

Appendix 4

Tree Survey

**PLANNING APPLICATION FOR
PROPOSED UTILITY INSTALLATION FOR PRIVATE PROJECT
AT GOVERNMENT LAND ADJOINING 44 STANLEY VILLAGE ROAD,
STANLEY, HON KONG**

Tree Survey Report

1st Submission

by



Landes Limited

Date: 13 November 2025

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1.0 INTRODUCTION

1.1. The Proposed Utility Installation is to provide infrastructural support to the preservation-cum-residential development approved by the TPB on 18.7.2025 ("the Approved Preservation-cum-Residential Development") at 44 Stanley Village Road under Application No. A/H19/87). The Proposed Utility Installation includes drainage and sewage facilities, utility lead-in pipes for town gas, fire service, potable water and flushing water, power cable ducts, and a maintenance staircase. This report is prepared in support of the S.16 planning application of the Proposed Utility Installation.

1.2. This report outlines the approach and findings of the tree survey and describes the type, number and condition of all existing trees found within the Application Site. Effort was also made to advise the values of the existing vegetation and necessary protection approach. The tree survey was conducted on **18 September 2025**.

1.3. The following legislation, standards and guidelines are applicable to the tree survey, felling, and compensatory planting associated with the proposed building works for the project.

- Hong Kong Planning Standards and Guidelines;
- Technical Guidelines on Landscape Treatment for Slopes (GEO Publication No. 1/2011);
- Design Manual: Barrier Free Access 2008 (Buildings Department);
- BD PNAP APP-152 – Sustainable Building Design Guidelines (2019 version).
- DEVB TCW No. 5/2020 – Registration and Preservation of Old and Valuable Trees; and
- LAO Practice Note No. 6/2023 – Processing of Tree Preservation and Removal Proposals for Building Development in Private Projects – Compliance with Tree Preservation Clause under Lease; and
- Guidelines for Tree Risk Assessment and Management Arrangement (10th Edition).

1.4. This Tree Survey Report presents:

- The existing tree vegetation; and
- Planting Proposal of the Proposed Development.

2.0 THE SITE AND ITS CONTEXT

2.1. The proposed development is located to the southeast of the proposed residential development at 44 Stanley Village Road, Stanley, Hong Kong. It is bounded by low-rise residential buildings, specifically Stanley Knoll and Carmel Hill to the west, north, and east, while Stanley Plaza is located downhill to its south. Access is provided via Carmel Road to its south.

2.2 The Site is primarily a vegetated slope. A strip of land at the southern portion of the Site is dedicated for motorcycle parking spaces for public use. Trees are scattered on the slopes and are generally semi-mature in size, but several mature specimens have been identified. No Old and Valuable Trees (OVT) or protected species have been identified in accordance with DEVB TCW No. 5/2020 – Registration and Preservation of Old and Valuable Trees. 1 protected species - *Michelia x alba* was identified in accordance with the Forests and Countryside Ordinance (Cap. 96).

2.3 The landscape character of the site and its surroundings is dominated by low-rise development including Gordon Terrace, Stanley Green, Stanley Knoll and Stanley Court and institution buildings, i.e. Stanley Municipal Building, Ma Hang Prison.

3.0 THE PROPOSED UTILITY INSTALLATION

3.1 Since the Approved Preservation-cum-Residential Development sits on a platform above and away from the public road, whilst the public utilities are laid along Carmel Road and Stanley Village Road, these drainage and sewage facilities and lead-in-pipes cutting across the “GB” zone in between are unavoidable. The Proposed Utility Installation includes drainage and sewage facilities, utility lead-in pipes for town gas, fire service, potable water and flushing water, power cable ducts, and a maintenance staircase.

3.2 Some of the vegetation would be affected by the Proposed Utility Installation. The detailed tree assessment shall refer to the **Para 4.0** below. The utility layout has overlaid on the Tree Treatment Plan to illustrate the impact of the Proposed Access on existing vegetation. The Tree Treatment Plan and Tree Assessment Schedule are included in **Appendix A** and **Appendix B** for reference.

4.0 EXISTING VEGETATION

4.1 A tree survey was carried out on **18 September 2025** in accordance with LAO PN No. 6/2023. A total of **17** trees within the Site were recorded. The photographic records of these existing trees are in **Appendix C**. The surveyed existing tree species are outlined below:

Table 1.0 Existing Tree Species Summary (Surveyed Trees)

Species no.	Scientific Name	Chinese Name	Quantity	Tree No.
1	<i>Bauhinia purpurea</i>	紅花羊蹄甲	6	T434, A08, A09, A11, A12, A13
2	<i>Delonix regia</i>	鳳凰木	3	T439, T441, A06
3	<i>Dimocarpus longan</i>	龍眼	1	T459
4	<i>Ficus altissima</i>	高山榕	1	T466
5	<i>Lagerstroemia speciosa</i>	大花紫薇	2	T440, T442
6	<i>Litchi chinensis</i>	荔枝	1	T244
7	<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	2	T435, A07
8	<i>Michelia x alba</i>	白蘭	1	T445
		Total:	17	

4.2 The tree species recorded are mostly common species found in Hong Kong. A total of **8** species were identified, with heights ranging from **5.5** m to **18** m, crown spreads from **4** m to **10** m, and DBH (Diameter at Breast Height) from **103** mm to **750** mm. No Registered Old and Valuable Trees (OVTs) were recorded in this tree survey. **1** no. of protected tree species under Cap.96, i.e. *Michelia x alba* was identified.

4.3 The Site is dominated by *Bauhinia purpurea* 紅花羊蹄甲 (**6** nos.) which are common plantation species in Hong Kong. The remaining ones including *Delonix regia* (**3** nos.) and *Lagerstroemia speciosa* (**2** nos.) are also commonly found in Hong Kong.

5.0 RECOMMENDATION

5.1 The construction works will lead to disturbance of **13** surveyed existing trees. The layout of the Proposed Utility Installation has been overlaid on **Tree Treatment Plan** in **Appendix A** to illustrate the impact on the existing trees. **Table 2.0** provides a summary of the recommendation for the treatment of these surveyed existing trees.

Table 2.0 Summary of Treatment to Existing Trees

Proposed Treatment to Existing Trees	No. of Trees
Number of Trees to be Retained	5
Number of Trees to be Felled	12
Number of Trees to be Transplanted	0
Total Number of Trees in Survey	17

Retention of Trees

4.4 The construction of the Proposed Utility Installation, which includes drainage and sewage facilities, utility lead-in pipes for town gas, fire service, potable water and flushing water, power cable ducts, and a maintenance staircase, will occupy majority of the outdoor areas within the Site.

4.5 Due to the development activities and limited space remaining, only **5** trees including **A11, A12, A13 – Bauhinia purpurea, T445 – Michelia x alba** and **T459 – Dimocarpus longan** will be unaffected by the Proposed Utility Installation. The retained trees will be protected and maintained in accordance with the details specified in Section 25 – Landscape Work of the General Specification for Building (2022) and the relevant guidelines issued by DEVB. Please also refer to the **Tree Protection Plan** in **Appendix D**.

