬青	HEAVY STANDARD	5000
LAG.SPE.	<i>Lagerstroemia speciosa</i>	大花紫薇	HEAVY STANDARD	4000-4500
PLU.RUB.	<i>Plumeria rubra</i>	雞蛋花	HEAVY STANDARD 2000(H) x 2000(S) - 2500(H) x 2500(S)	4000
TAB.IMP.	<i>Tabebuia impetiginosa</i>	風鈴木	HEAVY STANDARD	5000
VIB.ODO.	<i>Viburnum odoratissimum</i> * +	珊瑚樹	HEAVY STANDARD	5000
XAN.CHR.	<i>Xanthostemon chrysanthus</i> +	金蒲桃	HEAVY STANDARD	5000
PALM				
ARE.CAT.	<i>Areca catechu</i> +	檳榔	4000(H)	4000
LIV.CHI.	<i>Livistona chinensis</i>	蒲葵	2500(H) x 1500(S)	3500-4000
PHO.SYL.	<i>Phoenix sylvestris</i>	銀海棗	2000(H) x 1500(S)	4000
SHRUB				
ALL.CAT.	<i>Allamanda cathartica</i>	軟枝黃蟬	300(H) X 300(S)	300/350
DUR.REP.	<i>Duranta repens</i>	假連翹	300(H) x 250(S)	400
COD.VAR.'AUC'	<i>Codiaeum variegatum</i> 'Aucubaefolium' +	灑金榕	300(H) X 300(S)	300
COD.VAR.'RED'	<i>Codiaeum variegatum</i> 'Red' +	灑金榕 (紅色)	300(H) X 300(S)	300
CYC.REV.	<i>Cycas revoluta</i>	蘇鐵	400(H) x 500(S)	500
DRA.REF.	<i>Dracaena reflexa</i>	黃金百合竹	600(H)	500
FIC.MIC.'GOL'	<i>Ficus microcarpa</i> 'Golden Leaf'	黃榕	300(H) X 300(S)	350/500
GAR.JAS.	<i>Gardenia jasminoides</i> *	白蟻	300(H) x 300(S)	500
GOR.AXL.	<i>Gordonia axillaris</i> *	大頭茶	300(H) X 300(S)	350
IXO.CHI.	<i>Ixora chinensis</i> * +	龍船花	300(H) x 300(S)	300
LIG.SIN.	<i>Ligustrum sinense</i> *	山指甲	300(H) x 250(S)	400
MEL.CAN.	<i>Melastoma candidum</i> *	野牡丹	300(H) X 300(S)	350
MEL.SAN.	<i>Melastoma sanguineum</i> *	毛萼	300(H) X 300(S)	350
NER.OLE.	<i>Nerium oleander</i>	夾竹桃	400(H) x 250(S) / 300(H) X 300(S)	400/500
PIT.TOB.	<i>Pittosporum tobira</i> *	海桐花	300(H) x 300(S)	500
RHA.IND.	<i>Rhapuolepis indica</i> * +	車輪梅	300(H) x 300(S)	300
RHO.TOM.	<i>Rhodomyrtus tomentosa</i> *	桃金娘	300(H) X 300(S)	350/500
SCH.ARB.	<i>Schefflera arboricola</i> +	八葉	300(H) x 300(S)	350/ 500
GROUND COVER				
ARA.DUR.	<i>Arachis duranensis</i>	金花生	100(H) x 200(S)	200
ASP.DEN.	<i>Asparagus densiflorus</i> 'Sprengeri' +	非洲天門冬	200(H) x 300(S)	200
HYM.LIT.	<i>Hymenocallis littoralis</i>	蜘蛛蘭	300(H) X 300(S)	300
NEP.AUR.	<i>Nephrolepis auriculata</i> * +	腎蕨	250(H) x 250(S)	150
PHY.MYR.	<i>Phyllanthus myrtifolius</i> +	錫蘭葉下珠	300(H) x 300(S)	300
TRA.SPA.	<i>Tradescantia spathacea</i>	蚌花	200(H) x 300(S)	250
WED.TRI.	<i>Wedelia trilobata</i>	三裂葉蟛蜞菊	200(H) x 150(S)	300
CLIMBER				
EPLAUR.	<i>Epipremnum aureum</i> +	綠蘿	MIN. 4 SHOOTS PER PLANT, 300mm LONG	500/300
FIC.PUM.	<i>Ficus pumila</i> *	薜荔	MIN. 3 SHOOTS PER PLANT, 300- 1000mm LONG	300
PAR.DAL.	<i>Parthenocissus dalzielii</i>	爬牆虎	MIN. 3 SHOOTS PER PLANT, 600- 1000mm LONG	300
HYDROSEEDING / GRASS				
-	HYDROSEEDING	噴草	-	-
AXO.COM.	<i>Axonopus compressus</i> +	地毯草(大葉草)	Whole piece turf 300(L)x300(W)x50(H)	-

