



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

1<sup>ST</sup> MONTHLY ENVIRONMENTAL MONITORING AND  
AUDIT (EM&A) REPORT– JUNE 2022 FOR  
ESTABLISHMENT PERIOD

PREPARED FOR  
WING HO YUEN LANDSCAPING CO., LTD

Date	Reference No.	Prepared By	Certified By
19 July 2022	TCS01230/21/600/R0019v2	 Martin Li (Environmental Consultant)	 Ben Tam (Environmental Team Leader)

Version	Date	Remarks
1	14 July 2022	First Submission
2	19 July 2022	Amended according to the IEC's comment on 15 July 2022

Our Ref: TCS01230/21/300/L0022

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

**Attn: Mr. K P Wong**

**15 August 2022**  
By Email

Dear Sir,

**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**  
**1<sup>st</sup> Monthly Environmental Monitoring and Audit (EM&A) Report – June 2022**

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We write to certify the 1<sup>st</sup> Monthly Environmental Monitoring and Audit (EM&A) Report –June 2022 (TCS01230/21/600/R0019v2) 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. Ramboll (IEC) Mr. Brian Tam By email  
Hong Kong Landscaping Co., Ltd Mr. S.C. Wong By email  
(Contractor)

12 August 2022

By Fax (2293 6300) and By Post

AECOM Asia Co. Ltd.  
Supervising Officer Representative's Office  
No. 8 Mong Fat Street, Tuen Mun,  
New Territories, Hong Kong

Attention: Mr. K P Wong

Dear Sir,

**Re: Agreement No. CE 48/2011 (EP)  
Environmental Project Office for the  
HZMB Hong Kong Link Road, HZMB Hong Kong Boundary Crossing Facilities, and  
Tuen Mun-Chek Lap Kok Link – Investigation**


**Contract No. HY/2021/13  
Provision of Remaining Compensation Tree Planting for the Tuen Mun – Chek Lap  
Kok Link Project  
Monthly EM&A Report for June 2022 (EP-354/2009/D)**

Reference is made to the Monthly EM&A Report for June 2022 (ET's ref.: "TCS01230/21/300/L0019v2" dated 19 July 2022) certified by the ET Leader and provided to us via e-mail on 3 August 2022.

Please be informed that we have no adverse comments on the captioned Report. We write to verify the captioned submission in accordance with Condition 4.4 of EP-354/2009/D.

Thank you very much for your attention and please feel free to contact the undersigned should you require further information.

Yours faithfully,  
For and on behalf of  
Ramboll Hong Kong Limited



Brian Tam  
Independent Environmental Checker  
Tuen Mun – Chek Lap Kok Link

c.c.

HyD	Attn.: Mr. Eric Wong	(By Fax: 3188 6614)
HyD	Attn.: Ms. Maggie Lai	(By Fax: 3188 6614)
AUES	Attn.: Mr. Ben Tam	(By Fax: 2959 6079)
HK Landscaping	Attn.: Ms. Miranda Mak	(By Fax: 5803 0800)

### EXECUTIVE SUMMARY

ES01 This is the 1<sup>st</sup> Monthly EM&A Report presenting the monitoring results and inspection findings for the period from **21 to 30 June 2022** (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:-

- Environmental Site Inspection – **2 events**
- Landscape & Visual Monitoring – **2 events**

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

### SITE INSPECTION

ES04 In the Reporting Period, joint site inspection by the RE, ET and the Contractor was carried out on **23<sup>rd</sup> and 29<sup>th</sup> June 2022** and the IEC has attended the joint site inspection on **23<sup>rd</sup> June 2022**. No non-compliance and observation was recorded during the site inspection.

### 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	<b>0</b>	<b>0</b>
June 2022	<b>0</b>	<b>0</b>

### NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTIONS

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

### REPORTING CHANGE

ES08 No reporting changes were made in the Reporting Period.

### FUTURE KEY ISSUES

ES09 During the wet season, muddy water or other water pollutants from site surface runoff into the public areas will be key environment issue. Special attention should be paid on the water quality mitigation measures to prevent surface runoff flow to public area.

ES10 Although in wet season, air quality mitigation measures such as watering of site area for at least 12 times per day and covering of exposed slopes should be fully implemented to reduce construction dust impact as recommended in the EMIS.

ES11 It was reminded that good housekeeping practice should be maintained. Mosquito control measures should be properly implemented to prevent mosquito breeding on site especially after rain.



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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.
- 1.1.5 The construction works of the Contract mainly include:-  
a. Provision of Remaining Compensation Tree Planting at Tuen Mun and Lantau Island Area fulfil the quantity of compensation tree stated in the approved EIA Report.
- 1.1.6 This is 1<sup>st</sup> monthly EM&A report presenting the inspection findings for period from **21 to 30 June 2022**.

### 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 Contract Organization and Construction Progress and Environmental Submissions*
  - Section 3 Summary of Environmental Requirements under the Contract*
  - Section 4 Landscape and Visual*
  - Section 5 Waste Management*
  - Section 6 Inspections and Audit*
  - Section 7 Environmental Complaints and Non-Compliance*
  - Section 8 Implementation Status of Mitigation Measures*
  - Section 9 Conclusions and Recommendations*

## 2 CONTRACT ORGANIZATION AND CONSTRUCTION PROGRESS AND ENVIRONMENTAL SUBMISSIONS

### 2.1 CONTRACT ORGANIZATION

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

### 2.2 CONSTRUCTION PROGRESS

2.2.1 In the Reporting Period, the major construction activity conducted under the Contract is summarized in below. The three-months rolling programme of the Contract is enclosed in [Appendix D](#).

- Tree Planting Works at Slope 5SE-D/F73 San Shek Wan Road.

### 2.3 SUMMARY OF ENVIRONMENTAL SUBMISSIONS

2.3.1 The environmental submissions under the EP requirement had been submitted to the EPD and they are listed in below:

- Landscape and Visual Plan
- Waste Management Plan

2.3.2 Summary of environmental permits, licenses and notifications for the Contract is presented in [Table 2-1](#).

**Table 2-1 Status of Environmental Licenses and Permits of the Contract**

No.	Type of Permit/ License	Reference/ License No.	Date of Issue	Date of Expiry
1	Air pollution Control (Construction Dust) Regulation	Nil	NA	NA
2	Chemical Waste Producer Registration - Waste Producers Number	Nil	NA	NA
3	Water Pollution Control Ordinance -Variation of Effluent Discharge License	Nil	NA	NA
4	Waste Disposal Regulation - Billing Account for Disposal of Construction Waste	7042684	24 December 2021	Nil

### **3 SUMMARY OF IMPACT ENVIRONMENTAL REQUIREMENTS UNDER THE CONTRACT**

#### **3.1 GENERAL**

3.1.1 The major construction activities under the Contract are land-based and no marine work will be involved. In accordance with the Project EM&A Manual requirements, the environmental aspects under the Contract shall be included landscape and visual, site inspection during construction period. In addition, audit of the contractor's implementation of the air quality, construction noise and land-based water quality pollution control measures are also required for the Contract.

3.1.2 A summary of construction phase EM&A requirements are presented in the sub-sections below.

#### **3.2 ENVIRONMENTAL ASPECTS**

##### **Air**

3.2.1 Considering that the construction activities under the Works Contract shall be a small scale works in a short period of time. If properly dust mitigation measures are implemented, significant air quality impact generated from construction activities of the Works Contract is not anticipated. Therefore, no monitoring is required for the Contract.

3.2.2 Regular site inspections and audits will be carried out during the construction phase in order to confirm compliance with the regulatory requirements and conformity of the Contractor with regard to air quality control and contract conditions.

##### **Noise**

3.2.3 Considering that the construction activities under the Works Contract shall be a small scale works in a short period of time and no PME will be used during the planting works. If properly noise mitigation measures are implemented, significant noise impact generated from construction activities of the Works Contract is not anticipated. Therefore, no monitoring is required for the Contract.

3.2.4 Regular site inspections and audits will be carried out during the construction phase in order to confirm the construction works under the Contract comply with the regulatory noise requirements.

##### **Water Quality**

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

##### **Ecology**

3.2.6 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.

3.2.7 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**

3.2.8 Measures to mitigate landscape and visual impact during construction should be checked and monitored to ensure compliance with the intended aims of the mitigation measures in accordance with the EM&A Manual.

*Cultural Heritage*

- 3.2.9 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*

- 3.2.10 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.

**4 LANDSCAPE AND VISUAL****4.1 GENERAL**

4.1.1 According to EM&A Manual requirements, monitoring of Contractor's operations during construction period to report on Contractor's compliance should be carried out on weekly basis. Measure to mitigate landscape and visual impact during construction should be checked and monitored by a Registered Landscape Architect to ensure compliance with the intended aims of the mitigation measures. Moreover, the progress of the engineering works shall be regularly reviewed on site to identify the earliest practical opportunities for the landscape works to be undertaken.

**4.2 LANDSCAPE AND VISUAL INSPECTION**

4.2.1 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 4-1](#) and the layout plan for the planting zone is illustrated in [Appendix E](#).

**Table 4-1 Details of Provision of Remaining Compensation Tree Planting Works Areas**

Works Area	Location	Proposed Use
<b>Tuen Mun</b>		
Portion A1	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 54	
	Slope 5SE-B/F 70	
Portion A4	Slope 5SE-D/F 73	
Portion A5	Slope 6SW-C/FR 200	
Portion A6	Slope 6SW-C/F 233	
	Slope 6SW-D/FR 279	
Portion A7	Slope 6SW-D/FR 320	
<b>Lantau</b>		
Portion B	Slope 9SE-B/F 34	Works area for compensation tree planting
	Slope 9SE-B/F 35	
	Slope 9SE-B/F 56	
	Slope 9SE-B/F 74	
	Slope 9SE-B/F 75	
Portion C	Slope 10NW-D/F 86	Works area for compensation tree planting
	Slope 10NW-D/F 88	
	Slope 10NW-D/FR 89	
	Slope 10NW-D/FR 90	
	Slope 10NE-C/F 4	
Portion D	Slope 10NE-C/F 5	No additional tree planting works in this area, respond to maintenance the existing planting area from the Contract HY/2012/07 & HY/2017/10
	Southern Landfall	

4.2.2 In the Reporting Period, site inspection for landscape and visual mitigation measures was undertaken on **23<sup>rd</sup> and 29<sup>th</sup> June 2022** by the Registered Landscape Architect. The detailed inspection checklists were provided in [Appendix F](#).

4.2.3 In the event of non-compliance the responsibilities of the relevant parties is detailed in the Event/ Action Plan in [Appendix G](#).

## 5 WASTE MANAGEMENT

### 5.1 GENERAL WASTE MANAGEMENT

5.1.1 Waste management was carried out by an on-site Environmental Officer or an Environmental Supervisor from time to time. The effective management of waste arising during the construction phase will be monitored through the site audit programme. The aims of the waste audit are:

- to ensure the waste arising from the works are handled, stored, collected, transferred and disposed of in an environmentally acceptable manner; and
- to encourage the reuse and recycling of material.

5.1.2 In addition to the site inspections, the ET shall review the documentation procedures prepared by the Waste Coordinator once a week to ensure proper records are being maintained and procedures undertaken in accordance with the Waste Management Plan.

### 5.2 RECORDS OF WASTE QUANTITIES

5.2.1 All types of waste arising from the construction work are classified into the following:

- Construction & Demolition (C&D) Material;
- Chemical Waste;
- General Refuse; and
- Excavated Soil.

5.2.2 The quantities of wastes generated under the Contract in this Reporting Period are summarized in [Tables 5-1](#) and [5-2](#) and the Monthly Summary Waste Flow Table is shown in [Appendix H](#). Whenever possible, materials were reused on-site as far as practicable.

**Table 5-1 Summary of Quantities of Inert C&D Materials**

Type of Waste	Quantity	Disposal Location
Reused in this Contract (Inert) (‘000m <sup>3</sup> )	0.000	-
Reused in other Projects (Inert) (‘000m <sup>3</sup> )	0.000	-
Disposal as Public Fill (Inert) (‘000m <sup>3</sup> )	0.000	Tuen Mun Area 38

**Table 5-2 Summary of Quantities of C&D Wastes**

Type of Waste	Quantity	Disposal Location
Recycled Metal (‘000kg)	0	-
Recycled Paper / Cardboard Packaging (‘000kg)	0	-
Recycled Plastic (‘000kg)	0	-
Chemical Wastes (‘000kg)	0	-
General Refuses (‘000m <sup>3</sup> )	0	-



## 6 INSPECTION AND AUDIT

### 6.1 SITE INSPECTION

6.1.1 According to the approved EM&A Manual, the environmental site inspection shall be formulated by ET Leader on weekly basis to confirm the environmental performance of the construction site.

#### *Findings / Deficiencies During Reporting Period*

6.1.2 In the Reporting Period, joint site inspections to evaluate site environmental performance were carried out by the RE, ET and the Contractor on **23<sup>rd</sup> and 29<sup>th</sup> June 2022**. No non-compliance and observation were recorded during site inspection. Moreover, ENPO/IEC has attended joint site inspection on **23<sup>rd</sup> June 2022**.

6.1.3 The findings / deficiencies observed during the weekly site inspection in the Reporting Period are listed in **Table 6-1**.

**Table 6-1 Site Observations for the Contract**

Date	Findings / Deficiencies	Follow-Up Status
23 June 2022	• Nil	• NA
29 June 2022	• Nil	• NA

6.1.4 No outstanding deficiency remained to be rectified in previous Reporting Period which presented in **Table 6-2**.

**Table 6-2 Outstanding Items in Site Inspection of previous Reporting Period**

Date	Findings / Deficiencies	Follow-Up Status
--	• NA	• NA

6.1.5 Air quality mitigation measures such as watering of site area for at least 12 times per day and covering of exposed slopes should be implemented during the construction period to reduce construction dust impact as recommended in the EMIS.

6.1.6 Good site practice for daily housekeeping is reminded. In addition, stagnant water should be removed as soon as possible after rain to prevent mosquito breeding on site.

6.1.7 Moreover, muddy water or other water pollutants from site surface runoff shall not be discharged into public areas. Water quality mitigation measures to prevent surface runoff into the public areas should be paid on special attention.

## 7 ENVIRONMENTAL COMPLAINT AND NON-COMPLIANCE

### 7.1 ENVIRONMENTAL COMPLAINT, SUMMONS AND PROSECUTION

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

7.1.2 The statistical summary table of environmental complaint, summons and prosecution are presented in [Tables 7-1, 7-2 and 7-3](#) and the cumulative statistics of complaint, summons and prosecution are illustrated in [Appendix J](#).

**Table 7-1 Statistical Summary of Environmental Complaints**

Reporting Period	Environmental Complaint Statistics					
	Frequency	Cumulative	Complaint Nature			
			Air	Noise	Water	Others
June 2022	0	0	NA	NA	NA	NA

**Table 7-2 Statistical Summary of Environmental Summons**

Reporting Period	Environmental Summons Statistics				
	Frequency	Cumulative	Complaint Nature		
			Air	Noise	Water
June 2022	0	0	NA	NA	NA

**Table 7-3 Statistical Summary of Environmental Prosecution**

Reporting Period	Environmental Prosecution Statistics				
	Frequency	Cumulative	Complaint Nature		
			Air	Noise	Water
June 2022	0	0	NA	NA	NA

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

## 8 IMPLEMENTATION STATUS OF MITIGATION MEASURES

### 8.1 GENERAL REQUIREMENTS

- 8.1.1 The environmental mitigation measures that recommended in the Environmental Mitigation and Enhancement Measures Implementation Schedule (EMIS) for in the Project EM&A Manual covered the issues of air quality, cultural heritage, ecology, landfill gas hazard, landscape & visual, noise, water and waste. The EMIS for the Contract is shown in [Appendix I](#).
- 8.1.2 The Contractor shall implement the required environmental mitigation measures according to the EM&A Manual as subject to the site condition. The environmental mitigation measures implemented by the Contractor in this Reporting Period are summarized in [Table 8-1](#) and [Appendix I](#).

**Table 8-1 Environmental Mitigation Measures**

Issues	Environmental Mitigation Measures
Air Quality	<ul style="list-style-type: none"> <li>Sprayed water for exposed area</li> <li>During transportation by truck, materials loaded lower than the side and tail boards, and covered before transport</li> <li>Compacted all soil stockpiles</li> </ul>
Water Quality	<ul style="list-style-type: none"> <li>Measures should be taken to prevent the washout of construction materials, soil, silt or debris into any drainage system.</li> <li>Open stockpiles of construction materials (e.g. planting soil) on site should be covered with tarpaulin or similar fabric during rainstorms.</li> </ul>
Noise	<ul style="list-style-type: none"> <li>No operation of powered mechanical equipment is allowed during restricted hours from 19:00 to 07:00 on the following day and whole day during Sunday and public holiday without construction noise permit (CNP)</li> <li>Keep good maintenance of plants</li> <li>Shut down the plants when not in use</li> </ul>
Landscape and Visual	<ul style="list-style-type: none"> <li>Existing trees on boundary of the Project Area shall be carefully protected during construction.</li> <li>Recycle/Reuse all felled trees and vegetation</li> <li>Compensatory tree planting shall be provided to the satisfaction of relevant Government departments.</li> </ul>
Waste and Chemical Management	<ul style="list-style-type: none"> <li>On-site sorting prior to disposal</li> <li>Follow requirements and procedures of the “Trip-ticket System”</li> <li>Stockpiled material shall be covered by tarpaulin</li> </ul>
General	<ul style="list-style-type: none"> <li>The site was generally kept tidy and clean.</li> </ul>

### 8.2 TENTATIVE CONSTRUCTION ACTIVITIES IN THE COMING MONTH

- 8.2.1 Construction activities as undertaken in the coming month for the Contract lists below:
- Tree planting works at Tuen Mun Area.

### 8.3 KEY ENVIRONMENTAL ISSUES FOR THE COMING MONTH

8.3.1 Key environmental issues to be considered in the coming month include:

- Implementation of dust suppression measures at all times;
- Potential wastewater quality impact due to surface runoff;
- Potential fugitive dust impact due to the dry/loose/exposure soil surface/dusty material;
- Ensure dust suppression measures are implemented properly;
- Sediment catch-pits and silt removal facilities should be regularly maintained;
- Protection of existing trees inside the works area
- Follow-up of improvement on general waste management issues; and
- Implementation of construction noise preventative control measures

## 9 CONCLUSIONS AND RECOMMENDATIONS

### 9.1 CONCLUSIONS

- 9.1.1 This is 1<sup>st</sup> monthly EM&A report presenting the inspection findings for the period of 21 to 30 June 2022.
- 9.1.2 The planting works for the Contract No. HY/2021/13 was commenced on 21 June 2022.
- 9.1.3 In the Reporting Period, no complaint was received by RE, the Contractor, ENPO or HyD.
- 9.1.4 No notifications of summons, or successful prosecution were received by the Contractor during the Reporting Period.
- 9.1.5 In the Reporting Period, joint site inspection by the RE, ET and the Contractor was carried out on 23<sup>rd</sup> and 29<sup>th</sup> June 2022 and the IEC has attended the joint site inspection on 23<sup>rd</sup> June 2022. No non-compliance and observation was recorded during the site inspection.

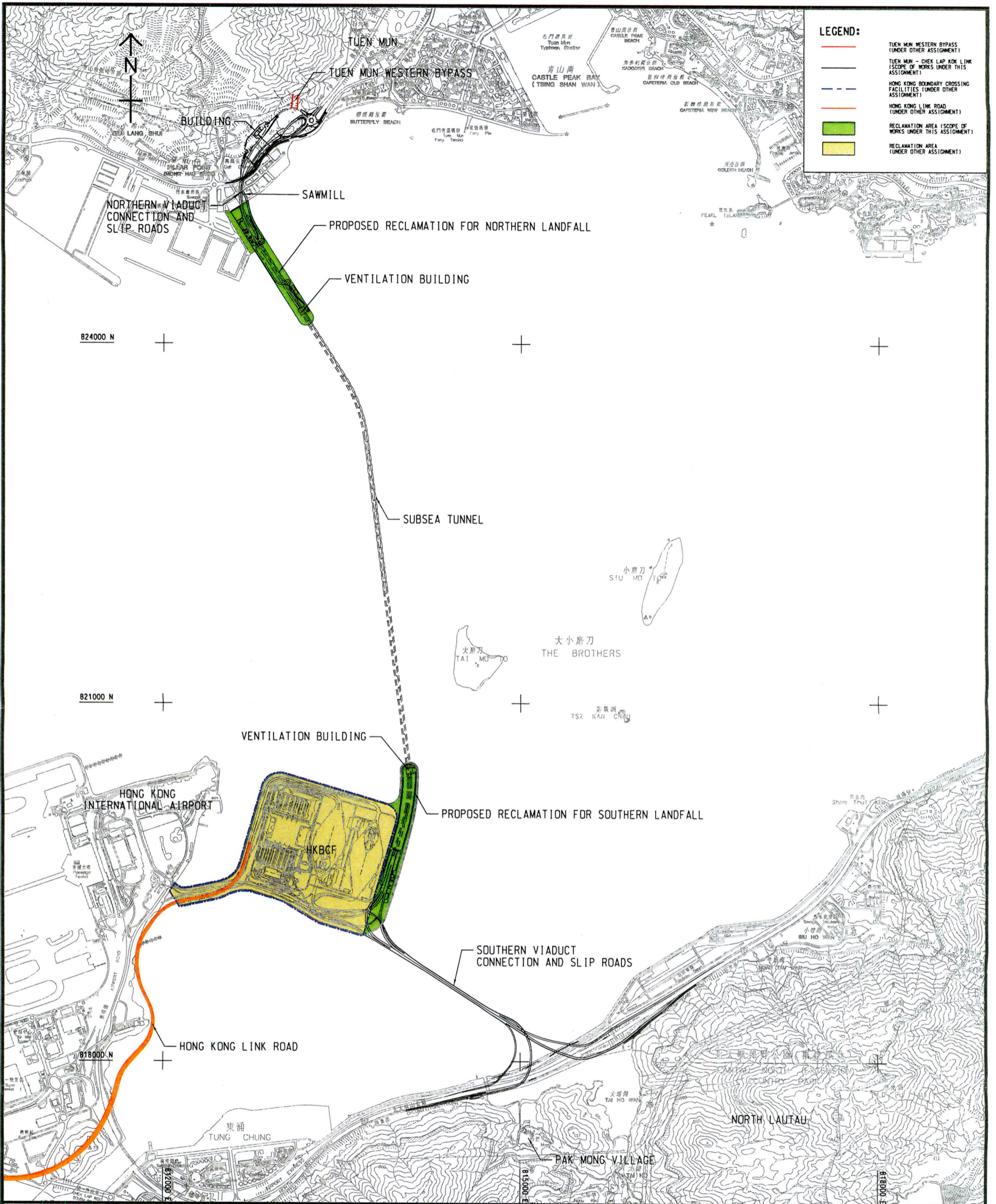
### 9.2 RECOMMENDATIONS

- 9.2.1 During the wet season, muddy water or other water pollutants from site surface runoff into the public areas will be key environment issue. Special attention should be paid on the water quality mitigation measures to prevent surface runoff flow to public area.
- 9.2.2 Although in wet season, air quality mitigation measures such as watering of site area for at least 12 times per day and covering of exposed slopes should be fully implemented to reduce construction dust impact as recommended in the EMIS.
- 9.2.3 Stagnant water should be removed as soon as possible after rain to prevent mosquito breeding on site.

