

Appendix L

Landscape Proposal

*Landscape Proposal for Section 16 Application for
Proposed Shui Hau Education Centre on the Approved South Lantau Coast Outline Zoning Plan No. S/SLC/23 in Shui Hau,
Lantau Island, Hong Kong*



Landscape Proposal

For

Section 16 Application

For

Proposed Shui Hau Education Centre on the

Approved South Lantau Coast Outline Zoning Plan No. S/SLC/23 in

Shui Hau, Lantau Island, Hong Kong

Applicant:
Authorized Agent:
Date:

Civil Engineering and Development Department
Prudential Surveyors International Limited
March 2026

**Quotation No: SLO 24/2024
Section 16 Application
For
Proposed Shui Hau Education Centre
On the Approved South Lantau Coast Outline Zoning Plan No. S/SLC/23
In Shui Hau, Lantau Island, Hong Kong**

Landscape Proposal

Prepared and Approved by:



LAI Chung Yin Stephanie

Position: Registered Landscape Architect

RLA Registration Number: R-153

30 MAR 2026

Date: _____

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1 Introduction

- 1.1.1 This Landscape Proposal (LP) is submitted in support of a Section 16 Planning Application Submission for the Proposed Shui Hau Education Centre (the Proposed Centre) on the Approved South Lantau Coast Outline Zoning Plan No. S/SLC/23 in Shui Hau, Lantau Island, Hong Kong.
- 1.1.2 The Application Site (the Site) with an area of about 1,110 sq.m is situated in Shui Hau, South Lantau, in close proximity to the Shui Hau Sandflat and South Lantau Road (**Figure 1.1** refers).

2 Site Context

2.1 The Site and its Surroundings

Site

- 2.1.1 The Site is situated along the South Lantau Road near an existing football field (Shui Hau Mini-Soccer Pitch) to the southwest. Per on-site observations from the site visits in February 2026, the Site is generally flat with low quality natural vegetation (**Figures 1.1** and **2.1** refer).

Surrounding Context

Existing Context

- 2.1.2 The existing uses in the surroundings are as follows (**Figure 2.2** refers):-
- to the east of the Site are single-storey structures;
 - to the south and southeast of the Site is Shui Hau Wan;
 - to the southwest of the Site are the Lower Wan Lung Bus Stop (Tung Chung to Tai O Bound), a football field, the Lantau Trail Section 10 (about 210m away);
 - to the west of the Site is the Shui Hau Village (about 550m away);
 - to the northwest of the Site is the Shui Hau Picnic Area of Lantau Trail Section 10; and
 - to the northeast of the Site are the Lower Wan Lung Bus Stop (Tai O to Tung Chung Bound) and a Green Education Farm (離島婦聯鄧福興紀念農場).

Planned Context

- 2.1.3 The planned use in the surroundings is as follows:-
- to the immediate northeast of the Site is the Drainage Services Department's (DSD) Shui Hau Sewage Pumping Station (SPS).

2.2 Existing Site Landscape Resources

- 2.2.1 Majority of the Site is covered by dense and low quality natural vegetation including ground cover, shrubs, saplings, vines and trees. Vegetation maintenance such as pruning at the periphery were noticed especially near the South Lantau Road and access road (**Figure 2.1** refers).
- 2.2.2 The Site level is mainly flat along South Lantau Road. A slope was noticed at the south-east area of the Site which was adjacent to the natural stream. It ranges from 2m to 3m fall within 5m strip to the edge of natural stream (**Figure 2.3** refers).

3 The Proposed Centre

3.1.1 The proposed use is to serve as an education base to promote the natural ecological value of the Shui Hau area as well as the local traditional village culture and customs and raise public awareness of nature conservation. Per the Broad Use Terms set out by the Town Planning Board (the TPB), the proposed use is regarded as ‘Field Study / Education / Visitor Centre’ use.

3.1.2 The Proposed Centre comprises a single-storey structure with covered walkway and a landscape area as a courtyard in the middle of the Site. The Proposed Centre is configured in an “L” shape, clustering the development to the north and northwest of the Site while preserving significant outdoor space. Pavilion-like structures with projecting eaves create a verandah that meanders around the outdoor activity lawn, providing an intermediate space that harmonizes the built environment with the natural surroundings.

3.1.3 The Proposed Centre accommodates:-

- associated facilities including a multi-purpose room, a staff office and an outdoor activity lawn;
- ancillary facilities including E&M room, washing area and toilets;
- 1 no. of loading / unloading (L/UL) bay as pick-up / drop-off area within the Site with footpath, road kerbs, railing, sign posts, etc. for coaches; and
- 2 nos. of staff parking spaces.

3.1.4 The development parameters of the Proposed Centre are as follows:-

Development Parameters	Proposed Centre
Site Area:	1,110 sq.m.
Proposed Main Uses:	Education Centre with associated facilities, including a multi-purpose room, a staff office and an outdoor activity lawn
Ancillary Uses to the Proposed Use:	E&M room, washing area and toilets
Greenery Coverage:	Not less than 20% of the site area
Loading / Unloading (L/UL) Bay:	1 no. of L/UL bay as pick-up / drop-off area for coaches
Parking Space:	2 nos. of staff parking spaces
Anticipated Date for Commencement of Work:	Q1 2027
Anticipated Completion Date:	Q2 2028

Table 3.1: Development Parameters of the Proposed Centre

3.1.5 The construction of the Proposed Centre is anticipated to commence in Q1 2027 and be completed in Q2 2028.

4 Tree Preservation and Removal Proposal

4.1 Tree Survey Findings

- 4.1.1 The tree survey for the Application Site was carried out on 3rd and 24th of September 2024. There are 31 nos. of tree (24 nos. of living tree, 7 nos. of dead tree) found within the Site. Outside the Site there are 4 nos. of tree were found in close proximity. The surveyed species include *Alangium chinense*, *Ficus hispida*, *Acacia confuse*, *Mallotus paniculatus*, *Sapium sebiferum*, *Celtis sinensis* and *Microcos nervosa*. The condition of the trees range from poor to fair, and most are of low amenity value. For the Tree Survey details, refer to Tree Assessment Schedule and Tree Photographs (**Annex A** and **Annex B** refers).

	Nos. of Existing Trees
Within Site	31
Total	31

Table 4.1: Summary of Existing Trees

- 4.1.2 None of the existing trees are protected species listed under the Forestry Regulations, Forests and Countryside Ordinance (Cap. 96 sub. leg.) or are “*Old and Valuable Tree*” or “*Potential Old and Valuable Tree*” as defined in DEVB TC (W) No. 5/2020 “*Registration of Old and Valuable Trees*” or “*Champion Tree*” as identified in the book “*Champion Trees in Urban Hong Kong*”.
- 4.1.3 35 nos. of whips will be planted on slopes with min. 1.5m spacing, 18 nos. of heavy standard tree will be planted on adjacent slopes with min. 3m spacing within the planting area of the Site, mainly on garden landscaped area, with soil depth of a minimum 1200mm excluding drainage layer. (**Figure 4.1** refers).
- 4.1.4 A summary of the proposed treatments of existing trees within the Application Site boundary is provided below:-

	Nos. of Existing Trees to be felled	Nos. Compensatory Trees
Within Site – (North)	29	18 (Heavy Standard)
Within Site – (South)	2	35 (Whips)
Total	31	53

Table 4.2: Summary of Treatment of Existing Trees

- 4.1.5 The calculation of compensatory planting ratio is as shown below:-

Compensatory Planting Ratio Calculation					
Total nos. of trees proposed to be felled	=	35	nos.		
Total DBH of trees proposed to be felled	=		9,140		mm
Total nos. of Proposed Heavy Standard Trees	=		18		nos.
Total nos. of Proposed Whip Trees	=		35		nos.
Total nos. of Proposed Compensatory Planting	=	18 + 35	=	53	nos.
DBH of Heavy Standard Tree	=		95		mm
Total Proposed Heavy Standard Trees DBH	=	18 × 95	=	1,710	mm
DBH of Whip Tree	=		10		mm
Total Proposed Whip Trees DBH	=	35 × 10	=	350	mm
Total Proposed Compensatory Planting DBH	=	1,710 + 350	=	2,060	mm
Compensatory Planting Ratio in terms of number	=	35 : 53	=	1 : 1.51	(>1:1)
Compensatory Planting Ratio in terms of aggregated DBH	=	9,140 : 2,060	=	1 : 0.23	(<1:1)

Table 4.3: Compensatory Planting Ratio Calculation

- 4.1.6 As shown in **Table 4.3**, the compensatory planting ratio of better than 1:1 compensation in terms of numbers (Quantity) can be achieved with the proposed compensatory trees and whips planting mix. However, the ratio of 1:1 in terms of aggregated DBH (Quality) cannot be achieved. Other tree planting opportunities have been fully explored for the Proposed Centre. Due to the Site conditions of slopes with gradient of approximately 1:3, planting heavy standard trees on slope are undesirable and unsuitable in the Proposed Centre, according to GEO Publication No. 1/2011 – Technical Guidelines on Landscape Treatment for Slopes. The room for compensatory planting space is limited. In this connection, whips planting is proposed to be planted on slope instead to maximise the planting opportunity, thus resulting in a compensatory planting ratio of 1:0.23 is calculated in terms of aggregated DBH. In support of the compensation quantity, the Proposed Centre has taken steps to enhance the quality aspect of the soft landscape proposal as a viable solution to improve the landscaping for the Site. Following the DEVB TC(W) No. 4/2020 on tree preservation, the current proposal includes the improving the vegetation diversity of native species mix by incorporating native species of trees as part of the compensatory tree and whips planting mix; improving the overall landscaping setting by providing soft landscaping and planting throughout the Site to soften the effects of the structures; and maximising the soft landscape opportunities on the Site through long-term sustainable vertical and rooftop landscapes.

5 Landscape Proposal

5.1 Landscape Design Concept and Strategy

- 5.1.1 The design objective for the Landscape Design Proposal are illustrated in the Landscape Proposal (**Figure 5.1A to 5.1C** refers):-

- The landscape design concept aims to echo the mission of Architecture's building design.

- 5.1.2 The landscape concept will follow a barrier free design and would follow the Design Manual – Barrier Free Access 2008 (2024 Edition) issued by the Building Department.

- 5.1.3 As a Biophilic Centre, a few core principles should be integrated as follow:-

- appreciating symbiotic relationship of Shui Hau people and nature;
- appreciating eco-system services;
- habitat creation; and
- mitigating existing human impact.

- 5.1.4 The Landscape Proposal adopts the following design approach:-

- a) creation of a landscape design which responds to the specific site conditions of the Proposed Centre;
- b) adoption of a landscape character consistent with the overall design language and aesthetic of the architectural elements;
- c) sensitive integration of the Proposed Centre in the surrounding areas via appropriate interface treatments;
- d) minimisation of the visual impact of the Proposed Centre through naturalistic landscape treatment and appearance;
- e) creation of suitable outdoor spaces for passive recreational and educational activities; and
- f) promotion of the use of indigenous plant species throughout the landscape generally

where possible and introduction of nectariferous plant as food plant of Butterfly and exotic ornamental species where appropriate to suit particular applications.

5.2 Major Landscape Elements

Landscape at Main Entrance

- 5.2.1 Low waist level porous perimeter wall and gate to create a naturalistic and welcoming appearance of the centre.
- 5.2.2 Climber wall / frame and herbaceous plant integrate with building façade to blend with the surrounding natural setting.

Landscape Garden

- 5.2.3 Outdoor activity lawn / rain water garden to accommodate outdoor gathering and educational space.
- 5.2.4 Biophilic pavilion to provide an outdoor place where visitors can learn from the environment.
- 5.2.5 Bio-filtration / detention and infiltration rain garden to promote as an educational example of ecosystem services provided by the nature, water body in pond can also attract wildlife to the context and ecology.
- 5.2.6 Butterfly garden planted with nectar, berry and leaves as food to attract and promote growth of butterfly population in the neighbouring habitat.
- 5.2.7 Birdboxes at eave away from public areas are provided to attract local wildlife.

Peripheral Planting and Boundary Treatment

- 5.2.8 Porous perimeter wall outgrown by vegetation can maintain porosity of the site boundary for wildlife.
- 5.2.9 Washing area is introduced to provide washing facilities for the general public after visiting the sandflat. Water from the washing area would be treated by bio-filtration / detention and infiltration rain garden and reused within the Site.
- 5.2.10 Whips planting is proposed as interface treatment to the boundary adjacent to the natural stream, demarcation with rope and wooden pole along streamside to integrate seamless approach to natural context.

Roof Planting

- 5.2.11 Roof planting (Soilless Green Roof) is introduced to integrate with the surrounding natural setting to work as a part of modified natural habitat.
- 5.2.12 Landscape sections are provided in **Figure 5.3** refers.

5.3 Hard Landscape Material Proposal

5.3.1 Pavements are specifically selected and proposed to suit the variety of landscape areas within the Site. The proposed finishes and materials are summarized below:-

Area / Location	Hard Landscape Elements and Materials*
Main Entrance	<ul style="list-style-type: none"> • Vehicular Road Surface – recycled concrete blocks or similar • Main Entrances Pedestrian Footpath – recycled glass blocks or similar • Planter Kerbs – natural granite stone or similar • Feature Wall – limecrete blocks or similar
Landscape Garden	<ul style="list-style-type: none"> • Footpaths – recycled concrete blocks or similar • Kerb Planter – natural granite stone or similar • Biophilic Pavilion – recycled timber and steel structures • Seatings – limecrete blocks or similar • Bio-filtration / detention and infiltration rain garden – limecrete blocks and concrete structures • Washing Area – limecrete blocks or similar
Boundary Treatment	<ul style="list-style-type: none"> • Fencing – GMS rod, recycled concrete blocks curb, recycled wooden pole with rope and stainless-steel strip

Table 5.1: General Hard Landscape Elements and Materials

*All the above Hardscape Elements and Materials are subject to final confirmation.

5.4 Soft Landscape Material Proposal

5.4.1 Planting Strategy – Structure planting shall compliment the adjacent vegetation and will help ameliorate the local micro-climate, contribute to pollution and noise mitigation, improve energy efficiency of buildings through insulation effects and provide wildlife habitats. Species selection will relate to the particular landscape character in each area. Peripheral naturalistic buffer planting will adopt mainly native species. Amenity planting throughout the pedestrian circulation network will be more formal in style and include exotic species chosen for flower and foliage colour, seasonal variation and form. Butterfly Gardens and bio-filtration / detention and infiltration rain garden will be more informal in planting style and will include a mix of indigenous species common to the area and exotic trees and shrubs to provide colour, fragrance, visual structure and variety.

5.4.2 The planting design consists of the following types:-

- Planting Design in the Entrance and Open Landscape Areas: trees, shrubs and ground covers are proposed.
- Perimeter Planting: To deter the entry of cow / buffalo, *Mansoa alliacea* is proposed to be planted on the fence.
- Butterfly Garden: A mixture of plants, especially nectariferous plant as food for butterfly would create a vibrant landscape for the Site.
- Planting Design on the Roof Tops: Vegetated roofing systems are proposed to achieve lightweight multi-layered green roof system that is easy to install, low maintenance and economical; and
- Landscape Buffer Planting: *Livistona chinensis* (Chinese Fan-palm).