Slope Planting

CODE	BOTANICAL NAME	CHINESE NAME	SIZE (mm) HEIGHT (H) X SPREAD (S)	SPACING (mm)
WHIP				
BAU.VAR.	<i>Bauhinia variegata</i>	宮粉羊蹄甲	WHIP	1000
BRI.TOM.	<i>Bridelia tomentosa</i> *	土密樹	WHIP	1000-2000
GOR.AXL.	<i>Gordonia axillaris</i> *	大頭茶	WHIP	1000
LIT.GLU.	<i>Litsea glutinosa</i> *	潺槁木	WHIP	1000
MAL.PAN.	<i>Mallotus paniculatus</i> *	白楸	WHIP	1000
PHY.EMB.	<i>Phyllanthus emblica</i> *	餘甘子(油甘子)	WHIP	1000
SAP.DIS.	<i>Sapium discolor</i> *	山烏柏	WHIP	1000
TREE				
BAU.VAR.(L)	<i>Bauhinia variegata</i>	宮粉羊蹄甲	LIGHT STANDARD	3000
BAU.VAR.(H)	<i>Bauhinia variegata</i>	宮粉羊蹄甲	HEAVY STANDARD	4000-4500
BRI.TOM.	<i>Bridelia tomentosa</i> *	土密樹	LIGHT STANDARD	3000
BOM.CEL.(L)	<i>Bombax ceiba</i>	木棉	LIGHT STANDARD	3000
BOM.CEL.(L)	<i>Bombax ceiba</i>	木棉	HEAVY STANDARD	4500-5000
CIN.BUR.	<i>Cinnamomum burmannii</i> *	陰香	LIGHT STANDARD	3000
CIN.BUR.	<i>Cinnamomum burmannii</i> *	陰香	HEAVY STANDARD	4500-5000
LIQ.FOR.	<i>Liquidambar formosana</i> *	楓香	LIGHT STANDARD	3000
LIT.GLU.(L)	<i>Litsea glutinosa</i> *	潺槁木	LIGHT STANDARD	3000
MAC.CHE.	<i>Machilus chekiangensis</i> *	浙江潤楠	LIGHT STANDARD	3000
REE.THY.	<i>Reevesia thyrsoidea</i> *	梭羅樹	LIGHT STANDARD	3000
SCH.SUP.	<i>Schima superba</i> *	木荷(荷樹)	LIGHT STANDARD	3000
STEL.LAN.	<i>Sterculia lanceolata</i> *	假蒺藜	LIGHT STANDARD	3000
STEL.LAN.	<i>Sterculia lanceolata</i> *	假蒺藜	HEAVY STANDARD	4500-5000
VIB.ODO.	<i>Viburnum odoratissimum</i> *	珊瑚樹	LIGHT STANDARD	3000
SHRUB				
DES.CHI.	<i>Desmos chinensis</i> *	假鷹爪	300(H) x 300(S)	500
ILE.ASP.	<i>Ilex asprella</i> *	梅葉冬青	300(H) x 300(S)	500
ILE.PUB.	<i>Ilex pubescens</i> *	毛冬青	300(H) x 300(S)	500
LIG.SIN.	<i>Ligustrum sinense</i>	山指甲	300(H) x 300(S)	350-500
MEL.CAN.	<i>Melastoma candidum</i> *	野牡丹	300(H) x 300(S)	350-500
MEL.SAN.	<i>Melastoma sanguineum</i> *	毛荃	300(H) x 300(S)	350-500
NER.OLE.	<i>Nerium oleander</i>	夾竹桃	300(H) x 300(S)	350
PSY.ASI.	<i>Psychotria asiatica</i> *	九節	300(H) x 300(S)	500
RHA.IND.	<i>Rhaphiolepis indica</i> *	車輪梅	300(H) x 300(S)	350-500
RHO.PUL.	<i>Rhododendron pulchrum</i>	紫杜鵑	300(H) x 300(S)	500
RHO.SIM.	<i>Rhododendron simsii</i> *	紅杜鵑	300(H) x 300(S)	500
SCH.ARB.	<i>Schefflera arboricola</i>	八葉木	300(H) x 300(S)	500
SCH.VAR.	<i>Schefflera arboricola</i> 'Variegata'	花葉八葉木	300(H) x 300(S)	500
GROUNDCOVER				
NEP.AUR.	<i>Nephrolepis auriculata</i> *	腎蕨	300(H) x 300(S)	100-300
NEP.HIR.	<i>Nephrolepis hirsutula</i> *	毛葉腎蕨	300(H) x 300(S)	100-300
CLIMBER				
BAU.COR.	<i>Bauhinia corymbosa</i>	首冠藤	MIN. 5 SHOOTS PER PLANT, 600mm LONG	300-1000
BOU.SPE.	<i>Bougainvillea spectabilis</i>	籐杜鵑	MIN. 5 SHOOTS PER PLANT, 600mm LONG	300-500
FIG.PUM.	<i>Ficus pumila</i> *	薛荔	MIN. 3 SHOOTS PER PLANT, 1000mm LONG	300
LON.JAP.	<i>Lonicera japonica</i> *	忍冬(金銀花)	MIN. 5 SHOOTS PER PLANT, 600mm LONG	300-1000
PAR.DAL.	<i>Parthenocissus dalzielii</i>	爬牆虎	MIN. 3 SHOOTS PER PLANT, 1000mm LONG	300-1000
WED.TRI.	<i>Wedelia trilobata</i>	三裂葉蚌琪菊	MIN. 5 SHOOTS PER PLANT, 600mm LONG	300