**Appendix A**

**Project Layout Plan**





**Project Title: Tuen Mun - Chek Lap Kok Link**

工程項目名稱: 屯門至赤鱘角連接路

**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



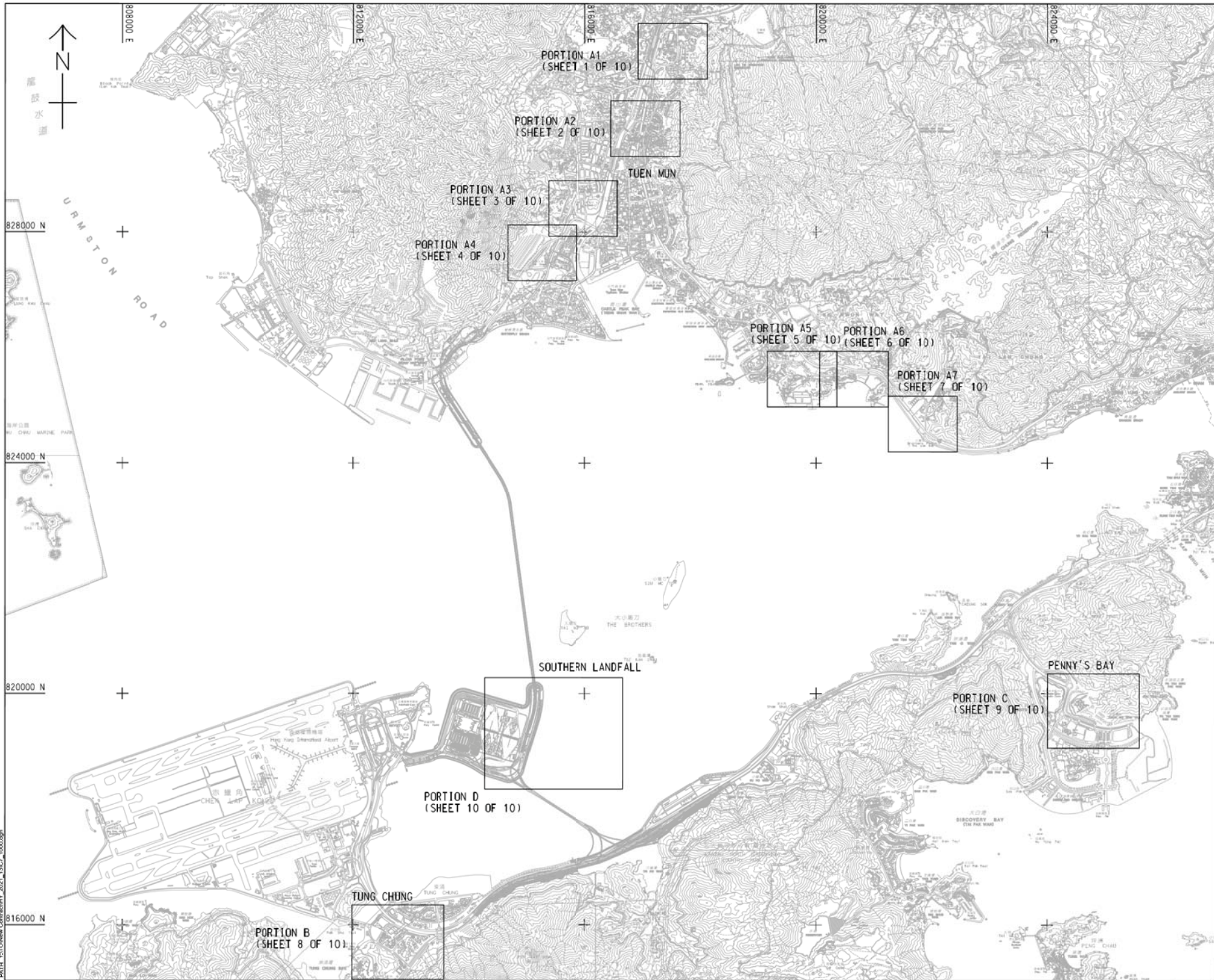
## **Appendix B**

### **Layout Plan of the Contract**



Project Management In-charge: Designer: 828000 N  
 Check: A.C.F. Approved: C.W.N.  
 BSO A1 84mm x 84mm

Plot File by: 8/30/2021  
 DATA: N:\20\New Contract\2021\_13\27\_1000.dgn



# 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 (專責職務)  
 Major Works Project Management Office  
 (Special Duties)

**CONSULTANT**  
 AECOM Asia Company Ltd.  
 www.aecom.com

**SUB-CONSULTANTS**  
 中興工程顧問公司

**ISSUE/REVISION**

NO.	DATE	DESCRIPTION	CHK.
-	SEP. 21	TENDER DRAWING	CWN

**STATUS**  
 圖則

**SCALE** DIMENSION UNIT  
 A1 1:30000 METERS

**KEY PLAN**

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

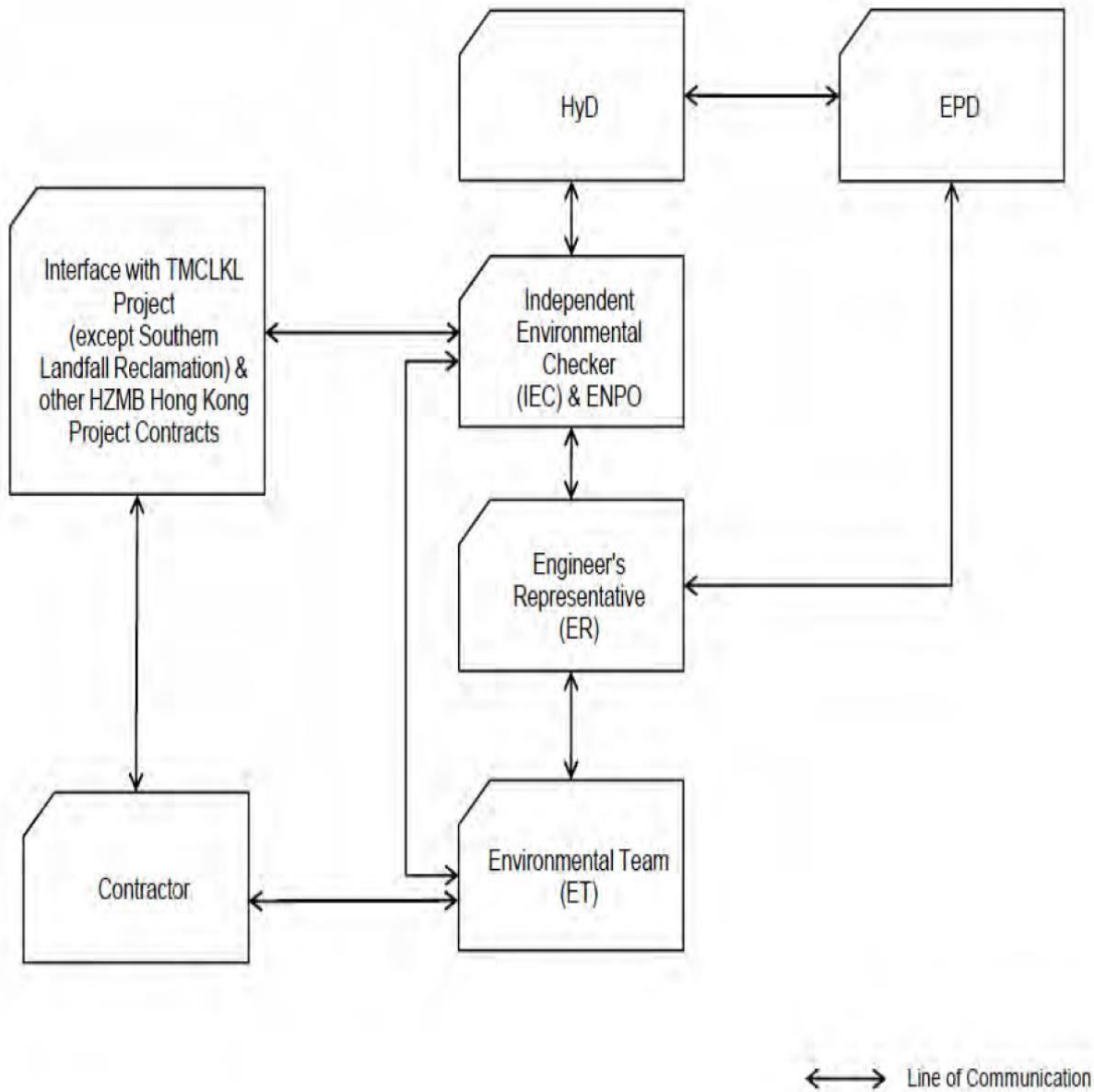
**SHEET TITLE**  
 LOCATION PLAN AND KEY PLAN

**SHEET NUMBER**  
 60240249/C7/1000

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## **Appendix C**

### **Organization of the Contract**



**Project Organization chart**

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

<b>Organization</b>	<b>Project Role</b>	<b>Name of Key Staff</b>	<b>Tel No</b>	<b>Fax No.</b>
HyD	Employer	Mr. Xavier Yam	2762 3615	3188 6614
AECOM	Senior Resident Engineer (S&E)	Mr. KP Wong	9192 6903	2293 6300
AECOM	Senior RLA	Ms. Candy Lau	9382 4078	2293 6300
Ramboll	Environmental Project Office Leader (ENPO Leader)	Mr. YH Hui	3465 2850	3465 2899
Ramboll	Independent Environmental Checker (IEC)	Mr. Adi Lee	3465 2851	3465 2899
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.**CKJV (Main Contractor) – CRBC-Kaden Joint Venture**Ramboll (ENPO and IEC) – Ramboll Hong Kong Limited**AUES (ET) – Action-United Environmental Services & Consulting**HKL(RLA) – Hong Kong Landscape*

## **Appendix D**

### **Three-Months Rolling Programme**

ID	Task Name	Start	Finish	Duration	3rd Quarter			
					Jun	Jul	Aug	Sep
1	<b>Contract No. HY/2021/13</b>	<b>Mon 13-12-21</b>	<b>Mon 10-02-25</b>	<b>1156 days</b>				
2	Commencement of Works	Mon 13-12-21	Mon 13-12-21	0 days				
3								
4	<b>Submission</b>	<b>Mon 13-12-21</b>	<b>Tue 31-05-22</b>	<b>170 days</b>				
5	Initial Works Programme	Mon 13-12-21	Tue 14-12-21	2 days				
6	Contractor's Organization	Mon 13-12-21	Sun 26-12-21	14 days				
7	Three-month rolling programme	Mon 13-12-21	Tue 21-12-21	9 days				
8	Safety Plan	Mon 13-12-21	Tue 21-12-21	9 days				
9	Environmental Management Plan	Mon 13-12-21	Tue 28-12-21	16 days				
10	Sub-contractor Management Plan	Mon 13-12-21	Thu 06-01-22	25 days				
11	Environmental Team and Environmental Team Leader	Mon 13-12-21	Sun 19-12-21	7 days				
12	Ornithological Consultant	Mon 13-12-21	Fri 21-01-22	40 days				
13	Contract Specific EM & A Manual	Mon 13-12-21	Sun 09-01-22	28 days				
14	Method Statement of Tree Presevation and Protection	Sat 02-04-22	Thu 19-05-22	48 days				
15	Method Statement of Tree Felling	Sun 06-03-22	Fri 22-04-22	48 days				
16	Method Statement of Planting	Sat 02-04-22	Tue 31-05-22	60 days				
17	Material Submission	Mon 31-01-22	Tue 31-05-22	121 days				
18								
19	<b>Section 1 (Portion A1 to A7, B and C)</b>	<b>Wed 29-12-21</b>	<b>Sun 12-02-23</b>	<b>411 days</b>				
20	<b>Tree Survey</b>	<b>Thu 13-01-22</b>	<b>Tue 31-05-22</b>	<b>139 days</b>				
21	Portion A1- 6NW-C/F153	Thu 03-03-22	Thu 17-03-22	15 days				
22	Portion A2- 6SW-A/F25	Fri 11-03-22	Tue 26-04-22	47 days				
23	Portion A3- 5SE-B/F89	Mon 14-03-22	Fri 22-04-22	40 days				
24	Portion A3- 5SE-B/F70	Fri 18-02-22	Fri 04-03-22	15 days				
25	Portion A4- 5SE-D/F73	Tue 08-03-22	Tue 22-03-22	15 days				

Date: 20 June 2022  
 Rev.: 0

Task		Inactive Task		Manual Summary Rollup		External Milestone		Manual Progress	
Split		Inactive Milestone		Manual Summary		Deadline			
Milestone		Inactive Summary		Start-only		Critical			
Summary		Manual Task		Finish-only		Critical Split			
Project Summary		Duration-only		External Tasks		Progress			



ID	Task Name	Start	Finish	Duration	3rd Quarter			
					Jun	Jul	Aug	Sep
26	Portion A5- 6SW-C/FR200	Fri 01-04-22	Sat 30-04-22	30 days				
27	Portion A6- 6SW-C/F233	Fri 01-04-22	Sat 30-04-22	30 days				
28	Portion A6- 6SW-D/FR279	Fri 01-04-22	Fri 15-04-22	15 days				
29	Portion A7- 6SW-D/FR320	Thu 13-01-22	Tue 22-02-22	41 days				
30	Portion B- 9SE-B/F35	Mon 04-04-22	Mon 18-04-22	15 days				
31	Portion B- 9SE-B/F56	Mon 11-04-22	Tue 31-05-22	51 days				
32	Portion B- 9SE-B/F74	Mon 18-04-22	Mon 02-05-22	15 days				
33	Portion C-10NE-C/F6	Mon 16-05-22	Tue 31-05-22	16 days				
34	Portion C-10NW-D/F93	Mon 23-05-22	Fri 27-05-22	5 days				
35	Application of Excavation Permit	Sat 15-01-22	Mon 15-08-22	213 days	[Red bar spanning from Jun to Aug]			
36	Preparation of TTA Drawings	Sat 15-01-22	Tue 26-07-22	193 days	[Red bar spanning from Jun to Jul]			
37	TTA Drawings to be Approved by TD/RMO	Fri 18-03-22	Mon 12-09-22	179 days	[Red bar spanning from Jun to Sep]			
38	<b>Planting Works</b>	<b>Wed 22-06-22</b>	<b>Fri 30-09-22</b>	<b>101 days</b>	[Black arrow spanning from Jun to Sep]			
39	Portion A1- 6NW-C/F153	Thu 25-08-22	Wed 14-09-22	21 days			[Blue bar]	
40	Portion A2- 6SW-A/F25	Mon 22-08-22	Sun 11-09-22	21 days			[Blue bar]	
41	Portion A3- 5SE-B/F89	Tue 16-08-22	Sun 04-09-22	20 days			[Blue bar]	
42	Portion A3- 5SE-B/F70	Mon 29-08-22	Fri 16-09-22	19 days			[Blue bar]	
43	Portion A4- 5SE-D/F73	Wed 22-06-22	Thu 30-06-22	9 days	[Blue bar]			
44	Portion A5- 6SW-C/FR200	Tue 02-08-22	Sun 21-08-22	20 days		[Blue bar]		
45	Portion A6- 6SW-C/F233	Mon 08-08-22	Sun 28-08-22	21 days		[Blue bar]		
46	Portion A6- 6SW-D/FR279	Thu 11-08-22	Wed 31-08-22	21 days		[Blue bar]		
47	Portion A7- 6SW-D/FR320	Thu 18-08-22	Wed 07-09-22	21 days		[Blue bar]		
48	Portion B- 9SE-B/F35	Tue 13-09-22	Fri 30-09-22	18 days				[Red bar]
49	Portion B- 9SE-B/F56	Wed 10-08-22	Tue 30-08-22	21 days		[Blue bar]		
50	Portion B- 9SE-B/F74	Mon 08-08-22	Fri 02-09-22	26 days		[Blue bar]		

Date: 20 June 2022  
 Rev.: 0

Task	[Blue bar]	Inactive Task	[White bar]	Manual Summary Rollup	[Green bar]	External Milestone	◆	Manual Progress	[Blue bar]
Split	[Dotted bar]	Inactive Milestone	◇	Manual Summary	[Bracket]	Deadline			
Milestone	◆	Inactive Summary	[White bar]	Start-only	[C]	Critical	[Red bar]		
Summary	[Bracket]	Manual Task	[Green bar]	Finish-only	[J]	Critical Split	[Dotted bar]		
Project Summary	[White bar]	Duration-only	[Green bar]	External Tasks	[Grey bar]	Progress	[Blue bar]		

ID	Task Name	Start	Finish	Duration	3rd Quarter			
					Jun	Jul	Aug	Sep
51	Portion C-10NE-C/F6	Mon 22-08-22	Wed 31-08-22	10 days				
52	Portion C-10NW-D/F93	Thu 01-09-22	Wed 07-09-22	7 days				
53	Pre Handover Inspection	Sat 01-10-22	Sat 07-01-23	99 days				
54	EPD's Approval for Landscape Establishment Works & Monitoring Proposal	Wed 09-02-22	Wed 16-11-22	281 days				
55								
56	<b>Section 2 (Portion A1 to A7 and B)</b>	<b>Mon 13-02-23</b>	<b>Mon 10-02-25</b>	<b>729 days</b>				
57	Establishment Works	Mon 13-02-23	Mon 10-02-25	729 days				
58	Regular ET Monitoring and Reporting	Mon 13-02-23	Mon 10-02-25	729 days				
59	Final Handover Inspection	Wed 01-01-25	Mon 10-02-25	41 days				
60	EM & A Final Report	Wed 01-01-25	Mon 10-02-25	41 days				
61								
62	<b>Section 2 (Portion C)</b>	<b>Thu 13-07-23</b>	<b>Mon 10-02-25</b>	<b>579 days</b>				
63	Establishment Works	Thu 13-07-23	Mon 10-02-25	579 days				
64	Regular ET Monitoring and Reporting	Thu 13-07-23	Mon 10-02-25	579 days				
65	Final Handover Inspection	Wed 01-01-25	Mon 10-02-25	41 days				
66	EM & A Final Report	Wed 01-01-25	Mon 10-02-25	41 days				
67								
68	<b>Section 3 (Portion D)</b>	<b>Thu 10-02-22</b>	<b>Sun 12-03-23</b>	<b>396 days</b>				
69	Establishment Works	Thu 10-02-22	Sun 12-03-23	396 days				
70	Regular ET Monitoring and Reporting	Thu 10-02-22	Sun 12-03-23	396 days				
71	Inspections by Ornithological Consultant	Thu 10-02-22	Sun 12-03-23	396 days				
72	Final Handover Inspection	Sat 11-02-23	Sun 12-03-23	30 days				

Date: 20 June 2022  
 Rev.: 0

Task		Inactive Task		Manual Summary Rollup		External Milestone		Manual Progress	
Split		Inactive Milestone		Manual Summary		Deadline			
Milestone		Inactive Summary		Start-only		Critical			
Summary		Manual Task		Finish-only		Critical Split			
Project Summary		Duration-only		External Tasks		Progress			



**Appendix E**

**Layout Plan for the Planting Zone**

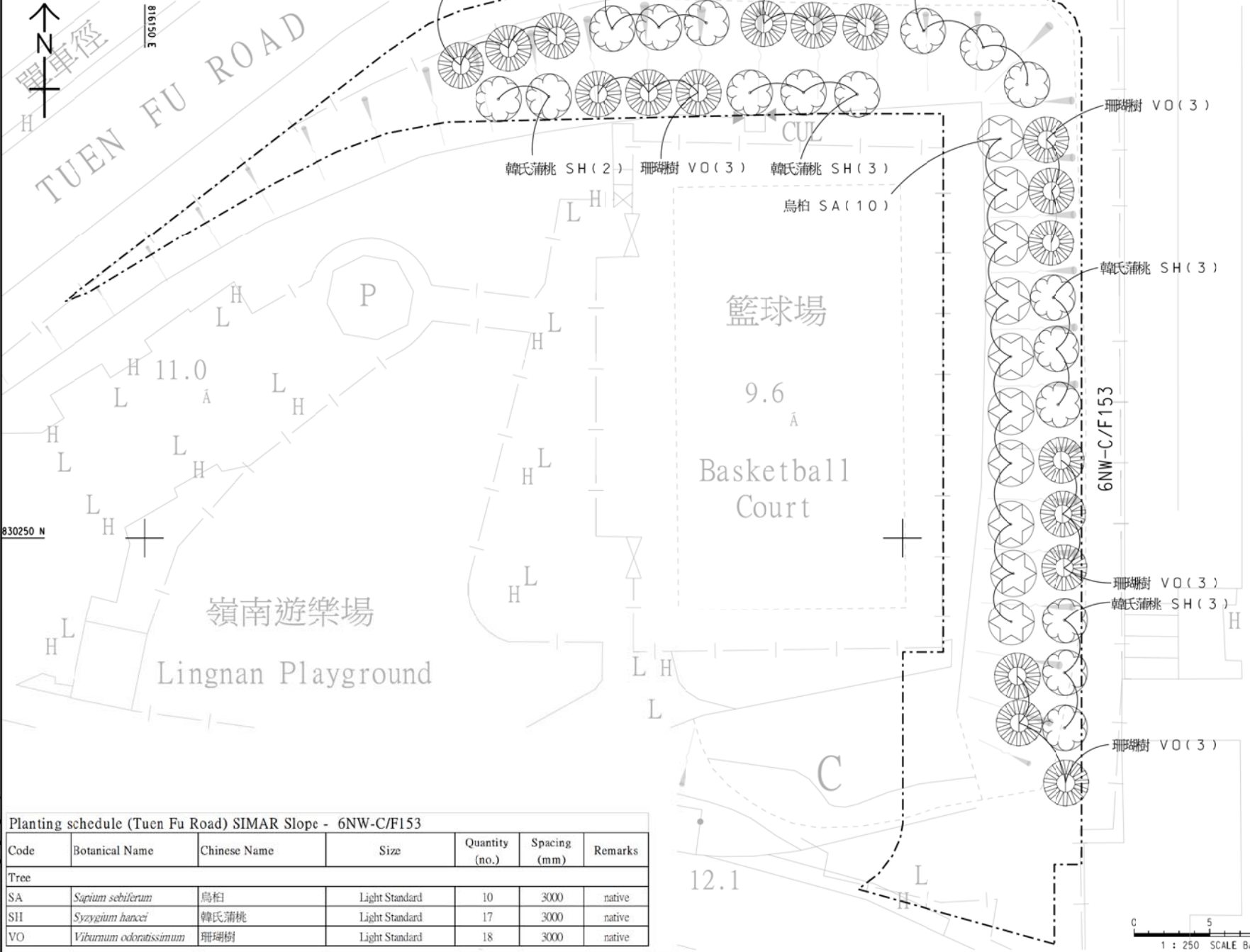
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 8/2/2021  
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**LEGENDS :**

- SITE BOUNDARY
- PROPOSED TREE

**NOTES:**

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



**Planting schedule (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

**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  
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SR / DATE / DESCRIPTION / CHECKED  
 SER 21 TENDER DRAWING CWN  
 01/10/2021 01/10/2021

STATUS  
 已發給 / ISSUED

SCALE / DIMENSION UNIT  
 A3 1:250 METERS

KEY PLAN

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

SHEET TITLE  
 TREE PLANTING PLAN FOR SLOPE NO. 6NW-C/F153 AT TUEN FU ROAD, TUEN MUN

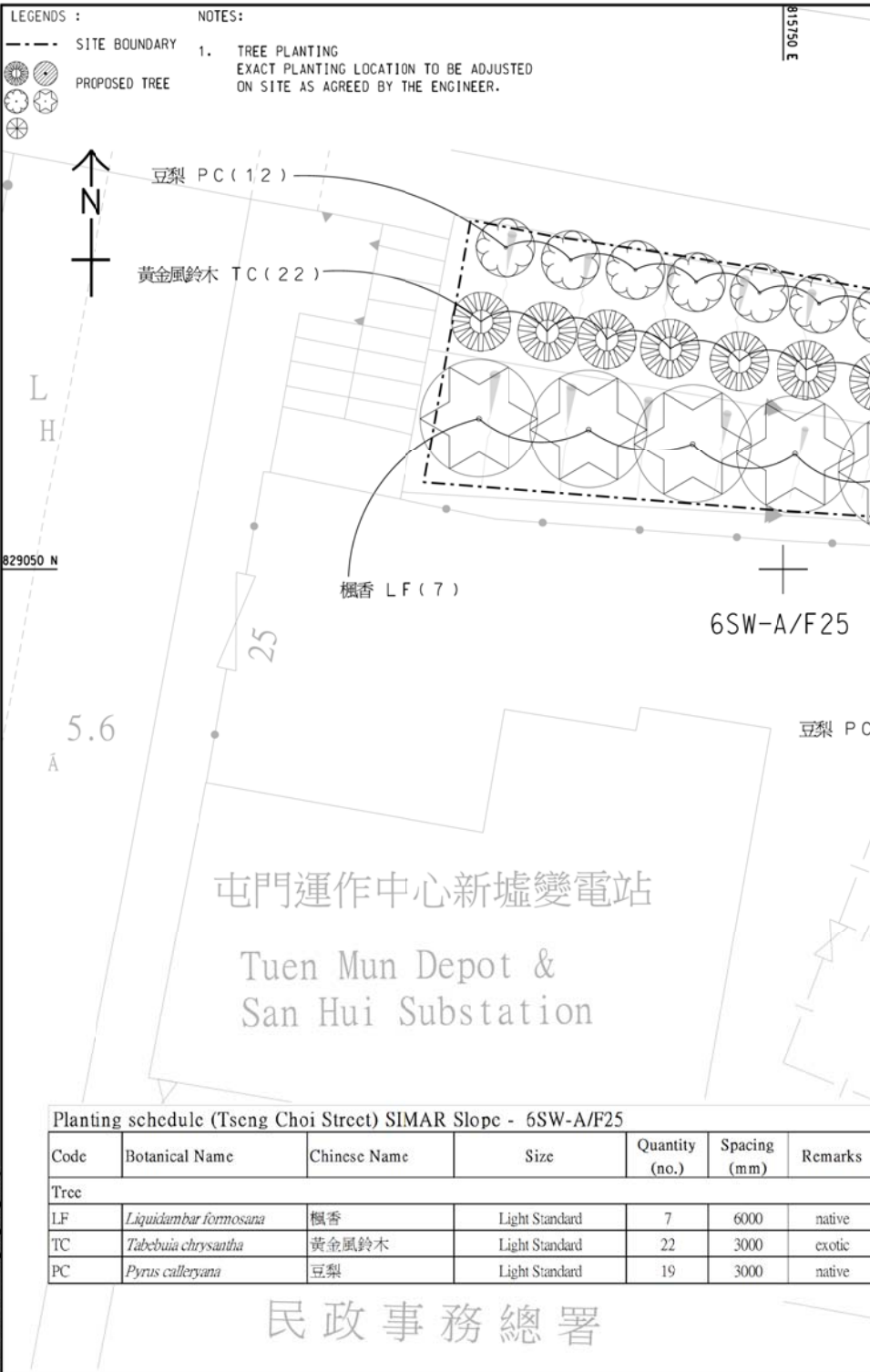
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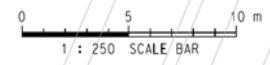


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1	ISSUE FOR TENDER DRAWING			



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

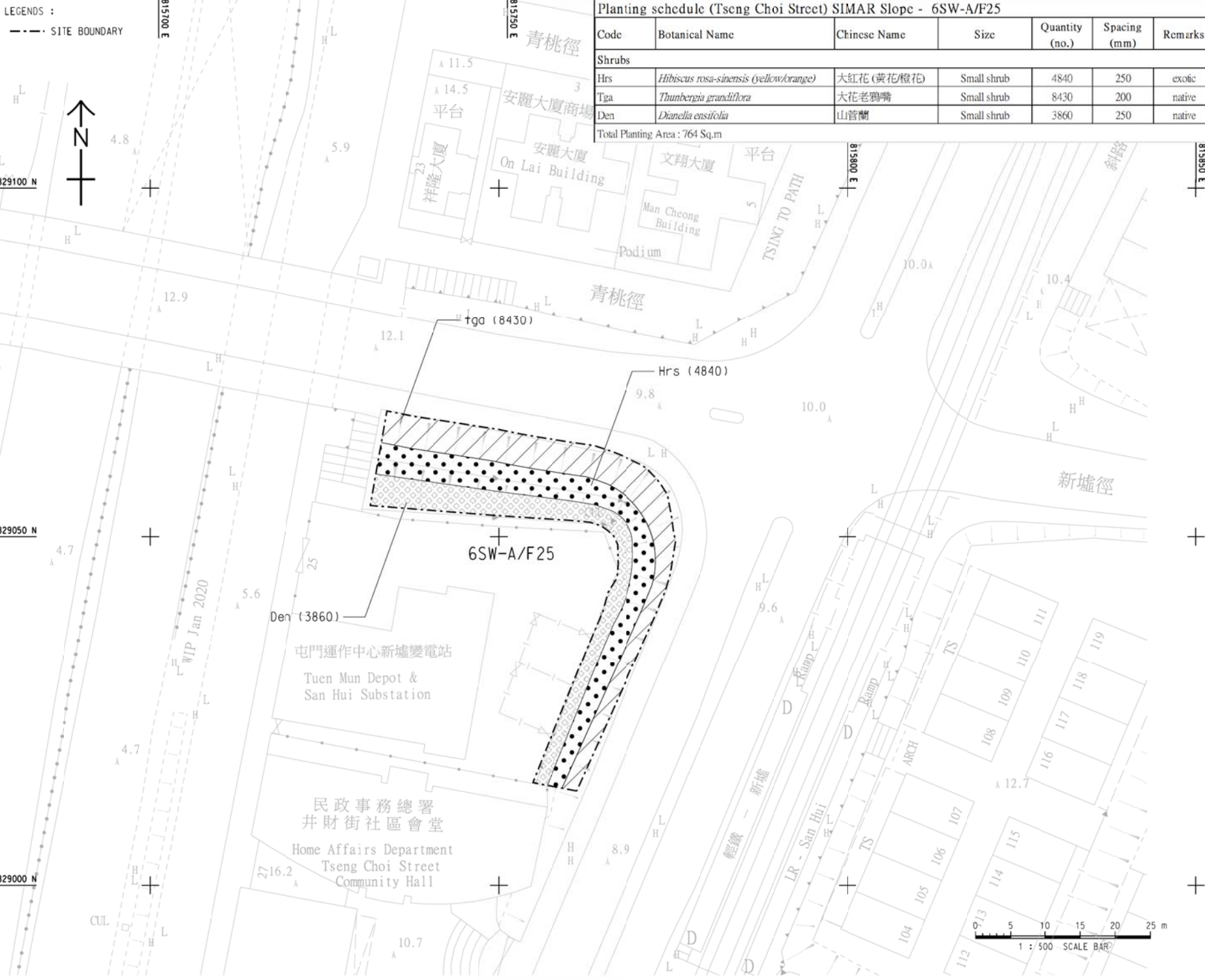
Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
<b>Tree</b>						
LF	<i>Liquidambar formosana</i>	楓香	Light Standard	7	6000	native
TC	<i>Tabebuia chrysantha</i>	黃金風鈴木	Light Standard	22	3000	exotic
PC	<i>Pyrus calleryana</i>	豆梨	Light Standard	19	3000	native





Project Management Header: Designer: CHW Date: 16/11/2021 Approved: CWN ISO A1 (84mm x 61mm)  
 Plot File No: WPM 88/2021  
 PLOT TITLE: T110/Name Connectivity 2021 - 13/CZ - A133/090

LEGENDS :  
 - - - - SITE BOUNDARY



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

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
<b>Shrubs</b>						
Hrs	<i>Hibiscus rosa-sinensis (yellow/orange)</i>	大紅花 (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						

**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

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1	16/11/2021	ISSUE FOR TENDER DRAWING	CWN

STATUS

SCALE DIMENSION UNIT

A3 1:500

KEY PLAN



PROJECT NO.