5.4.3 Whips planting is proposed all along the edge of the natural stream to echo the natural context of the Site.

5.4.4 Plant Stock Sizes – Generally, “Heavy Standard” sized trees will be selected for new tree planting in order to provide a positive visual impact on day one where possible. The planting

size of low shrubs will vary from 300mm to 600mm whilst the tall shrubs will be above 800mm. For groundcovers, 100mm to 300mm size will be provided.

5.4.5 **Table 5.2** indicated the Proposed Compensation Trees:-

No.	Species	Chinese Name	Size	Quantity	Species Native/ Exotic
FEATURED TREE / COMPENSATORY TREE					
1	<i>Sapium sebiferum</i>	烏柏	Heavy Standard	1	Native
2	<i>Polyspora axillaris</i>	大頭茶	Heavy Standard	5	Native
3	<i>Livistona chinensis</i>	蒲葵	Heavy Standard	8	Exotic
4	<i>Pyrus calleryana</i>	豆梨	Heavy Standard	1	Native
5	<i>Viburnum odoratissimum</i>	珊瑚樹	Heavy Standard	3	Native
6	<i>Bridelia tomentosa</i>	土密樹	Whip	6	Native
7	<i>Quercus championii</i>	嶺南青岡	Whip	6	Native
8	<i>Quercus myrsiniflora</i>	小葉青岡	Whip	6	Native
9	<i>Reevesia thyrsoidea</i>	梭羅樹	Whip	6	Native
10	<i>Cleistocalyx nervosum</i> Water Adoptable	水翁	Whip	9	Native
Total Native Species: 45 (85%) Total Exotic Species: 8 (15%)					
Total: 53					

Table 5.2: Proposed Compensation Trees.

5.4.6 In the landscape proposal, only one exotic species, *Livistonia chinensis* was selected; all the other trees are native species. The *Livistonia chinensis* was selected as it can contribute to the local biodiversity as a habitat creator and food source. This selection is not excessive, considering that only 15% of the total 53 trees planted are exotic.

5.4.7 The species in the **Table 5.3** will form the basis of the planting schedule with the reference image shown in Figure 5.4.

The below plant will be considered at the details design stage*		
No.	Species	Chinese Name
BUTTERFLY-FRIENDLY SEASONAL CHANGING PLANT		
1	<i>Crotalaria retusa</i>	吊裙草
2	<i>Lantana camara</i>	馬纓丹
3	<i>Duranta erecta "Lass"</i>	蕾絲假連翹
4	<i>Chinese ixora</i>	龍船花
5	<i>Orthosiphom aristatus</i>	貓蘇草
6	<i>Gardenia jasminoides</i>	梔子花
7	<i>Agapanthus africanus</i>	百子蓮
8	<i>Angelonia angustifolia</i>	狹葉天使花
9	<i>Belamcanda chinensis</i>	射干
10	<i>Canna indica</i>	美人蕉
11	<i>Hedychium coronarium</i>	薑花
12	<i>Iris tectorum</i>	鳶尾
13	<i>Asclepias curassavica</i>	馬利筋
14	<i>Zephyranthes candida</i>	蔥蘭
EVERGREE SHRUB / GROUND COVER		
1	<i>Codlacum varlegatum</i>	灑金榕

The below plant will be considered at the details design stage*		
No.	Species	Chinese Name
2	<i>Phyllostachys aurea</i>	羅漢竹
3	<i>Liriope spicata</i>	山麥冬
4	<i>Asparagus densiflorus "Sprengeri"</i>	天門冬
5	<i>B. Zoysia tenuifolia</i>	朝鮮草
ROOFTOP PLANT		
1	<i>Cyanotic cristata</i>	四孔草
2	<i>Callisia repens</i>	洋竹草
3	<i>Portulaca oleracea</i>	馬齒莧

Table 5.3: Planting Schedule

*Note: Species selection will be subject to detail design development & market availability

5.5 Soil Depth, Drainage and Irrigation

- 5.5.1 In order to provide adequate soil depth and to use natural soil mix, 1,200mm soil depth excluding drainage layer for tree planting is designed. In general, the soil depth provided, with all drainage layer, water-proofing and protective screening exclusive is listed below:-

Planting Type	Soil Depth (Minimum)
Tree / Palm Tree	1,200mm
Shrub	600mm
Groundcover	450mm
Turf	300mm

Table 5.4: Soil Depth of Planting Types

- 5.5.2 Drainage system for each planter will be provided and under checked for all planting areas.
- 5.5.3 The irrigation system consists of three parts, i.e. the planters at grade will be served by traditional manual watering with irrigation points. Inaccessible Green roofs will be served by automatic irrigation system.
- 5.5.4 Water points at 20m hose radius will be provided for effective maintenance and watering of plants.

5.6 Landscape Area Provision

- 5.6.1 The Proposed Centre will include about not less than 20% of greenery of landscape area including at-grade green space, outdoor activity lawn and roof green system.

5.7 Site Coverage of Greenery

- 5.7.1 Not less than 20% of greenery (of total site area of 1,110 sq.m.) will be achieved in accordance with the requirement of Buildings Department PNAP (APP-152).

Area of the Site = 1,110 sq.m.

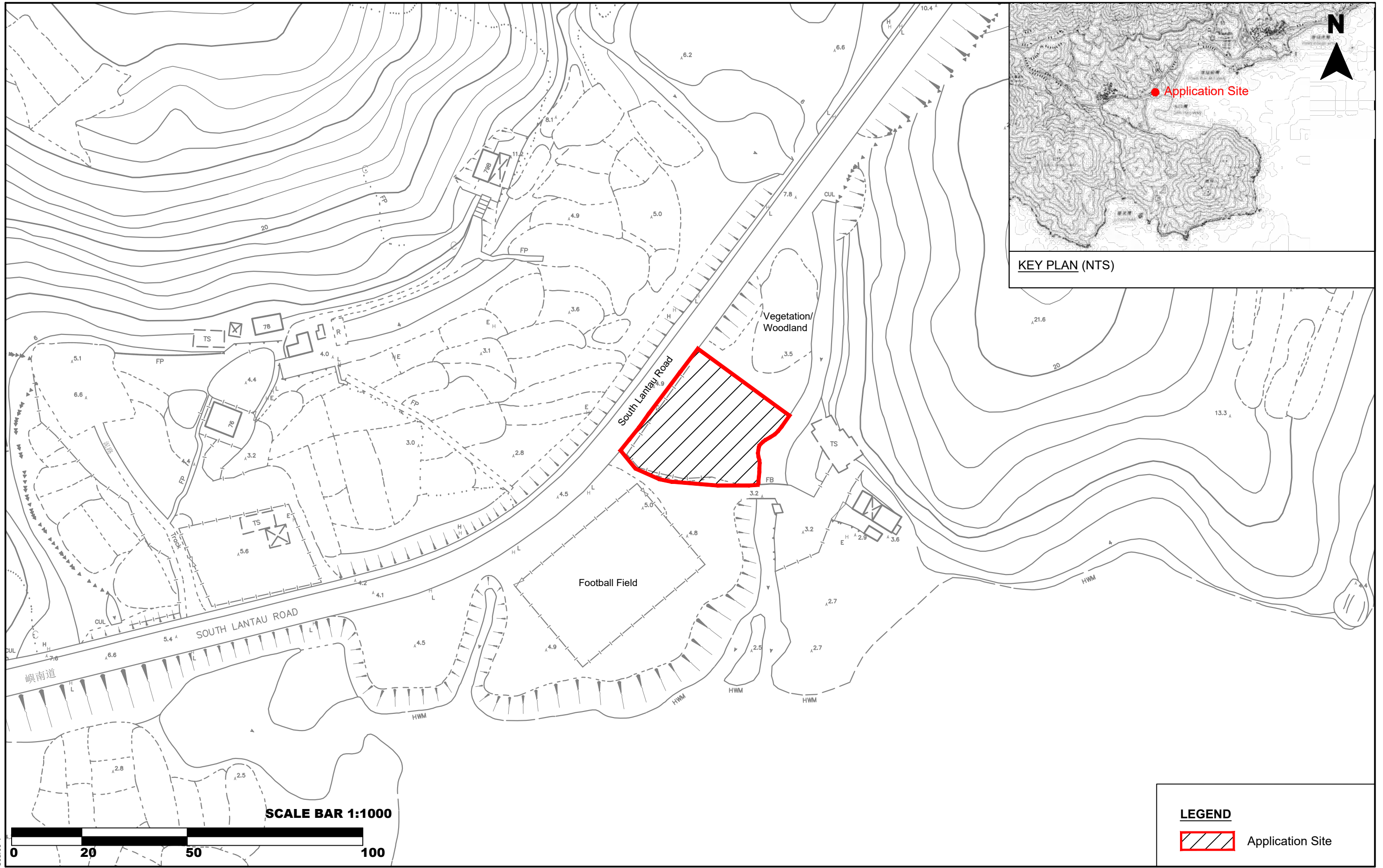
Site Coverage of Greenery Requirements: -

- a) Minimum Total Greenery Areas = 222 sq.m. (i.e. 20% of Area of the Site)
 - b) Minimum At-grade Greenery Area = 111 sq.m. (i.e. 10% of Area of the Site)
- 5.7.2 Not less than 20% of greenery will be provided (**Figure 5.7** refers).

6 Management and Maintenance

- 6.1.1 All landscape areas within the Site will be managed and maintained in a sustainable manner by the services provider employed by the Applicant.
- 6.1.2 Upon completion of the construction works, a 12-month establishment period will be implemented for both hard and soft landscape works.

Figures



File Name :
Source :



JOB TITLE:
Section 16 Application for
Proposed Shui Hau Education Centre on the Approved South
Lantau Coast Outline Zoning Plan NO. S/SLC/23 in Shui Hau,
Lantau Island, Hong Kong

Drawing Title
Site Location Plan

Rev	Description	Date

Drawn	WC	Date	23/09/24
Checked	HT	Approved	RT
Scale		1:1000 @ A3	

Drawing No.	Fig. 1.1
Rev.	-



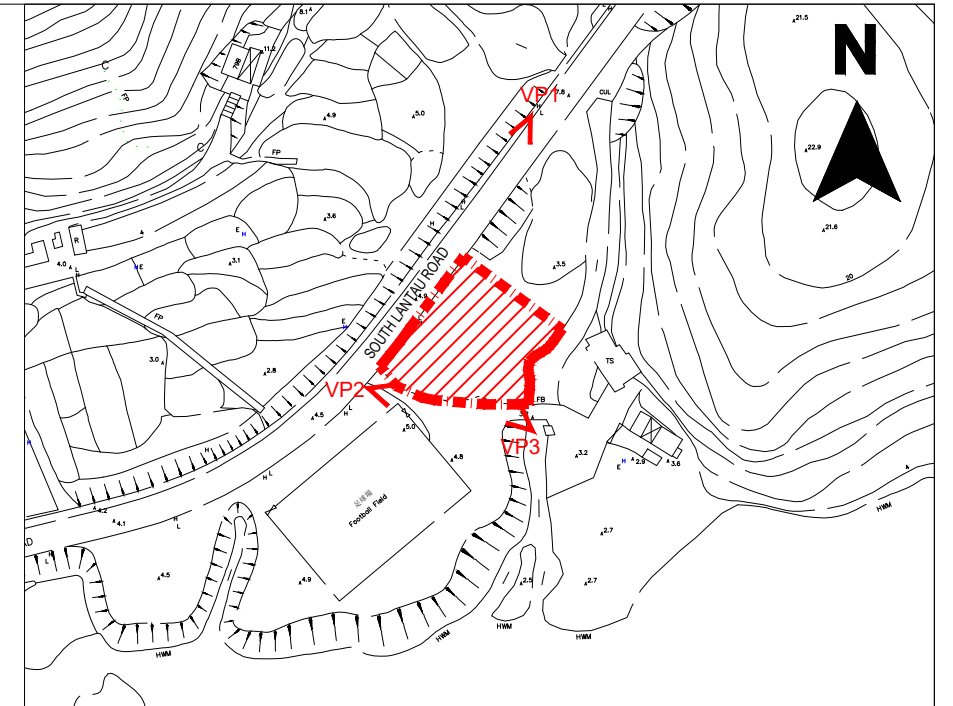
Viewing Point 1



Viewing Point 2



Viewing Point 3



KEY PLAN (NTS)

LEGEND:





-  Application Site
-  VP1 North East View of the Site
-  VP2 West View of the Site
-  VP3 South View of the Site

PHOTO DATE: 24/09/2024(VP1,VP2), 03/10/2024(VP3)

File Name :
Source :

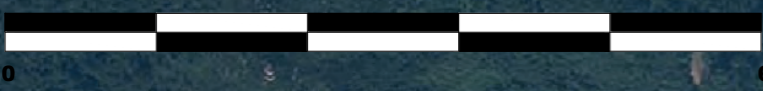
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Checked	KC	Approved	KC	Rev.	
Scale	AS SHOWN		Rev.	-	
Rev	Description	Date			



KEY PLAN (NTS)

Legend
 [Red dashed box] Application Site

SCALE BAR 1:6000



*FOR INDICATIVE USE ONLY

File Name :
 Source :



JOB TITLE:
 Section 16 Application for Proposed Shui Hau Education Centre on the Approved South Lantau Coast Outline Zoning Plan NO. S/SLC/23 in Shui Hau, Lantau Island, Hong Kong

Drawing Title
 Site Area and Surrounding Plan

-	Submission	18/02/2025
A	Base Map Updated	24/03/2025
Rev	Description	Date

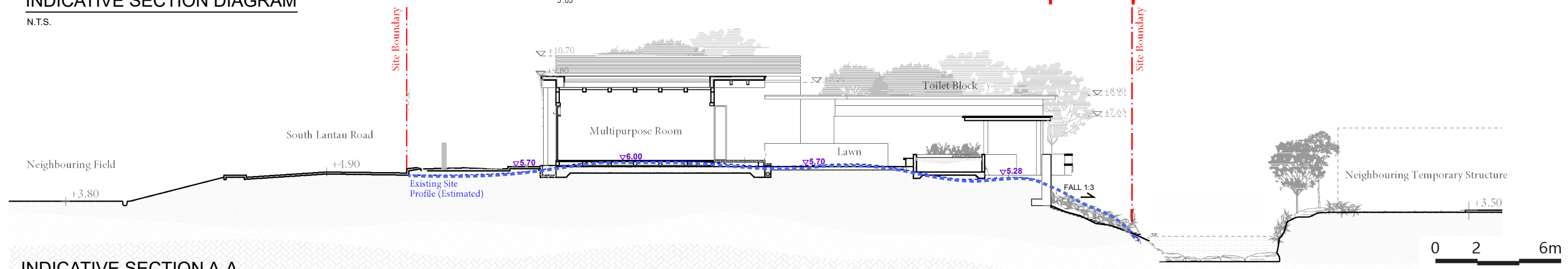
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Drawing No.	Fig. 2.2
Rev.	A

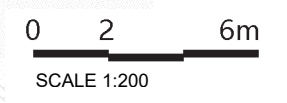


- Legend:**
- T000(F) Tree to be Felled
 - T000(D) Dead Tree
 - 5.50 Existing Level
 - ⊕ 5.50 Proposed Finished Level (Plan)
 - ▽ 5.50 Proposed Finished Level (Section)

INDICATIVE SECTION DIAGRAM
N.T.S.