Roadside Planting

CODE	BOTANICAL NAME	CHINESE NAME	SIZE (mm) HEIGHT (H) X SPREAD (S)	SPACING (mm)
TREE				
BRA.ACE.	<i>Brachychiton acerifolius</i>	槭葉蘋婆	HEAVY STANDARD	4500-5000
DEL.REG.	<i>Delonix regia</i>	鳳凰木	HEAVY STANDARD	N/A
GAR.SUB.	<i>Garcinia subelliptica</i>	菲島福木(福木)	LIGHT STANDARD	3000
MEL.CUM.	<i>Melaleuca cajuputi subsp. cumingiana</i>	白千層	HEAVY STANDARD	4000
STEL.LAN.	<i>Sterculia lanceolata</i> *	假蒺藜	HEAVY STANDARD	5000
TAB.CHR.	<i>Tabebuia chrysantha</i>	黃花風鈴木	HEAVY STANDARD	5000
TAB.IMP.	<i>Tabebuia impetiginosa</i>	風鈴木	HEAVY STANDARD	5000
TER.MAN.	<i>Terminalia mantaly</i>	小葉欖仁	HEAVY STANDARD	5000
PALM				
ARC.ALE.	<i>Archontophoenix alexandrae</i>	假檳榔	3500(H) x 1500(S)	4000
CHR.LHT.	<i>Chrysalidocarpus lutescens</i>	散尾葵	1500(H)	2000
LIV.CHI.	<i>Livistona chinensis</i>	蒲葵	2000(H) x 1500(S)	2500
PHO.ROE.	<i>Phoenix roebelenii</i>	日本葵	2000(H) x 1500(S)	2500-3000
WOD.BIF.	<i>Wodyetia bifurcata</i>	狐尾椰子	2500(H) x 1500(S)	3500
SHRUB				
DUR.GOL.	<i>Duranta repens</i> 'Golden'	金蓮翹	300(H) x 300(S)	300
IXO.CHI.	<i>Ixora chinensis</i> *	龍船花	300(H) x 300(S)	300
IXO.COC.	<i>Ixora coccinea</i>	橙紅龍船花	300(H) x 300(S)	300
IXO.LUT.	<i>Ixora coccinea</i> 'Lutea'	黃花龍船花	300(H) x 300(S)	300
RHA.IND.	<i>Rhaphiolepis indica</i> *	車輪梅	300(H) x 300(S)	300
RHO.PUL.	<i>Rhododendron pulchrum</i>	紫杜鵑	300(H) x 300(S)	300
RHO.SIM.	<i>Rhododendron simsii</i> *	紅杜鵑	300(H) x 300(S)	300
SCH.ARB.	<i>Schefflera arboricola</i>	八葉木	300(H) x 300(S)	300
SCH.VAR.	<i>Schefflera arboricola</i> 'Variegata'	斑葉鵝掌藤 (花葉八葉木)	300(H) x 300(S)	300
GROUNDCOVER				
ARA.DUR.	<i>Arachis duranensis</i>	金花生	100(H) x 200(S)	200
ASP.DEN.	<i>Asparagus densiflorus</i> 'Myersii'	狐尾天冬	300(H) x 300(S)	250
ASP.SPR.	<i>Asparagus densiflorus</i> 'Sprengeri'	非洲天門冬(天冬)	100(H) x 200(S)	200
CUP.HYS.	<i>Cuphea hyssopifolia</i>	細葉雪茄花	250(H) x 300(S)	250-300
DIA.VAR.	<i>Dianella tasmanica</i> 'Variegata'	花葉山菅蘭	250(H) x 250(S)	250
LAN.FLA.	<i>Lantana camara</i> 'Flava'	黃花馬纓丹	200(H) x 200(S)	200
LAN.MON.	<i>Lantana montevidensis</i>	小葉馬纓丹	200(H) x 200(S)	200
NEP.AUR.	<i>Nephrolepis auriculata</i> *	腎蕨	300(H) x 300(S)	100-300
OPH.JAP.	<i>Ophiopogon japonicus</i> *	沿階草	200(H) x 200(S)	200