4.6 It is important to mention that tree no. **T455** – *Michelia x alba* is a protected species under Cap.96 and is a mature specimen, approx.. 18m high. Proper tree protection measures and close monitoring will be implemented to safeguard this tree.

Felling and Transplantation of Trees

4.7 For trees that will be in conflict with the proposed works shall be proposed to be transplanted if they fulfil all the criteria below:

- Trees have high amenity value;
- Trees with good form and health;
- Suitable access;
- Tree species able to be transplanted easily;
- Trees have suitable size and;
- Trees are young to semi-mature.

4.8 In this project, **12** existing trees within the Application Site Boundary are in direct conflict with the proposed works and cannot be retained in situ. As all are growing on slopes, it is not possible to form a well-balanced and viable rootballs for transplantation. Therefore, none of the disturbed trees meet the criteria for transplantation.

4.9 **3** affected trees, namely **T466** – *Ficus altissima*, **T435**, **A07** – *Macaranga tanarius* var. *tomentosa* are common hillside species in Hong Kong. As they are propagated from the adjacent hillsides, their root systems are very susceptible to environmental changes. This renders them a relatively low survival rate after transplantation. Hence, all of these trees are also proposed to be felled.

4.10 Another **8** disturbed trees, namely **T434**, **A08**, **A09** – *Bauhinia purpurea*, **T439**, **T441**, **A06** – *Delonix regia* and **T440**, **T442** – *Lagerstroemia speciosa* have exhibited poor tree form or health conditions. Transplanting these trees would require significant deformation, which would likely result in irreversible damage to their form. It is proposed to fell these trees and compensate by planting high-quality replacements.

4.11 Apart from the above, **1** fruit tree, i.e. **T244** – *Lichi chinesis* will also be disturbed. Due to the nature of fruit tree, it's survival rate after transplantation is usually low. It is proposed to fell it, instead of transplanting it.

6.0 PLANTING PROPOSALS (Refer to Appendix E)

6.1 In order to provide quality landscape for the Proposed Utility Installation, soft landscape works will be the major landscape element of the landscaping proposal and satisfy the following criteria:

- To compensate the loss of affected tree;
- To screen the Inclined Lift and reduce the visual impact to the nearby residents/ visitors;
- To minimize future maintenance; and
- To be compatible with the hillside environment.

6.2 In this study area, a total of **17** trees were recorded within the Application Site. Of these, **5** trees will be retained in-situ, while **12** trees will be felled due to conflicts with the Proposed Utility Installation and associated works. To compensate, **37** new trees of standard size are proposed.

6.3 New standard trees will be planted at the available planting areas within the Site. They are proposed at relatively flat areas with slope gradient ranging from 7° to 35° , in accordance with Technical Guidelines on Landscape Treatment for Slopes (GEO Publication No. 1/2011). Please refer to the **Landscape Sections** showing the slope gradient in **Appendix E**. Apart from tree planting, woodland shrub mix in predominant of native species are proposed in order to restore the disturbed hillsides in long run. The species list is provided below:

Table 3.0 Proposed Planting Schedule

Botanical Name	Chinese Name	Size (mm)	Spacing (mm)	Native/ Exotic
STANDARD TREES		Height x Spread x DBH (mm)		
<i>Castanopsis fissa</i>	黧蒴錐	1250x750x50	2500	Native
<i>Ficus virens</i>	黃葛樹	1250x750x50	2500	Native
<i>Liquidambar formosana</i>	楓香	1250x750x50	2500	Native
<i>Schima superba</i>	木荷	1250x750x50	2500	Native
WOODLAND SHRUB MIX		Height x Spread (mm)		
<i>Christella parasitica</i>	華南毛蕨	300x300	300	Native
<i>Dicranopteris pedata</i>	芒萁	300x300	300	Native
<i>Ligustrum sinense</i>	山指甲	300x300	300	Native

<i>Melastoma malabathricum</i>	野牡丹	300x300	300	Native
<i>Nephrolepis cordifolia</i>	腎蕨	300x300	300	Native
<i>Tetracera sarmentosa</i>	錫葉藤	300x300	300	Native

6.5 In view of the above, the tree compensation proposal can achieve a ratio not less than 1:1 in terms of quality and quantity as follows:

Quantity of loss of trees: 12 nos.

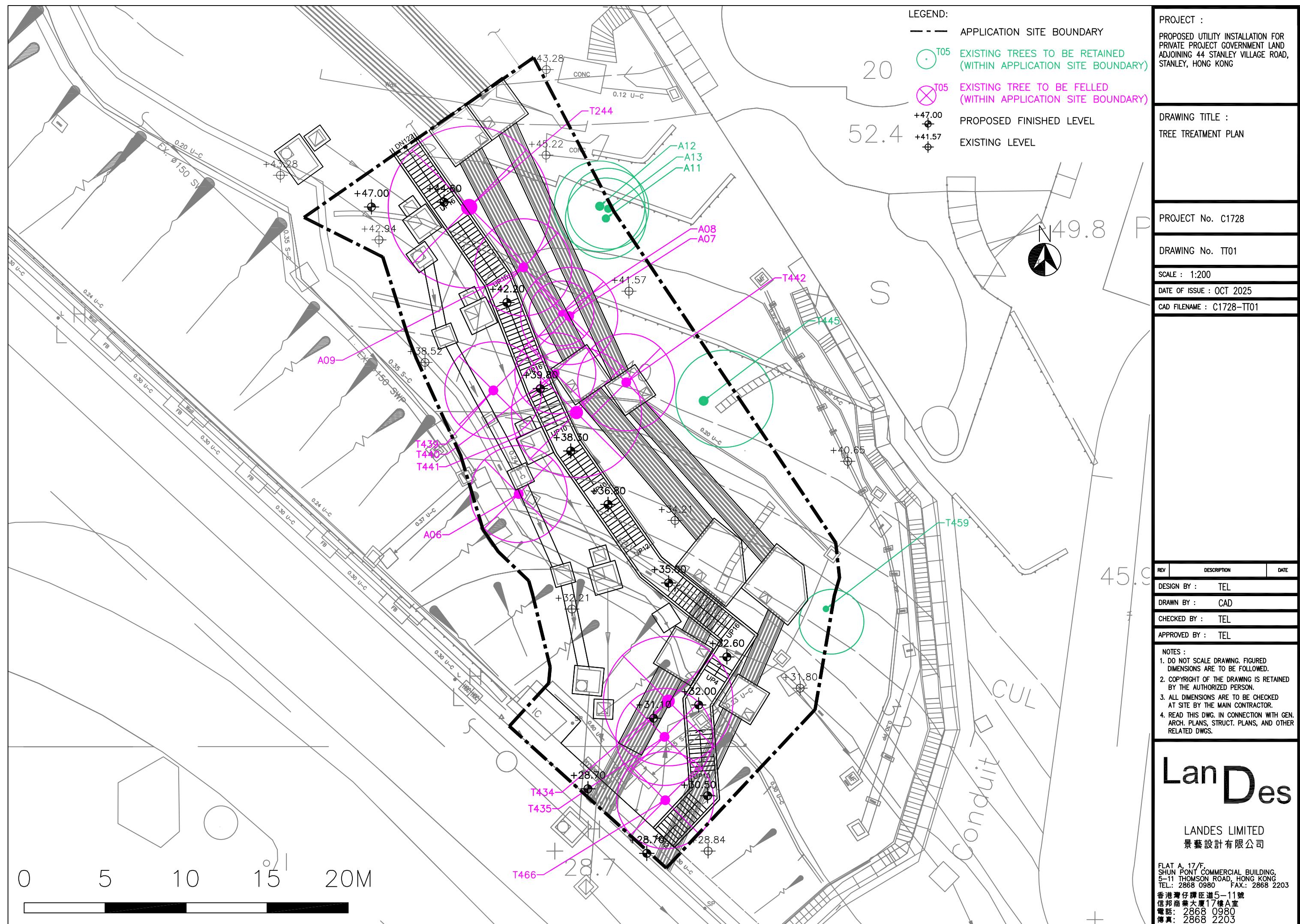
Quantity of compensatory trees: 37 nos.