INDICATIVE SECTION A-A
SCALE 1:200



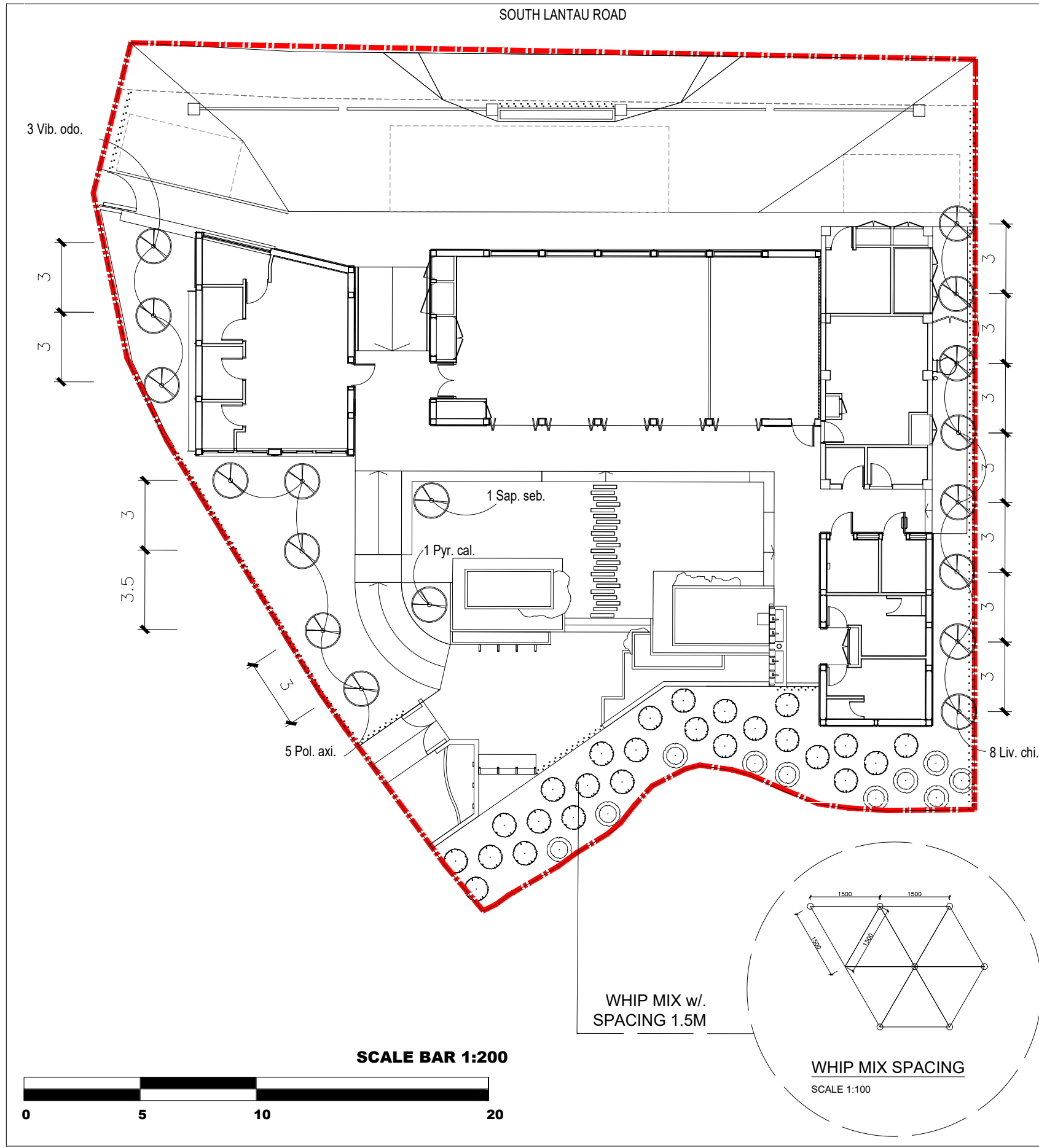
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JOB TITLE:
Section 16 Application for Proposed Shui Hau Education Centre on the Approved South Lantau Coast Outline Zoning Plan NO. S/SLC/23 in Shui Hau, Lantau Island, Hong Kong

Drawing Title
INDICATIVE SITE CONTEXT ON SLOPE AND SECTION

-	Draft Submission	18/02/2025	Drawn	WC	Date	26/09/24	Drawing No.
A	Drawing Update	18/02/2025	Checked	KC	Approved	KC	Fig. 2.3
Rev	Description	Date	Scale	1:200@A3		Rev.	A

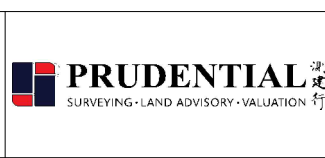


LEGEND:

-  COMPENSATED TREE
-  COMPENSATED WHIP MIX
-  COMPENSATED WATER ADOPTABLE WHIP MIX
-  APPLICATION SITE

LEGEND	Botanical Name	Chinese Name	Size (mm)	Quantity
Sap. seb.	<i>Sapium sebiferum</i> (Native)	烏柏	Heavy standard	1
Pol. axi.	<i>Polyspora axillaris</i> (Native)	大頭茶	Heavy standard	5
Liv. Chi.	<i>Livistona chinensis</i> (Exotic)	蒲葵	Heavy standard	8
Pyr. cal.	<i>Pyrus calleryana</i> (Native)	豆梨	Heavy standard	1
Vib. odo.	<i>Viburnum odoratissimum</i> (Native)	珊瑚樹	Heavy standard	3
WHIP MIX	<i>Bridelia tomentosa</i> (Native)	土密樹	Whip mix	6
	<i>Quercus championii</i> (Native)	嶺南青岡	Whip mix	6
	<i>Quercus myrsinifolia</i> (Native)	小葉青岡	Whip mix	7
	<i>Reevesia thyrsoidea</i> (Native)	梭羅樹	Whip mix	6
	<i>Cleistocalyx nervosum</i> (Native) Water Adoptable whip	水翁	Whip mix	10

File Name :
Source :



JOB TITLE:
Section 16 Application for Proposed Shui Hau Education Centre on the Approved South Lantau Coast Outline Zoning Plan NO. S/SLC/23 in Shui Hau, Lantau Island, Hong Kong

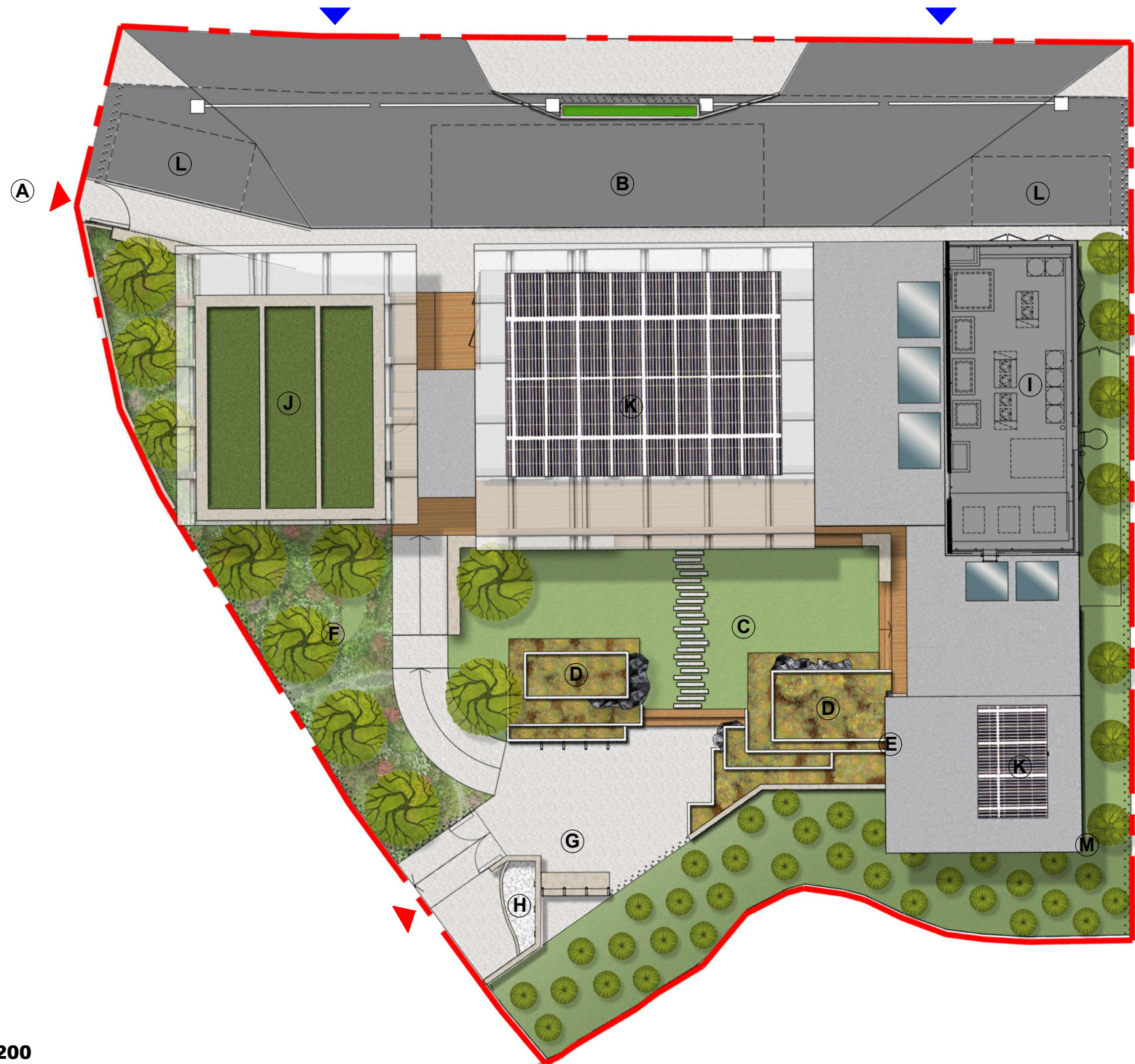
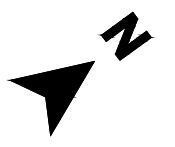
Drawing Title
Tree Compensatory Plan

-	Submission	18/02/2025	Drawn	WC	Date	26/09/24	Drawing No.
A	Layout Update	10/03/2025	Checked	KC	Approved	KC	Fig. 4.1
Rev	Description	Date	Scale	1:200@A3		Rev.	A

LEGEND

- (A) MAIN ENTRANCE
- (B) L/UL BAY AS PICK-UP / DROP-OFF AREA FOR COACHES
- (C) OUTDOOR ACTIVITY LAWN
- (D) BIO-FILTRATION/DETENTION AND INFILTRATION RAIN GARDEN
- (E) CLIMBER FENCE
- (F) BUTTERFLY GARDEN
- (G) BIOPHILIC PAVILION
- (H) WASHING AREA
- (I) E&M AREA AT ROOF
- (J) GREEN ROOF
- (K) SOLAR PANEL AT ROOF
- (L) STAFF PARKING SPACE
- (M) BIRDBOX AT EAVE
- WOOD DECK
- GREY FLOOR PAVING
- SKYLIGHT
- ROOF TRELLIS
- VEHICULAR ENTRANCE/EXIT
- PEDESTRIAN ENTRANCE/EXIT
- NEW TREE
- NEW WHIP MIX

SOUTH LANTAU ROAD



SCALE BAR 1:200



**FOR INDICATIVE USE ONLY*

File Name : . . .
Source : . . .



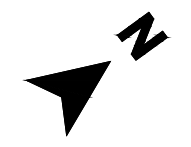
JOB TITLE:
Section 16 Application for
Proposed Shui Hau Education Centre on the Approved South
Lantau Coast Outline Zoning Plan NO. S/SLC/23 in Shui Hau,
Lantau Island, Hong Kong

Drawing Title
Notional Landscape Plan (Overall)

-	Submission	18/02/2025	Drawn	WC	Date	26/09/24	Drawing No.	
A	Layout Update	17/03/2026	Checked	KC	Approved	KC	Fig. 5.1A	
B	Layout Update	26/03/2026	Scale	1:200@A3		Rev.		B
Rev	Description	Date						

LEGEND

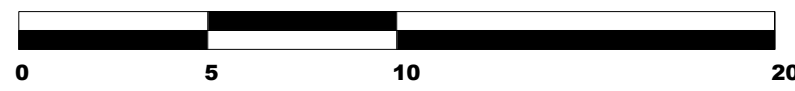
- (A) MAIN ENTRANCE
- (B) L/UL BAY AS PICK-UP / DROP-OFF AREA FOR COACHES
- (C) OUTDOOR ACTIVITY LAWN
- (D) BIO-FILTRATION/DETENTION AND INFILTRATION RAIN GARDEN
- (E) CLIMBER FENCE
- (F) BUTTERFLY GARDEN
- (G) BIOPHILIC PAVILION
- (H) WASHING AREA
- (L) STAFF PARKING SPACE
- WOOD DECK
- GREY FLOOR PAVING
- VEHICULAR ENTRANCE/EXIT
- PEDESTRIAN ENTRANCE/EXIT
- SPOT LEVEL
- NEW TREE
- NEW WHIP MIX



SOUTH LANTAU ROAD



SCALE BAR 1:200



*FOR INDICATIVE USE ONLY

File Name :
Source :



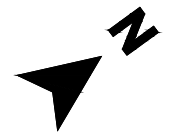
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Section 16 Application for
Proposed Shui Hau Education Centre on the Approved South
Lantau Coast Outline Zoning Plan NO. S/SLC/23 in Shui Hau,
Lantau Island, Hong Kong

Drawing Title
Notional Landscape Plan (Ground Floor Plan)