NOTE:

1. ALL PROPOSED PLANT SPECIES AND SPECIFICATIONS ARE SUBJECT TO CHANGE DURING CONSTRUCTION TO SUIT THE SITE CONDITIONS.
2. SHRUB / GROUNDCOVER SHOULD BE PLANTED IN A STAGGERED PATTERN.
3. SIZE OF TREES SHALL REFER TO THE GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS, 2006 EDITION.
4. GRASS SEED AS GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS, CLAUSE 3.26(3).
5. * SPECIES NATIVE TO HONG KONG ACCORDING TO THE HONG KONG HERBARIUM WEBSITE.

Agreement No. CE7/2011(HY)

Tuen Mun - Chek Lap Kok Link - Northern Connection Toll Plaza and Associated Works
Planting Schedule (Contract 3 - HY/2013/12)

Drawing No.: Figure 6.2

Northern Landfall - Roadside Planting

CODE	BOTANICAL NAME	CHINESE NAME	SIZE (mm) HEIGHT (H) X SPREAD (S)	SPACING (mm)
TREE				
BAU.BLA	<i>Bauhinia x blakeana</i> *	洋紫荊	HEAVY STANDARD	4500-5000
BAU.VAR	<i>Bauhinia variegata</i>	宮粉羊蹄甲	HEAVY STANDARD	4500-5000
ELA.API	<i>Elaeocarpus apiculatus</i>	尖葉杜英	HEAVY STANDARD	6000
ELA.HAI	<i>Elaeocarpus hainanensis</i>	水石榕	HEAVY STANDARD	5000
GAR.SUB	<i>Garcinia subelliptica</i>	菲島福木	HEAVY STANDARD	3500-4000
GRE.ROB	<i>Grevillea robusta</i>	銀樺	HEAVY STANDARD	4500-5000
MEL.QUI	<i>Melaleuca quinquenervia</i>	白千層	HEAVY STANDARD	4500-5000
PLU.MUL	<i>Plumeria rubra</i> (multi-colour flower)	雞蛋花(多色花)	HEAVY STANDARD 2000(H) x 2000(S) - 2500(H) x 2500(S)	4000-4500
PLU.RUB	<i>Plumeria rubra</i> (red flower)	雞蛋花(紅花)	HEAVY STANDARD 2000(H) x 2000(S) - 2500(H) x 2500(S)	4000-4500
PLU.RUB(Y)	<i>Plumeria rubra</i> (yellow flower)	雞蛋花(黃花)	HEAVY STANDARD 2000(H) x 2000(S) - 2500(H) x 2500(S)	4000-4500
PON.PIN	<i>Pongamia pinnata</i> *	水黃皮	HEAVY STANDARD	5000-6000
STE.LAN	<i>Sterculia lanceolata</i> *	假蒺藜	HEAVY STANDARD	4500-5000
TER.CAT	<i>Terminalia catappa</i>	欖仁樹	HEAVY STANDARD	5000-7000
VIB.ODO	<i>Viburnum odoratissimum</i> *	珊瑚樹	HEAVY STANDARD	4500-5000
XAN.CHR	<i>Xanthostemon chrysanthus</i>	金蒲桃	HEAVY STANDARD	5000
PALM				
ARE.CAT	<i>Areca catechu</i>	檳榔	3000(H) x 1500(S)	4000
HYO.LAG	<i>Hyophorbe lagenicaulis</i>	酒瓶椰子	2000(H) x 1500(S)	3000
LIV.CHI	<i>Livistona chinensis</i>	蒲葵	3000(H) x 2000(S)	4000-4500