Quantity compensation ratio approx. 1:3.08

6.3 Landscape Plan showing the location of retained trees and new trees are shown in **Appendix E**.

Appendix A

Tree Treatment Plan



Appendix B

Tree Assessment Schedule

Tree Treatment Schedule at

Proposed Utilities at Green Belt for Proposed Residential Development at 44 Stanley Village Road, Stanley, Hong Kong (RBL 333RP)

Prepared by Ted Lam (R.L.A. No. R-073) on 18.09.2025

To be read in conjunction with Tree Survey Plan, dwg. no. C1728-1-TS01

Tree	Species					Proposed Treatment	Remark ¹
No.	Scientific Name	Chinese Name	Height (m)	DBH ² (mm)	Crown Spread (m)	(Retain/Transplant/Fell)	
T244	<i>Litchi chinensis</i>	荔枝	12.0	750.00	10.0	Fell	multiple trunks, included bark, decay branch
T434	<i>Bauhinia purpurea</i>	紅花羊蹄甲	9.0	355.00	8.0	Fell	uproot, multiple trunks, included bark
T435	<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	9.0	278.00	6.0	Fell	restricted root, leaning trunk, abnormal bark crack on trunk
T439	<i>Delonix regia</i>	鳳凰木	9.0	243.00	6.0	Fell	restricted root, imbalanced crown
T440	<i>Lagerstroemia speciosa</i>	大花紫薇	8.0	124.00	5.0	Fell	restricted root
T441	<i>Delonix regia</i>	鳳凰木	12.0	422.00	8.0	Fell	restricted root, multiple attachments with included bark, imbalanced crown
T442	<i>Lagerstroemia speciosa</i>	大花紫薇	5.5	160.00	5.0	Fell	restricted root
T445	<i>Michelia x alba</i>	白蘭	18.0	318.00	8.0	Retain	scheduled under Cap. 96, restricted root, iron bar embedded in trunk
T459	<i>Dimocarpus longan</i>	龍眼	6.5	103.00	4.0	Retain	restricted root, leaning trunk
T466	<i>Ficus altissima</i>	高山榕	10.0	207.00	6.0	Fell	restricted root, leaning trunk, chain embedded in trunk
A06	<i>Delonix regia</i>	鳳凰木	9.0	144.00	6.0	Fell	restricted root, leaning trunk, imbalanced crown
A07	<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	9.0	240.00	6.0	Fell	restricted root, multiple trunks, included bark, decay in trunk base
A08	<i>Bauhinia purpurea</i>	紅花羊蹄甲	9.0	147.00	4.0	Fell	restricted root, leaning trunk
A09	<i>Bauhinia purpurea</i>	紅花羊蹄甲	8.0	328.00	7.0	Fell	restricted root, leaning trunk, multiple trunks, included bark, broken branch
A11	<i>Bauhinia purpurea</i>	紅花羊蹄甲	5.5	132.00	5.0	Retain	co-dominant trunks, included bark, imbalanced crown
A12	<i>Bauhinia purpurea</i>	紅花羊蹄甲	9.0	127.00	6.0	Retain	restricted root, decay in trunk
A13	<i>Bauhinia purpurea</i>	紅花羊蹄甲	10.0	162.00	5.0	Retain	restricted root

Summary Table

Tree to be Retained	5
Tree to be Transplanted	0
Tree to be Felled	12
Total Number of Existing Trees	17

¹ Please state whether the OVT, potentially registrable OVT, trees of rare or protected species, trees with ecological and historical significance, etc. within and/or adjacent to the site is likely to be affected by the proposed development.

² DBH of a tree refers to its diameter at breast height (i.e. measuprooted at 1.3m above ground level)

Appendix C

Photographic Record of Existing Trees



LEGEND :
(R) - Retain
(F) - Fell
(T) - Transplant

T244 - Label (F)

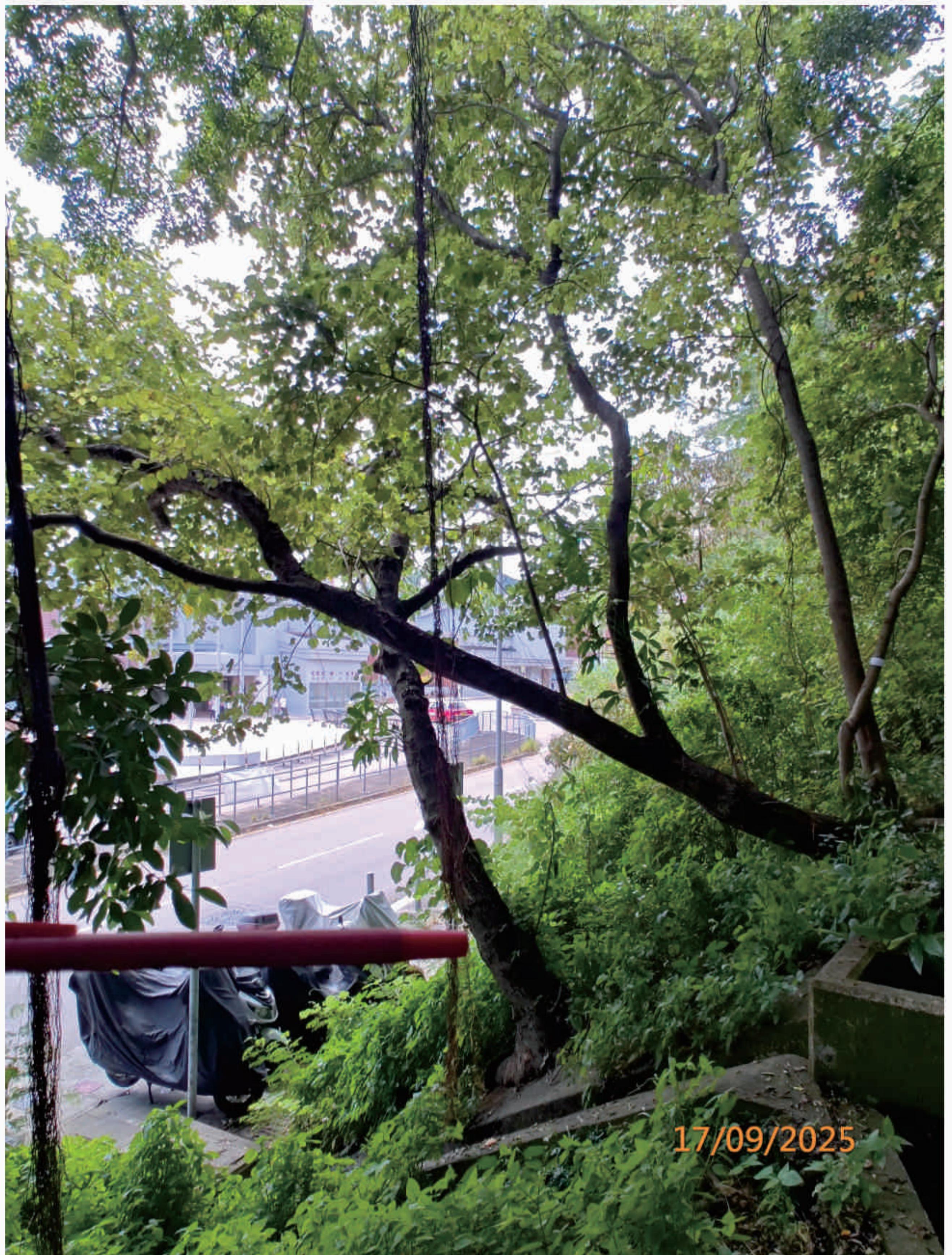
T244 - Overview (F)