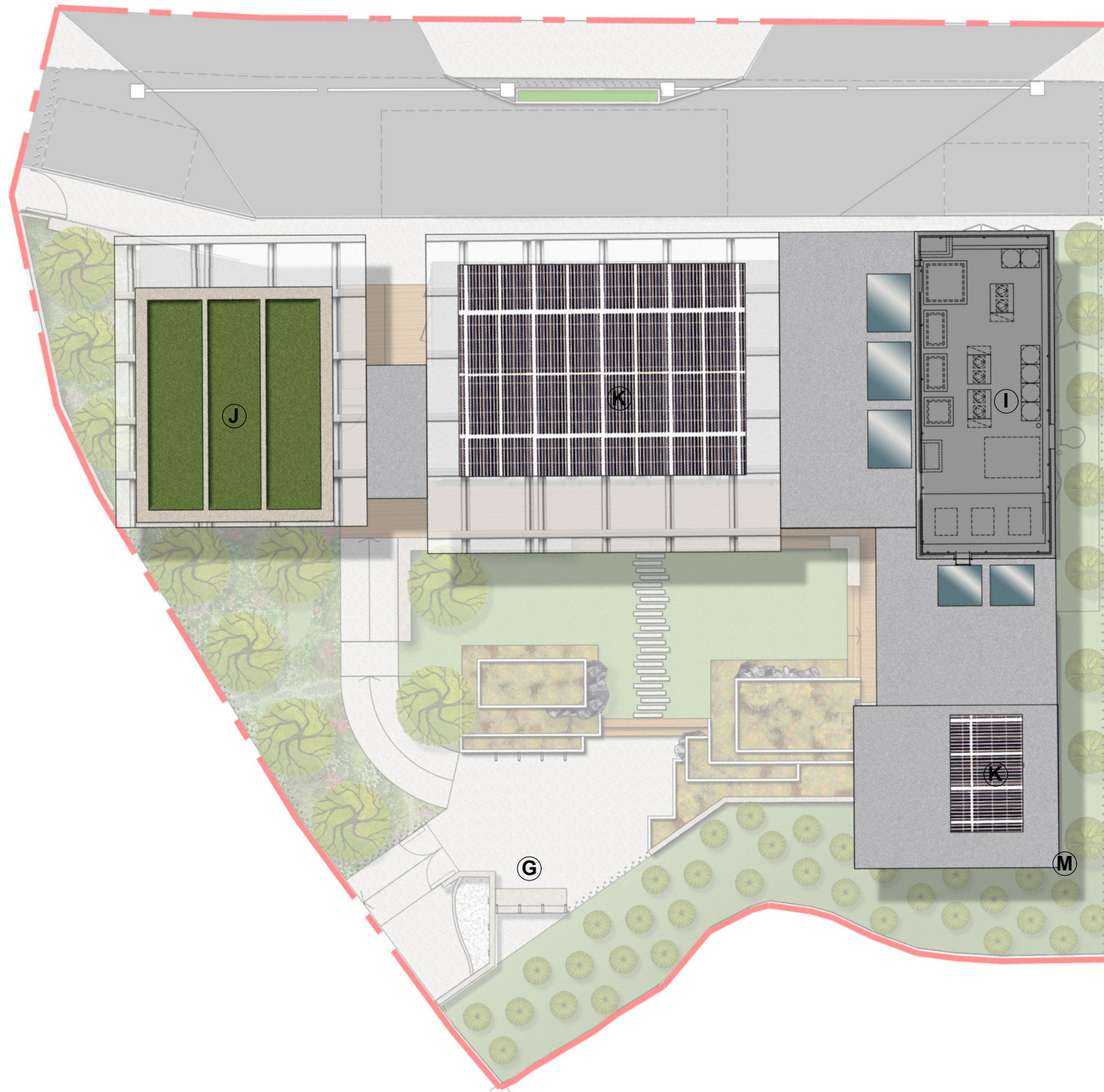
-	Submission	18/02/2025	Drawn	WC	Date	26/09/24	Drawing No.
A	Layout Update	17/03/2026	Checked	KC	Approved	KC	Fig. 5.1B
B	Layout Update	26/03/2026	Scale	1:200@A3		Rev.	
Rev	Description	Date					B

LEGEND

- ⓐ BIOPHILIC PAVILION
- ⓑ E&M AREA AT ROOF
- ⓒ GREEN ROOF
- ⓓ SOLAR PANEL AT ROOF
- ⓔ BIRDBOX AT EAVE
- SKYLIGHT
- ▤ ROOF TRELLIS



SOUTH LANTAU ROAD



SCALE BAR 1:200



**FOR INDICATIVE USE ONLY*

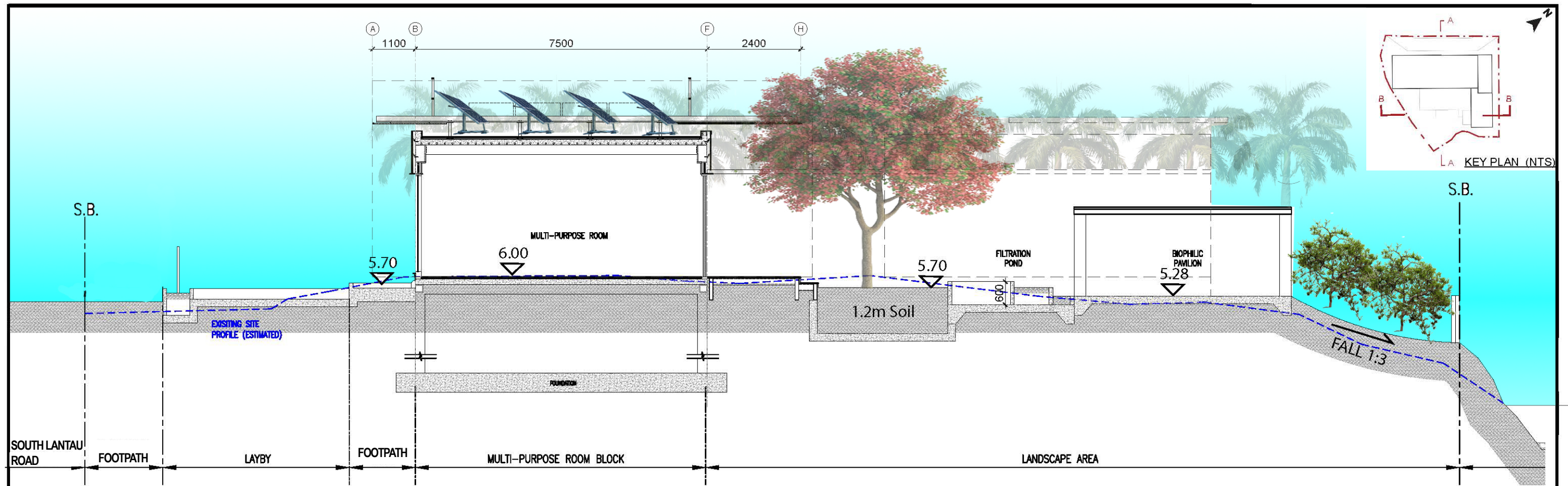
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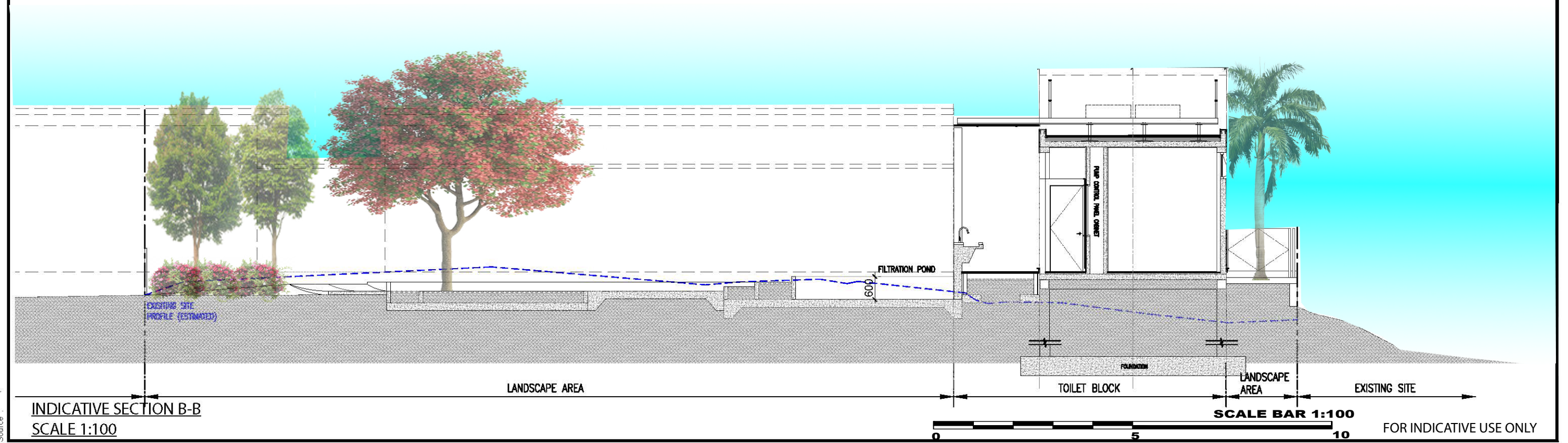
JOB TITLE:
Section 16 Application for
Proposed Shui Hau Education Centre on the Approved South
Lantau Coast Outline Zoning Plan NO. S/SLC/23 in Shui Hau,
Lantau Island, Hong Kong

Drawing Title
Notional Landscape Plan (Roof Plan)

-	Submission	18/02/2025	Drawn	WC	Date	26/09/24	Drawing No.
A	Layout Update	17/03/2026	Checked	KC	Approved	KC	Fig. 5.1C
B	Layout Update	26/03/2026	Scale	1:200@A3		Rev.	
Rev	Description	Date					B



INDICATIVE SECTION A-A
SCALE 1:100



INDICATIVE SECTION B-B
SCALE 1:100

SCALE BAR 1:100
0 5 10 FOR INDICATIVE USE ONLY

 土木工程拓展署 Civil Engineering and Development Department	 PRUDENTIAL	JOB TITLE	Drawing Title	Drawn	WC	Date	26/09/24	Drawing No.
		Section 16 Application for Proposed Shui Hau Education Centre on the Approved South Lantau Coast Outline Zoning Plan NO. S/SLC/23 in Shui Hau, Lantau Island, Hong Kong	INDICATIVE SECTIONS	Checked	KC	Approved	KC	Fig. 5.3
				Rev	Description	Date	Scale	1: 100 @ A3
								Rev.

Featured Tree /Compensatory Tree



Sapium sebiferum
烏柏



Pyrus calleryana
豆梨



Polyspora axillaris
大頭茶



Viburnum odoratissimum
珊瑚樹



Quercus myrsinifolia
小葉青岡



Quercus championii
嶺南青岡



Livistona chinensis
蒲葵



Bridelia tomentosa
土密樹



Reevesia thyrsoidea
梭羅樹

Butterfly-Friendly Seasonal Changing Plant



Crotalaria retusa
吊裙草



Lantana camara
馬纓丹



Duranta erecta "Lass"
蕾絲假連翹



Chinese ixora
龍船花



Orthosiphon aristatus
貓蘇草



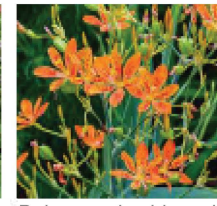
Gardenia jasminoides
梔子花



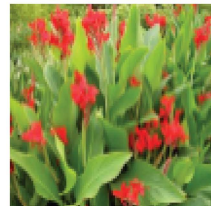
Agapanthus africanus
百子蓮



Angelonia angustifolia
狹葉天使花



Belamcanda chinensis
射干



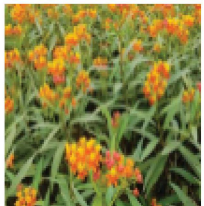
Canna indica
美人蕉



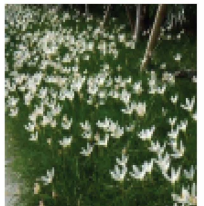
Hedychium coronarium
薑花



Iris tectorum
鳶尾



Asclepias curassavica
馬利筋



Zephyranthes candida
蔥蘭

Evergreen Shrub/Ground Cover



Codlaeum variegatum
灌金榕



Phyllostachys aurea
羅漢竹



Liriope spicata
山麥冬



Asaparagua densiflorous Sprengeri'
天門冬



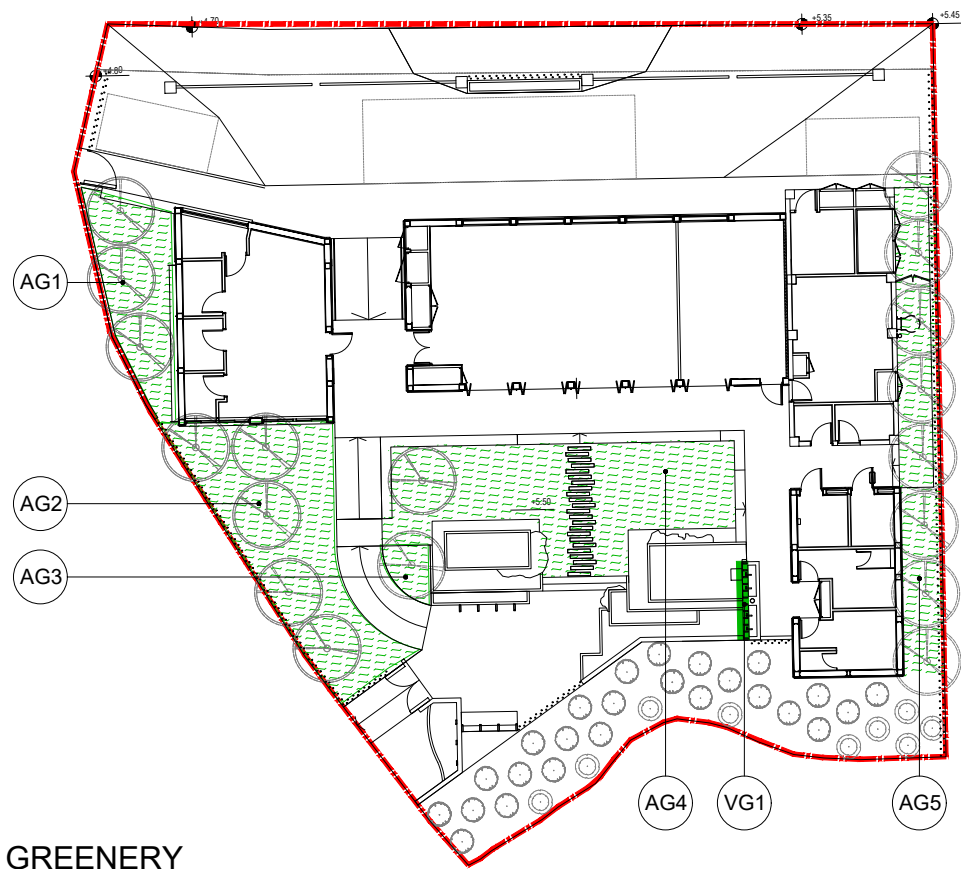
B.Zoysia Tenuiflia
朝鮮草



Gardenia jasminoides
梔子花

File Name
Source

Drawn	Date	Drawing No.
Checked	Approved	
Scale	1 : 200 @ A3	Rev.
Rev	Description	Date



AT-GRADE GREENERY

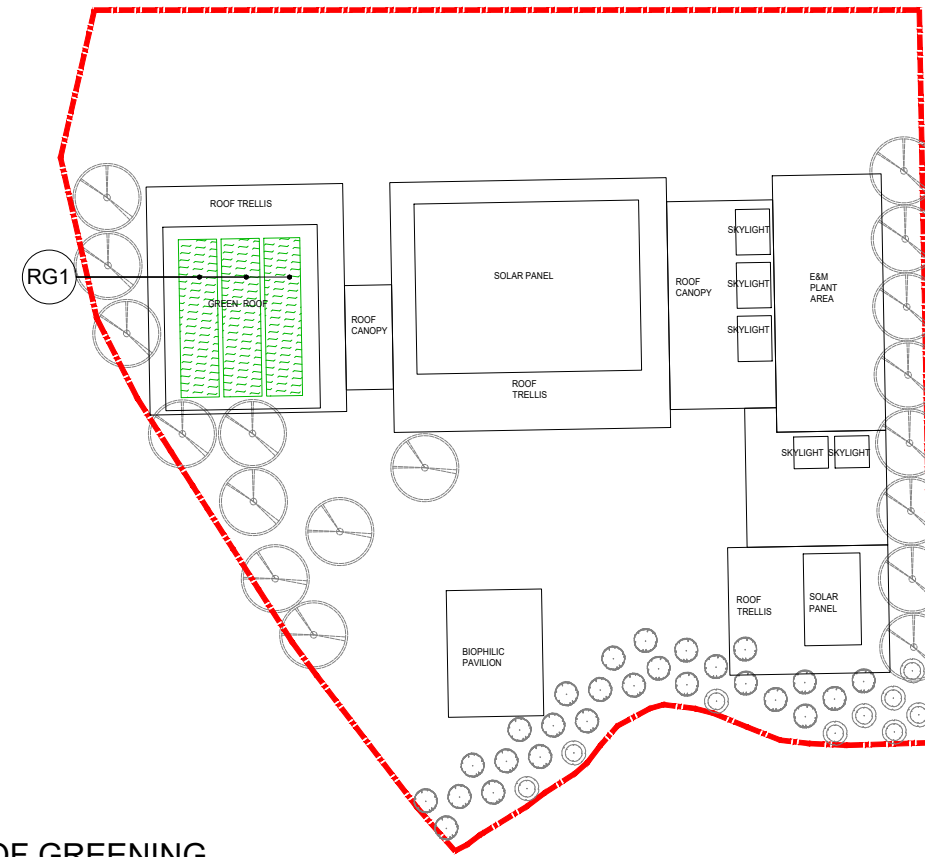
MARK	AREA
AG1	16.8 m ²
AG2	39.2 m ²
AG3	2.8 m ²
AG4	45.5 m ²
AG5	28 m ²
TOTAL	132.30 m ²

VERTICAL GREENING

VG1	3.45m x3m =10.35m ²
-----	-----------------------------------

AT-GRADE GREENERY

N.T.S.