ROY.REG	<i>Roystonea regia</i>	王棕	4000(H) x 2000(S)	4500-5000
WOD.BIF	<i>Wodyetia bifurcata</i>	狐尾椰子	3000(H) x 1500(S)	4500
SHRUB				
CMI	<i>Carmona microphylla</i>	福建茶	300(H) x 300(S)	300
CRE	<i>Cycas revoluta</i>	蘇鐵	500(H) x 600(S)	N/A
DLU	<i>Dyopsis lutescens</i>	散尾葵	2000(H) x 2000(S)	2000
JKA	<i>Juniperus chinensis</i> 'Kaizuca'	龍柏球	600(H) x 600(S)	N/A
ICH	<i>Ixora chinensis</i> *	龍船花	300(H) x 300(S)	300
ICO	<i>Ixora coccinea</i>	橙紅龍船花	300(H) x 300(S)	300
ILU	<i>Ixora coccinea</i> 'Lutea'	黃花龍船花	400(H) x 300(S)	300
IST	<i>Ixora stricta</i>	細葉龍船花	250(H) x 250(S)	250
IWE	<i>Ixora westii</i>	粉紅龍船花	400(H) x 300(S)	300
PTO	<i>Pittosporum tobira</i>	海桐	300(H) x 300(S)	350
PMA	<i>Podocarpus macrophyllus</i> *	羅漢松	600(H) x 500(S)	N/A
PAX	<i>Polyspora axillaris</i> *	大頭茶	300(H) x 300(S)	350
RIN	<i>Rhaphiolepis indica</i> *	車輪梅	300(H) x 300(S)	300-350
RPU	<i>Rhododendron pulchrum</i>	錦繡杜鵑	300(H) x 300(S)	350
RSI	<i>Rhododendron simsii</i> *	紅杜鵑	250(H) x 250(S)	350
RTO	<i>Rhodomyrtus tomentosa</i> *	桃金娘	300(H) x 300(S)	350
STA	<i>Scaevola taccada</i> *	草海桐	300(H) x 300(S)	350
SDA	<i>Schefflera arboricola</i> 'Dazzle'	黃金八葉	300(H) x 300(S)	350
SVA	<i>Schefflera arboricola</i> 'Variegata'	斑葉鵝掌藤 (花葉八葉木)	300(H) x 300(S)	300-350

CODE	BOTANICAL NAME	CHINESE NAME	SIZE (mm) HEIGHT (H) X SPREAD (S)	SPACING (mm)
GROUND COVER				
ADU	<i>Arachis duranensis</i>	蔓花生(金花生)	100(H) x 200(S)	200
AMY	<i>Asparagus densiflorus</i> 'Myersii'	狐尾天冬	300(H) x 300(S)	300
ASP	<i>Asparagus densiflorus</i> 'Sprengeri'	非洲天門冬	100(H) x 200(S)	200
CHY	<i>Cuphea hyssopifolia</i>	細葉萼距花	200(H) x 250(S)	250
CRO	<i>Catharanthus roseus</i>	長春花	200(H) x 200(S)	200
LFL	<i>Lantana camara</i> 'Flava'	黃花馬纓丹	200(H) x 200(S)	200
LMO	<i>Lantana montevidensis</i>	小葉馬纓丹	200(H) x 200(S)	200
NAU	<i>Nephrolepis auriculata</i> *	腎蕨	250(H) x 250(S)	200
WTR	<i>Wedelia trilobata</i>	三裂葉蟛蜞菊	150(H) x 200(S)	200
CLIMBER				
BCO	<i>Bauhinia corymbosa</i>	首冠藤	MIN. 4 SHOOTS PER PLANT, 600mm LONG	300-500
QIN	<i>Quisqualis indica</i>	使君子	MIN. 4 SHOOTS PER PLANT, 600mm LONG	300-500
GRASS				
ACO	<i>Axonopus compressus</i>	大葉草(地毯草)	Whole piece turf 300(L)x300(W)x50(H)	-