60240249

CONTRACT NO.

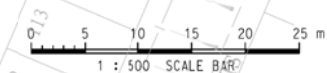
HY/2021/13

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 Enrich: Designer: A.C.F. Approved: C.W.N. ISO A1 (84mm x 84mm)

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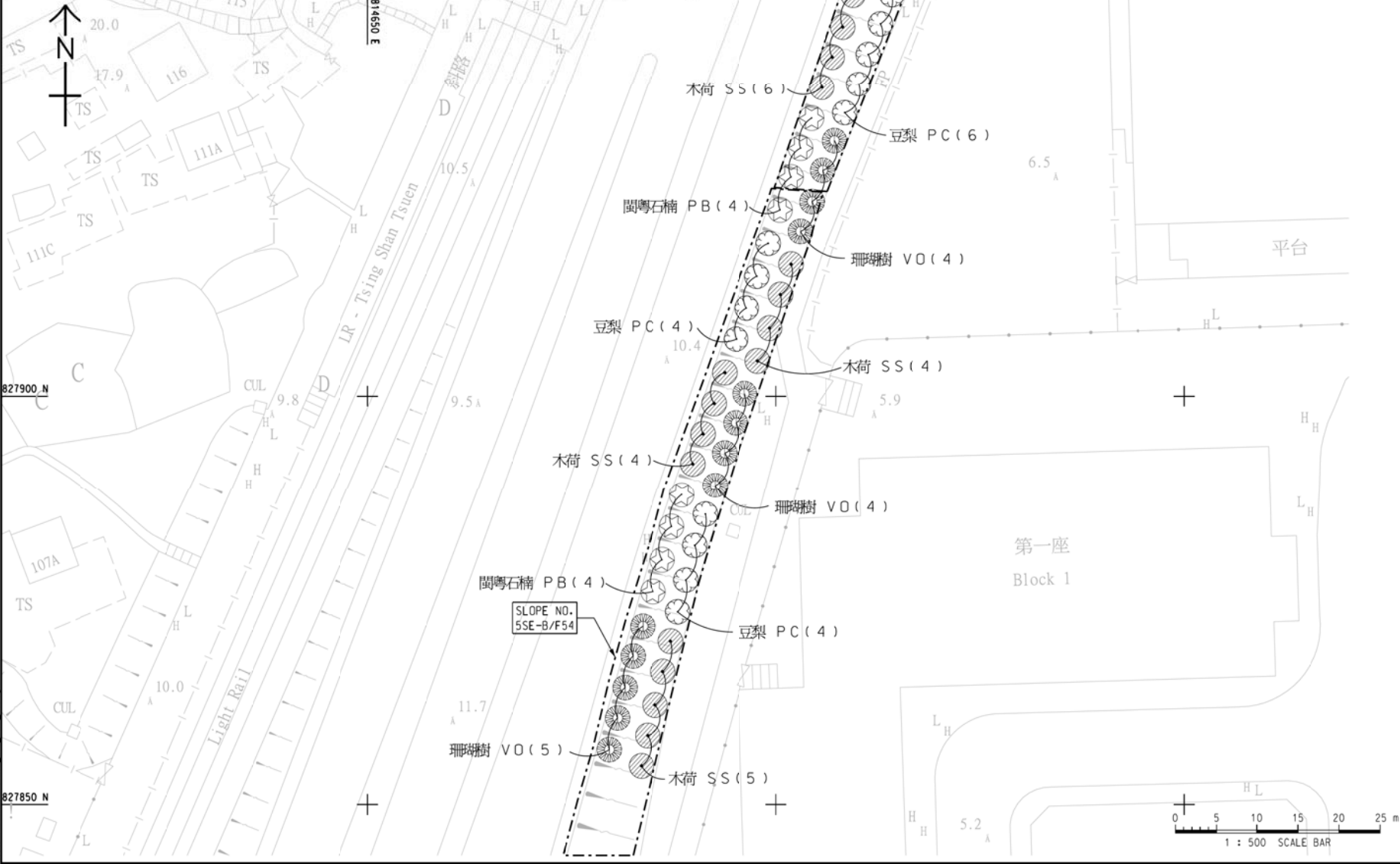
- SITE BOUNDARY
- PROPOSED TREE

**NOTES:**

- 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>Fyrus 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

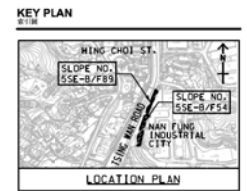


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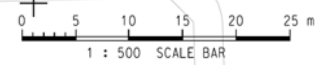
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**PROJECT NO.** 60240249  
**CONTRACT NO.** HY/2021/13

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

**SHEET NUMBER**  
60240249/C7/1034



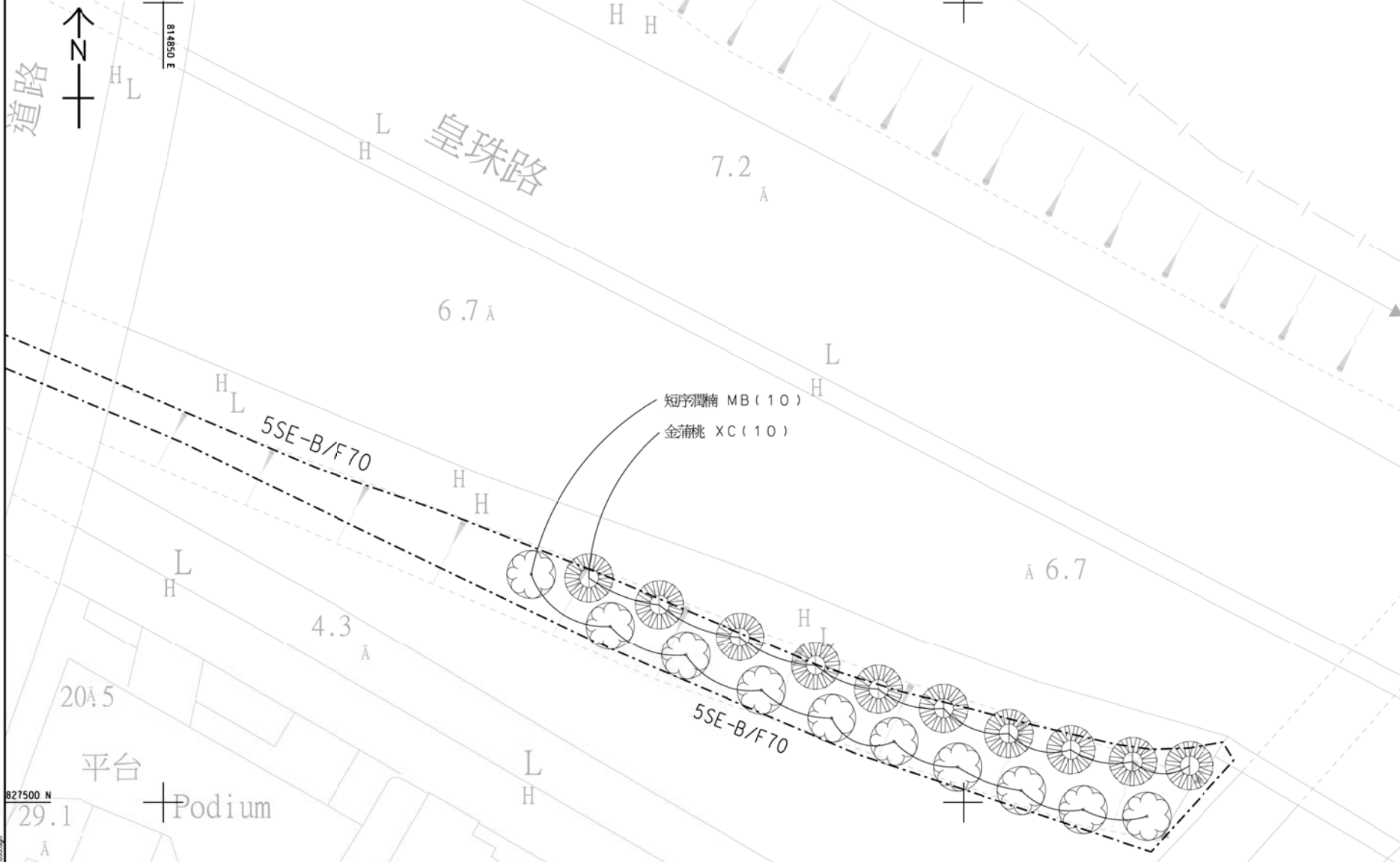
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**LEGENDS :**

- SITE BOUNDARY
- PROPOSED TREE

**NOTES:**

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



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

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
Tree						
MB	<i>Machilus brevilora</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**  
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**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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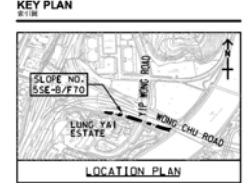
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**ISSUE/REVISION**

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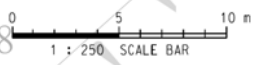
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A3 1:250



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

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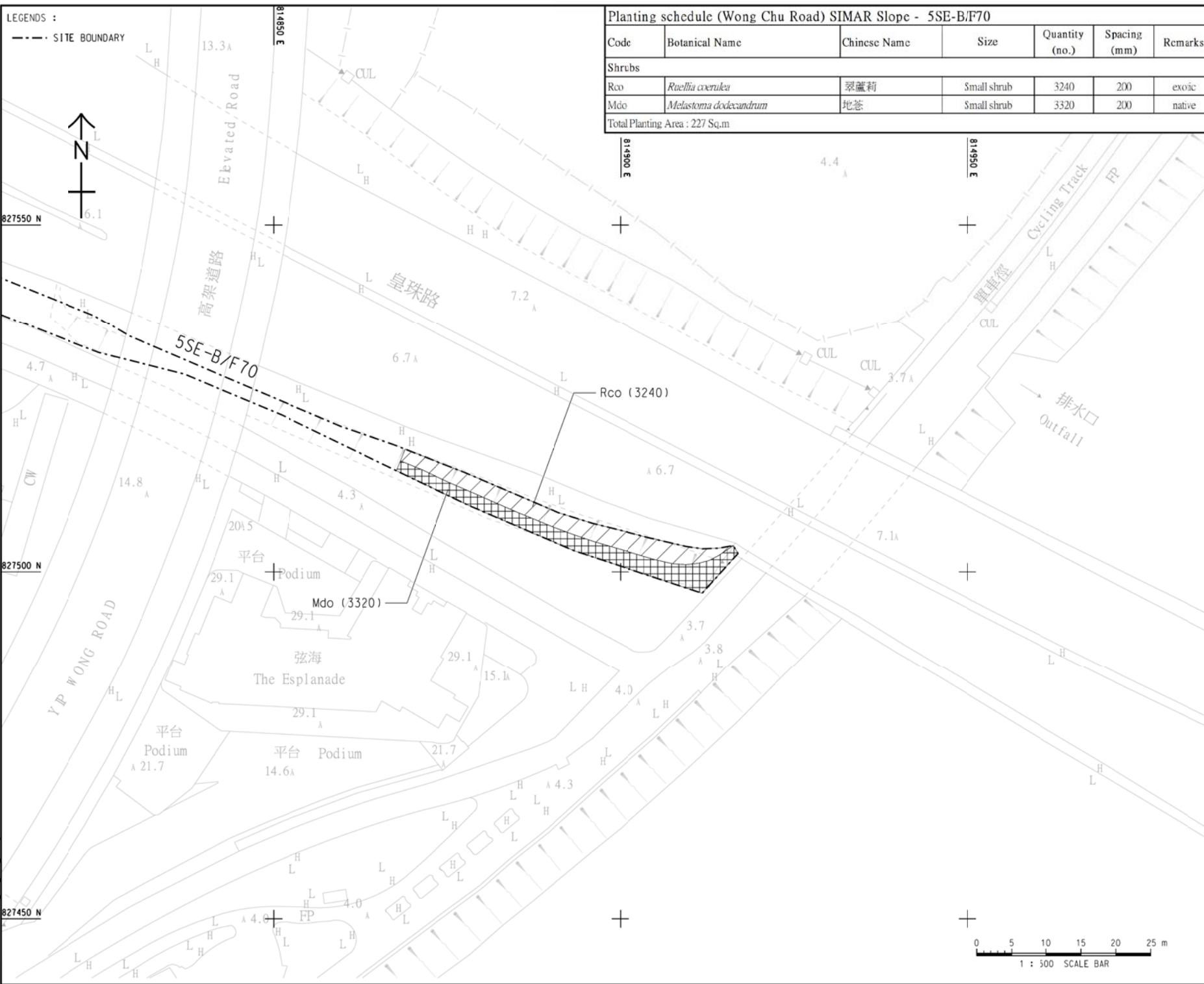
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Planting schedule (Wong Chu Road) SIMAR Slope - 5SE-B/F70

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
<b>Shrubs</b>						
Rco	<i>Ruellia coerulea</i>	翠蓝莉	Small shrub	3240	200	exotic
Mdo	<i>Melastoma dodecandrum</i>	地毡	Small shrub	3320	200	native
Total Planting Area : 227 Sq.m						



**PROJECT**  
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 CHEK LAP KOK LINK PROJECT

**CLIENT**  

 路政署  
 HIGHWAYS DEPARTMENT  
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 Major Works Project Management Office  
 (Special Duties)

**CONSULTANT**  
 AECOM Asia Company Ltd.  
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**SUB-CONSULTANTS**

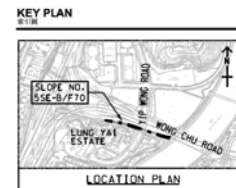
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NO.	DESCRIPTION	DATE	BY	CHK.

SEK 21 TENDER DRAWING C.W.N.  
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**STATUS**

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 A3 1:500

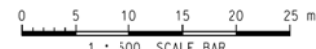


**PROJECT NO.**  
 60240249

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

**SHEET TITLE**  
 SHRUB PLANTING PLAN FOR  
 SLOPE NO. 5SE-B/F70 AT  
 WONG CHU ROAD, TUEN MUN

**SHEET NUMBER**  
 60240249/C7/1036

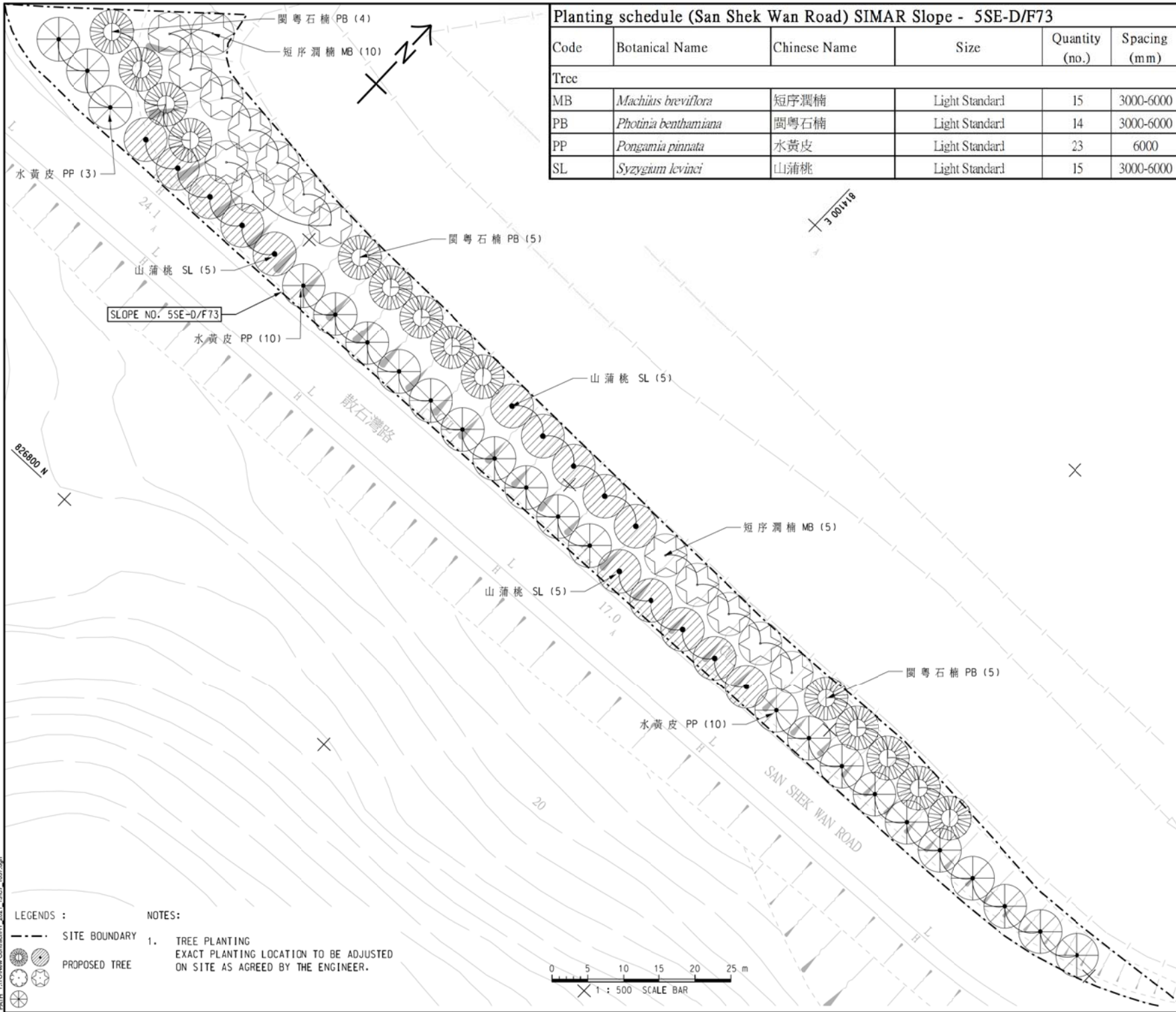


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### Planting schedule (San Shek Wan Road) SIMAR Slope - 5SE-D/F73

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
<b>Tree</b>						
MB	<i>Machilus breviliflora</i>	短序潤楠	Light Standard	15	3000-6000	native
PB	<i>Photinia benthamiana</i>	闊粵石楠	Light Standard	14	3000-6000	native
PP	<i>Pongamia pinnata</i>	水黃皮	Light Standard	23	6000	native
SL	<i>Syzygium levinei</i>	山蒲桃	Light Standard	15	3000-6000	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  
 主要工程管理處 (專責職務)

**CONSULTANT**  
 AECOM Asia Company Ltd.  
 www.aecom.com

**SUB-CONSULTANTS**

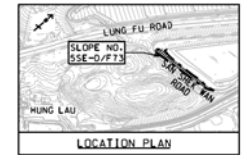
**ISSUE/REVISION**

NO.	DESCRIPTION	DATE	BY	CHK.

**STATUS**

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**KEY PLAN**



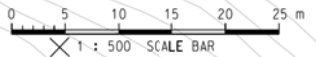
**PROJECT NO.**  
 60240249

**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

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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.

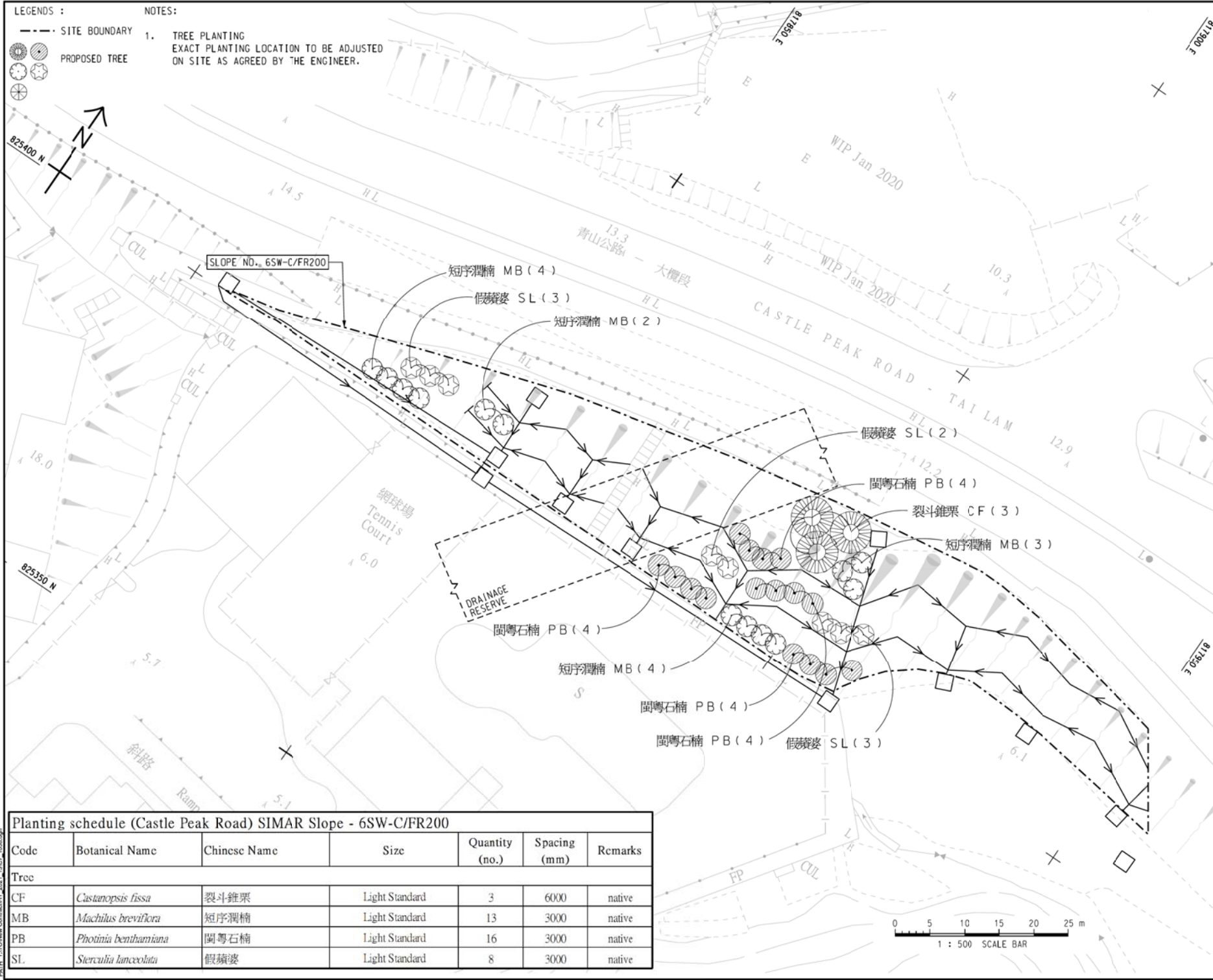
**LEGENDS :**

--- SITE BOUNDARY

PROPOSED TREE

**NOTES:**

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



**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  
伊士土庫有限公司

**ISSUE/REVISION**

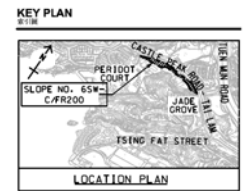
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2	REVISED			
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**STATUS**

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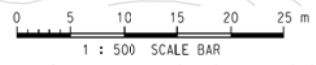
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A3 1:500

**DIMENSION UNIT**  
公尺



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

Code	Botanical Name	Chinese Name	Size	Quantity (no.)	Spacing (mm)	Remarks
<b>Tree</b>						
CF	<i>Castanopsis fissa</i>	裂斗錐栗	Light Standard	3	6000	native
MB	<i>Machilus breviflora</i>	短序潤楠	Light Standard	13	3000	native
PB	<i>Photinia benthamiana</i>	閩粵石楠	Light Standard	16	3000	native
SL	<i>Sterculia lanceolata</i>	假蒨婆	Light Standard	8	3000	native