ROOF GREENING

MARK	AREA
RG1	27.40 m ²
TOTAL	27.40 m ²

ROOF GREENING

N.T.S.



GREENERY ON SLOPES LESS THAN 45°

MARK	AREA
GS1	74.50 m ²
TOTAL	74.50 m ²

GREENING ON SLOPE LESS THAN 45°

N.T.S.

File Name :
Source :

Types of countable Greenery Area	Greenery Areas (sq.m)	Reduction Factor(%)	Greenery Areas (sq.m) contributing to Site Coverage of Greenery	
			At-grade Greenery Areas	Greenery Areas at other locations
Items <u>without</u> cap requirement				
1. Roof greening ¹	27.40	N/A	0	27.40
2. Podium greening/sky garden	0	N/A	0	0
3. Greening on slope $\leq 45^\circ$	74.50	N/A	74.50	0
4. At-grade Greenery	132.30	N/A	132.30	
Sub-total (A)			206.80	27.40
Other type of Greenery Areas <u>with</u> cap requirement				
5. Grass Pavers ²	0	50	0	0
6. Vertical greening	10.35	N/A	N/A	10.35
7. Covered Greenery Areas (at other locations)	0	N/A		0
8. Covered Greenery Areas (at-grade greenery)	0	50	0	
9. Aquatic planting in water features/bodies	0	50	0	0
10. Greening on slope $\leq 45^\circ$	0	N/A	0	0
Sub-total			0	10.35
Exceeding the total / combined total cap for others types of greenery areas (i.e. 30% of minimum greenery areas = 66.6 sq.m)			No, 0 + 0 = 0 (i.e. < 66.6)	
Adjustment required			0	0
Adjusted sub-total (B)			0	0
Total (A) + (B)			206.80	37.75
Attaining the minimum At-grade Greenery Area?			Yes, (i.e. ≥ 111)	
Attaining the minimum Total Greenery Areas?			Yes, 206.80 + 37.75 = 244.55 (i.e. ≥ 222)	
Percentage of countable Greenery Areas over Area of the Site			206.80 / 1110 = 18.6%	37.75 / 1110 = 3.4%
Site Coverage of Greenery			18.6% + 3.4% = 22%	

Calculation of Site of Greenery

Area of the Site (sq.m)
= 1110

Site Coverage of Greenery Requirements:

a. Minimum total Greenery Areas (sq.m)
= 222 (i.e. 20% of Area of the Site)

b. Minimum At-grade Greenery Areas (sq.m)
= 111 (i.e. 10% of Area of the Site)

Notes:

- The greenery areas on the roof are uncovered.
- The grass pavers applied at vehicular access and circulation areas including access, maintenance access and open car parking are countable for Site Coverage of Greenery.

File Name :
Source :

Annex A

Tree Assessment Schedule, Tree Location Plan, Tree Treatment Plan

Tree Assessment Schedule

Project Title: Shui Hau Conservation Centre

Date of Tree Survey: 3-Sep-24

Surveyed by: Hincnet Ng Yu Hin (ISA Certified Arborist, HK-0944AM)

Tree No.	Tree Species		Measurement			Top of soil level above root collar	Coordination (N)	Coordination (E)	Amenity Value	Form	Health Condition	Structural Condition	Survival Rate After Transplantation High(H)/Medium(M)/Low(L)	Feasibility of Transplantation & Justification (see footnotes)	Conservation Status	Proposed Treatment	Maintenance department to provide comments on TPRP	Future Maintenance Authority	Additional Remarks
	Scientific Name	Chinese Name	DBH (mm)	Height (m)	Crown Spread (m)											Retain/Transplant/Remove			
T001	<i>Alangium chinense</i>	八角楓	140	6	3	5.34	809 309.57N	809 746.08E	F	P	F	F	L	Non-transplantable (1)	Common Species	Remove	LCS D	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Dieback twigs, trunk covered with vine, extensive growth of watersprouts
T002	<i>Sapium sebiferum</i>	烏柏	255	10	6	5.85	809 303.30N	809 747.54E	F	P	F	F	L	Non-transplantable (1)	Common Species	Remove	LCS D	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Trunk covered with vine, obscured rooting area, low live crown ration
T003	<i>Sapium sebiferum</i>	烏柏	235	7	4	5.61	809 301.18N	809 744.38E	P	P	F	F	L	Non-transplantable (1, 3)	Common Species	Remove	LCS D	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Curvey trunk covered with vine, growing on sloping area abutting road kerb
T004	<i>Alangium chinense</i>	八角楓	200	5	4	5.31	809 301.68N	809 742.44E	F	P	F	F	L	Non-transplantable (1)	Common Species	Remove	LCS D	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Imbalanced crown, slightly leaning trunk
T005	<i>Sapium sebiferum</i>	烏柏	210	10	5	5.91	809 294.19N	809 742.33E	F	F	F	F	L	Non-transplantable (3)	Common Species	Remove	LCS D	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Trunk covered with vine
T006	<i>Sapium sebiferum</i>	烏柏	250	10	6	5.92	809 293.91N	809 723.24E	F	P	F	F	L	Non-transplantable (3)	Common Species	Remove	LCS D	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Dieback twigs, imbalanced form
T007	<i>Sapium sebiferum</i>	烏柏	300	8	6	4.99	809 281.18N	809 726.92E	F	P	F	F	L	Non-transplantable (5)	Common Species	Remove	LCS D	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Trunk triangled with wire fencing and covered with vine
T009	<i>Ficus hispida</i>	對葉榕	420	6	5	5.45	809 280.26N	809 750.79E	F	F	F	F	L	Non-transplantable (3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Multiple trunks, dead branches
T010	<i>Sapium sebiferum</i>	烏柏	360	10	5	4.89	809 284.43N	809 756.95E	P	P	F	F	L	Non-transplantable (3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Co-dominant trunks with one main trunk and one stem broken
T011	<i>Celtis sinensis</i>	朴樹	455	12	8	4.06	809 284.26N	809 761.06E	F	P	F	F	L	Non-transplantable (3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Imbalanced crown and moderately leaning
T012	<i>Acacia confusa</i>	台灣相思	430	13	8	5.72	809 291.77N	809 754.77E	P	F	P	F	L	Non-transplantable (4)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Sparse crown with severe dieback
T013	<i>Ficus hispida</i>	對葉榕	255	5	5	5.61	809 286.81N	809 752.63E	F	F	F	P	L	Non-transplantable (3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Co-dominant trunks, large trunk wounds
T014	<i>Ficus hispida</i>	對葉榕	260	5	6	5.35	809 281.85N	809 745.41E	F	P	F	F	L	Non-transplantable (2, 3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Branches crossing with adjacent trees, moderately leaning
T015	<i>Ficus hispida</i>	對葉榕	200	4	4	5.34	809 280.67N	809 745.78E	F	P	F	F	L	Non-transplantable (2, 3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Branches crossing with adjacent trees, moderately leaning
T016	<i>Alangium chinense</i>	八角楓	235	5	4	5.4	809 283.18N	809 742.91E	F	P	F	F	L	Non-transplantable (2, 3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Trunk covered with vine, co-dominant trunks with V-crotch
T017	<i>Alangium chinense</i>	八角楓	275	5	4	5.49	809 280.32N	809 740.82E	P	P	F	F	L	Non-transplantable (2, 3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Trunk covered with vine, co-dominant trunks with V-crotch and one broken trunk
T018	<i>Acacia confusa</i>	台灣相思	465	12	6	5.82	809 291.73N	809 751.74E	P	P	P	P	-	Dead tree	Common Species	Remove	-	-	Dead tree, no living foliage on crown
T019	<i>Acacia confusa</i>	台灣相思	220	5	1	5.82	809 292.01N	809 752.34E	P	P	P	P	-	Dead tree	Common Species	Remove	-	-	Dead and collapsed tree
T020	<i>Acacia confusa</i>	台灣相思	180	7	4	5.83	809 293.43N	809 751.19E	F	F	F	F	L	Non-transplantable (2, 3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Moderately leaning
T021	<i>Acacia confusa</i>	台灣相思	360	10	3	5.99	809 294.86N	809 750.66E	P	P	P	P	-	Dead tree	Common Species	Remove	-	-	Dead tree, no living foliage on crown
T022	<i>Acacia confusa</i>	台灣相思	475	8	5	6.11	809 294.73N	809 749.76E	P	P	P	P	-	Dead tree	Common Species	Remove	-	-	Dead tree, no living foliage on crown

Tree Assessment Schedule

Project Title: Shui Hau Conservation Centre

Date of Tree Survey: 3-Sep-24

Surveyed by: Hincent Ng Yu Hin (ISA Certified Arborist, HK-0944AM)

Tree No.	Tree Species		Measurement			Top of soil level above root collar	Coordinate n (N)	Coordinate n (E)	Amenity Value	Form	Health Condition	Structural Condition	Survival Rate After Transplantation	Feasibility of Transplantation & Justification (see footnotes)	Conservation Status	Proposed Treatment	Maintenance department to provide comments on TPRP	Future Maintenance Authority	Additional Remarks
	Scientific Name	Chinese Name	DBH (mm)	Height (m)	Crown Spread (m)											Retain/Transplant/Remove			
T024	<i>Sapium sebiferum</i>	烏柏	270	8	4	6.11	809 297.62N	809 746.71E	P	P	F	P	L	Non-transplantable (1, 4)	Common Species	Remove	LCS D	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Wounded trunk covered by vine, leaning trunk
T025	<i>Celtis sinensis</i>	朴樹	210	8	5	6.09	809 294.98N	809 745.19E	F	F	F	F	L	Non-transplantable (3)	Common Species	Remove	LCS D	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Wounded trunk covered by vine
T026	<i>Alangium chinense</i>	八角楓	115	7	5	5.71	809 296.46N	809 754.14E	F	F	F	F	L	Non-transplantable (3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Trunk covered with vine
T027	<i>Alangium chinense</i>	八角楓	135	7	5	5.98	809 297.63N	809 751.58E	F	F	F	F	L	Non-transplantable (3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Trunk covered with vine, co-dominant leaders
T028	<i>Acacia confusa</i>	台灣相思	230	11	7	5.53	809 297.31N	809 757.78E	P	P	P	F	L	Non-transplantable (3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Moderately leaning, dead branches, sparse crown
T029	Dead Tree		395	6	1	5.56	809 299.51N	809 758.24E	P	P	P	P	-	Dead tree	Unknown	Remove	-	-	Dead and collapsed tree
T031	Dead Tree		300	6	1	5.72	809 300.11N	809 754.64E	P	P	P	P	-	Dead tree	Unknown	Remove	-	-	Dead tree
T032	<i>Alangium chinense</i>	八角楓	115	7	5	5.81	809 303.15N	809 743.57E	F	F	F	F	L	Non-transplantable (3)	Common Species	Remove	LCS D	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Trunk covered with vines
T033	<i>Ficus hispida</i>	對葉榕	110	5	4	5.39	809 299.89N	809 759.89E	F	P	F	F	L	Non-transplantable (3)	Common Species	Remove	LandsD	-	The tree is located within site boundary and conflicts with the proposed layout of the building or the change of site levels. Imbalanced form, Dead branches
T035	<i>Microcos nervosa</i>	布渣葉	360	11	7	4.95	809 302.24N	809 763.00E	F	F	F	F	L	Non-transplantable (3)	Common Species	Remove	LandsD	-	The tree is located in close proximity to the site boundary which will be affected by the site formation works. Trunk covered with vine (outside boundary)
T036	<i>Microcos nervosa</i>	布渣葉	200	5	10	4.05	809 305.03N	809 761.41E	P	P	F	F	L	Non-transplantable (1)	Common Species	Remove	LandsD	-	The tree is located in close proximity to the site boundary which will be affected by the site formation works. Horizontal growing stems, growing on rocky substrate (outside boundary)
T037	<i>Microcos nervosa</i>	布渣葉	120	6	4	5.25	809 304.38N	809 758.20E	P	P	F	P	L	Non-transplantable (1, 4)	Common Species	Remove	LandsD	-	The tree is located in close proximity to the site boundary which will be affected by the site formation works. Broken leader, growing on rocky substrate (outside boundary)
T039	<i>Ficus hispida</i>	對葉榕	280	5	1	5.68	809 289.84N	809 749.74E	P	P	P	P	-	Dead tree	Common Species	Remove	-	-	Dead tree
T040	<i>Mallotus paniculatus</i>	白楸	120	5	4	5.15	809 307.15N	809 754.47E	P	F	P	F	L	Non-transplantable (4)	Common Species	Remove	LCS D	-	The tree is located in close proximity to the site boundary which will be affected by the site formation works. Sparse crown, trunk wound (outside boundary)