NOTE:

1. ALL PROPOSED PLANT SPECIES AND SPECIFICATIONS ARE SUBJECT TO CHANGE DURING CONSTRUCTION TO SUIT THE SITE CONDITIONS.
2. SHRUB / GROUND COVER SHOULD BE PLANTED IN A STAGGERED PATTERN.
3. SIZE OF TREES SHALL REFER TO THE GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS, 2006 EDITION.
4. GRASS SEED AS GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS, CLAUSE 3.26(3).
5. * SPECIES NATIVE TO HONG KONG ACCORDING TO THE HONG KONG HERBARIUM WEBSITE.

Agreement No. CE7/2011(HY)

Tuen Mun - Chek Lap Kok Link - Northern Connection Tunnel Buildings, Electrical and Mechanical Works
Planting Schedule (Contract 4 - HY/2017/10)

Drawing No.: Figure 6.3

Southern Landfall (Contract 1 - HY/2012/07)

CODE	BOTANICAL NAME	CHINESE NAME	SIZE (mm) HEIGHT (H) X SPREAD (S)	SPACING (mm)
TREE				
GRE.ROB.	<i>Grevillea robusta</i>	銀樺	HEAVY STANDARD	4000-5000
PLU.RUB.	<i>Plumeria rubra</i>	雞蛋花(紅)	HEAVY STANDARD 2000(H) x 2000(S) - 2500(H) x 2500(S)	4000-5000
SHRUB				
RUS.EQU.	<i>Russelia equisetiformis</i>	爆竹竹	300(H) x 300(S)	250
GROUNDCOVER				
IPO.PES.	<i>Ipomoea pes-caprae</i> *	海灘牽牛	200(H) x 200(S)	200
LAN.MON.	<i>Lantana montevidensis</i>	小葉馬纓丹 (鋪地臭金鳳)	200(H) x 200(S)	250
OPH.JAP.	<i>Ophiopogon japonicus</i> *	麥冬(沿階草)	150(H) x 200(S)	200
SYN.POD.	<i>Syngonium podophyllum</i>	白蝴蝶	100(H) x 200(S)	200
TRA.SPA.	<i>Tradescantia spathacea</i>	蚌花	200(H) x 300(S)	250
ZEP.ROS.	<i>Zephyranthes rosea</i>	玫瑰蔥蓮	100(H) x 200(S)	150
CLIMBER				
MON.DEL.	<i>Monstera deliciosa</i>	龜背竹	MIN. 5 SHOOTS PER PLANT, 300mm LONG	500
HYDROSEEDING / GRASS				
-	HYDROSEEDING	噴草	-	-
ZOY.JAP.	<i>Zoysia japonica</i>	朝鮮草	300(L)x300(W)x50(H)	N/A

NOTE:

1. ALL PROPOSED PLANT SPECIES AND SPECIFICATIONS ARE SUBJECT TO CHANGE DURING CONSTRUCTION TO SUIT THE SITE CONDITIONS.
2. SHRUB / GROUNDCOVER SHOULD BE PLANTED IN A STAGGERED PATTERN.
3. SIZE OF TREES SHALL REFER TO THE GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS, 2006 EDITION.
4. GRASS SEED AS GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS, CLAUSE 3.26(3).
5. * SPECIES NATIVE TO HONG KONG ACCORDING TO THE HONG KONG HERBARIUM WEBSITE.
6. THE PLANT SPECIES ALLOWED FOR PLANTING IN EACH ZONE STATED IN THE HONG KONG INTERNATIONAL AIRPORT (HKIA) APPROVED PLANT SPECIES LIST (Revision. 4.0.1: October 2015).