T244 - Trunk (F)

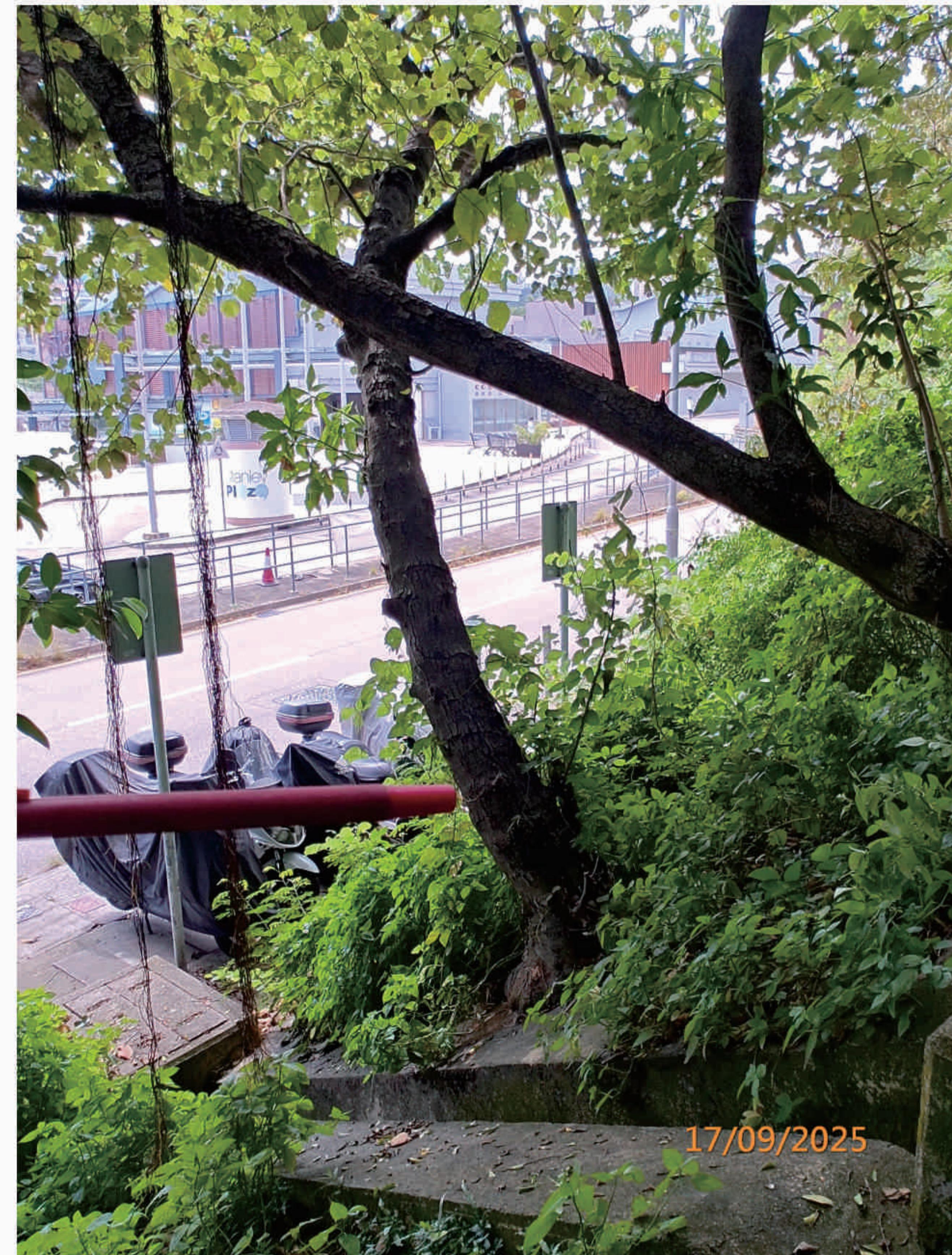
T244 - Decay Branch (F)



T435 - Label (F)



T435 - Overview (F)



T435 - Trunk (F)



T435 - Abnormal Bark Crack on Trunk (F)