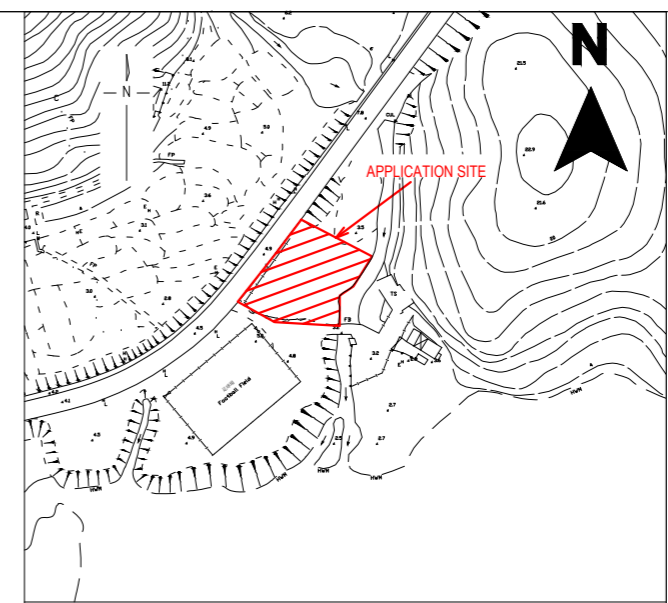
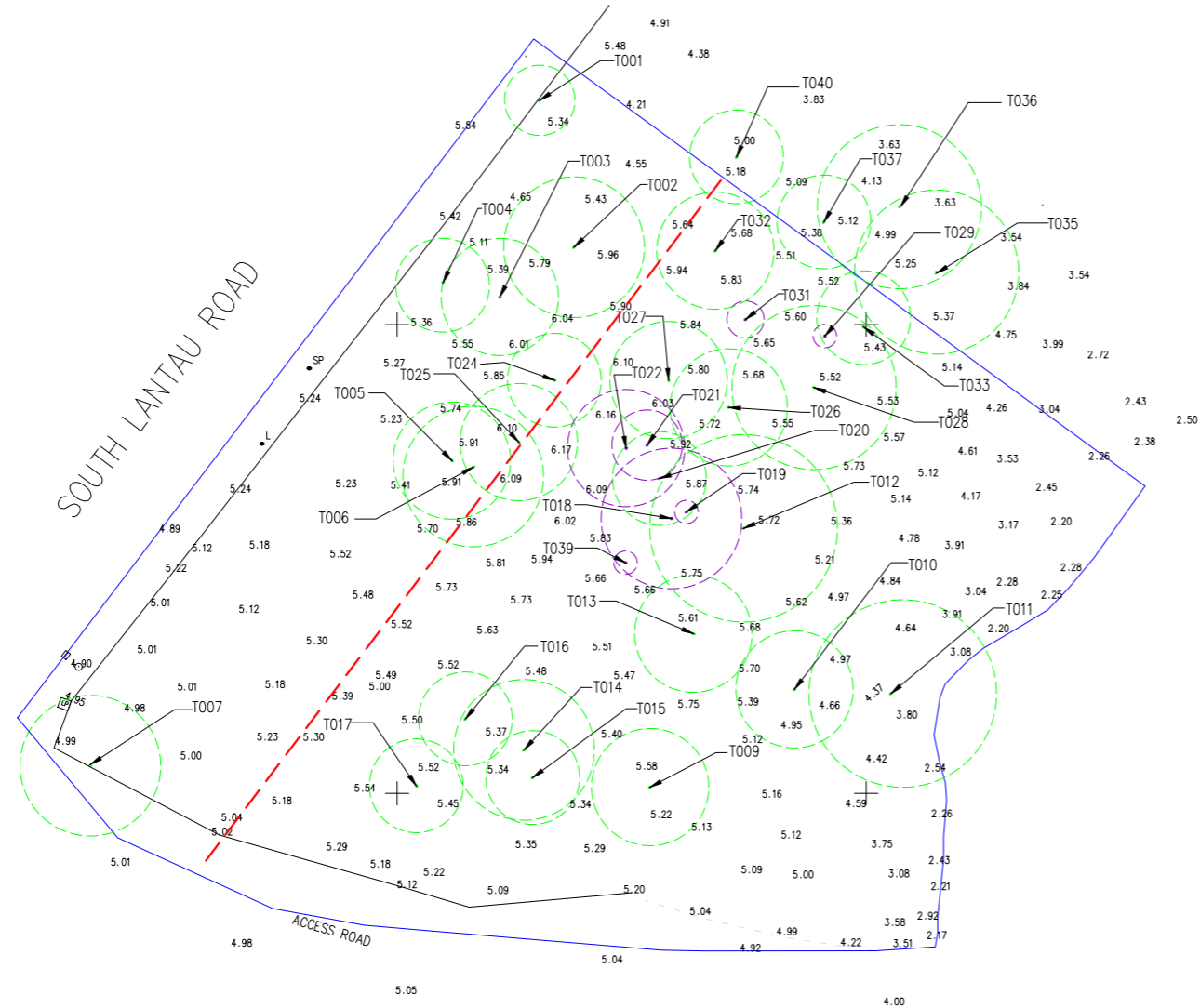
Summary of Tree Treatment:

a. No. of Surveyed Tree:	35
b. No. of Tree to be Retained:	0
c. No. of Tree to be Removed:	35
d. No. of Tree to be Transplanted:	0

Note
Conservation Status
 OVT = Tree specimens registered as Old & Valuable Trees in the OVTs' register
 POVT = Trees identified with potential for the Registered Old and Valuable Trees
 NT = Near Threatened, as listed in "Rare and Precious Plants of Hong Kong"
 Cap. 96 = Protected species listed under Forests and Countryside Ordinance Cap.96A
 Cap. 586 = Protection and Endangered Species of Animals and Plants Ordinance

Justification for Transplantable/Non-transplantable

- Poor tree form and low live crown ratio developed in dense woodland
- Isolation of branches practically not feasible
- Isolation and preparation of rootball practically not feasible
- Poor health and structural condition
- Trunk embedded wire fencing



KEY PLAN
SCALE 1:2000

SOURCE: HKMS 2.0
T13-NE-12A(2024-08-04),
T13-NE-12C(2024-04-02),
T13-NE-12B(2024-04-02)

LEGEND:

5.54	SURVEYED LEVEL
5.43	LIDAR DATA
—	FENCE
—	KERB BOTTOM
L	LAMP POST
LP	LIGHTING PIT
SP	SIGN POLE
○ T002	SURVEYED TREE
○ T002	DEAD TREE
---	10m HORIZONTAL DISTANCE FROM KERB

- NOTES :**
- ALL LEVELS ARE IN METRES ABOVE H.K.P.D.
 - CO-ORDINATES ARE OF HONG KONG 1980 GRID SYSTEM.
 - CO-ORDINATES OF LOWER LEFT SHEET CORNER: N: 809253; E: 809696; ROT. ANGLE : 0
 - LIC BASEMAP SHOWN IN GREY IS FOR INDICATION ONLY.
 - ALL DATA ARE EXTRACTED FROM LIDAR DATA SURVEYED IN 2020.

Rev.	DESCRIPTION	DATE
-	Submission	18/02/2025



CLIENT:
PRUDENTIAL SURVEYORS INTERNATIONAL LIMITED

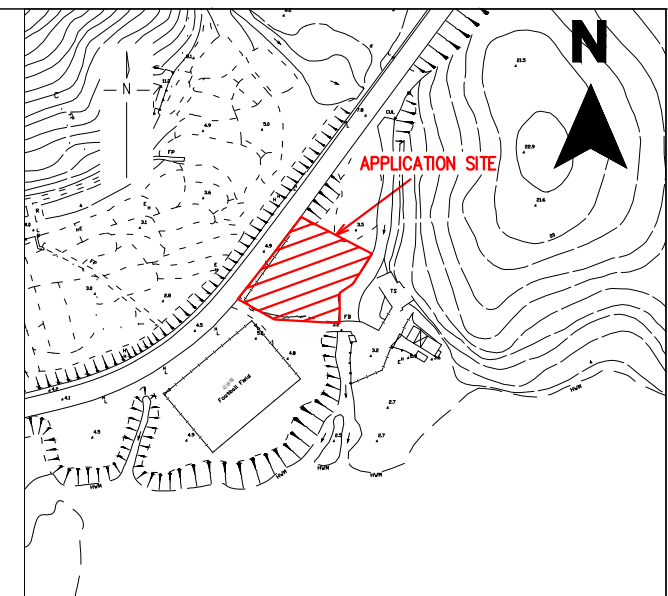
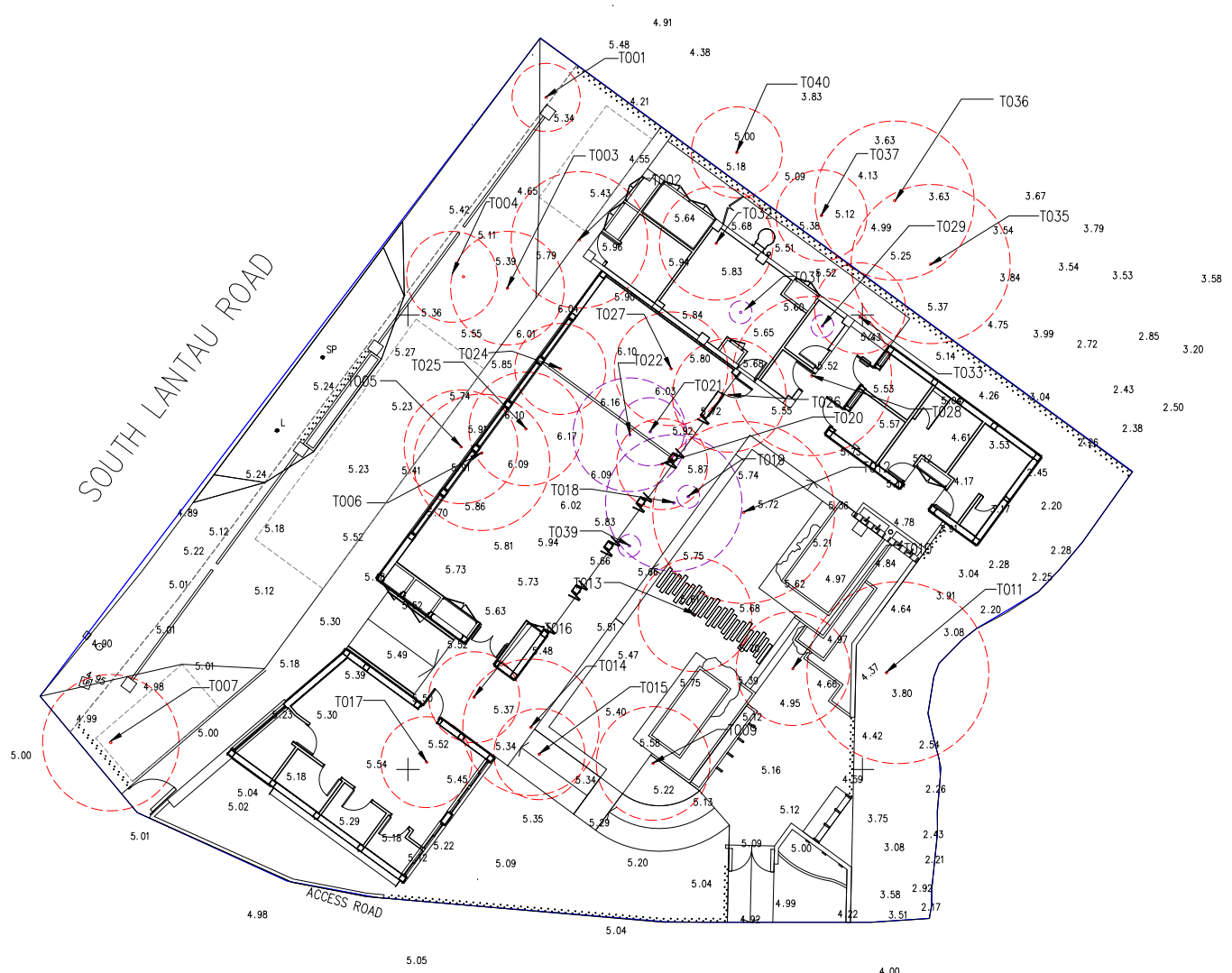
PROJECT:
SECTION 16 APPLICATION FOR PROPOSED SHUI HAU EDUCATION CENTRE ON THE APPROVED SOUTH LANTAU COAST OUTLINE ZONING PLAN NO. S/SLC/23 IN SHUI HAU, LANTAU ISLAND

TITLE
TREE LOCATION PLAN

SCALE:	N.T.S.
DRAWN BY:	HN
CHECKED BY:	KC
APPROVED BY:	KC
DRAWING DATE:	10 SEP 2024
APPROVED BY:	SLO 24/2024

SHEC_TLP_01	REV:
-------------	------

0 2 6m
*FOR INDICATIVE USE ONLY

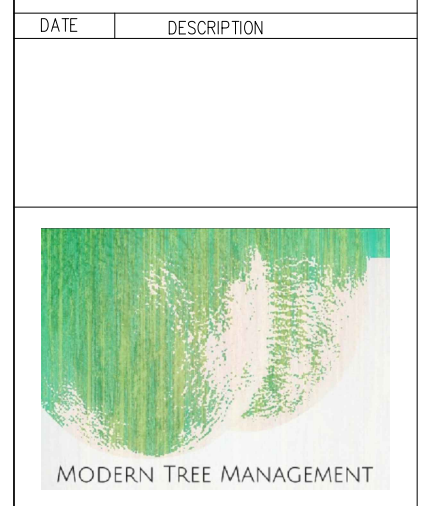


KEY PLAN
SCALE 1:2000

SOURCE: HKMS 2.0
T13-NE-12A(2024-08-04);
T13-NE-12C(2024-04-02);
T13-NE-12B(2024-04-02)

- LEGEND:**
- 5.54 SURVEYED LEVEL
 - +5.50 PROPOSED FINISHED LEVEL
 - T002 DEAD TREE
 - T002 TREE TO BE FELLED
 - APPLICATION SITE

- NOTES :**
1. ALL LEVELS ARE IN METRES ABOVE H.K.P.D.
 2. CO-ORDINATES ARE OF HONG KONG 1980 GRID SYSTEM.
 3. CO-ORDINATES OF LOWER LEFT SHEET CORNER:
N: 809253; E: 809696; ROT. ANGLE : 0
 4. LIC BASEMAP SHOWN IN GREY IS FOR INDICATION ONLY.
 5. ALL DATA ARE EXTRACTED FROM LIDAR DATA SURVEYED IN 2020.

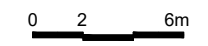


CLIENT:
PRUDENTIAL SURVEYORS
INTERNATIONAL LIMITED

PROJECT:
PROPOSED SHUI HAU ECOLOGICAL AND
CULTURAL CONSERVATION CENTRE

TITLE
TREE TREATMENT PLAN

SCALE:	N.T.S.
DRAWN BY:	HN
CHECKED BY:	KC
APPROVED BY:	KC
DRAWING DATE:	10 SEP 2024
APPROVED BY:	SLO 24/2024
SHEC_TTP_01	REV:A



Annex B

Tree Photographs

001 *Alangium chinense* 八角楓 (Remove)



Overview



Trunk condition



Root flare condition



Tree label

T002 *Sapium sebiferum* 烏柏 (Remove)



Overview



Crown condition



Root flare condition



Tree label

T003 *Sapium sebiferum* 烏柏 (Remove)



Overview



Trunk condition



Root flare condition



Tree label

T004 *Alangium chinense* 八角楓 (Remove)



Overview



Trunk condition



Root flare condition



Tree label

T005 *Sapium sebiferum* 烏柏 (Remove)



Overview



Trunk condition



Root flare condition



Tree label

T006 *Sapium sebiferum* 烏柏 (Remove)



Overview



Trunk condition



Root flare condition



Tree label

T007 *Sapium sebiferum* 烏柏 (Remove)



Overview



Trunk covered with vine



Basal trunk covered with vine



Tree label

T009 *Ficus hispida* 對葉榕 (Remove)



Overview



Multiple trunks



Root flare condition



Tree label

T010 *Sapium sebiferum* 烏柏 (Remove)



Overview



Broken trunk



Root flare condition



Tree label

T011 *Celtis sinensis* 朴樹 (Remove)



Overview



Trunk condition (moderately leaning approx. 30 deg)