Southern Landfall (Contract 4 - HY/2017/10)

CODE	BOTANICAL NAME	CHINESE NAME	SIZE (mm) HEIGHT (H) X SPREAD (S)	SPACING (mm)
TREE				
CV	<i>Callistemon viminalis</i>	串錢柳	HEAVY STANDARD	4000-5000
GR	<i>Grevillea robusta</i>	銀樺	HEAVY STANDARD	4000-5000
PRR	<i>Plumeria rubra</i> (red flower)	雞蛋花(紅花)	HEAVY STANDARD 2000(H) x 2000(S) - 2500(H) x 2500(S)	4000-5000
PRY	<i>Plumeria rubra</i> (yellow flower)	雞蛋花(黃花)	HEAVY STANDARD 2000(H) x 2000(S) - 2500(H) x 2500(S)	4000-5000
PLU.MUL	<i>Plumeria rubra</i> (multi-colour flower)	雞蛋花(多色花)	HEAVY STANDARD 2000(H) x 2000(S) - 2500(H) x 2500(S)	4000-5000
GROUNDCOVER				
IPE	<i>Ipomoea pes-caprae</i> *	海灘牽牛	150(H) x 200(S)	200
LMO	<i>Lantana montevidensis</i>	小葉馬纓丹 (鋪地臭金鳳)	200(H) x 300(S)	200
OJA	<i>Ophiopogon japonicus</i> *	麥冬(沿階草)	100(H) x 100(S)	100
SPO	<i>Syngonium podophyllum</i>	白蝴蝶	100(H) x 200(S)	200
TSP	<i>Tradescantia spathacea</i> 'dwarf'	矮蚌花	100(H) x 100(S)	100
WTR	<i>Wedelia trilobata</i>	三裂葉蟛蜞菊	150(H) x 200(S)	200
GRASS				
ZJA	<i>Zoysia japonica</i>	朝鮮草	300(L)x300(W)x50(H)	N/A

NOTE:

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3. SIZE OF TREES SHALL REFER TO THE GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS, 2006 EDITION.
4. GRASS SEED AS GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS, CLAUSE 3.26(3).
5. * SPECIES NATIVE TO HONG KONG ACCORDING TO THE HONG KONG HERBARIUM WEBSITE.
6. THE PLANT SPECIES ALLOWED FOR PLANTING IN EACH ZONE STATED IN THE HONG KONG INTERNATIONAL AIRPORT (HKIA) APPROVED PLANT SPECIES LIST (Revision. 4.0.1: October 2015).

Slope Planting

BOTANICAL NAME	CHINESE NAME	SIZE (mm) HEIGHT (H) X SPREAD (S)	SPACING (mm)
TREE			
<i>Bauhinia variegata</i>	宮粉羊蹄甲	LIGHT STANDARD	4000
<i>Bischofia javanica</i> *	秋楓	LIGHT STANDARD	5000
<i>Bridelia tomentosa</i> *	土密樹	LIGHT STANDARD	3000
<i>Cassia fistula</i>	豬腸豆	LIGHT STANDARD	5000
<i>Cassia javanica</i>	節果決明	LIGHT STANDARD	5000
<i>Castanopsis fissa</i> *	裂斗錐栗	LIGHT STANDARD	5000-6000
<i>Chorisia speciosa</i>	美人樹	LIGHT STANDARD	4000
<i>Cinnamomum camphora</i> *	樟	LIGHT STANDARD	6000
<i>Clerodendrum quadriloculare</i>	煙火樹	LIGHT STANDARD	4000
<i>Cyclobalanopsis myrsinifolia</i> *	小葉青岡	LIGHT STANDARD	4000
<i>Elaeocarpus balansae</i>	大葉杜英	LIGHT STANDARD	3000
<i>Elaeocarpus chinensis</i> *	中華杜英	LIGHT STANDARD	3000
<i>Elaeocarpus sylvestris</i> *	山杜英	LIGHT STANDARD	3000
<i>Dombeya wallichii</i>	吊芙蓉	LIGHT STANDARD	4000
<i>Ficus altissima</i>	高山榕	LIGHT STANDARD	5000
<i>Ficus microcarpa</i> *	細葉榕	LIGHT STANDARD/ HEAVY STANDARD	5000
<i>Ilex rotunda</i> var. <i>microcarpa</i> *	小果鐵冬青	LIGHT STANDARD	3000
<i>Jacaranda mimosifolia</i>	藍花楸	LIGHT STANDARD	5000
<i>Koelreuteria</i> spp.	複羽葉欒樹	LIGHT STANDARD	4000-5000
<i>Lagerstroemia indica</i>	紫薇	LIGHT STANDARD	3000
<i>Lagerstroemia speciosa</i>	大花紫薇	LIGHT STANDARD	4000
<i>Liquidambar formosana</i> *	楓香	LIGHT STANDARD	5000-6000
<i>Machilus breviflora</i> *	短序潤楠	LIGHT STANDARD	3000
<i>Machilus chekiangensis</i> *	浙江潤楠	LIGHT STANDARD	3000-5000
<i>Magnolia grandiflora</i>	荷花玉蘭	LIGHT STANDARD	4000
<i>Magnolia liliiflora</i>	紫玉蘭	LIGHT STANDARD	3000
<i>Michelia chapensis</i> *	樂昌含笑	LIGHT STANDARD	3000-6000
<i>Michelia maudiae</i> *	深山含笑	LIGHT STANDARD	4000
<i>Pandanus tectorius</i> *	林投樹	LIGHT STANDARD	4000
<i>Plumeria rubra</i>	紅雞蛋花	2000mm (H) x 2000mm (S)	4000
<i>Polyspora axillaris</i> *	大頭茶	LIGHT STANDARD	3000
<i>Pongamia pinnata</i> *	水黃皮	LIGHT STANDARD	5000
<i>Prunus incisa</i>	富士櫻	LIGHT STANDARD	3000
<i>Reevesia thyrsoidea</i> *	梭羅樹	LIGHT STANDARD	3000-4000
<i>Sapium discolor</i> *	山烏桕	LIGHT STANDARD	5000
<i>Sapium sebiferum</i> *	烏桕	LIGHT STANDARD	3000
<i>Schefflera heptaphylla</i> *	鵝掌柴	LIGHT STANDARD	3000-6000
<i>Schima superba</i> *	木荷	LIGHT STANDARD	3000-5000
<i>Sterculia lanceolata</i> *	假蒺藜	LIGHT STANDARD	3000-4000
<i>Syzygium hancei</i> *	韓氏蒲桃	LIGHT STANDARD	3000-5000
<i>Syzygium levinei</i> *	山蒲桃	LIGHT STANDARD	3000-6000
<i>Tabebuia chrysantha</i>	黃金風鈴木	LIGHT STANDARD	3000-4000
<i>Tabebuia rosea</i>	紅花風鈴木	LIGHT STANDARD	4000
<i>Vernicia fordii</i>	油桐	LIGHT STANDARD	5000
<i>Viburnum odoratissimum</i> *	珊瑚樹	LIGHT STANDARD	3000-6000
<i>Xanthostemon chrysanthus</i>	金蒲桃	LIGHT STANDARD	3000
<i>Yulania denudata</i>	白玉蘭	LIGHT STANDARD	4000
<i>Yulania x soulangeana</i>	二喬木蘭	LIGHT STANDARD	4000