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

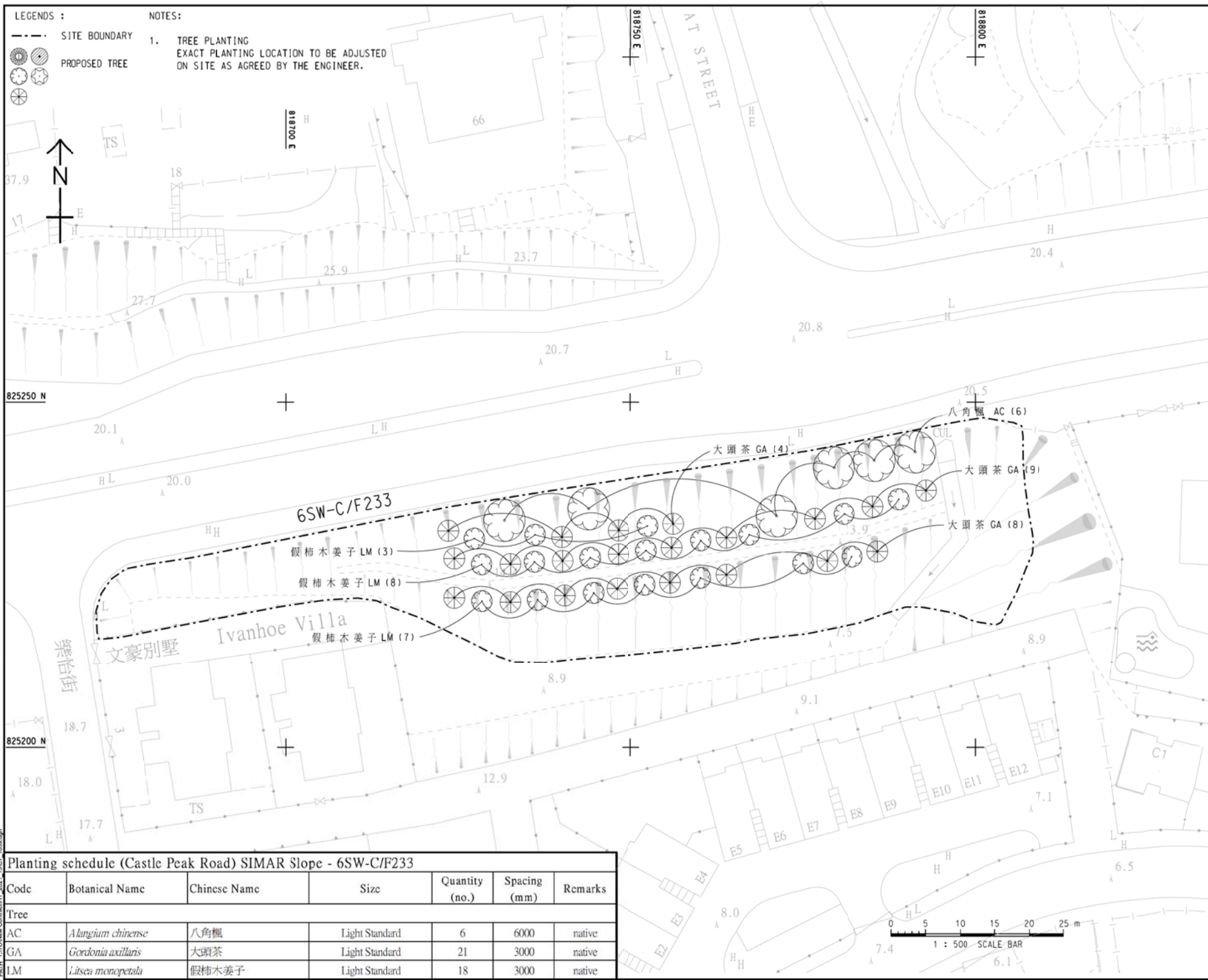
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TREE PLANTING PLAN FOR SLOPE NO.6SW-C/FR200 AT CASTLE PEAK ROAD, TUEN MUN

**SHEET NUMBER**  
60240249/C7/1038

- 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
<b>Tree</b>						
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

**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

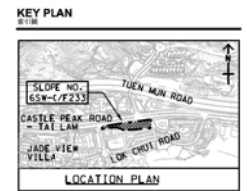
**SUB-CONSULTANTS**

**ISSUE/REVISION**

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**STATUS**

**SCALE**  
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

**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

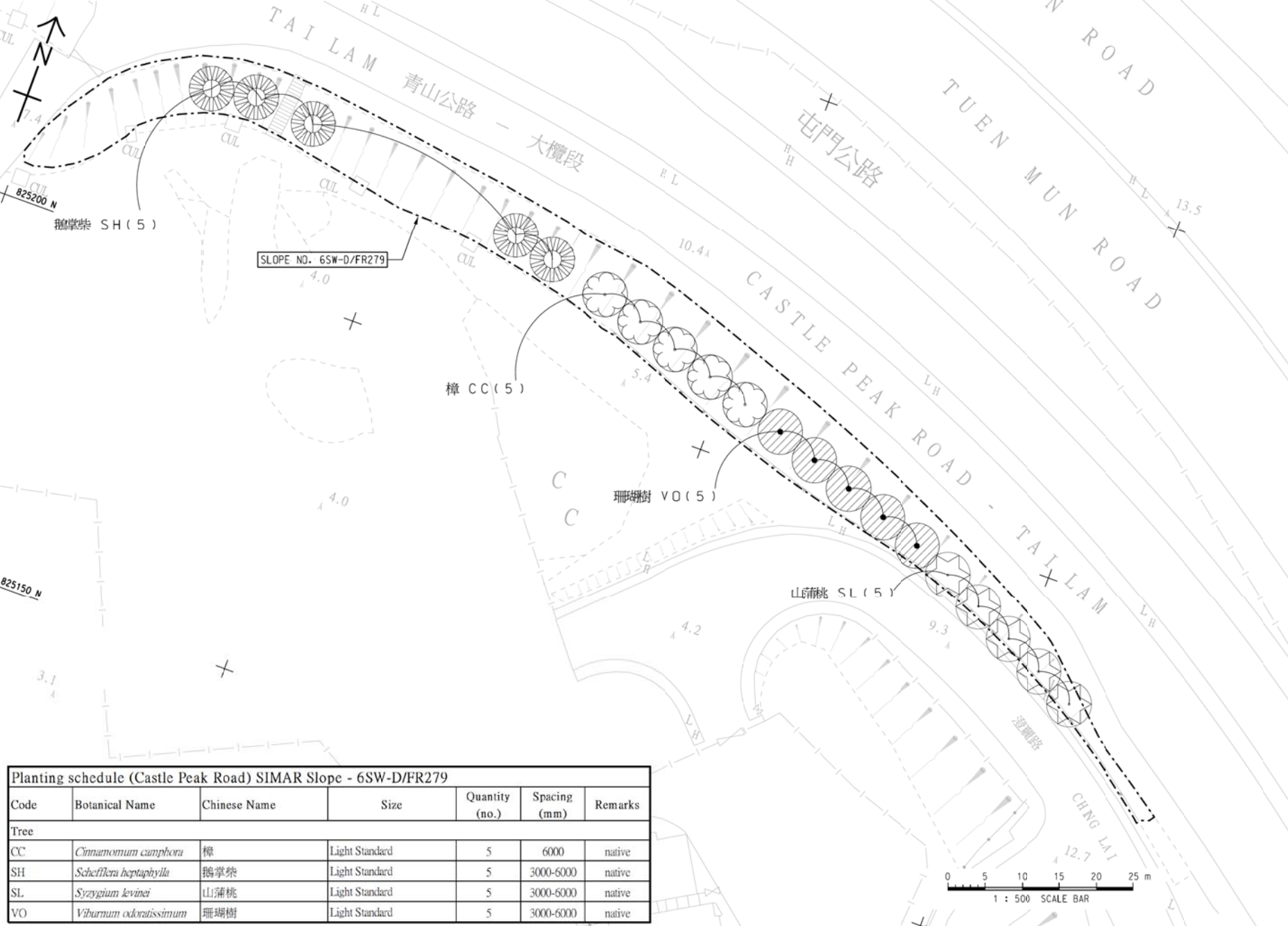
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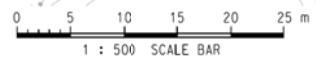


**LEGENDS :**  
 SITE BOUNDARY  
 PROPOSED TREE

**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 heptaphylla</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



**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**

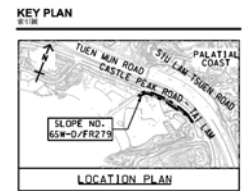
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 DR: DATE DESCRIPTION CHK

**STATUS**

**SCALE**  
 A3 1:500

**DIMENSION UNIT**  
 尺寸單位



**PROJECT NO.**  
 60240249

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

**SHEET TITLE**  
 TREE PLANTING PLAN FOR SLOPE NO. 6SW-D/FR279 AT CASTLE PEAK ROAD, TUEN MUN

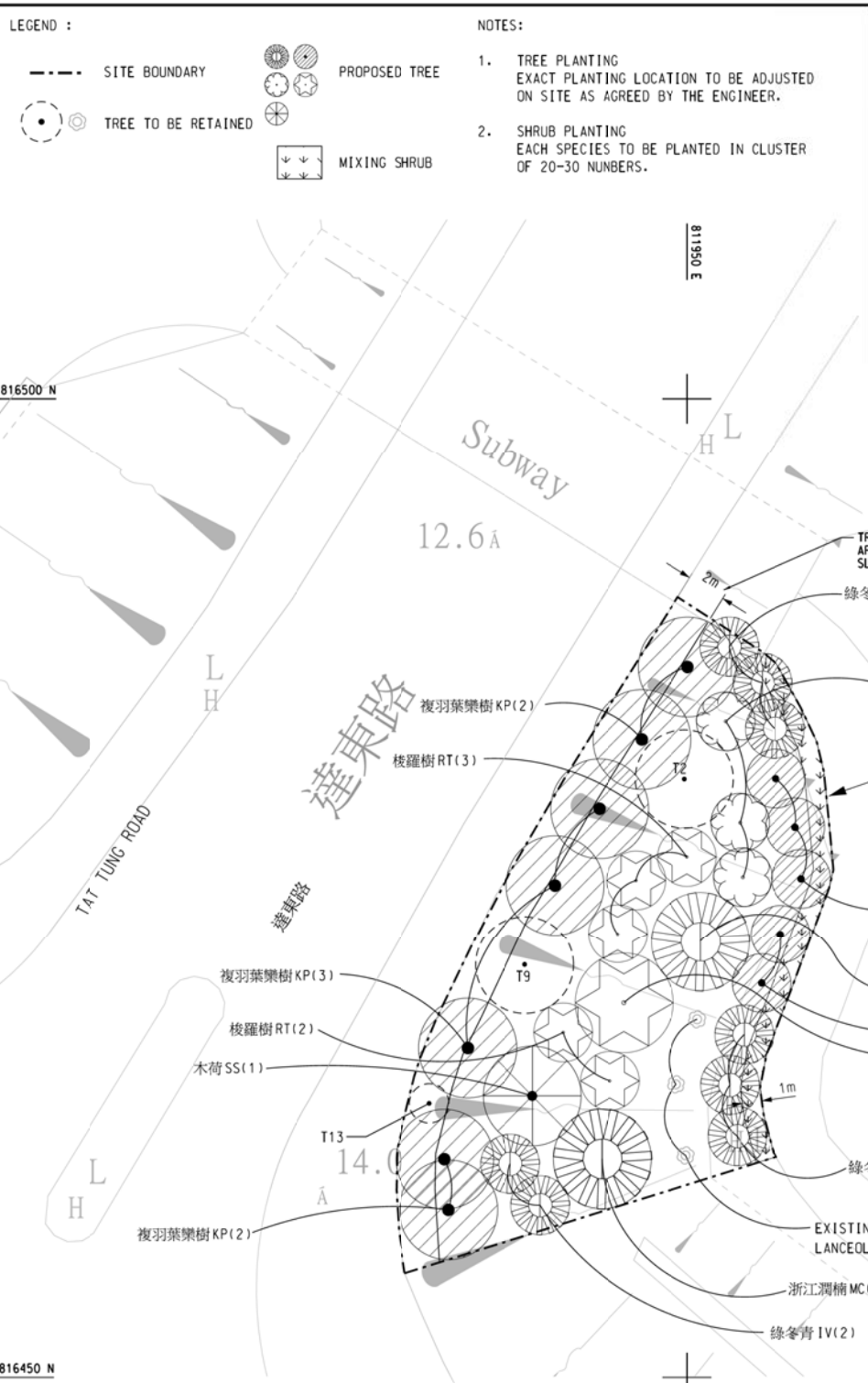
**SHEET NUMBER**  
 60240249/C7/1040

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

Plot File for: 8/2/2021 08:11:11



Planting Schedule (Tat Tung Road) SIMAR Slope - 9SE-B/F34						
Code	Botanical Name	Chinese Name	Size	Spacing (mm)	Quantity (no.)	Remarks
<b>Tree</b>						
CCH	<i>Cyclobalanopsis championii</i>	嶺南青岡	Light Standard	5000 or As shown	1	
KP	<i>Koeleria paniculata</i>	複羽葉欒樹			7	
MC	<i>Machilus chekiangensis</i>	浙江潤楠			1	
SH	<i>Syzygium hancei</i>	韓氏蒲桃			1	
SS	<i>Schima superba</i>	木荷			1	
IV	<i>Ilex viridis</i>	綠冬青			8	
LI	<i>Lagerstroemia indica</i>	紫微	3000 or As shown	5		
RT	<i>Reevesia thyrsoidea</i>	梭羅樹	5			
SD	<i>Sapium discolor</i>	山烏柏	3			
<b>Mixing Shrub</b>						
las	<i>Ilex asprella</i>	梅葉冬青	Small shrub	300	110	
Gja	<i>Gardenia jasminoides</i>	梔子			110	
Rin	<i>Rhaphiolepis indica</i>	石斑木			110	
Pas	<i>Psychotria asiatica</i>	九節			110	

Code	Botanical Name	Chinese Name	Size	Spacing (mm)	Quantity (no.)	Remarks
<b>Tree</b>						
CCH	<i>Cyclobalanopsis championii</i>	嶺南青岡	Light Standard	5000 or As shown	1	
KP	<i>Koeleria paniculata</i>	複羽葉欒樹			7	
MC	<i>Machilus chekiangensis</i>	浙江潤楠			1	
SH	<i>Syzygium hancei</i>	韓氏蒲桃			1	
SS	<i>Schima superba</i>	木荷			1	
IV	<i>Ilex viridis</i>	綠冬青			8	
LI	<i>Lagerstroemia indica</i>	紫微	3000 or As shown	5		
RT	<i>Reevesia thyrsoidea</i>	梭羅樹	5			
SD	<i>Sapium discolor</i>	山烏柏	3			
<b>Mixing Shrub</b>						
las	<i>Ilex asprella</i>	梅葉冬青	Small shrub	300	110	
Gja	<i>Gardenia jasminoides</i>	梔子			110	
Rin	<i>Rhaphiolepis indica</i>	石斑木			110	
Pas	<i>Psychotria asiatica</i>	九節			110	

**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  
Major Works Project Management Office (Special Duties)

CONSULTANT: AECOM Asia Company Ltd. www.aecom.com

SUB-CONSULTANTS

NO.	ISSUE/REVISION	DATE	BY	CHECKED BY

STATUS: TENDER DRAWING

SCALE: A3 1:250

KEY PLAN: LOCATION PLAN

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

SHEET TITLE: TREE AND SHRUB PLANTING PLAN FOR SLOPE NO.9SE-B/F34 AT TAT TUNG ROAD, TUNG CHUNG

SHEET NUMBER: 60240249/C7/1042



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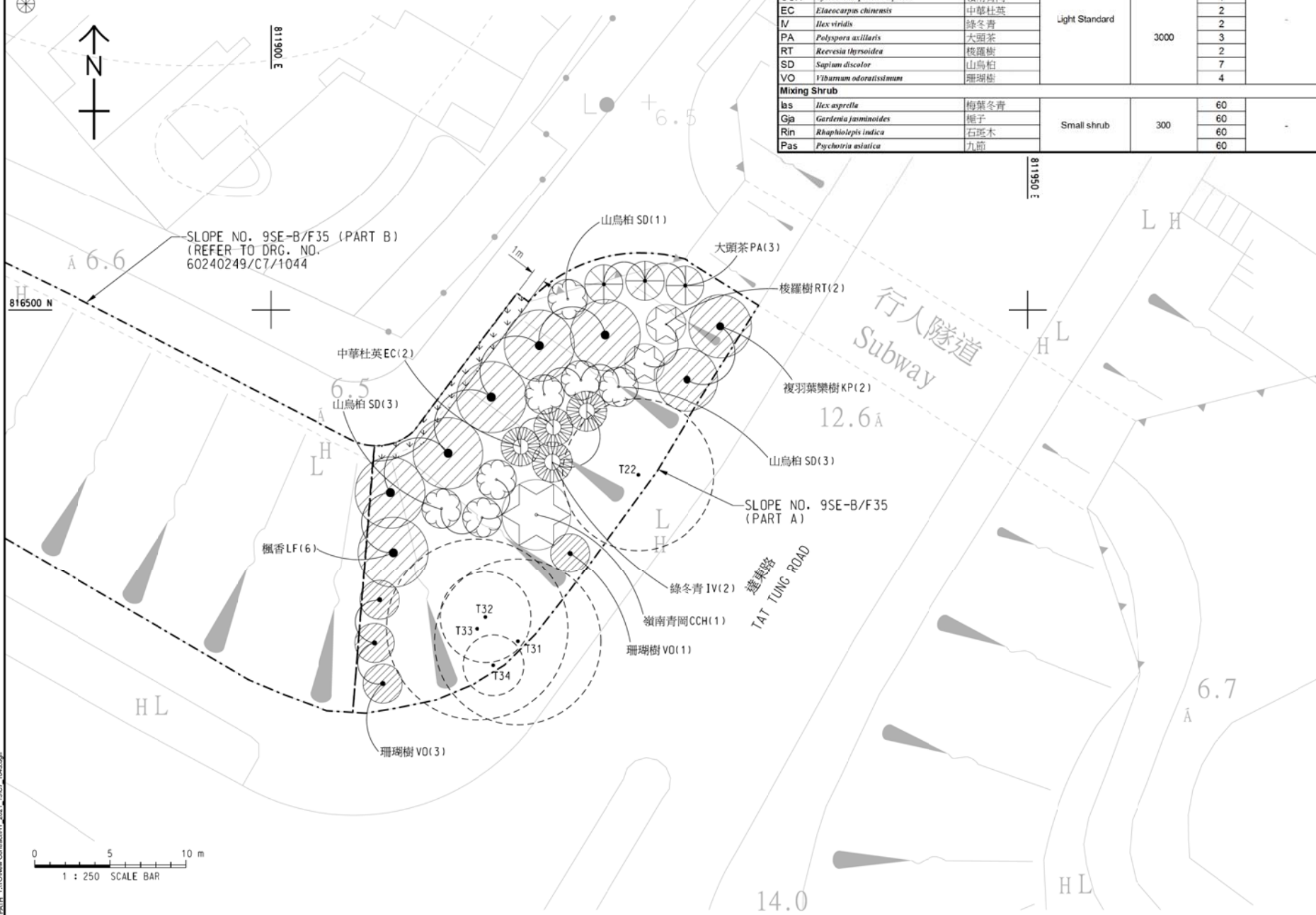


**LEGEND :**

- 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
<b>Feature Tree</b>						
LF	<i>Liquidambar formosana</i>	楓香	Light Standard	5000 or As shown	6	-
<b>Tree</b>						
KP	<i>Koeleretaria paniculata</i>	複羽葉欖樹	Light Standard	4000 or As shown	2	-
CCH	<i>Cyclobalanopsis championii</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>Polyspora axillaris</i>	大頭茶			3	
RT	<i>Reevesia thyrsoidea</i>	梭羅樹			2	
SD	<i>Sapium discolor</i>	山烏柏	7			
VO	<i>Viburnum odoratissimum</i>	珊瑚樹	4			
<b>Mixing Shrub</b>						
Is	<i>Ilex asprella</i>	梅葉冬青	Small shrub	300	60	-
Gj	<i>Gardenia jasminoides</i>	梔子			60	
Rin	<i>Rhaphiolepis indica</i>	石斑木			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**  
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**

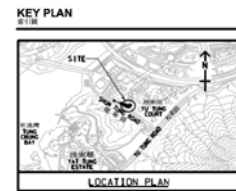
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**SCALE**  
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**DIMENSION UNIT**  
公尺



**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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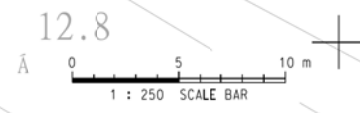
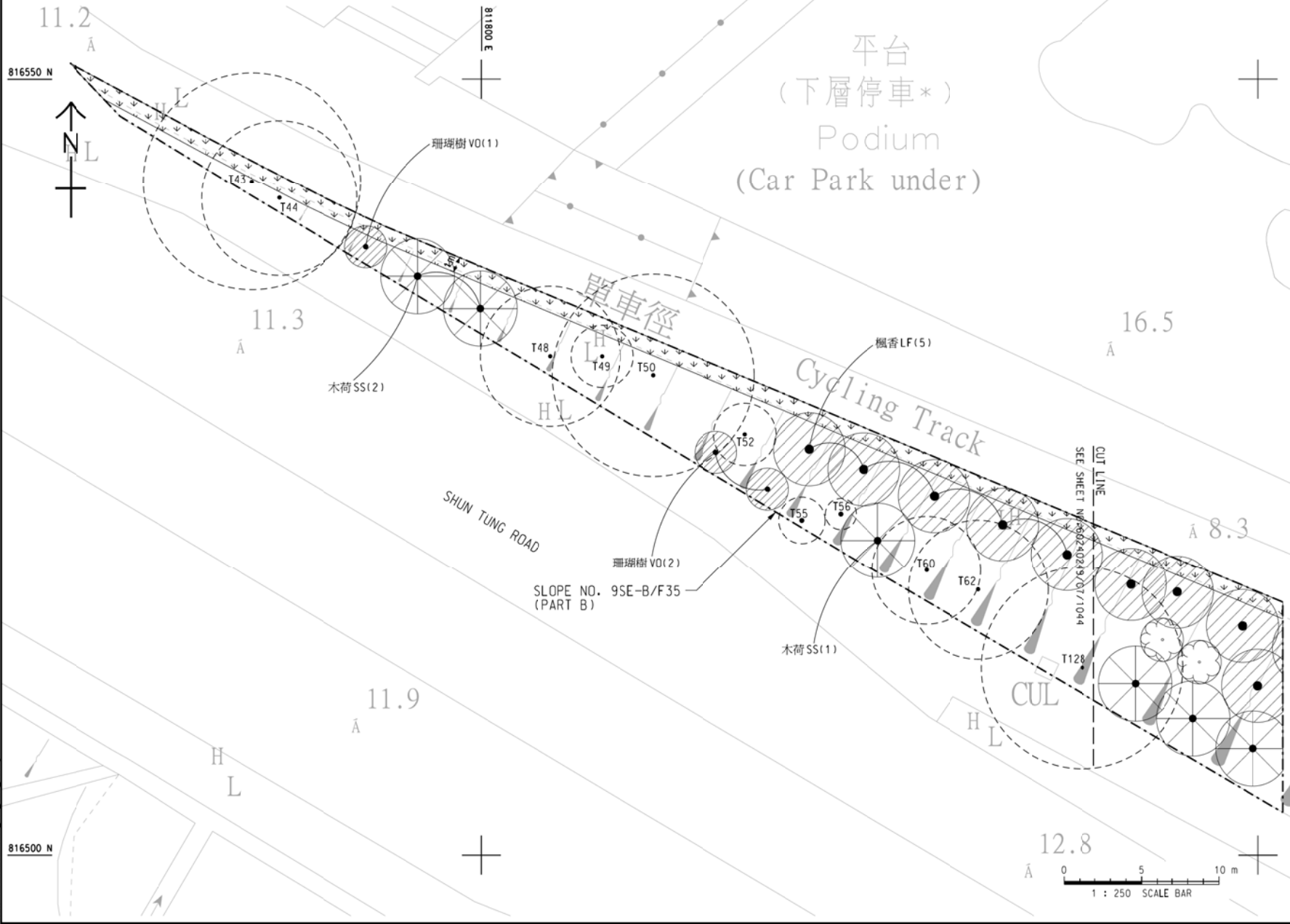


**LEGEND :**

- 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.  
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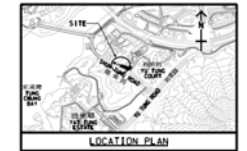
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1	2021/11/10	ISSUE FOR TENDER DRAWING	CWA

**STATUS**

STATUS: TENDER DRAWING

**SCALE**  
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**DIMENSION UNIT**  
METERS

**KEY PLAN**



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

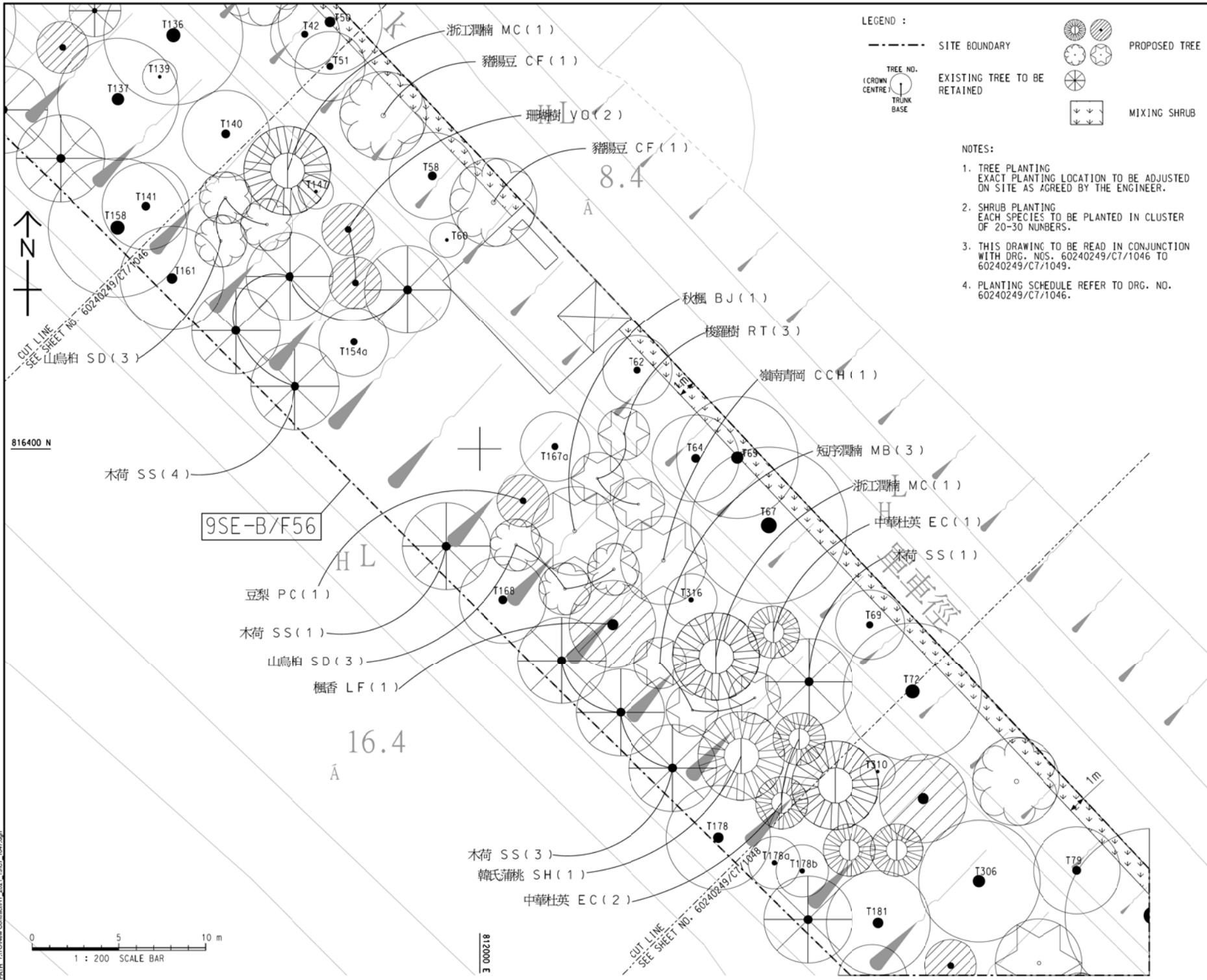
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TREE AND SHRUB PLANTING PLAN FOR SLOPE NO.9SE-B/F35 (PART B) AT TAT TUNG ROAD, TUNG CHUNG  
SHEET 2 OF 2