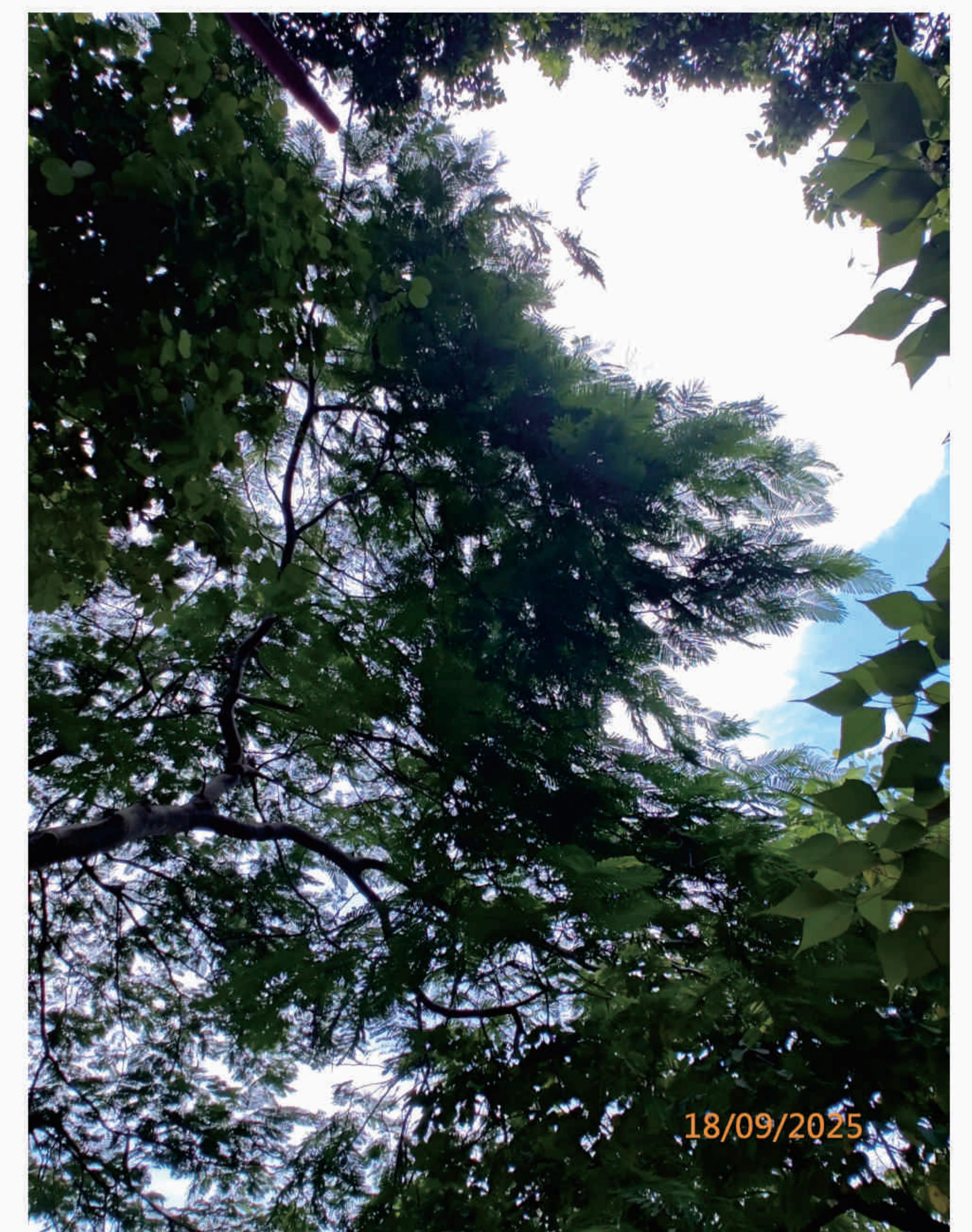
T439 - Label (F)



T439 - Overview (F)



T439 - Trunk (F)



T439 - Imbalanced Crown (F)

LEGEND :
(R) - Retain
(F) - Fell
(T) - Transplant



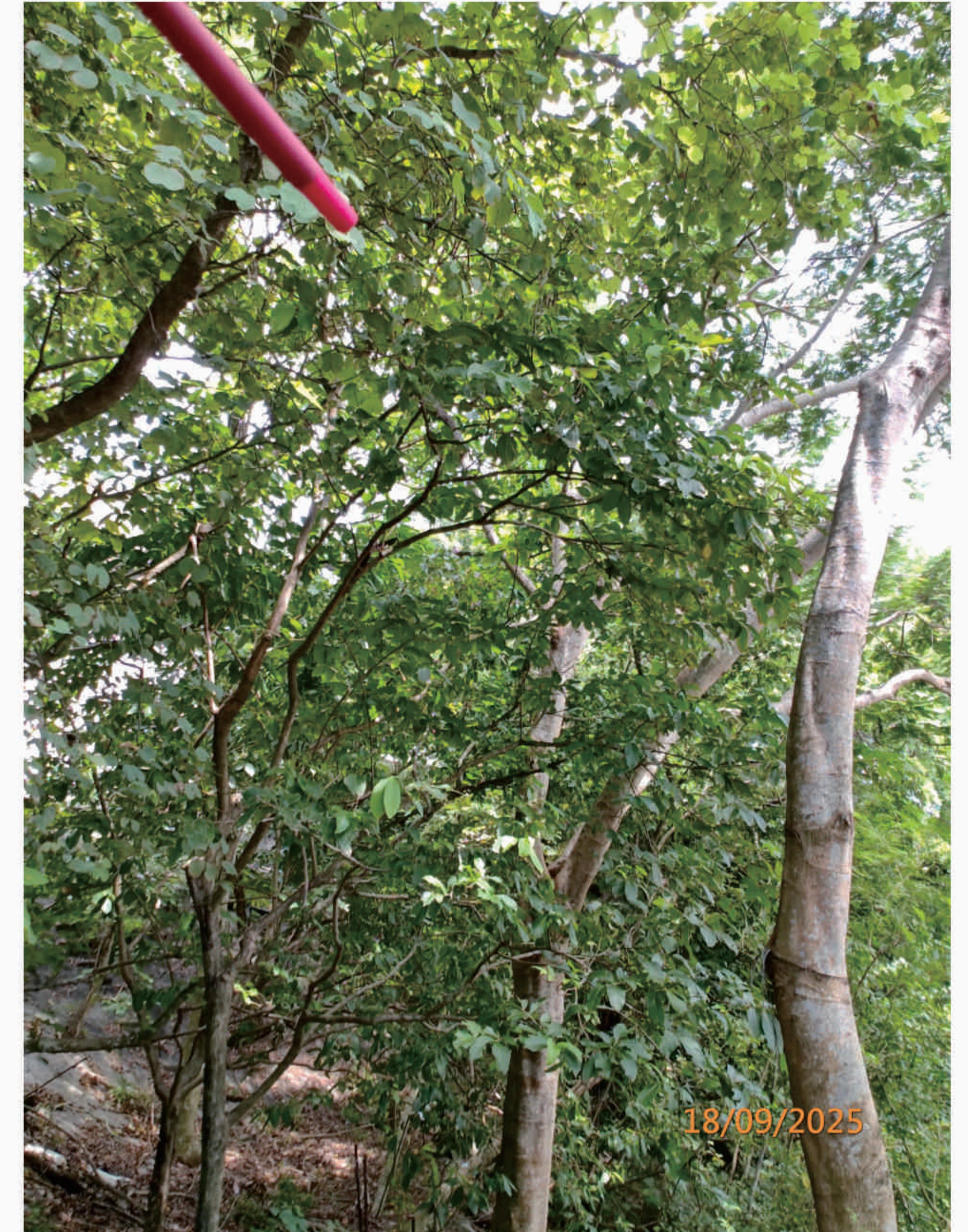
T440 - Label (F)



T440 - Overview (F)



T440 - Trunk (F)



T440 - Crown (F)



T441 - Label (F)



T441 - Overview (F)



T441 - Trunk (F)



T441 - Multiple Attachments with Included Bark (F)