BOTANICAL NAME	CHINESE NAME	SIZE (mm) HEIGHT (H) X SPREAD (S)	SPACING (mm)
PALM			
<i>Bismarckia nobilis</i>	霸王棕	Medium Palm 3m overall height	4000
<i>Livistona chinensis</i>	蒲葵	Medium Palm 1.5m & 2.5m(H) trunk	2000
<i>Ravenala madagascariensis</i>	旅人蕉	Medium Palm 2.5m(H) overall	2000
<i>Roystonea regia</i>	王棕	Large Palm 3m(H) trunk	3000

NOTE:

- ALL PROPOSED PLANT SPECIES AND SPECIFICATIONS ARE SUBJECT TO CHANGE DURING CONSTRUCTION TO SUIT THE SITE CONDITIONS AND MARKET AVAILABILITY.
- SIZE OF TREES SHALL REFER TO THE GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS, 2006 EDITION.
- * SPECIES NATIVE TO HONG KONG ACCORDING TO THE HONG KONG HERBARIUM WEBSITE.

Appendix J

Cumulative Statistics of Complaint, Summon and Prosecution

Table J-1 Statistical Summary of Environmental Complaints

Reporting Period	Environmental Complaint Statistics					
	Frequency	Cumulative	Complaint Nature			
			Air	Noise	Water	Others
September 2024	0	0	NA	NA	NA	NA
Cumulative since contract commencement	0	0	NA	NA	NA	NA

Table J-2 Statistical Summary of Environmental Summons

Reporting Period	Environmental Summons Statistics				
	Frequency	Cumulative	Complaint Nature		
			Air	Noise	Water
September 2024	0	0	NA	NA	NA
Cumulative since contract commencement	0	0	NA	NA	NA

Table J-3 Statistical Summary of Environmental Prosecution

Reporting Period	Environmental Prosecution Statistics				
	Frequency	Cumulative	Complaint Nature		
			Air	Noise	Water
September 2024	0	0	NA	NA	NA
Cumulative since contract commencement	0	0	NA	NA	NA