**SHEET NUMBER**  
60240249/C7/1045

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LEGEND :

- SITE BOUNDARY
- (CROWN CENTRE) TREE NO. (TRUNK BASE) 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

CONSULTANT  
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SUB-CONSULTANTS

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1	18/08/2021	ISSUE FOR TENDER DRAWING	CWN

STATUS

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KEY PLAN

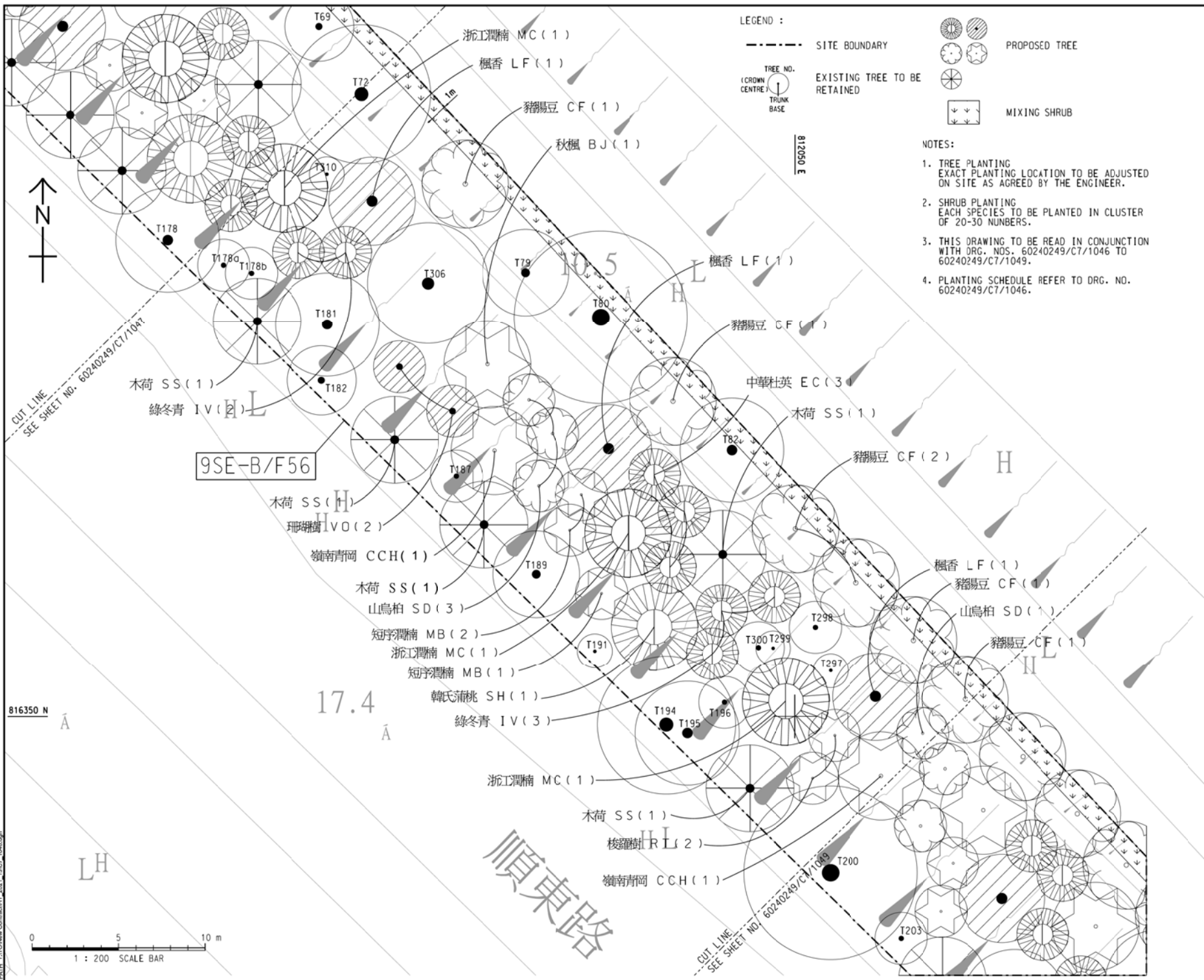


PROJECT NO.: 60240249  
 CONTRACT NO.: HY/2021/13

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

SHEET NUMBER  
 60240249/C7/1047





LEGEND :

- SITE BOUNDARY
- CUT LINE
- TREE NO. (CROWN CENTRE) TRUNK BASE
- EXISTING 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. 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.  
www.aecom.com

SUB-CONSULTANTS

ISSUE/REVISION

NO.	DATE	DESCRIPTION	CHK.
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

STATUS

SCALE  
A3 1:200

DIMENSION UNIT  
METERS

KEY PLAN



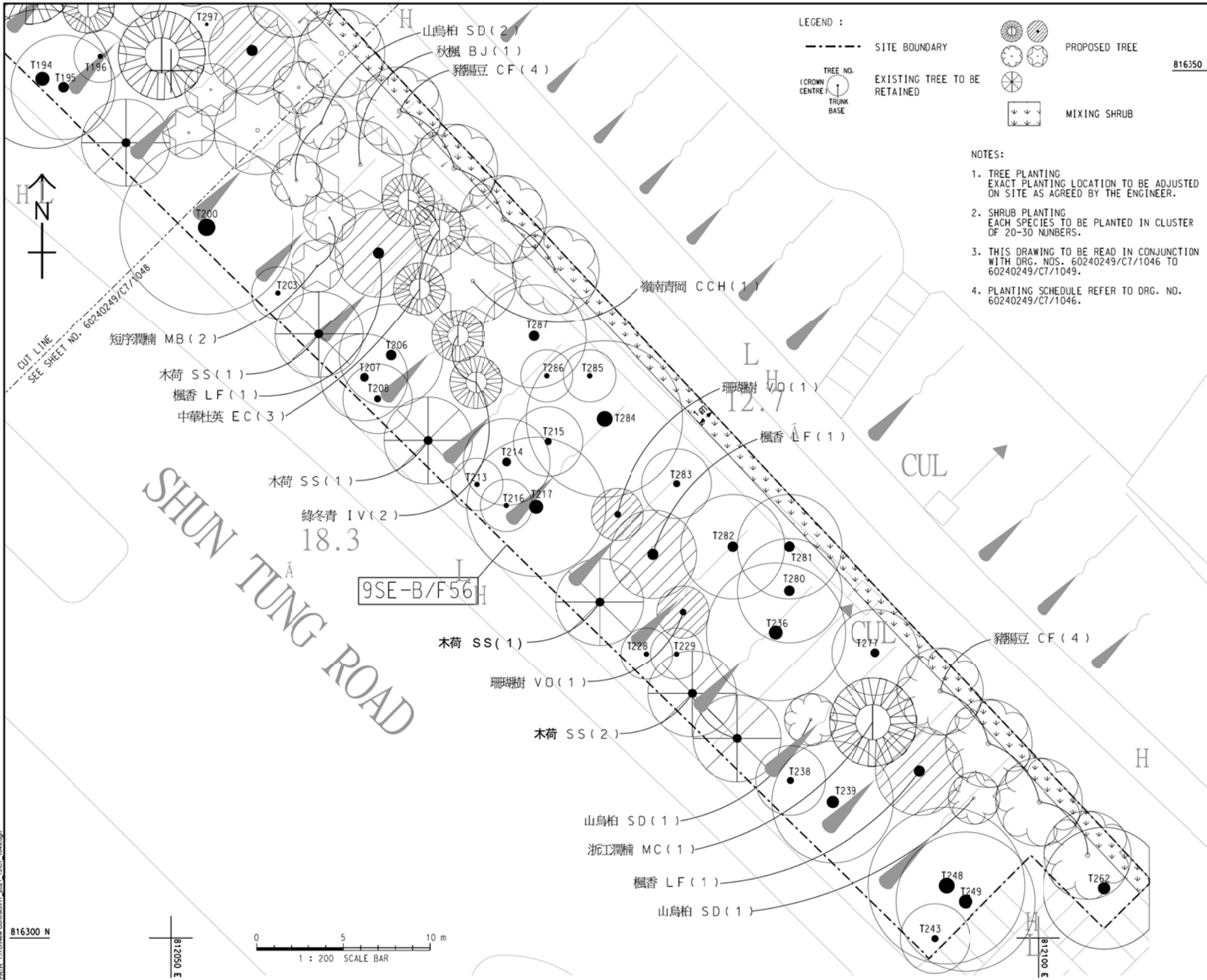
PROJECT NO. 60240249  
CONTRACT NO. HY/2021/13

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

SHEET NUMBER  
SHEET 3 OF 4

SHEET NUMBER  
60240249/C7/1048

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LEGEND :

- SITE BOUNDARY
- CUT LINE  
SEE SHEET NO. 60240249/C7/1048
- TREE NO.  
(CROWN CENTRE) TRUNK BASE
- EXISTING TREE TO BE RETAINED
- PROPOSED TREE
- MIXING SHRUB

816350 N

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.

ISSUE/REVISION

NO.	DATE	DESCRIPTION	CHK.
1	2021.12.01	ISSUE FOR TENDER	CWN
2	2022.01.10	REVISED TREE PLANTING PLAN	CWN

STATUS

FOR TENDER DRAWING

SCALE: A3 1:200 DIMENSION UNIT: METERS

KEY PLAN



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

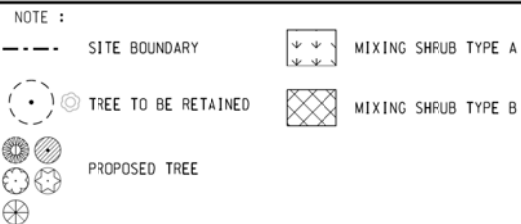
SHEET TITLE

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

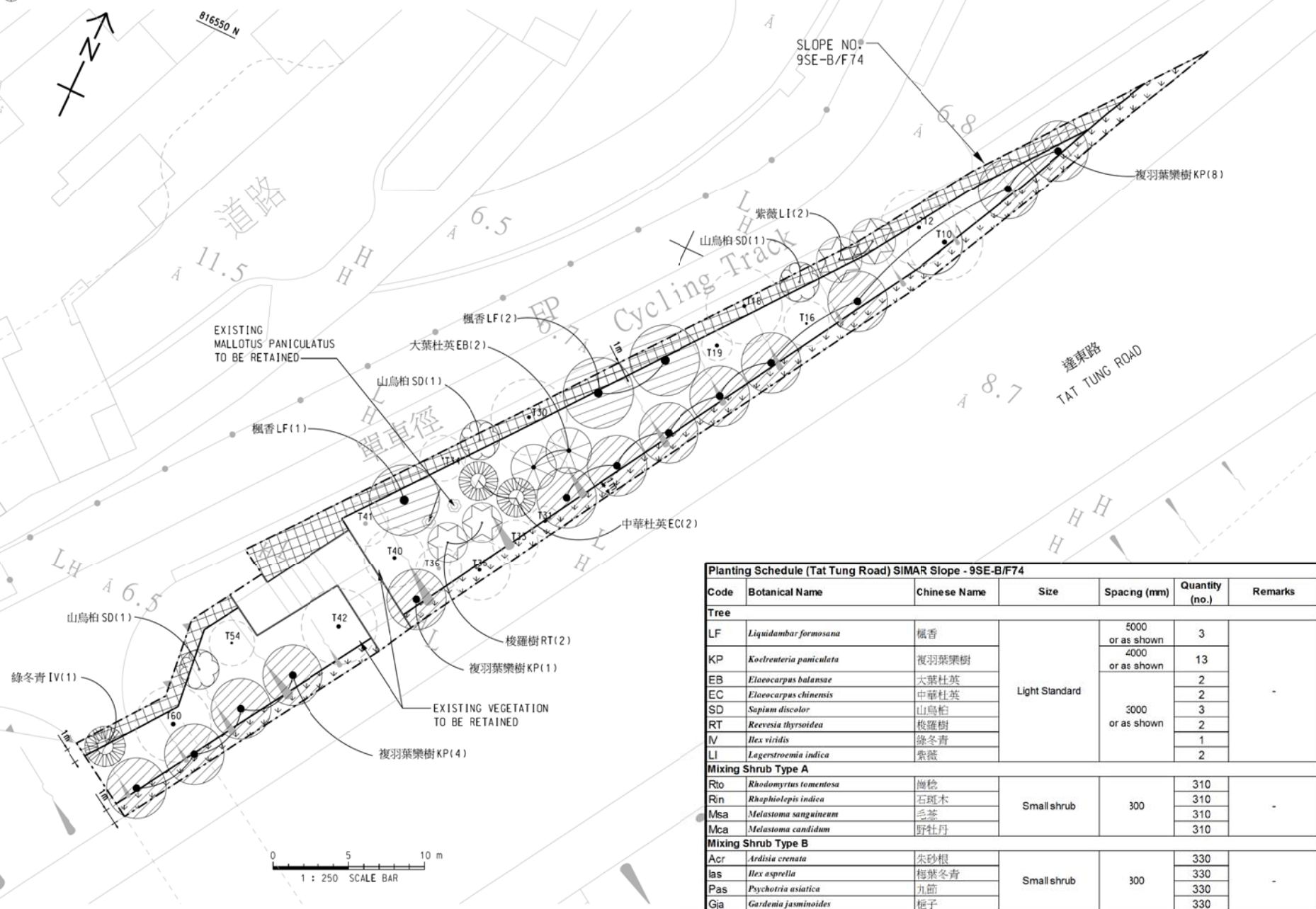
SHEET NUMBER 60240249/C7/1049



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- 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.



Code	Botanical Name	Chinese Name	Size	Spacing (mm)	Quantity (no.)	Remarks		
<b>Tree</b>								
LF	<i>Liquidambar formosana</i>	楓香	Light Standard	5000 or as shown	3			
KP	<i>Koeleria paniculata</i>	複羽葉樂樹		4000 or as shown	13			
EB	<i>Elaeocarpus balansae</i>	大葉杜英		2				
EC	<i>Elaeocarpus chinensis</i>	中華杜英		2				
SD	<i>Sapium discolor</i>	山烏柏		3				
RT	<i>Revesia thyrsoidea</i>	梭羅樹		2				
IV	<i>Ilex viridis</i>	綠冬青		1				
LI	<i>Lagerstroemia indica</i>	紫薇		2				
<b>Mixing Shrub Type A</b>								
Rto	<i>Rhodomyrtus tomentosa</i>	崗稔		Small shrub	300		310	
Rin	<i>Rhaphiolepis indica</i>	石斑木	310					
Msa	<i>Melastoma sanguineum</i>	毛茛	310					
Mca	<i>Melastoma candidum</i>	野牡丹	310					
<b>Mixing Shrub Type B</b>								
Acr	<i>Ardisia crenata</i>	朱砂根	Small shrub	300	330			
las	<i>Ilex asprella</i>	梅葉冬青			330			
Pas	<i>Psychotria asiatica</i>	九節			330			
Gia	<i>Gardenia jasminoides</i>	梔子			330			

**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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**ISSUE/REVISION**

NO.	DESCRIPTION	DATE	BY	CHK.
1	ISSUE FOR TENDER			
2	REVISION			

SR: SER 21 TENDER DRAWING CWN  
DR: DATE DESCRIPTION CHK.

**SCALE**  
A3 1:250

**DIMENSION UNIT**  
公尺/米

**KEY PLAN**  
LOCATION PLAN

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

**SHEET TITLE**  
TREE AND SHRUB PLANTING PLAN FOR SLOPE NO.9SE-B/F74 AT TAT TUNG ROAD, TUNG CHUNG

**SHEET NUMBER**  
60240249/C7/1050

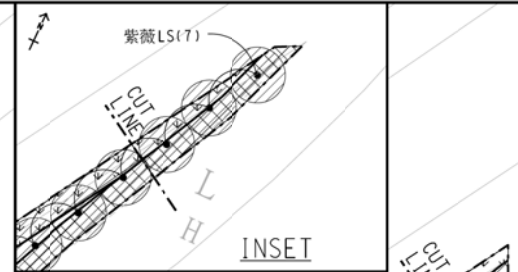
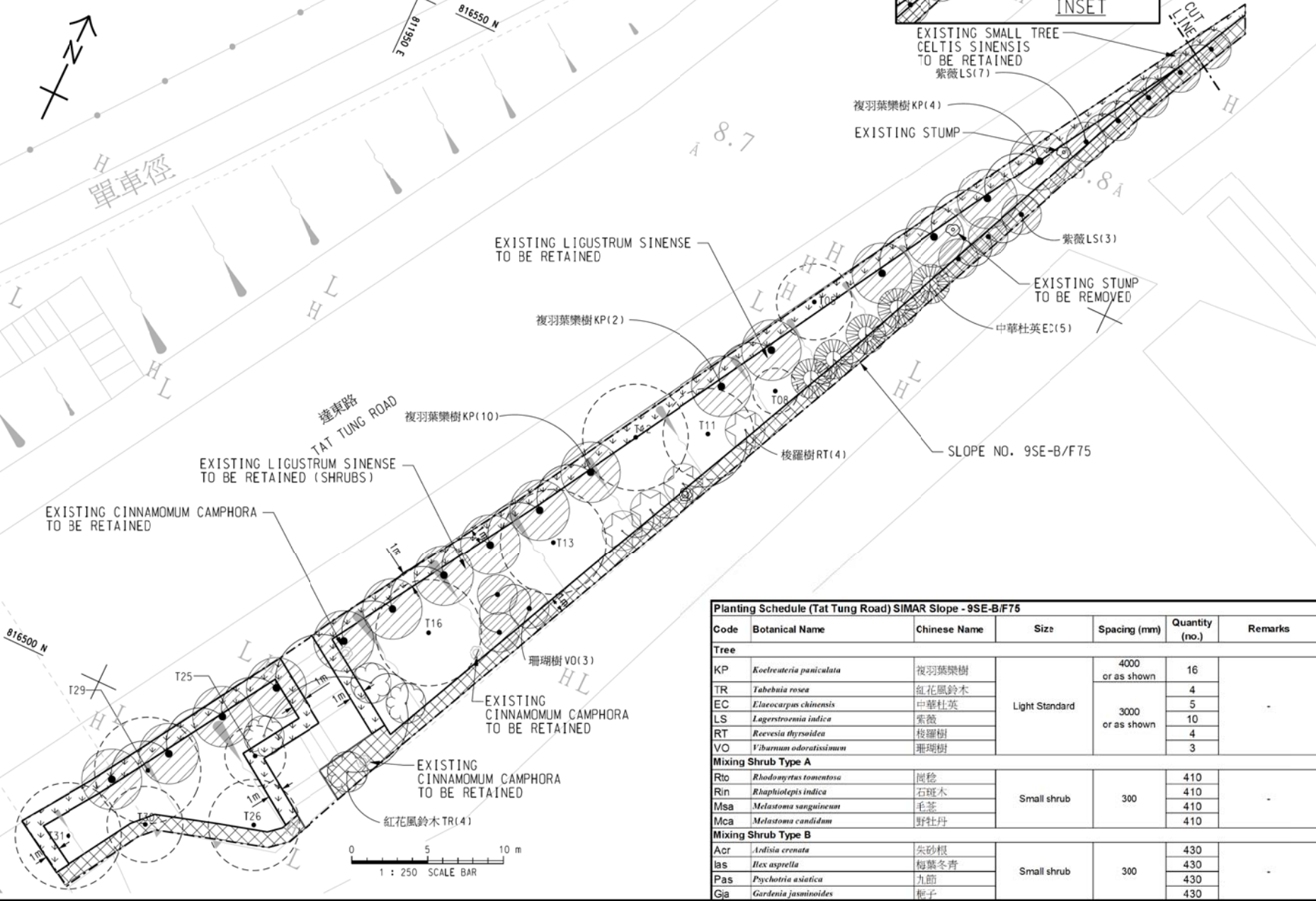


**LEGEND :**

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

**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/F75						
Code	Botanical Name	Chinese Name	Size	Spacing (mm)	Quantity (no.)	Remarks
<b>Tree</b>						
KP	<i>Koeleria paniculata</i>	複羽葉欖樹	Light Standard	4000 or as shown	16	
TR	<i>Tabebuia rosea</i>	紅花風鈴木		4		
EC	<i>Elaeocarpus chinensis</i>	中華杜英		5		
LS	<i>Lagerstroemia indica</i>	紫薇		10		
RT	<i>Roeesia thyrsoidea</i>	梭羅樹		4		
VO	<i>Viburnum odoratissimum</i>	珊瑚樹	3			
<b>Mixing Shrub Type A</b>						
Rto	<i>Rhodomyrtus tomentosa</i>	崗稔	Small shrub	300	410	
Rin	<i>Rhaphirolepis indica</i>	石斑木			410	
Msa	<i>Melastoma sanguineum</i>	毛蕊			410	
Mca	<i>Melastoma candidum</i>	野牡丹			410	
<b>Mixing Shrub Type B</b>						
Acr	<i>Ardisia crenata</i>	朱砂根	Small shrub	300	430	
las	<i>Ilex asprella</i>	梅葉冬青			430	
Pas	<i>Psychotria asiatica</i>	九節			430	
Gia	<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  
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  
伊士利建築師有限公司

ISSUE/REVISION

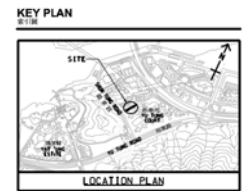
NO.	DESCRIPTION	DATE

STATUS

NO.	DESCRIPTION	DATE

SCALE DIMENSION UNIT

A3 1:250 毫米



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/C/1051

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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

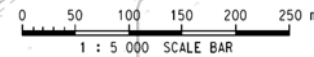
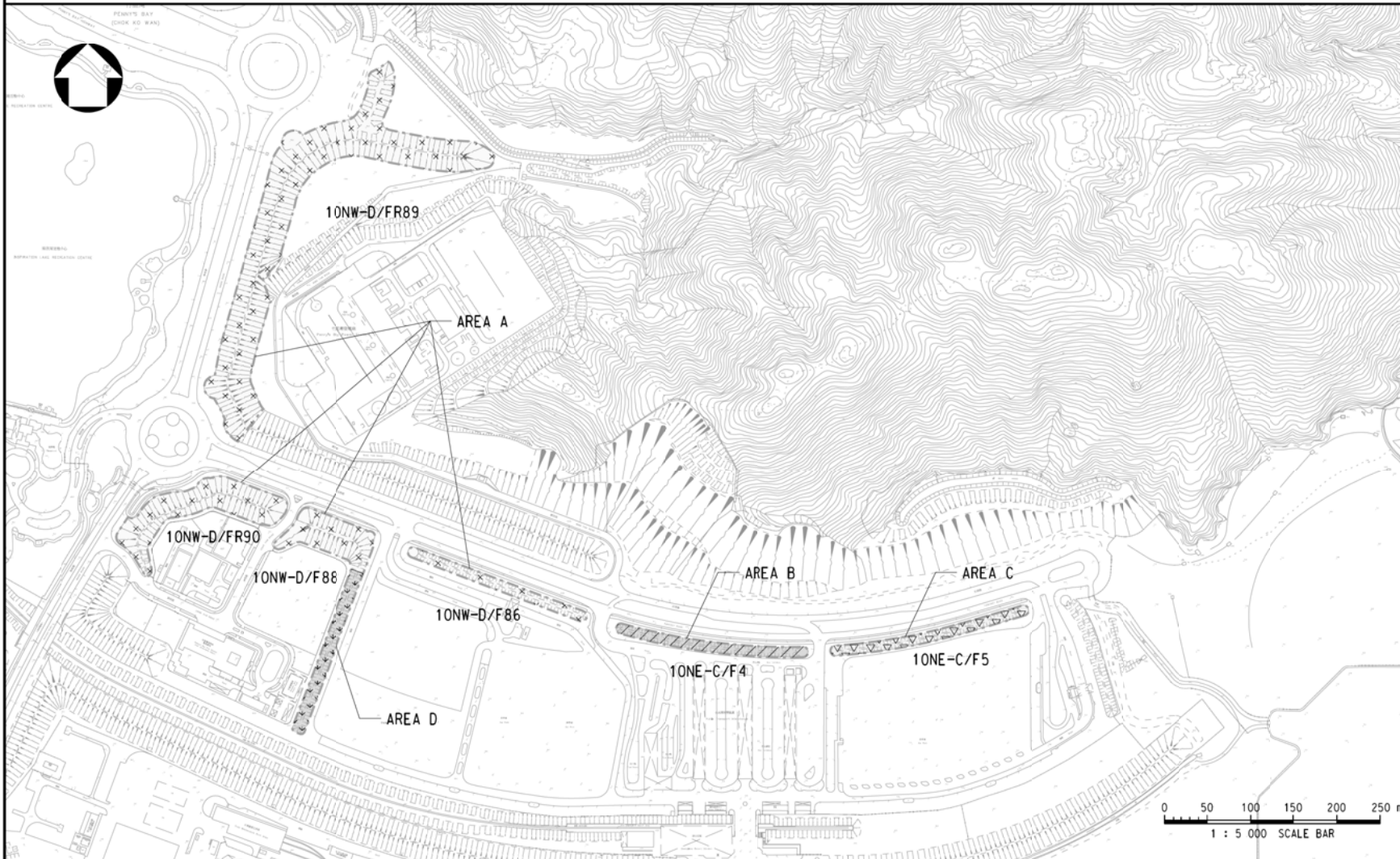
GENERAL NOTES AND  
LOCATION PLAN