Trunk wound

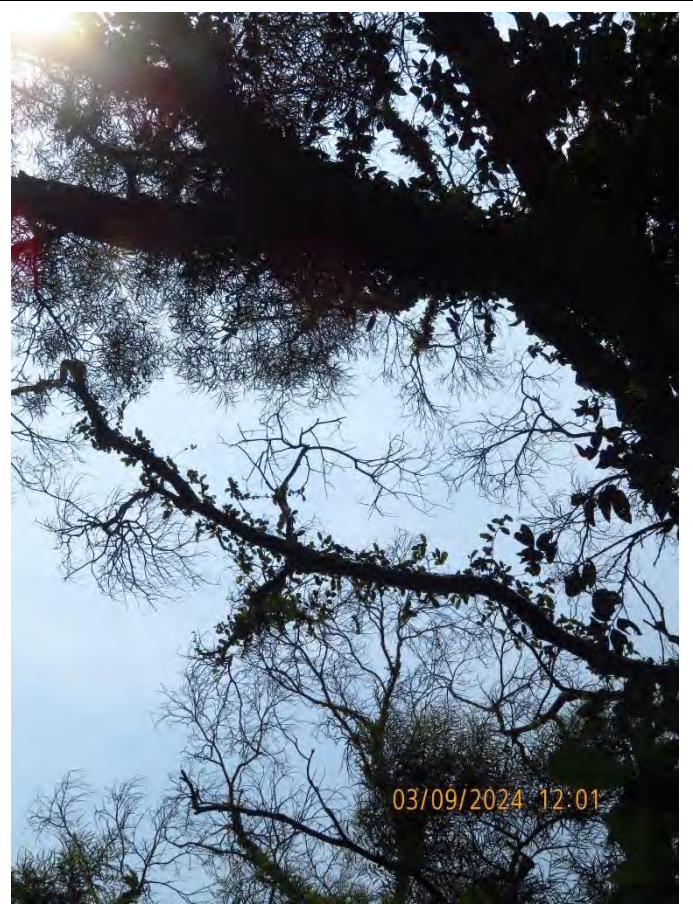


Tree label

T012 *Acacia confusa* 台灣相思 (Remove)



Overview



Severe dieback



Root flare condition



Tree label

T013 *Ficus hispida* 對葉榕 (Remove)



Overview



Co-dominant trunks and root flare condition



Trunk wound



Tree label

T014 *Ficus hispida* 對葉榕 (Remove)



Overview (moderately leaning approx. 20 deg)



Trunk condition and crossing branches



Root flare condition

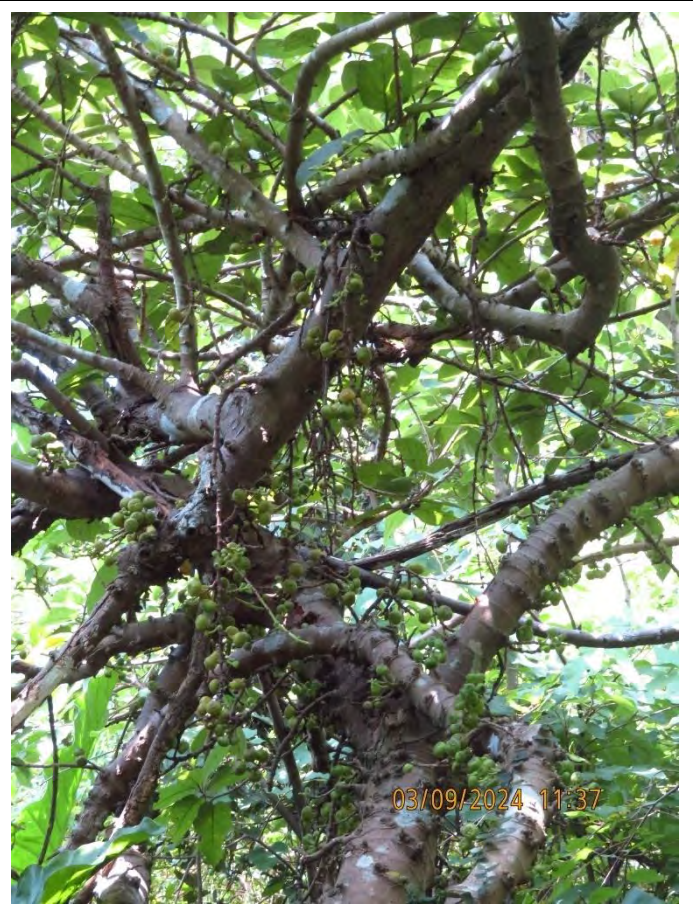


Tree label

T015 *Ficus hispida* 對葉榕 (Remove)



Overview (moderately leaning approx. 30 deg)



Trunk condition and crossing branches



Root flare condition



Tree label

T016 *Alangium chinense* 八角楓 (Remove)



Overview



Co-dominant trunks



Root flare condition



Tree label

T017 *Alangium chinense* 八角楓 (Remove)



Overview



Co-dominant trunks



Root flare condition



Tree label

T018 *Acacia confusa* 台灣相思 (Remove)



Overview (Dead tree) and trunk condition



Crown with no living foliage



Root flare condition



Tree label

T019 *Acacia confusa* 台灣相思 (Remove)



Overview (Collapsed and dead)



Tree label

T020 *Acacia confusa* 台灣相思 (Remove)



Overview



Trunk condition (moderately leaning approx. 25 deg)

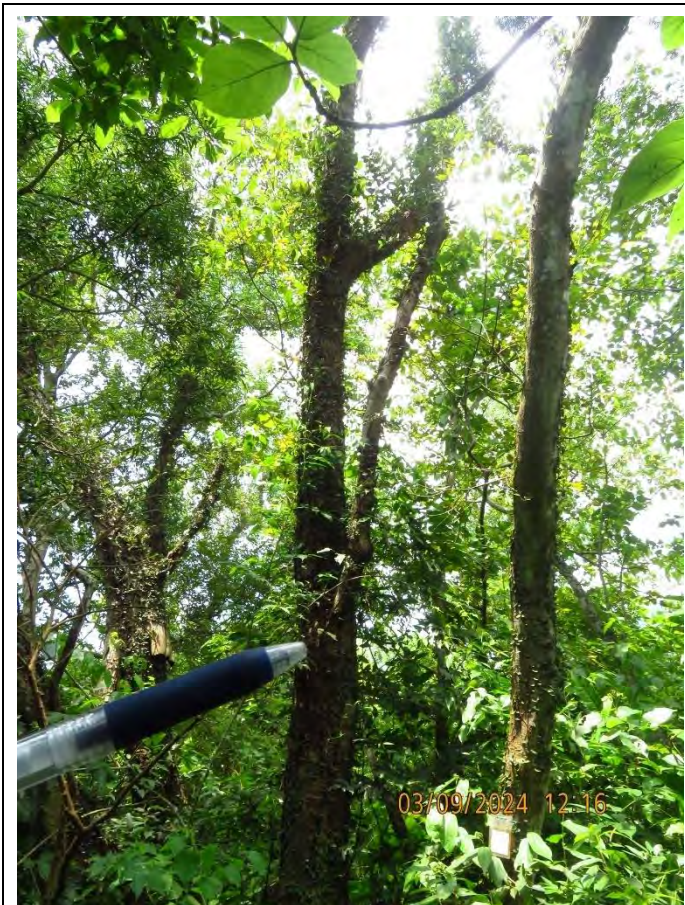


Root flare condition



Tree label

T021 *Acacia confusa* 台灣相思 (Remove)



Overview (Dead tree)



Crown with no living foliage and covered with vine



Dehydrated and bark peeling trunk



Tree label

T022 *Acacia confusa* 台灣相思 (Remove)



Overview (Dead tree)



Bowling crown with no living foliage



Dehydrated and bark peeling at basal trunk



Tree label

T024 *Sapium sebiferum* 烏柏 (Remove)



Overview



Crown condition

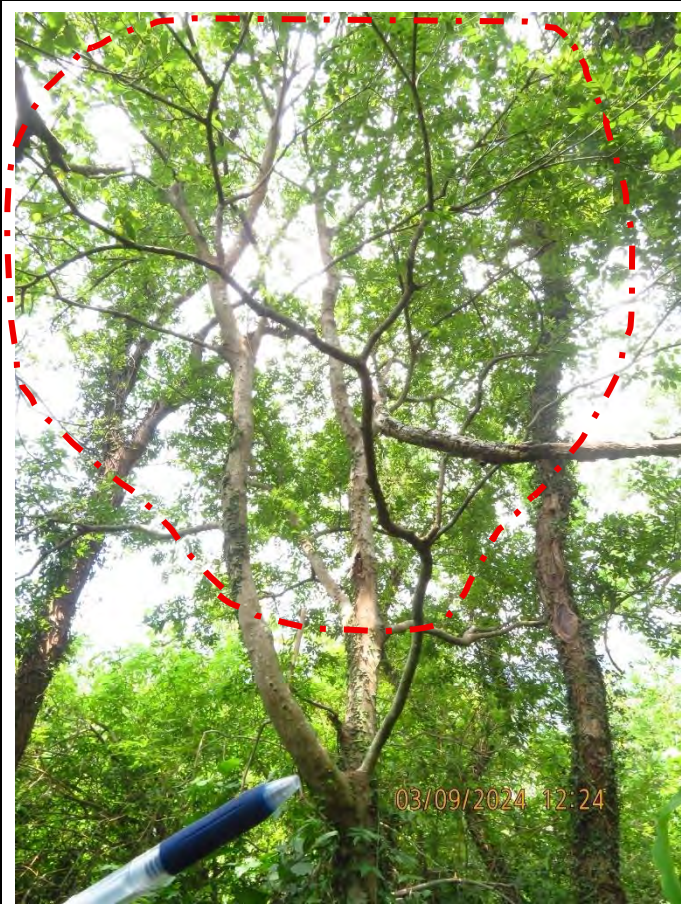


Trunk wound

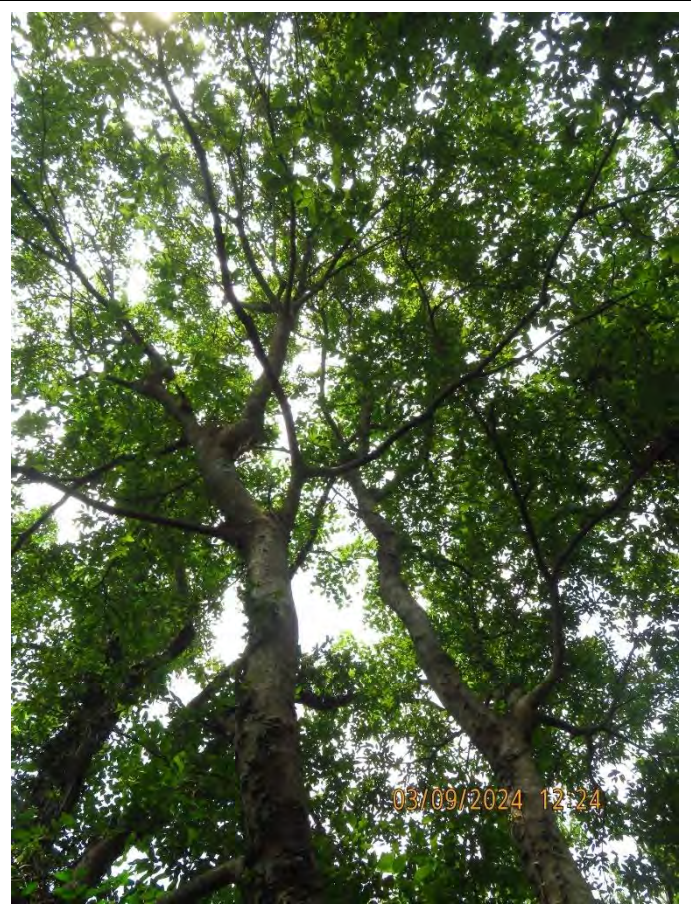


Tree label

T025 *Celtis sinensis* 朴樹 (Remove)



Overview



Crown condition

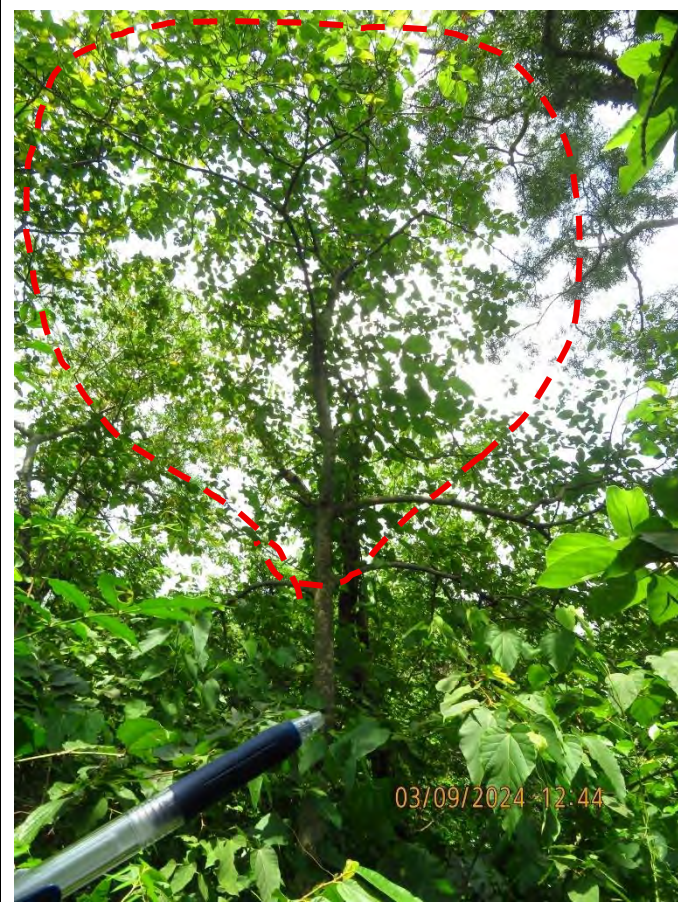


Root flare condition



Tree label

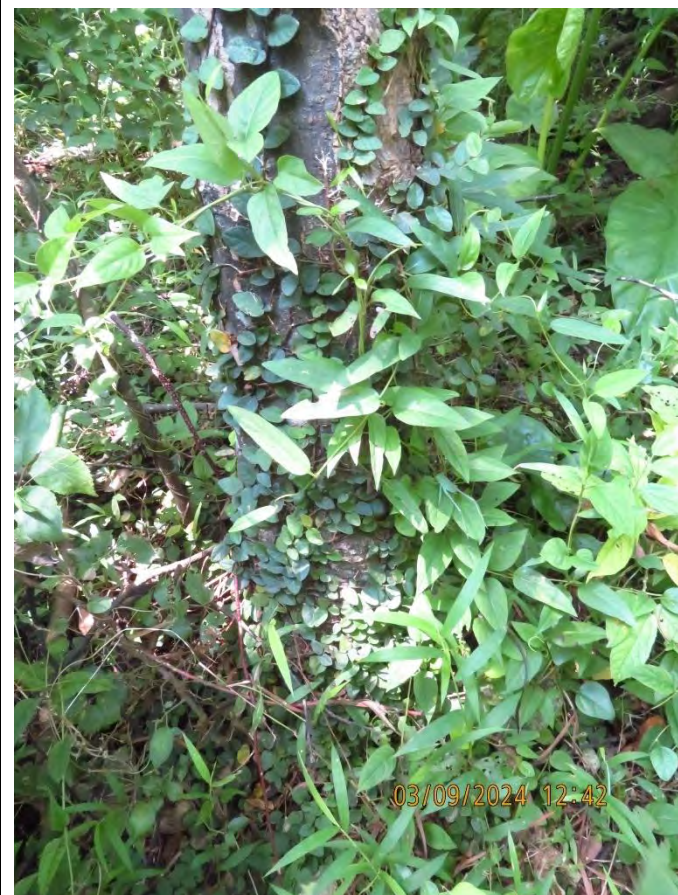
T026 *Alangium chinense* 八角楓 (Remove)