LEGEND :
(R) - Retain
(F) - Fell
(T) - Transplant



T442 - Label (F)



T442 - Overview (F)



T442 - Trunk (F)



T442 - Crown (F)



T445 - Label (R)



T445 - Overview (R)



T445 - Trunk (R)

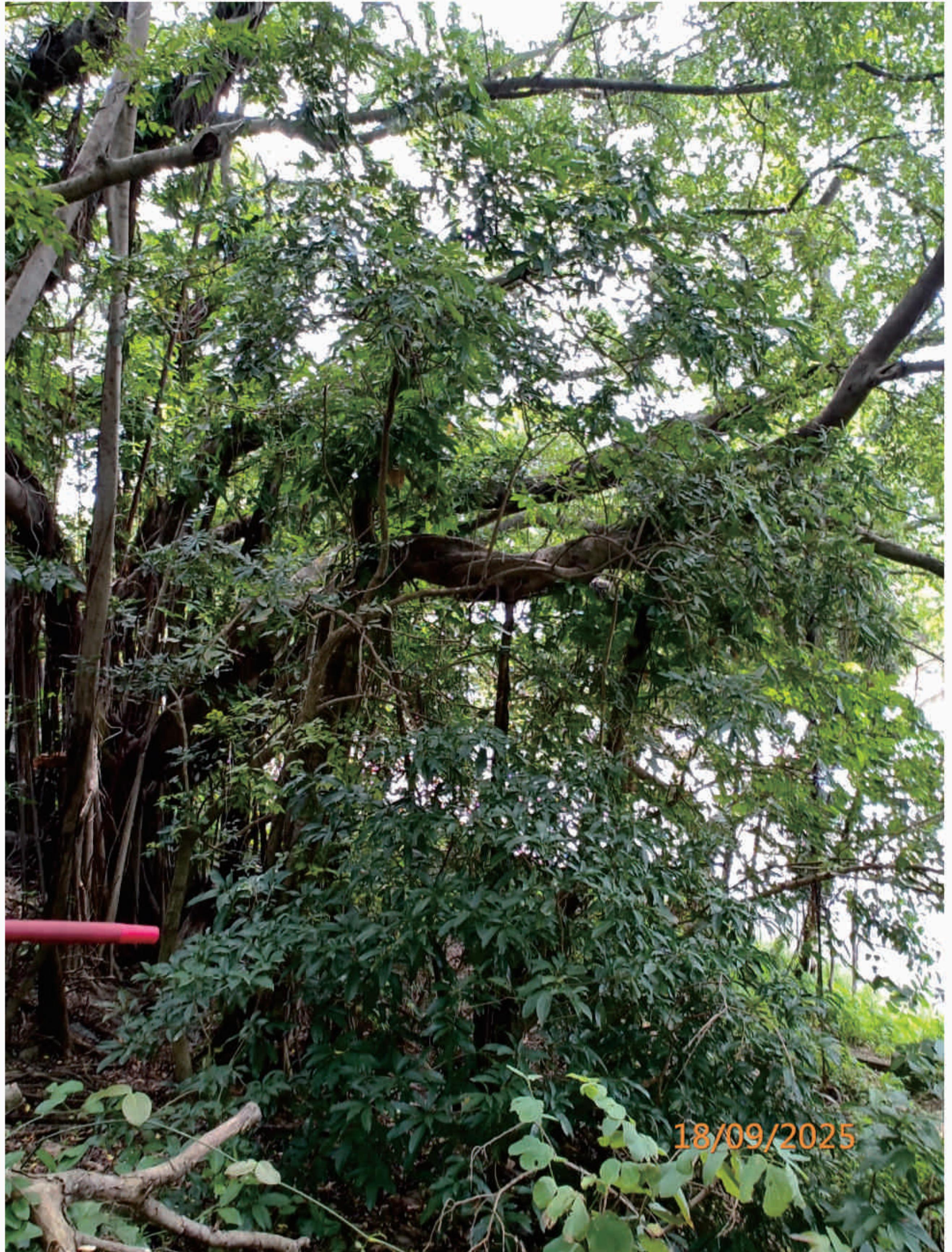


T445 - Iron Bar Embedded in Trunk (R)

LEGEND :
(R) - Retain
(F) - Fell
(T) - Transplant



T459 - Label (R)



T459 - Overview (R)



T459 - Trunk (R)



T459 - Crown (R)



T466 - Label (F)



T466 - Overview (F)



T466 - Trunk (F)



T466 - Chain Embedded in Trunk (F)

LEGEND :
(R) - Retain
(F) - Fell
(T) - Transplant



A06 - Label (F)



A06 - Overview (F)



A06 - Trunk (F)



A06 - Imbalanced Crown (F)



A07 - Label (F)



A07 - Overview (F)