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

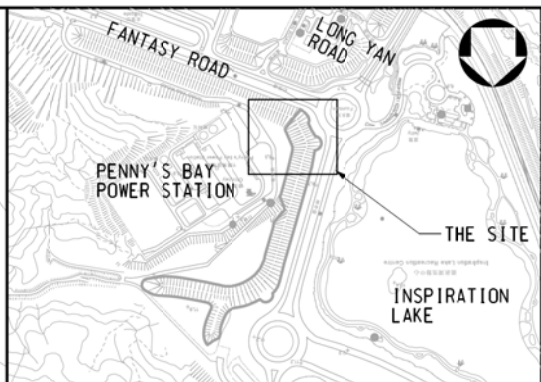
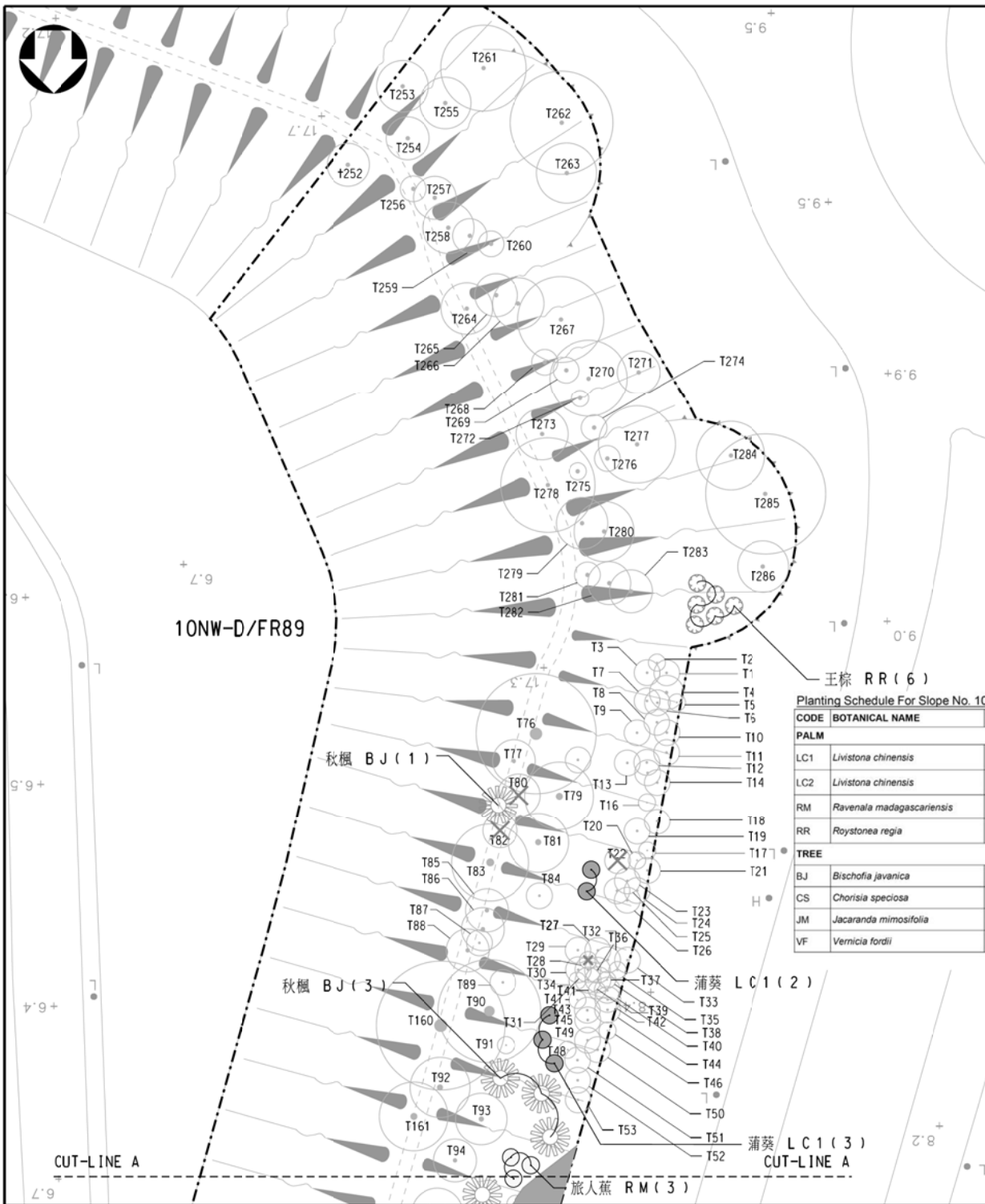
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**LOCATION PLAN**  
1 : 10 000

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

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	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
<b>PALM</b>						
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	
<b>TREE</b>						
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

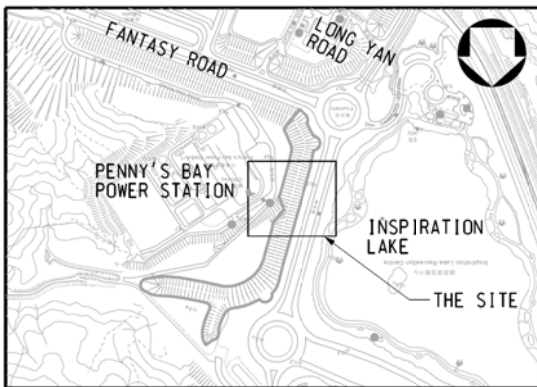
drawing title  
TREE PLANTING PLAN - SLOPE NO.  
10NW-D/FR89 (AREA A)  
(SHEET 1 OF 3)

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

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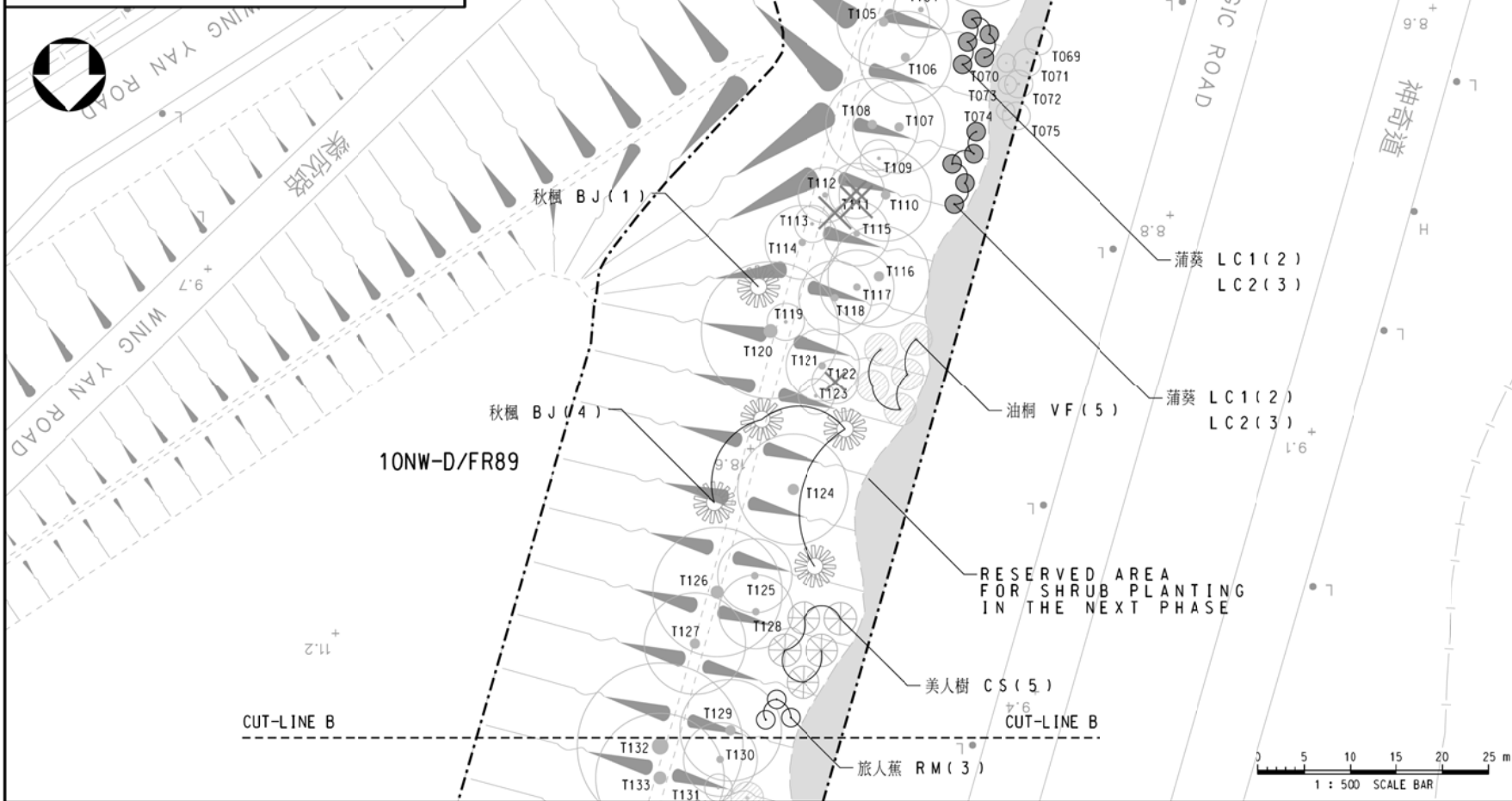


**LOCATION PLAN**

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 :**

- 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. -

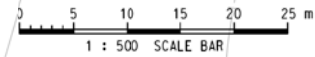
project no.  
 contract  
 PROVISION OF ECOLOGICAL  
 ENHANCEMENT PLANTING AND  
 YARD WASTE RECYCLING ON SLOPES  
 AT NORTH LANTAU ISLAND

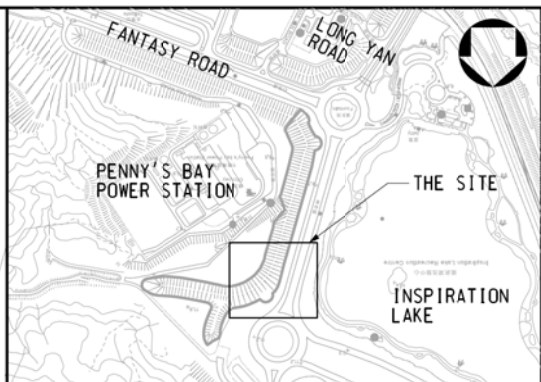
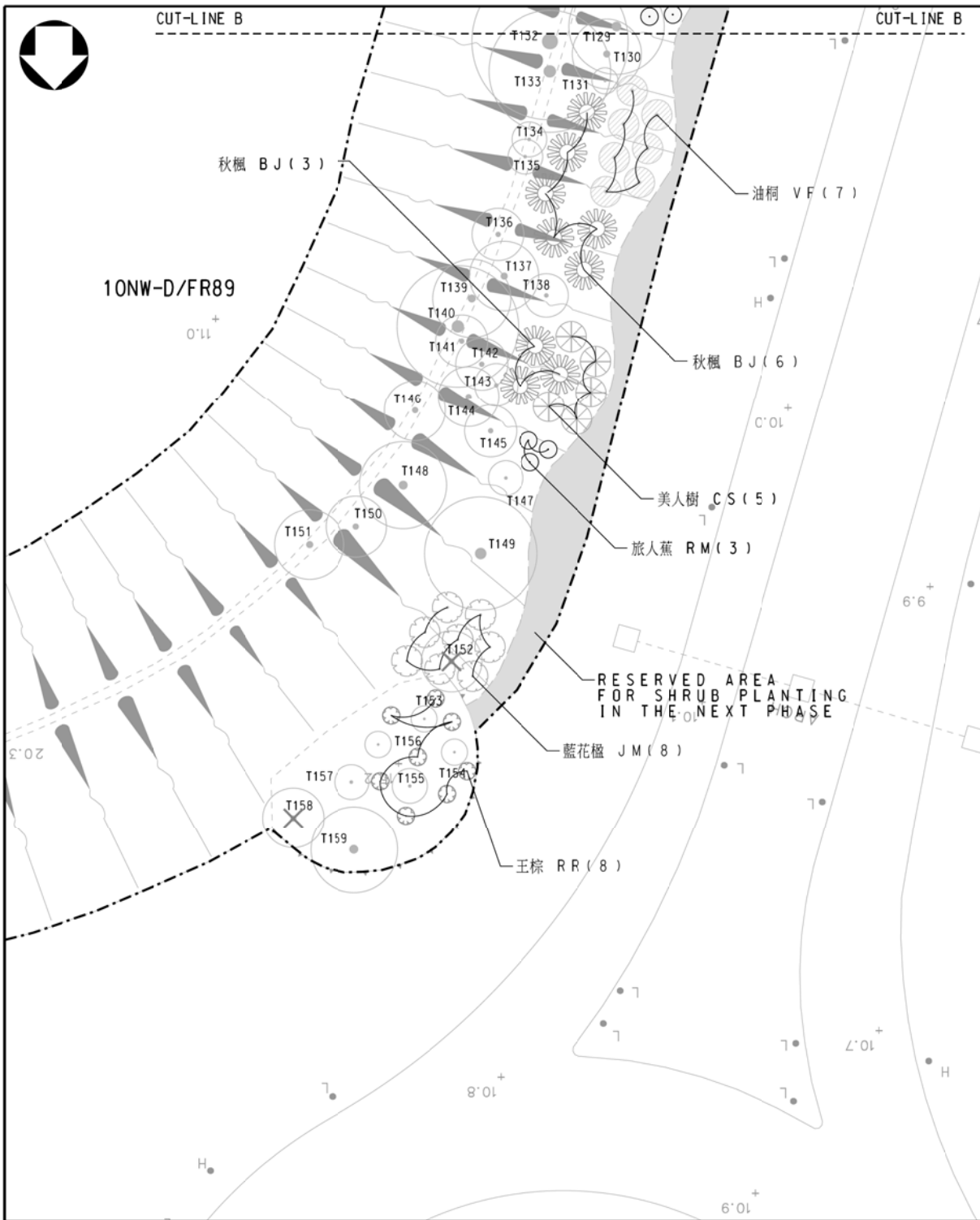
drawing title  
 TREE PLANTING PLAN - SLOPE NO.  
 10NW-D/FR89 (AREA A)  
 (SHEET 2 OF 3)

drawing no.	scale
HLANT1509-LA2002-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		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. -

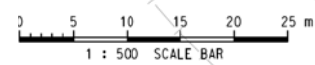
project no.  
 contract  
 PROVISION OF ECOLOGICAL  
 ENHANCEMENT PLANTING AND  
 YARD WASTE RECYCLING ON SLOPES  
 AT NORTH LANTAU ISLAND

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

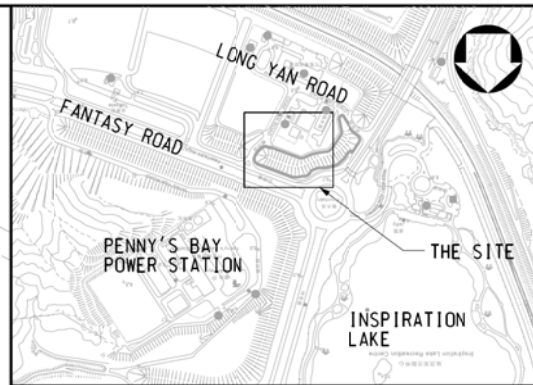
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Planting Schedule For Slope No. 10NW-D/FR90 (Drawing No. LA2004) in Area A

CODE	BOTANICAL NAME	CHINESE NAME	SIZE	SPACING (mm)	QUANTITY	REMARKS
<b>PALM</b>						
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
<b>TREE</b>						
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	
<b>SPECIMEN SHRUB</b>						
YL	<i>Yulania liliiflora</i>	紫玉蘭	1.5m(H) 1m(spread)	4000 or as shown	7	
TOTAL					65	



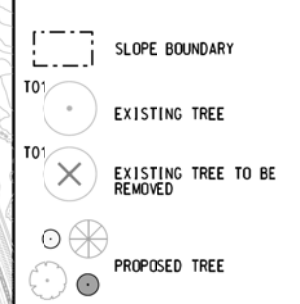
LOCATION PLAN

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

W.F. YAU

Senior Landscape Architect

contract no. Hy(S)10/088/2020

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/FR90 (AREA A)

drawing no.

HLANT1509-LA2004-A

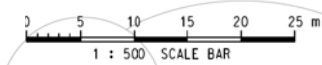
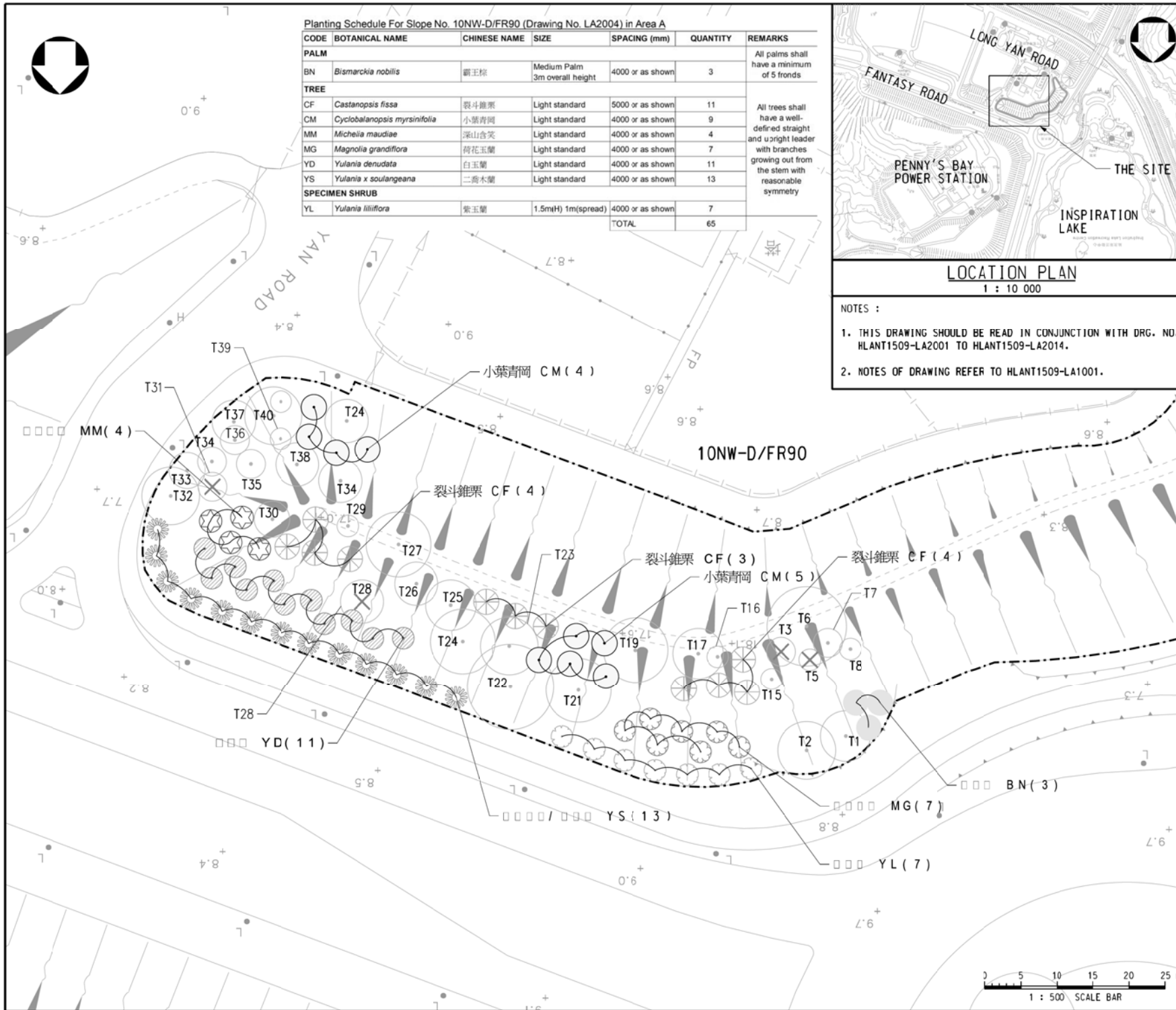
scale

1 : 500  
OR  
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CUT-LINE A

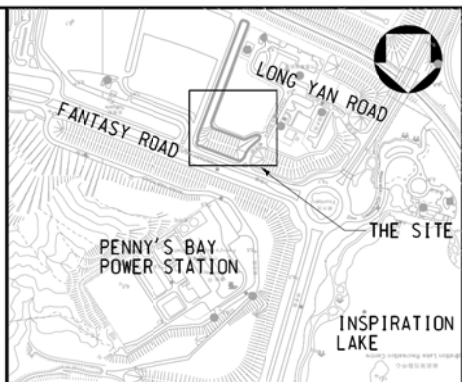
CUT-LINE A

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	
<b>TREE</b>							
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>	大葉紫薇	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		
<b>SPECIMEN TREE</b>							
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)

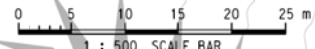
大葉紫薇 LS(3)

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)

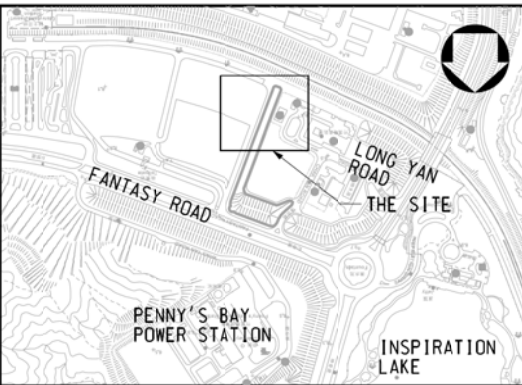
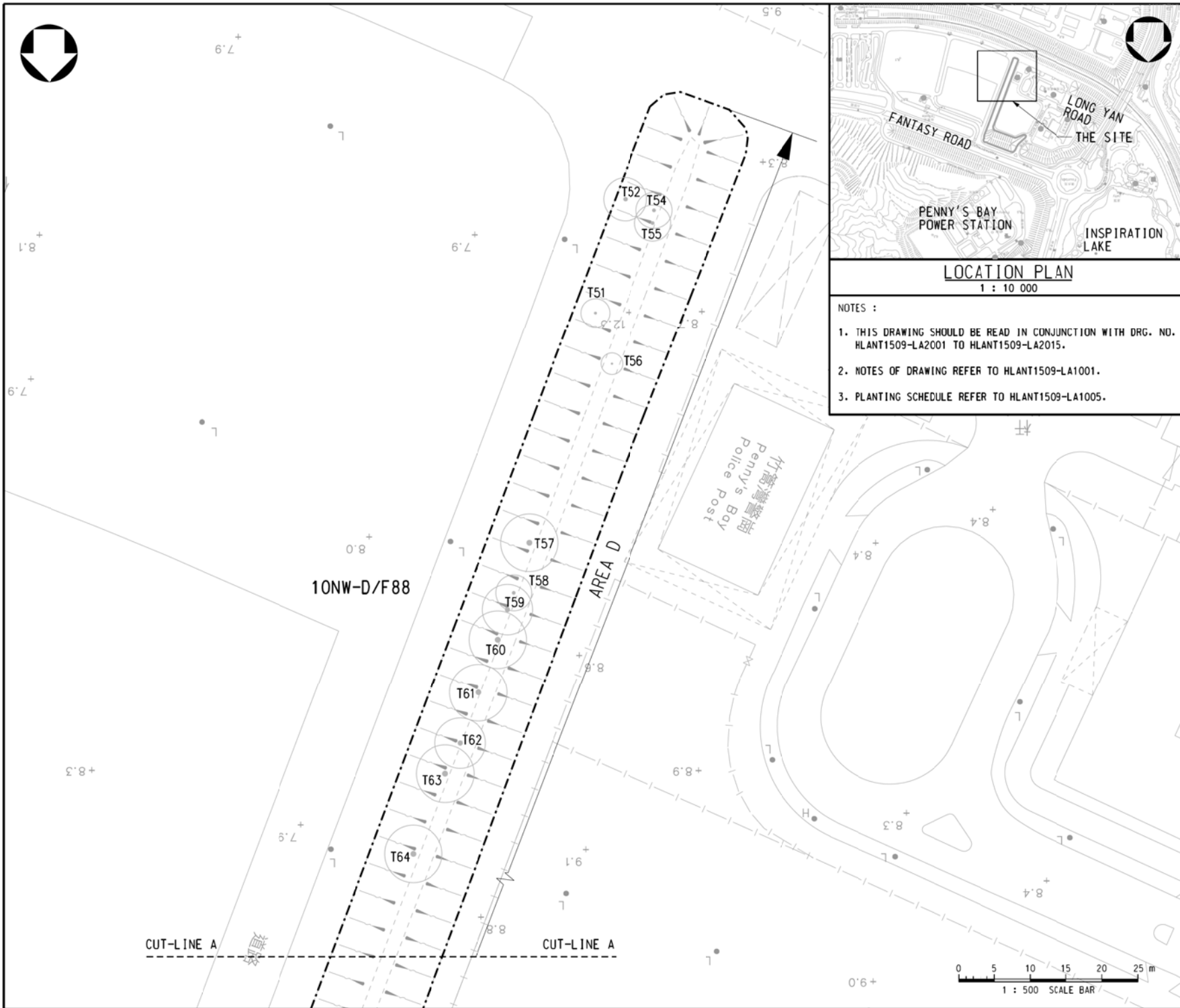
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**LOCATION PLAN**  
1 : 10 000

- 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.

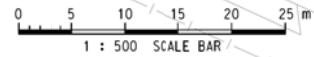
contract  
 PROVISION OF ECOLOGICAL  
 ENHANCEMENT PLANTING AND  
 YARD WASTE RECYCLING ON SLOPES  
 AT NORTH LANTAU ISLAND

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

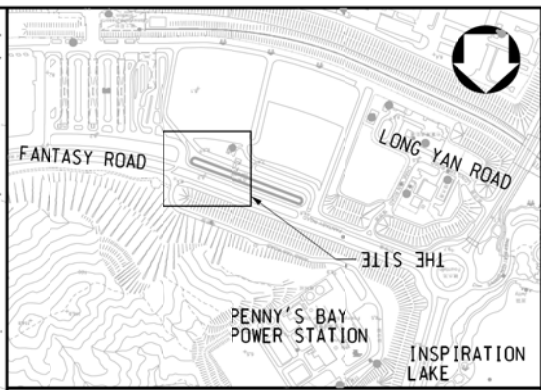
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Planting Schedule For Slope No. 10NW-D/F86 (Drawing No. LA2007 and LA2008) in Area A

CODE	BOTANICAL NAME	CHINESE NAME	SIZE	SPACING (mm)	QUANTITY	REMARKS
<b>TREE</b>						
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	
<b>TOTAL</b>					<b>51</b>	



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.