Overview



Trunk condition



Root flare condition



Tree label

T027 *Alangium chinense* 八角楓 (Remove)



Overview



Trunk condition



Root flare condition



Tree label

T028 *Acacia confusa* 台灣相思 (Remove)



Overview



Dead branches



Trunk condition (moderately leaning approx. 25 deg)



Tree label

T029 Unidentified Species (Remove)



Overview (Collapsed dead tree)



Tree label

T031 Unidentified Species (Remove)



Overview (Dead tree)



Dehydrated and bark peeling trunk

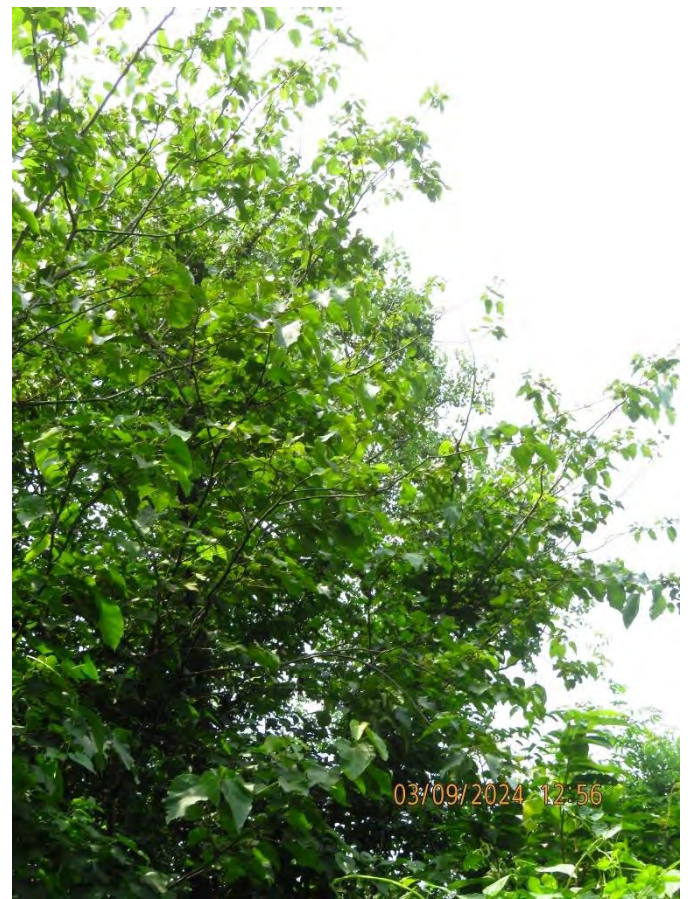


Tree label

T032 *Alangium chinense* 八角楓 (Remove)



Overview



Crown condition

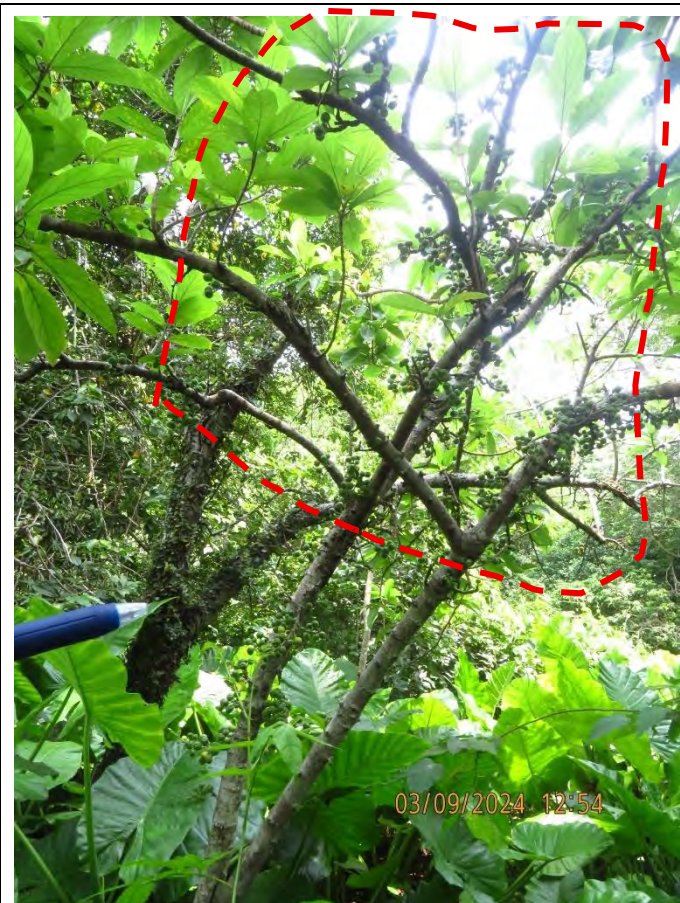


Root flare condition



Tree label

T033 *Ficus hispida* 對葉榕 (Remove)



Overview



Trunk condition

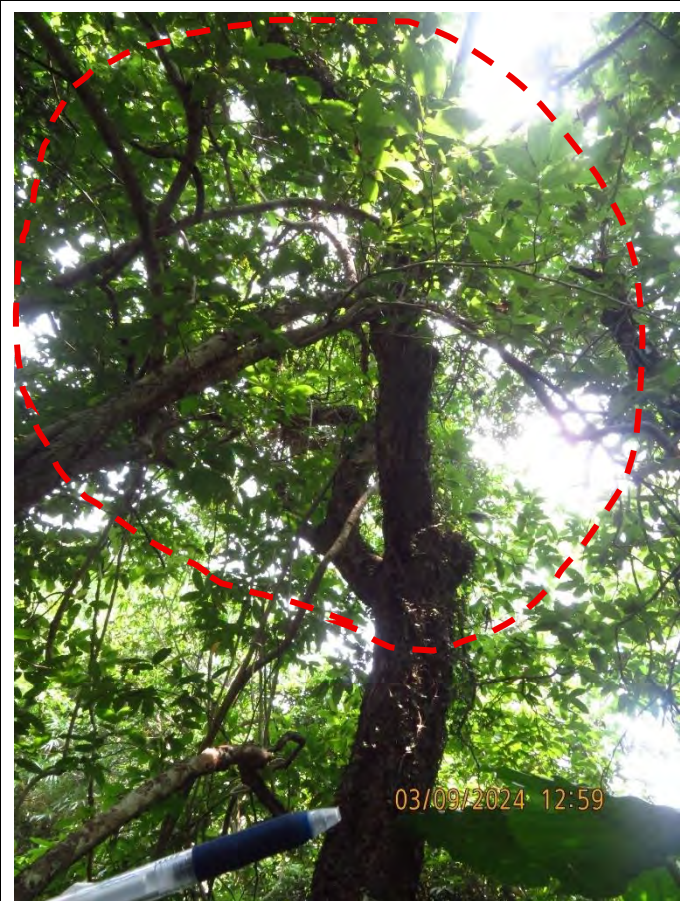


Root flare condition



Tree label

T035 *Microcos nervosa* 布渣葉 (Remove)



Overview



Trunk condition



Root flare condition



Tree label

T036 *Microcos nervosa* 布渣葉 (Retain)



Overview



Crown condition



Co-dominant trunks

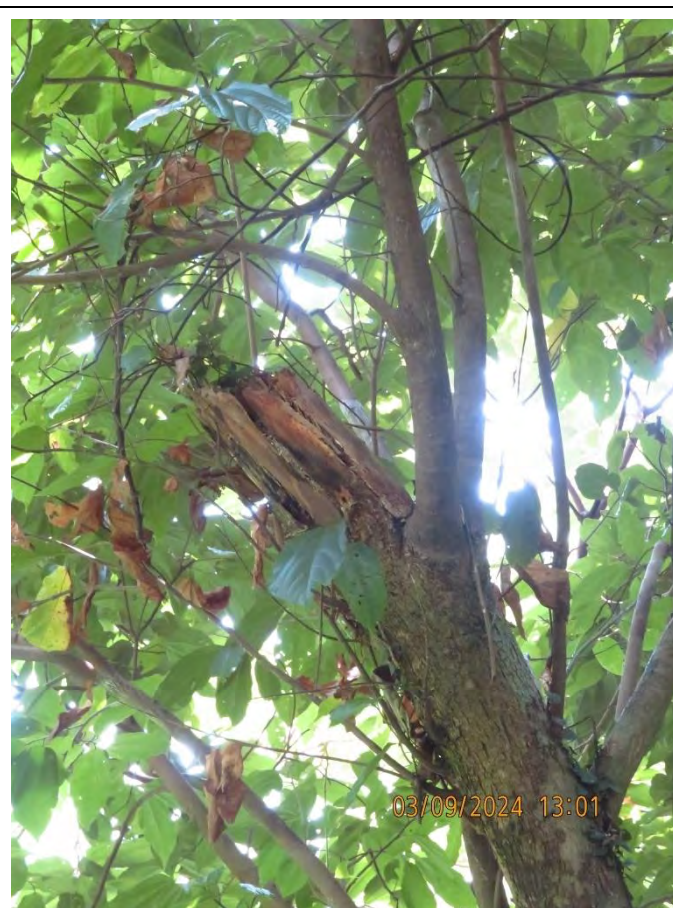


Tree label and root flare condition

T037 *Microcos nervosa* 布渣葉 (Remove)



Overview and trunk condition



Broken stem

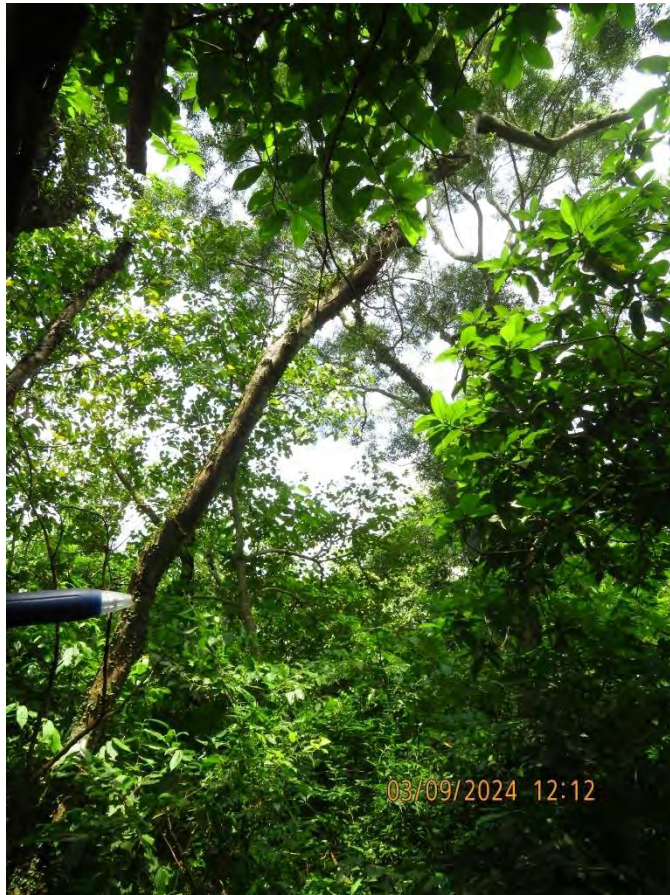


Root flare condition

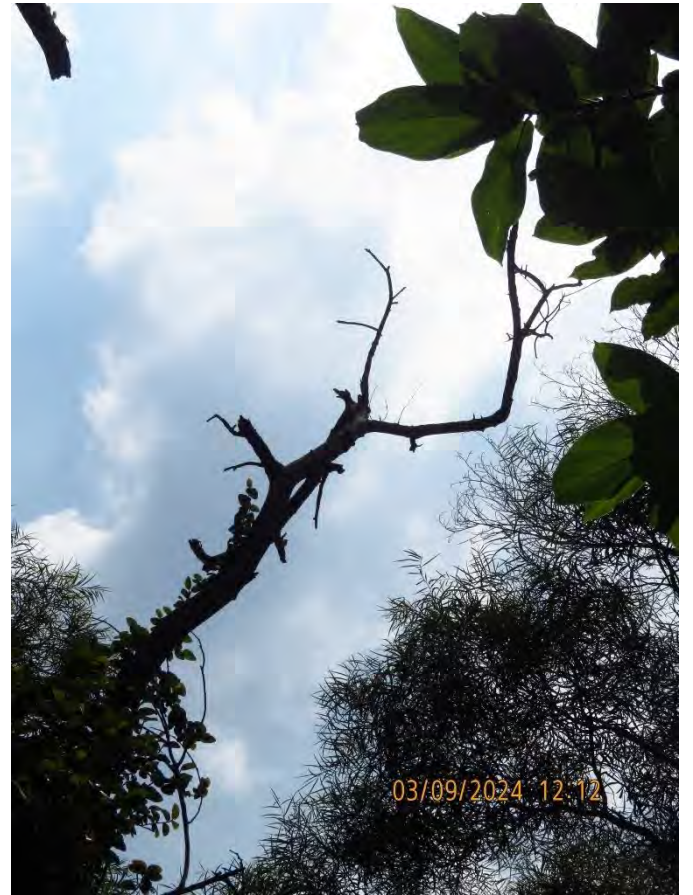


Tree label

T039 *Ficus hispida* 對葉榕 (Remove)



Overview (Dead tree)



Crown with no living foliage

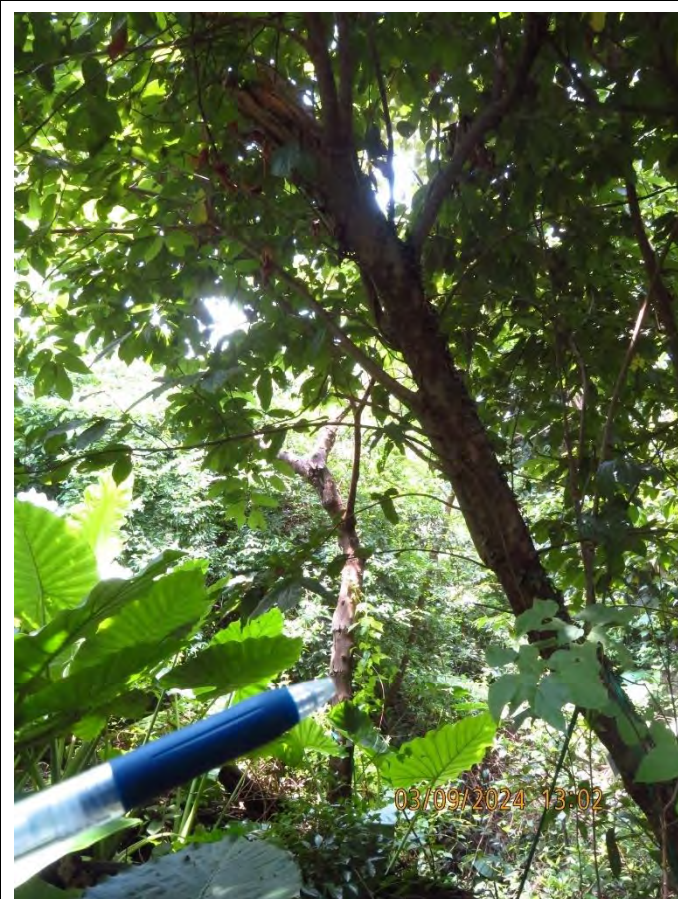


Root flare condition



Tree label

T040 *Mallotus paniculatus* 白楸 (Remove)



Overview



Crown condition



Root flare condition



Tree label