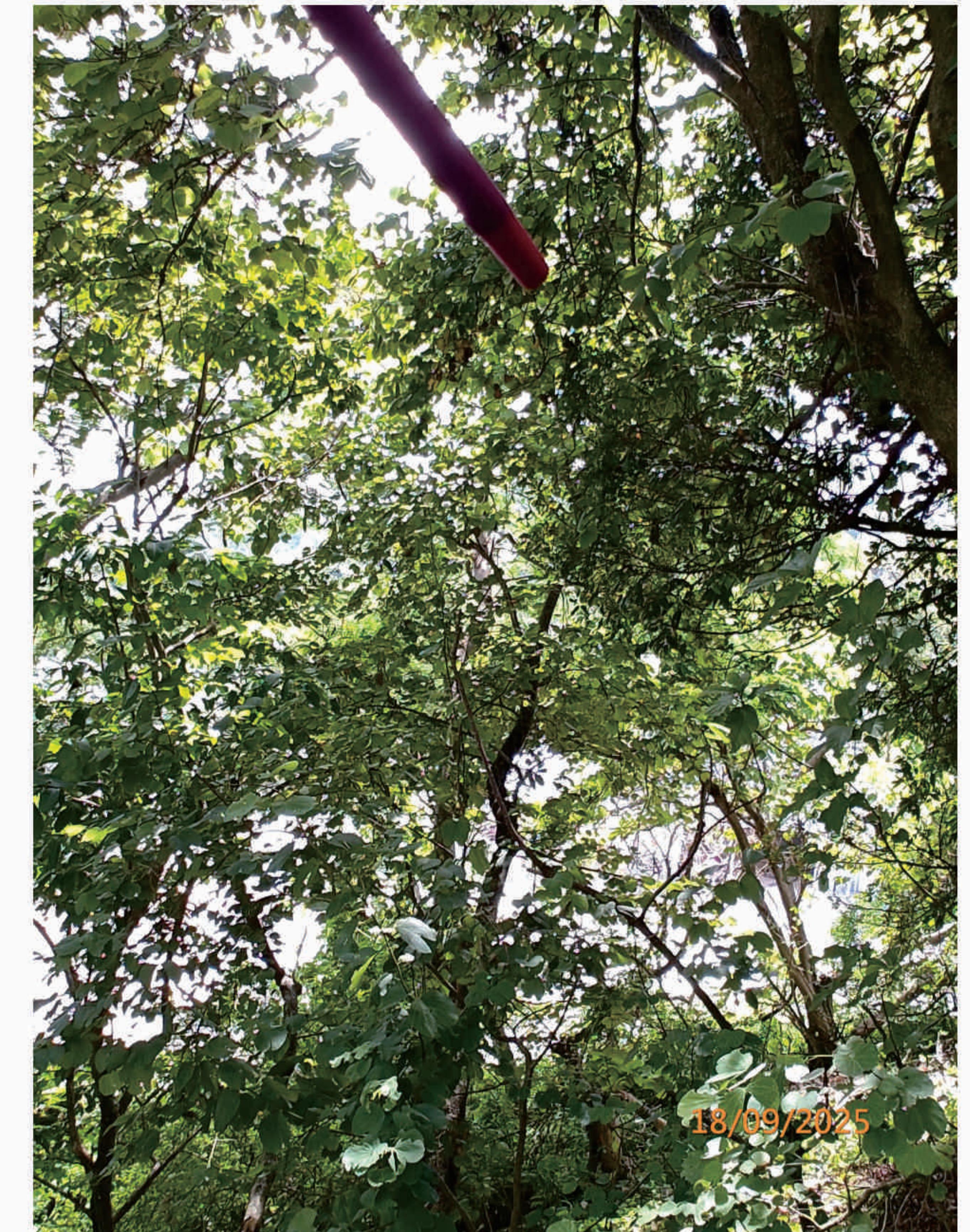
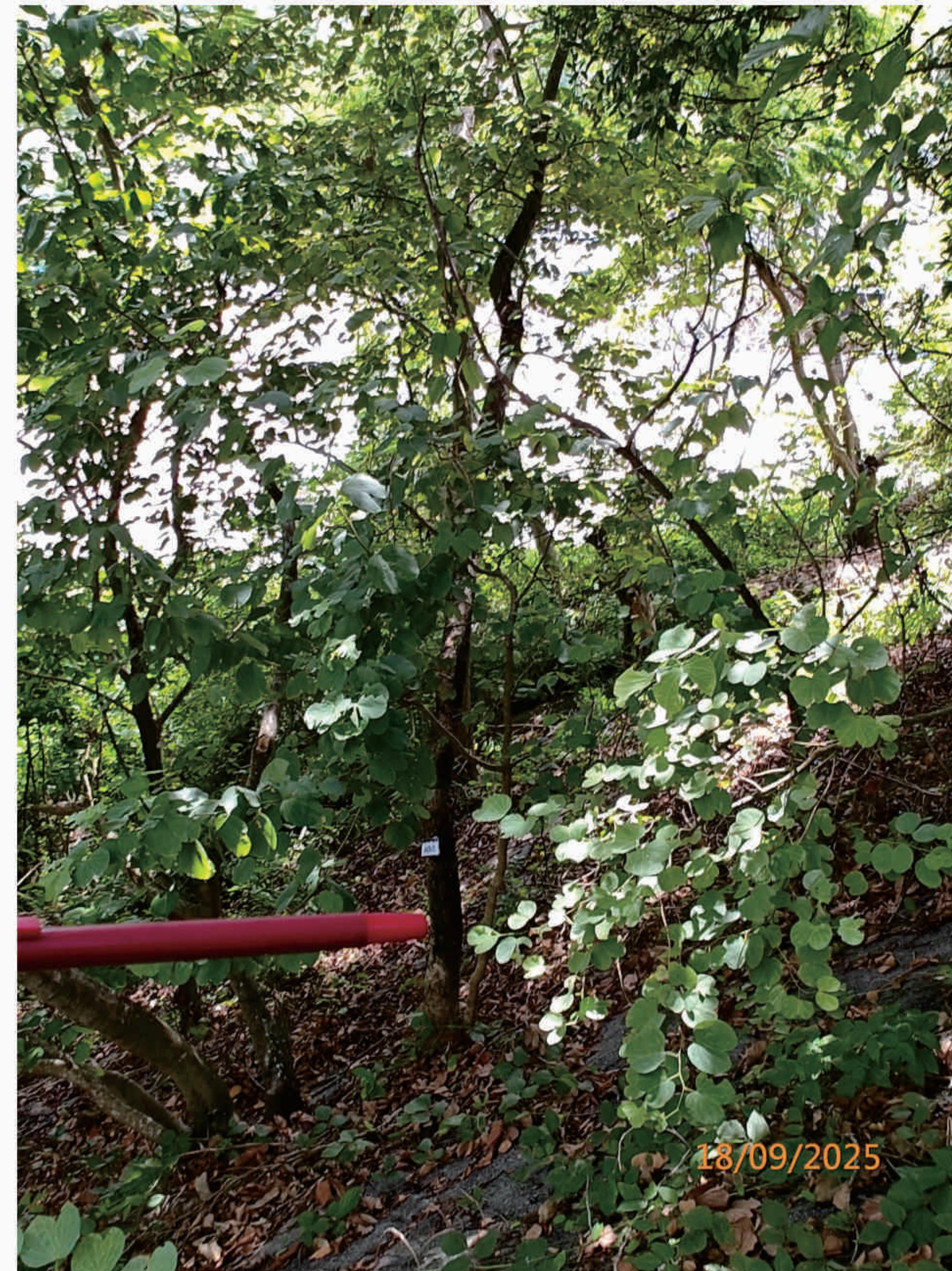


A07 - Trunk (F)



A07 - Decay in Trunk Base (F)

LEGEND :
(R) - Retain
(F) - Fell
(T) - Transplant



LEGEND :

(R) - Retain

(F) - Fell

(T) - Transplant



A11 - Label (R)



A11 - Overview (R)



A11 - Trunk (R)



A11 - Imbalanced Crown (R)



A12 - Label (R)



A12 - Overview (R)



A12 - Trunk (R)



A12

18/09/2025

A12 - Decay in Trunk (R)

LEGEND :

(R) - Retain

(F) - Fell

(T) - Transplant



A13 - Label (R)



A13 - Overview (R)



A13 - Trunk (R)