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.	-		

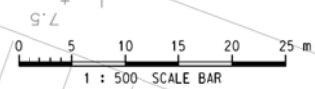
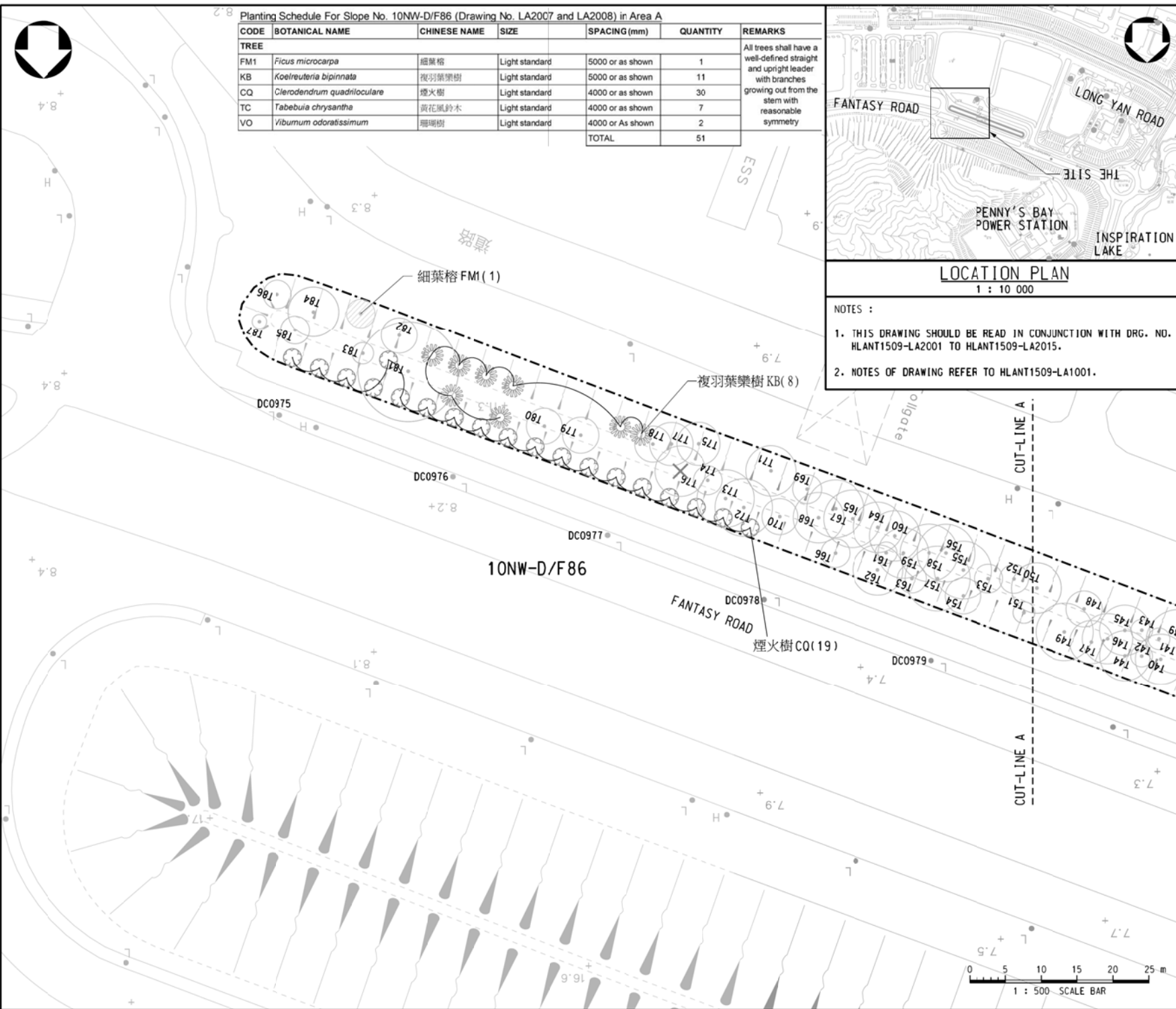
contract  
PROVISION OF ECOLOGICAL ENHANCEMENT PLANTING AND YARD WASTE RECYCLING ON SLOPES AT NORTH LANTAU ISLAND

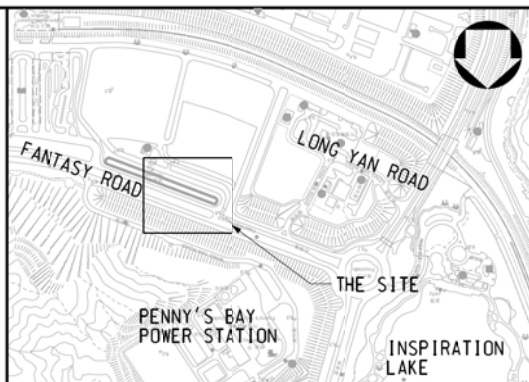
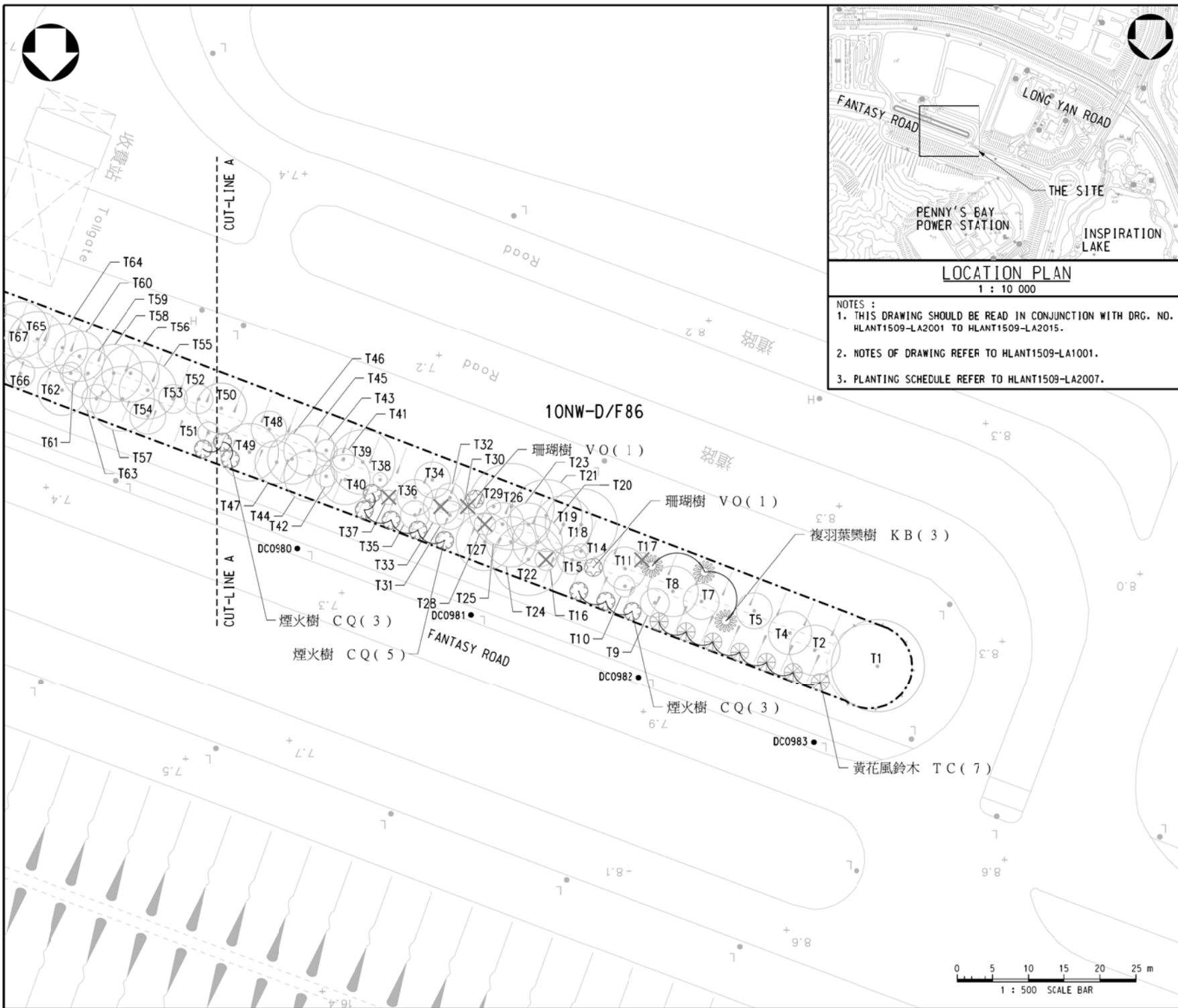
drawing title  
TREE PLANTING PLAN - SLOPE NO. 10NW-D/F86 (AREA A) (SHEET 1 OF 2)

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

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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.  
 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. -

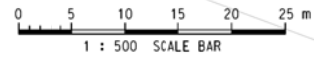
project no.  
 contract  
 PROVISION OF ECOLOGICAL  
 ENHANCEMENT PLANTING AND  
 YARD WASTE RECYCLING ON SLOPES  
 AT NORTH LANTAU ISLAND

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

drawing no.	scale
HLANT1509-LA2008-A	1 : 500 OR AS SHOWN

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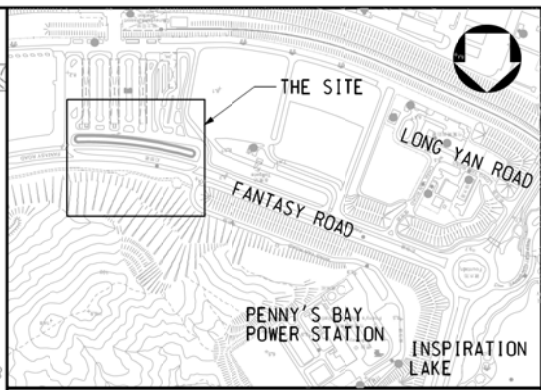
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Planting Schedule For Slope No. 10NE-C/F4 (Drawing No. LA2009 and LA2010) in Area B

CODE	BOTANICAL NAME	CHINESE NAME	SIZE	SPACING (mm)	QUANTITY	REMARKS
<b>TREE</b>						
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 thyrsoides</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	

<b>SHRUB</b>						
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

**NOTES :**

- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DWG. NO. HLAHK1509-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.

approved			
	SIGNED		
	W.F. YAU		JAN 21
	Senior Landscape Architect		Date
contract no.	Hy(S)0/088/2020		
file no.	-		
project no.	-		

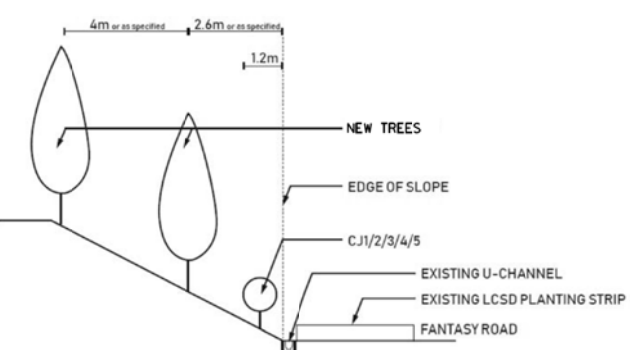
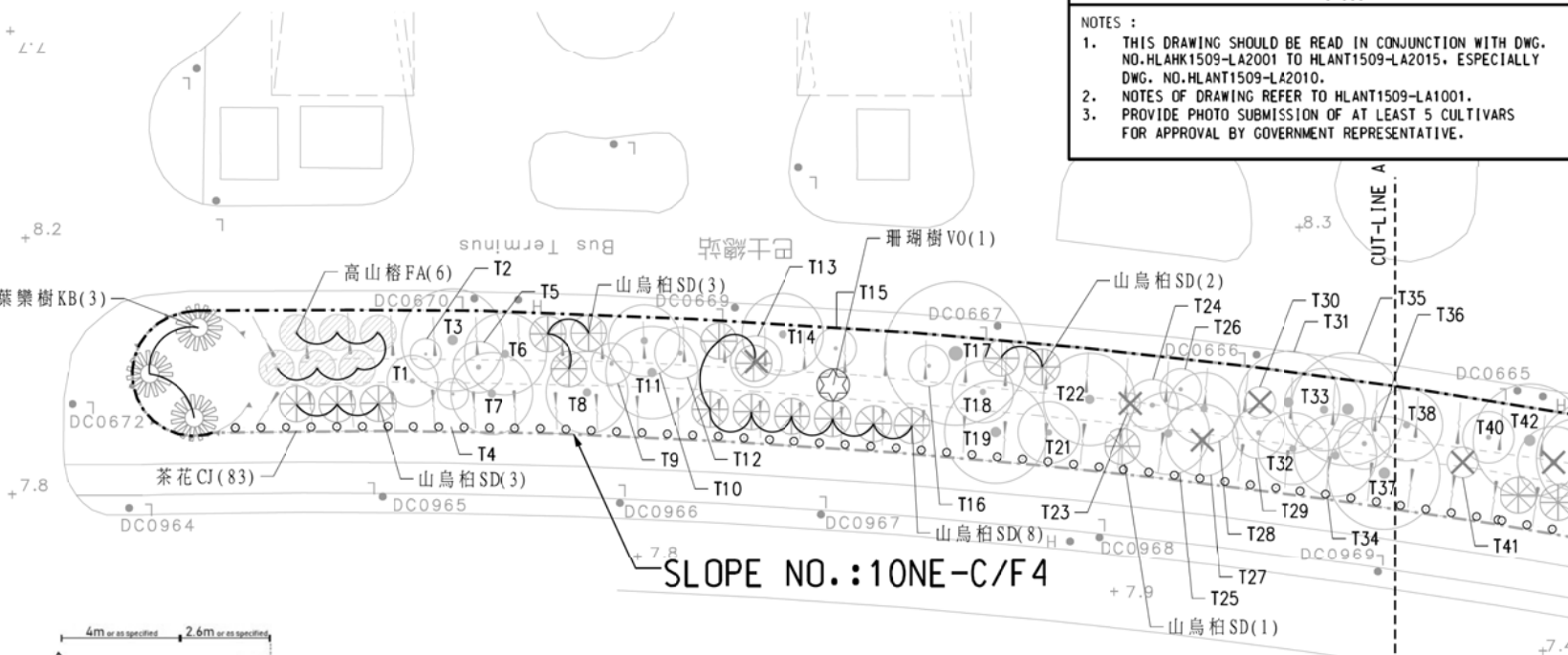
contract  
PROVISION OF ECOLOGICAL  
ENHANCEMENT PLANTING AND  
YARD WASTE RECYCLING ON SLOPES  
AT NORTH LANTAU ISLAND

drawing title  
TREE PLANTING PLAN - SLOPE NO.  
10NE-C/F4 (AREA B)  
(SHEET 1 OF 2)

drawing no.	scale
HLANT1509-LA2009-A	1 : 500 OR AS SHOWN

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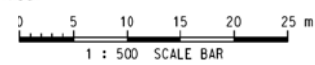
office  
LANDSCAPE DIVISION

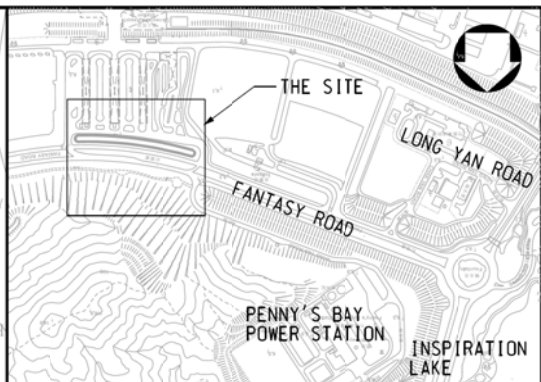
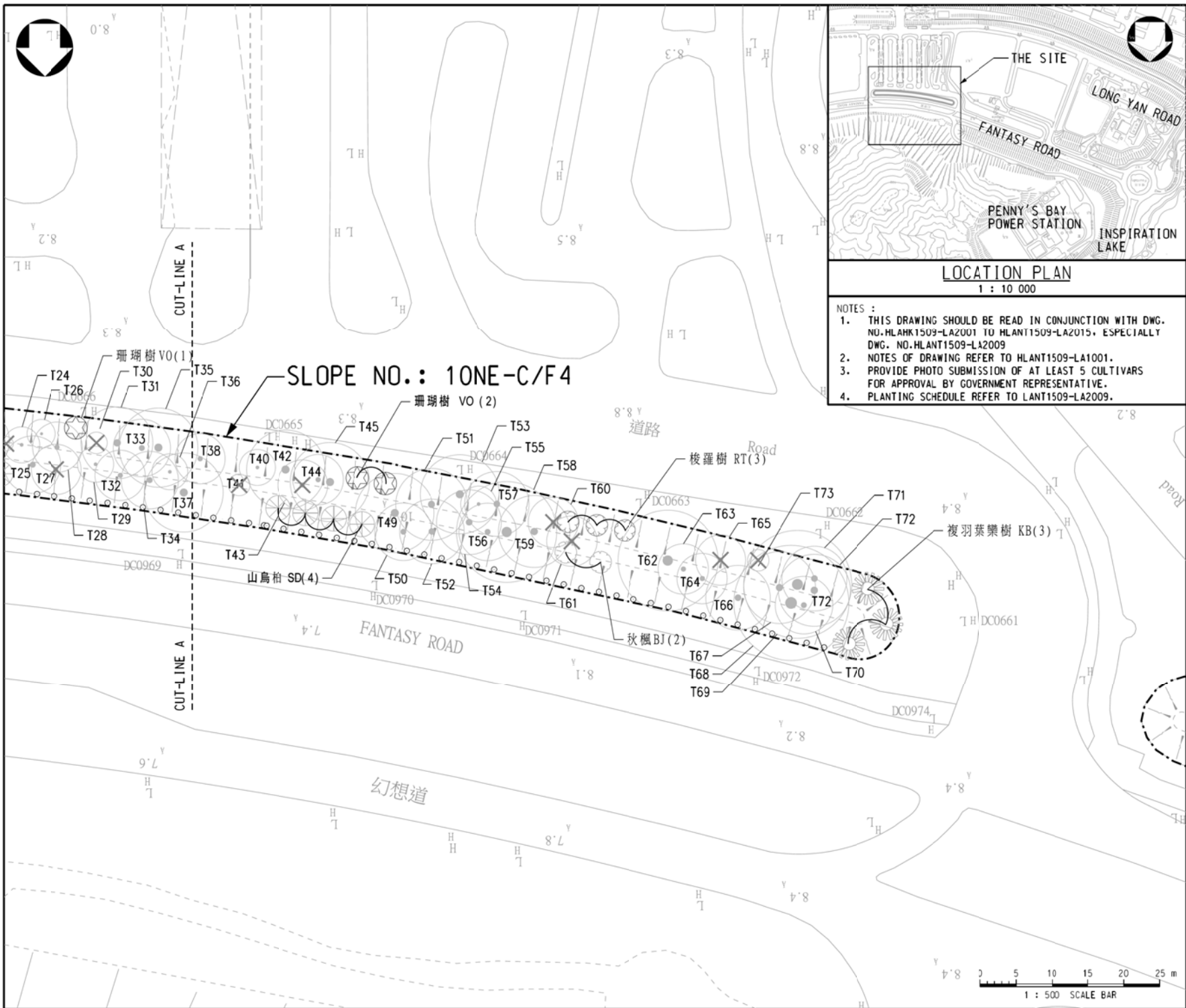


REFERENCE IMAGES OF SHRUBS:



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





LOCATION PLAN  
1 : 10 000

- NOTES :
1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DWG. NO. HLANK1509-LA2001 TO HLAN1509-LA2015, ESPECIALLY DWG. NO. HLAN1509-LA2009
  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.	scale
HLANT1509-LA2010	1 : 500 OR AS SHOWN

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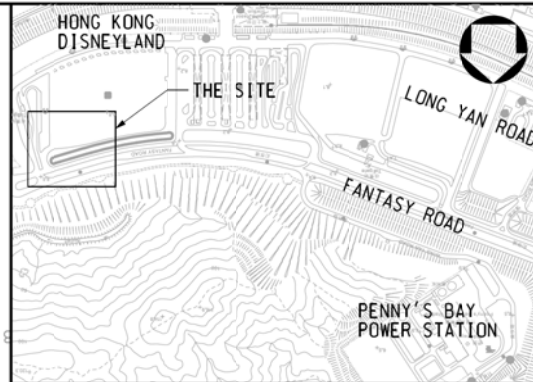






Planting Schedule For Slope No. 10NE-C/F5 (Drawing No. LA2011 and LA2012) in Area C

CODE	BOTANICAL NAME	CHINESE NAME	SIZE	SPACING (mm)	QUANTITY	REMARKS
<b>TREE</b>						
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	
<b>TOTAL</b>					<b>46</b>	



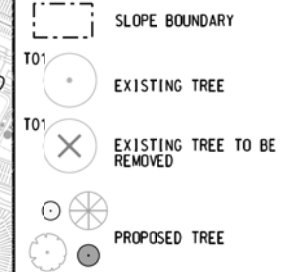
LOCATION PLAN

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 :



no.	date	description	initial
B	6/21	COMPENSATORY TREE REVISED	SIGNED
A	1/21	COMPENSATORY TREE REVISED	SIGNED

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

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

file no. -

project no.

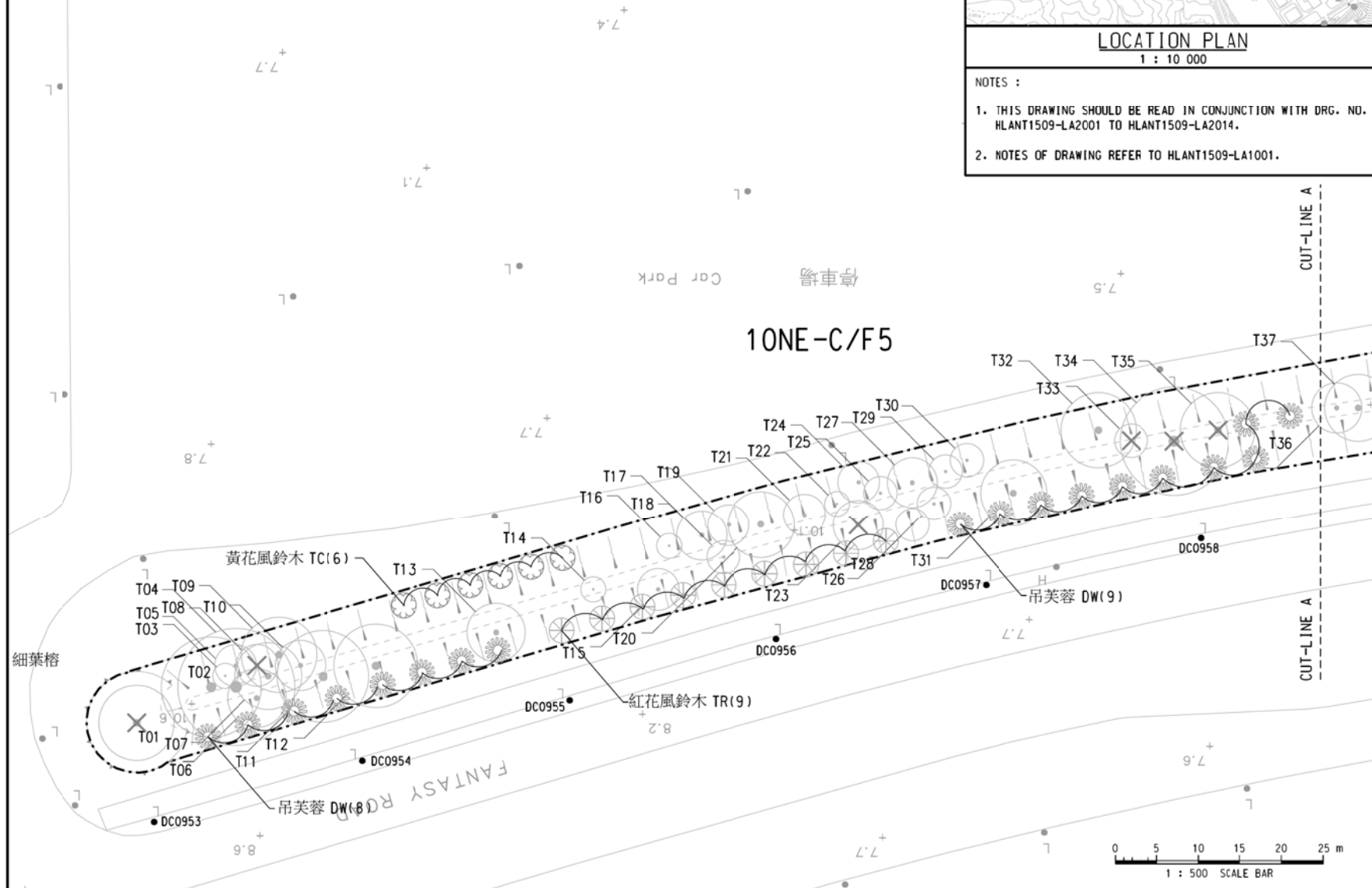
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 ENHANCEMENT PLANTING AND  
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 AT NORTH LANTAU ISLAND

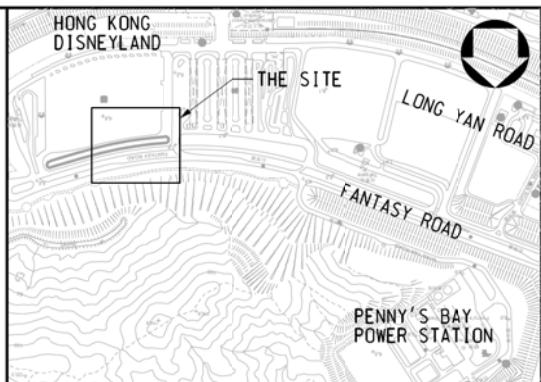
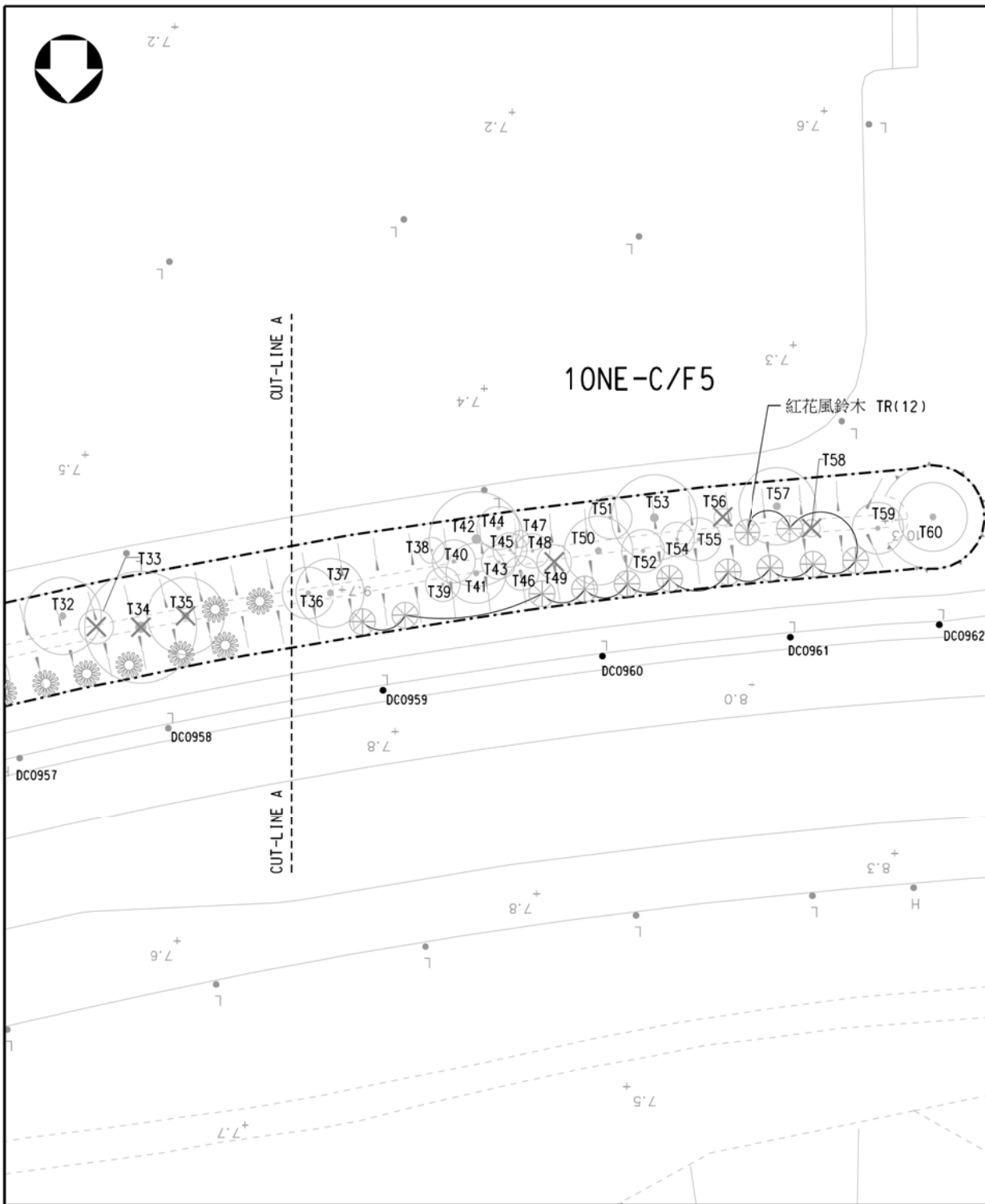
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 TREE PLANTING PLAN - SLOPE  
 NO. 10NE-C/F5 (AREA C)  
 (SHEET 1 OF 2)

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

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LOCATION PLAN  
1 : 10 000

- NOTES :
1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRG. NO. HLANT1509-LA2001 TO HLANT1509-LA2015.
  2. NOTES OF DRAWING REFER TO HLANT1509-LA1001.
  3. 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.

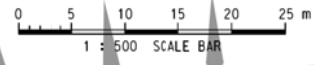
contract  
PROVISION OF ECOLOGICAL ENHANCEMENT PLANTING AND YARD WASTE RECYCLING ON SLOPES AT NORTH LANTAU ISLAND

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 F**

### **Checklist for Landscape and Visual Monitoring**

Contract No. HY/2021/13

Provision of Remaining Compensation Tree Planting for the Tuen Mun – Chek Lap Kok Link Project



**Landscape and Visual Checklist**

**Monitoring Date: 23<sup>rd</sup> June 2022**

Item	Environmental Protection Measures	Location/ Timing	Implementation Agent	Status				Remarks
				A	UA	IR	NA	
1	Existing trees on boundary of the Project Area shall be carefully protected during construction. Detailed Tree Protection Specification shall be provided in the Contract Specification. Under this specification, the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees, including trees in contractor's works areas. (Tree protection measures will be detailed at Tree Removal Application stage)	All areas / During construction	Design Consultant/ Contractor	√				
2	Trees unavoidably affected by the works shall be transplanted where practical. Trees will be transplanted straight to their final receptor site and not held in a temporary nursery. A detailed Tree Transplanting Specification shall be provided in the Contract Specification. Sufficient time for necessary tree root and crown preparation periods shall be allowed in the project programme	All areas / During construction	Design Consultant/ Contractor				√	No transplantation works has been carried out for this contract.
3	Hillside and roadside screen planting to proposed roads, associated structures and slope works	All areas / During construction	Design Consultant/ Contractor				√	No hillside and roadside screen planting has been carried out for this contract.
4	Hydroseeding or sheeting of soil stockpiles with visually unobtrusive material (in earth tone)	All areas / During construction	Design Consultant/ Contractor				√	No hydroseeding or sheeting of soil stockpiles
5	Screening of construction works by hoardings around works area in visually unobtrusive colours, to screen works	All areas / During construction	Design Consultant/ Contractor				√	According to the job nature and the scale of the Contract, no

								hoarding will be installed.
6	Control night-time lighting and glare by hooding all lights	All areas / During construction	Design Consultant/ Contractor				√	No lighting will be installed.
7	Ensure no run-off into water body adjacent to the Project Area	All areas / During construction	Design Consultant/ Contractor	√				
8	Avoidance of excessive height and bulk of buildings and structures	All areas / During construction	Design Consultant/ Contractor				√	No building or structures would be constructed.
9	Recycle/Reuse all felled trees and vegetation, e.g. mulching	All areas / During construction	Design Consultant/ Contractor	√				Recycle of trees and vegetation will be carry out by licensed recycler if necessary.
10	Compensatory tree planting shall be provided to the satisfaction of relevant Government departments. Required numbers and locations of compensatory trees shall be determined and agreed separately with Government during the Tree Felling Application process under ETWBTC 3/2006	All areas / During construction	Design Consultant/ Contractor	√				Compensatory planting was carried out according to the approved L&V Plan.

Legend: A=Acceptable, UA= Unacceptable, IR=Improvement Required, N/A=Not Applicable

Note: All item reference to Technical Memorandum on Environmental Impact Assessment, TM-CLKL EIA Section 10.9 & Project EM&A Manual Section 7.6

Checked and Monitored by: *Candy Lau* **Candy Lau (RLA)** 23 June 2022 (Date)

Checked by: *[Signature]* **Ben Tam (ET)** 23 June 2022 (Date)

Checked by: *[Signature]* **Brian Tam (IEC Rep.)** 2 Aug 2022 (Date)



## Photo Record



Item 1: No damage was observed for the existing trees on boundary during the planting works.



Item 7: Ensure no run-off into water body

Contract No. HY/2021/13

Provision of Remaining Compensation Tree Planting for the Tuen Mun – Chek Lap Kok Link Project



**Landscape and Visual Checklist**

**Monitoring Date: 29<sup>th</sup> June 2022**

Item	Environmental Protection Measures	Location/ Timing	Implementation Agent	Status				Remarks
				A	UA	IR	NA	
1	Existing trees on boundary of the Project Area shall be carefully protected during construction. Detailed Tree Protection Specification shall be provided in the Contract Specification. Under this specification, the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees, including trees in contractor's works areas. (Tree protection measures will be detailed at Tree Removal Application stage)	All areas / During construction	Design Consultant/ Contractor	√				
2	Trees unavoidably affected by the works shall be transplanted where practical. Trees will be transplanted straight to their final receptor site and not held in a temporary nursery. A detailed Tree Transplanting Specification shall be provided in the Contract Specification. Sufficient time for necessary tree root and crown preparation periods shall be allowed in the project programme	All areas / During construction	Design Consultant/ Contractor				√	No transplantation works has been carried out for this contract.
3	Hillside and roadside screen planting to proposed roads, associated structures and slope works	All areas / During construction	Design Consultant/ Contractor				√	No hillside and roadside screen planting has been carried out for this contract.
4	Hydroseeding or sheeting of soil stockpiles with visually unobtrusive material (in earth tone)	All areas / During construction	Design Consultant/ Contractor				√	No hydroseeding or sheeting of soil stockpiles
5	Screening of construction works by hoardings around works area in visually unobtrusive colours, to screen works	All areas / During construction	Design Consultant/ Contractor				√	According to the job nature and the scale of the Contract, no

								hoarding will be installed.
6	Control night-time lighting and glare by hooding all lights	All areas / During construction	Design Consultant/ Contractor				√	No lighting will be installed.
7	Ensure no run-off into water body adjacent to the Project Area	All areas / During construction	Design Consultant/ Contractor	√				
8	Avoidance of excessive height and bulk of buildings and structures	All areas / During construction	Design Consultant/ Contractor				√	No building or structures would be constructed.
9	Recycle/Reuse all felled trees and vegetation, e.g. mulching	All areas / During construction	Design Consultant/ Contractor	√				Recycle of trees and vegetation will be carry out by licensed recycler if necessary.
10	Compensatory tree planting shall be provided to the satisfaction of relevant Government departments. Required numbers and locations of compensatory trees shall be determined and agreed separately with Government during the Tree Felling Application process under ETWBTC 3/2006	All areas / During construction	Design Consultant/ Contractor	√				Compensatory planting was carried out according to the approved L&V Plan.

Legend: A=Acceptable, UA= Unacceptable, IR=Improvement Required, N/A=Not Applicable

Note: All item reference to Technical Memorandum on Environmental Impact Assessment, TM-CLKL EIA Section 10.9 & Project EM&A Manual Section 7.6

Checked and Monitored by: *Candy Lau* **Candy Lau (RLA)** 29 June 2022 **(Date)**

Checked by: *[Signature]* **Ben Tam (ET)** 29 June 2022 **(Date)**

Checked by: *[Signature]* **Brian Tam (IEC Rep.)** 2 Aug 2022 **(Date)**



## Photo Record



Item 1: No damage was observed for the existing trees on boundary during the planting works.



Item 7: Ensure no run-off into water body

## **Appendix G**

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

Note:

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

## **Appendix H**

### **Monthly Summary Waste Flow Table**

# Monthly Summary Waste Flow Table for June 2022

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Stockpiled for Reuse or Recycle (1)	Reused in TM-CLK Project	Reused in other Projects	Disposed to Public Fill Banks or Sorting Facilities (2)	Imported Fill	Metals	Paper/ cardboard packaging	Plastics	Chemical Waste	Chemical Waste	Disposed to Landfill (e.g. general refuse)
	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000L)	(in '000kg)
Yr 2022												
Jan	-	-	-	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-
Jun	0	0	0	0	0	0	0	0	0	0	0	0
Jul												
Aug												
Sep												
Oct												
Nov												
Dec												
total	0	0	0	0	0	0	0	0	0	0	0	0

Remarks: (1) All inert C&D materials will be reused in the Contract/other Projects

(2) Assume all materials disposed to public fill banks or sorting facility has a density of 2 tonnes/m<sup>3</sup>

## **Appendix I**

### **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**

<b>Air Quality</b>								
<b>EIA reference</b>	<b>EM&amp;A Manual reference</b>	<b>Environmental Protection Measures</b>	<b>Location/ Timing</b>	<b>Implementation Agent</b>	<b>Relevant Standard or Requirement</b>	<b>Implementation Stages</b>		
						<b>D</b>	<b>C</b>	<b>O</b>
4.8.1	3.8	An effective watering programme of twice daily watering with complete coverage, is estimated to reduce by 50%. This is recommended for all areas in order to reduce dust levels to a minimum;	All areas / throughout construction period	Contractor	TMEIA Avoid smoke impacts and disturbance		Y	
4.8.1	3.8	Watering of the construction sites in Lantau for 8 times/day and in Tuen Mun for 12 times/day to reduce dust emissions by 87.5% and 91.7% respectively and shall be undertaken.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Y	
4.8.1	3.8	The Contractor shall, to the satisfaction of the Engineer, install effective dust suppression measures and take such other measures as may be necessary to ensure that at the Site boundary and any nearby sensitive receiver, dust levels are kept to acceptable levels.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Y	
4.8.1	3.8	The Contractor shall not burn debris or other materials on the works areas.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Y	
4.8.1	3.8	In hot, dry or windy weather, the watering programme shall maintain all exposed road surfaces and dust sources wet.	All unpaved haul roads / throughout construction period in hot, dry or windy weather	Contractor	TMEIA Avoid smoke impacts and disturbance		Y	
4.8.1	3.8	Where breaking of oversize rock/concrete is required, watering shall be implemented to control dust. Water spray shall be used during the handling of fill material at the site and at active cuts, excavation and fill sites where dust is likely to be created.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Y	
4.8.1	3.8	Open dropping heights for excavated materials shall be controlled to a maximum height of 2m to minimise the fugitive dust arising from unloading.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Y	
4.8.1	3.8	During transportation by truck, materials shall not be loaded to a level higher than the side and tail boards,	All areas / throughout construction period	Contractor	TMEIA Avoid dust		Y	



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ENVIRONMENTAL MITIGATION AND ENHANCEMENT MEASURE IMPLEMENTATION SCHEDULE**

		and shall be dampened or covered before transport.			generation			
4.8.1	3.8	Materials having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin. The tarpaulin shall be properly secured and shall extend at least 300mm over the edges of the side and tail boards.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Y	
4.8.1	3.8	No earth, mud, debris, dust and the like shall be deposited on public roads. Wheel washing facility shall be usable prior to any earthworks excavation activity on the site.	construction period	Contractor	TMEIA Avoid dust generation		Y	
4.8.1	3.8	Areas of exposed soil shall be minimized to areas in which works have been completed shall be restored as soon as is practicable.	All exposed surfaces / throughout construction period	Contractor	TMEIA Avoid dust generation		Y	
4.8.1	3.8	All stockpiles of aggregate or spoil shall be enclosed or covered and water applied in dry or windy condition.	All areas / throughout construction period	Contractor	TMEIA Avoid dust generation		Y	
EIA reference	EM&A Manual reference	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages		
						D	C	O
11.8	Section 9	EM&A in the form of audit of the mitigation measures	All areas / throughout construction period	Highways Department	EIAO-TM		Y	
<b>Landscape and Visual</b>								
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	Existing trees on boundary of the Project Area shall be carefully protected during construction. Detailed Tree Protection Specification shall be provided in the Contract Specification. Under this specification, the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees,	All areas/detailed design/ during construction	Design Consultant/ Contractor	TMEIA	Y	Y	

**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**

		including trees in contractor's works areas. (Tree protection measures will be detailed at Tree Removal Application stage) (CM1)						
10.9	7.6	Trees unavoidably affected by the works shall be transplanted where practical. Trees will be transplanted straight to their final receptor site and not held in a temporary nursery. A detailed Tree Transplanting Specification shall be provided in the Contract Specification. Sufficient time for necessary tree root and crown preparation periods shall be allowed in the project programme (CM2)	All areas/detailed design/ during construction	Design Consultant/ Contractor	TMEIA	Y	Y	
10.9	7.6	Hillside and roadside screen planting to proposed roads, associated structures and slope works (CM3)	All areas/detailed design/ during Construction/ post construction	Design Consultant/ Contractor	TMEIA	Y	Y	
10.9	7.6	Hydroseeding or sheeting of soil stockpiles with visually unobtrusive material (in earth tone) (CM4)	All areas/detailed design/ during Construction/ post construction	Design Consultant/ Contractor	TMEIA	Y	Y	
10.9	7.6	Screening of construction works by hoardings around works area in visually unobtrusive colours, to screen works (CM5)	All areas/detailed design/ during Construction	Design Consultant/ Contractor	TMEIA	Y	Y	
10.9	7.6	Control night-time lighting and glare by hooding all lights (CM6)	All areas/detailed design/ during Construction	Design Consultant/ Contractor	TMEIA	Y	Y	
10.9	7.6	Ensure no run-off into water body adjacent to the Project Area (CM7)	All areas/detailed design/ during Construction	Design Consultant/ Contractor	TMEIA	Y	Y	
10.9	7.6	Avoidance of excessive height and bulk of buildings and structures (CM8)	All areas/detailed design/ during Construction	Design Consultant/ Contractor	TMEIA	Y	Y	
10.9	7.6	Recycle/Reuse all felled trees and vegetation, e.g. mulching (CM9)	All areas/detailed design/ during Construction	Design Consultant/ Contractor	TMEIA	Y	Y	
10.9	7.6	Compensatory tree planting shall be provided to the satisfaction of relevant Government departments.	All areas/detailed design/ during	Design Consultant/ Contractor	TMEIA	Y	Y	

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ENVIRONMENTAL MITIGATION AND ENHANCEMENT MEASURE IMPLEMENTATION SCHEDULE**

		Required numbers and locations of compensatory trees shall be determined and agreed separately with Government during the Tree Felling Application process under ETWBTC 3/2006 (CM10)	Construction	Contractor				
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
<b>Waste</b>								
<b>EIA reference</b>	<b>EM&amp;A Manual</b>	<b>Environmental Protection Measures</b>	<b>Location/ Timing</b>	<b>Implementation Agent</b>	<b>Relevant Standard or</b>	<b>Implementation Stages</b>		

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

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

	reference				Requirement	D	C	O
12.6		The Contractor shall identify a coordinator for the management of waste.	Contract mobilisation	Contractor	TMEIA		Y	
12.6		The Contractor shall prepare and implement a Waste Management Plan which specifies procedures such as a ticketing system, to facilitate tracking of loads and to ensure that illegal disposal of wastes does not occur, and protocols for the maintenance of records of the quantities of wastes generated, recycled and disposed. A recording system for the amount of waste generated, recycled and disposed (locations) should be established.	Contract mobilisation	Contractor	TMEIA, Works Branch Technical Circular No. 5/99 for the Trip-ticket System for Disposal of Construction and Demolition Material		Y	
12.6		The Contractor shall apply for and obtain the appropriate licenses for the disposal of public fill, chemical waste and effluent discharges.	Contract mobilisation	Contractor	TMEIA, Land (Miscellaneous Provisions) Ordinance (Cap 28); Waste Disposal Ordinance (Cap 354); Dumping at Sea Ordinance (Cap 466); Water Pollution Control Ordinance.		Y	
12.6	8.1	Training shall be provided to workers about the concepts of site cleanliness and appropriate waste management procedures including waste reduction,	Contract mobilisation	Contractor	TMEIA		Y	

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

		reuse and recycling						
12.6	8.1	The extent of cutting operation should be optimised where possible. Earth retaining structures and bored pile walls should be proposed to minimize the extent of cutting.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	Inert C&D materials from the toll plaza cut slopes shall be reused for construction of the raised platform for the toll plaza where possible.	Tol Plaza / toll plaza construction period	Contractor	TMEIA		Y	
12.6	8.1	The site and surroundings shall be kept tidy and litter free.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	No waste shall be burnt on site.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	The Contractor shall be prohibited from disposing of C&D materials at any sensitive locations. The Contractor should propose the final disposal sites in the EMP and WMP for approval before implementation.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	Stockpiled material shall be covered by tarpaulin and /or watered as appropriate to prevent windblown dust/ surface run off.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	Excavated material in trucks shall be covered by tarpaulins to reduce the potential for spillage and dust generation.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	Wheel washing facilities shall be used by all trucks leaving the site to prevent transfer of mud onto public roads.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	Standard formwork or pre-fabrication should be used as far as practicable so as to minimise the C&D materials arising. The use of more durable formwork/ plastic facing for construction works should be considered. The use of wooden hoardings should be avoided and metal hoarding should be used to facilitate recycling. Purchasing of construction materials should avoid over-ordering and wastage.	All areas / throughout construction period	Contractor	TMEIA		Y	



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12.6	8.1	The Contractor should recycle as many C&D materials (this is a waste section) as possible on-site. The public fill and C&D waste should be segregated and stored in separate containers or skips to facilitate the reuse or recycling of materials and proper disposal. Where practicable, the concrete and masonry should be crushed and used as fill materials. Steel reinforcement bar should be collected for use by scrap steel mills. Different areas of the sites should be considered for segregation and storage activities.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	All falsework will be steel instead of wood.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	Chemical waste producers should register with the EPD. Chemical waste should be handled in accordance with the Code of Practice on the Packaging, Handling and Storage of Chemical Wastes as follows: <ul style="list-style-type: none"> <li>• suitable for the substance to be held, resistant to corrosion, maintained in good conditions and securely closed;</li> <li>• Having a capacity of &lt;450L unless the specifications have been approved by the EPD; and</li> <li>• Displaying a label in English and Chinese according to the instructions prescribed in Schedule 2 of the Regulations.</li> <li>• Clearly labelled and used solely for the storage of chemical wastes;</li> <li>• Enclosed with at least 3 sides;</li> <li>• Impermeable floor and bund with capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in the area, whichever is greatest;</li> <li>• Adequate ventilation;</li> <li>• Sufficiently covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary); and</li> </ul>	All areas / throughout construction period	Contractor	TMEIA		Y	

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ENVIRONMENTAL MITIGATION AND ENHANCEMENT MEASURE IMPLEMENTATION SCHEDULE**

		<ul style="list-style-type: none"> <li>Incompatible materials are adequately separated.</li> </ul>						
12.6	8.1	Waste oils, chemicals or solvents shall not be disposed of to drain,	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	Adequate numbers of portable toilets should be provided for on-site workers. Portable toilets should be maintained in reasonable states, which will not deter the workers from utilising them.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	Night soil should be regularly collected by licensed collectors.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	General refuse arising on-site should be stored in enclosed bins or compaction units separately from C&D and chemical wastes. Sufficient dustbins shall be provided for storage of waste as required under the Public Cleansing and Prevention of Nuisances By-laws. In addition, general refuse shall be cleared daily and shall be disposed of to the nearest licensed landfill or refuse transfer station. Burning of refuse on construction sites is prohibited.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	All waste containers shall be in a secure area on hardstanding;	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	Training shall be provided to workers about the concepts of site cleanliness and appropriate waste management procedure, including waste reduction, reuse and recycling.	All areas / throughout construction period	Contractor	TMEIA		Y	
12.6	8.1	Office wastes can be reduced by recycling of paper if such volume is sufficiently large to warrant collection. Participation in a local collection scheme by the Contractor should be advocated. Waste separation facilities for paper, aluminum cans, plastic bottles, etc should be provided on-site.	Site Offices/ throughout construction period	Contractor	TMEIA		Y	
12.6	Section 8	EM&A of waste handling, storage, transportation, disposal procedures and documentation through the site audit programme shall be undertaken.	All areas / throughout construction period	Contractor	EM&A Manual		Y	
<b>Water Quality</b>								

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EIA reference	EM&A Manual reference	Environmental Protection Measures	Location/ Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages		
						D	C	O
6.10	-	Wastewater from temporary site facilities should be controlled to prevent direct discharge to surface or marine waters.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	Sewage effluent and discharges from onsite kitchen facilities shall be directed to Government sewer in accordance with the Requirements of the WPCO or collected for disposal offsite. The use of soakaways shall be avoided.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	Storm drainage shall be directed to storm drains via adequately designed sand/silt removal facilities such as sand traps, silt traps and sediment basins. Channels, earth bunds or sand bag barriers should be provided on site to properly direct stormwater to such silt removal facilities. Catchpits and perimeter channels should be constructed in advance of site formation works and earthworks.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	Silt removal facilities, channels and manholes shall be maintained and any deposited silt and grit shall be removed regularly, including specifically at the onset of and after each rainstorm.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	Temporary access roads should be surfaced with crushed stone or gravel.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	Rainwater pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	Measures should be taken to prevent the washout of construction materials, soil, silt or debris into any drainage system.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	Open stockpiles of construction materials (e.g. aggregates and sand) on site should be covered with tarpaulin or similar fabric during rainstorms.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	

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6.10	5.8	Manholes (including any newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	Discharges of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	All vehicles and plant should be cleaned before they leave the construction site to ensure that no earth, mud or debris is deposited by them on roads. A wheel washing bay should be provided at every site exit.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	Section of construction road between the wheel washing bay and the public road should be surfaced with crushed stone or coarse gravel.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	Wastewater generated from concreting, plastering, internal decoration, cleaning work and other similar activities, shall be screened to remove large objects.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	Vehicle and plant servicing areas, vehicle wash bays and lubrication facilities shall be located under roofed areas. The drainage in these covered areas shall be connected to foul sewers via a petrol interceptor in accordance with the requirements of the WPCO or collected for off site disposal.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	The Contractor shall prepare an oil / chemical cleanup plan and ensure that leakages or spillages are contained and cleaned up immediately.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	
6.10	-	Waste oil should be collected and stored for recycling or disposal, in accordance with the Waste Disposal Ordinance.	All areas/ throughout construction period	Contractor	TM-EIAO Waste Disposal Ordinance		Y	
6.10	-	All fuel tanks and chemical storage areas should be provided with locks and be sited on sealed areas. The storage areas should be surrounded by bunds with a capacity equal to 110% of the storage capacity of the largest tank.	All areas/ throughout construction period	Contractor	TM-EIAO		Y	

**CONTRACT NO. HY/2021/13**  
**PROVISION OF REMAINING COMPENSATION TREE PLANTING FOR THE TUEN MUN – CHEK LAP KOK LINK PROJECT**  
**ENVIORNMENTAL MITIGATION AND ENHANCEMENT MEASURE IMPLEMENTATION SCHEDULE**

6.10	Section 5	All construction works shall be subject to routine audit to ensure implementation of all EIA recommendations and good working practice.	All areas/ throughout construction period	Contractor	EM&A Manual		Y	
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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 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
June 2022	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
June 2022	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
June 2022	0	0	NA	NA	NA
Cumulative since contract commencement	0	0	NA	NA	NA

**Appendix K**

**Investigation Report for the Complaint**

**(Not Use)**