A13 - Crown

LEGEND:
(R) - Retain
(F) - Fell
(T) - Transplant

Appendix D

Tree Protection Plan

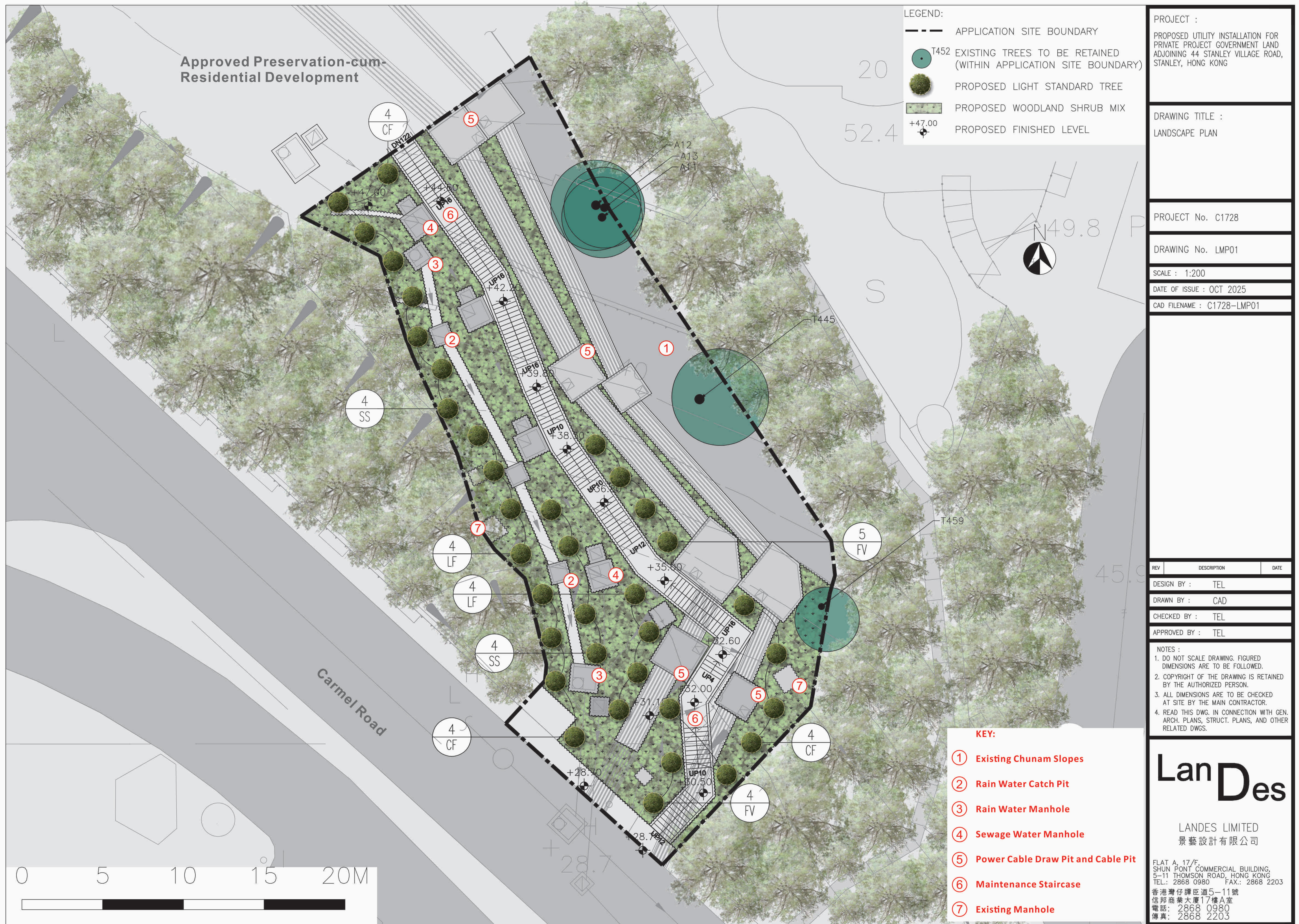


Appendix E

Landscape Plan

And

Sections





PROJECT :
PROPOSED UTILITY INSTALLATION FOR
PRIVATE PROJECT GOVERNMENT LAND
ADJOINING 44 STANLEY VILLAGE ROAD,
STANLEY, HONG KONG

DRAWING TITLE :
LANDSCAPE SECTION
(SHEET 1 OF 2)

PROJECT No. C1728

DRAWING No. LD101

SCALE : 1:75

DATE OF ISSUE : OCT 2025

CAD FILENAME : C1728-LD101

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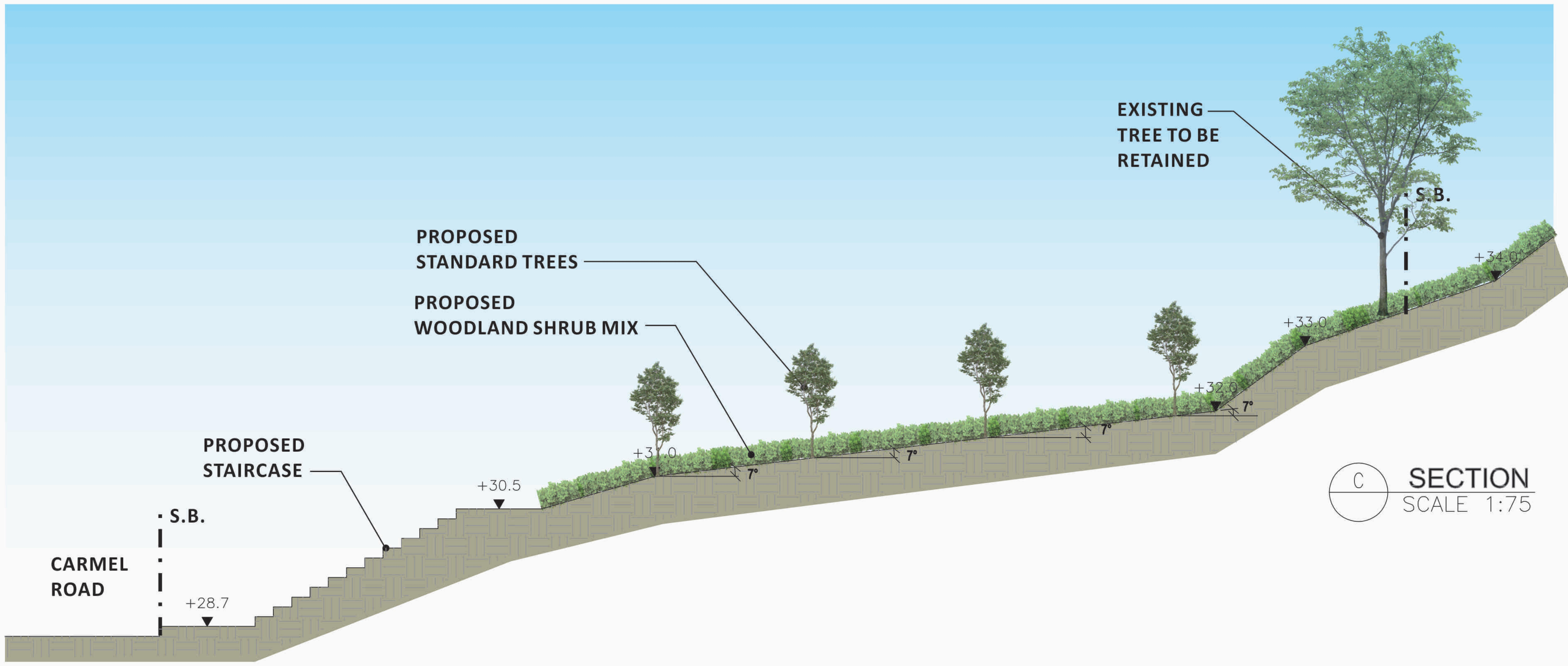
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