

The EIAO Register Office
Environmental Protection Department
27/F, Southorn Centre,
130 Hennessy Road,
Wan Chai, Hong Kong

Your ref :

Our ref: C747-COR-ENVM-ENV-013128

Attn: Mr. Steve Li

4 February, 2015

BY HAND

Dear Sir,

**West Island Line (WIL)
Environmental Permit No. EP-313/2008/J
Condition 4.2.2**

Referred to the WIL EP condition 4.2.2, this submission is the Audit Report on the implementation of the recommendations in the Tree Protection Plan and detailed landscape as-built drawings for deposit. This submission is part 2 of the Audit Report, which covers the compensation planting for works areas in Kennedy Town. Due to the compensatory trees planting schedules vary in each location (along the WIL sites), audit inspections will be conducted upon the availability of each site; and Audit Reports will be submitted accordingly.

Enclosed include six hard copies and one soft copy of the Audit Report. The enclosed document has certified by the ETL prior to IEC's verification.

Yours sincerely,



Richard Kwan
Environment Manager

Encls.

c.c. EPD - Attn: Mr. Felix Tai (by fax: 2591-0558)

RK/FW/RI/bl

MTR Corporation Limited

West Island Line Project

Audit Report – part 2
(works areas in Kennedy Town)

Verified by:  _____


Position: Independent Environmental Checker

Date: 2/2/2015

MTR Corporation Limited

West Island Line Project

Audit Report – part 2
(works areas in Kennedy Town)

Certified by:  _____

Position: Environmental Team Leader

Date: - 2 FEB 2015

West Island Line
Consultancy Agreement No. C735F
Arborist for Tree Protection

**Audit Report for the Compensatory Trees and
Retained Trees of Kennedy Town Station
(Rev 2)**




Prepared by:	Reviewed by:	Approved by:
Patty Chu	Rachel Siu	Mike Leung
		
Date: 27 Jan 2015	Date : 27 Jan 2015	Date: 27 Jan 2015

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Appendix B – Photographic Record of the Compensatory during Inspection

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1 Introduction

Muni Arborist Ltd (MAL) was commissioned by MTR Corporation Ltd (MTRCL) to conduct audit inspections and to prepare the Audit Report, as required by the Environmental Permit No. EP-313/2008/J. The Audit Report is to present findings of tree audit inspections for the implementation of recommendations in the Tree Protection Plan (TPP), which was submitted under the EP Condition 2.7.

As the program of completing the construction works and landscaping works (as well as compensatory trees planting) vary in different locations, audit inspections will be carried out in different time period when the landscaping works are completed. This report is Part 2 of the Audit Report; it presents the findings of the audit inspection for the retained trees and 138 nos. of compensatory trees for the Kennedy Town Station (KET). The audit inspections were conducted on 13 November and 11 December 2014. Implementation on tree protection works and new trees planting for other WIL sites (i.e. sites in Sai Ying Pun and HKU) will be presented in other parts of the Audit Report.

2 Tree Audit and Findings

2.1 Compensatory Trees for Kennedy Town Station

Audit inspections were carried on 13 November and 11 December 2014. Among 138 nos. of compensatory trees for KET, 125 nos. of them were inspected.

The species of the trees planted in KET area are as follows:

Type	Name	Chinese Name	No.
Tree	<i>Albizia lebeck</i>	大葉合歡	10
Tree	<i>Bischofia javanica</i>	秋楓	8
Tree	<i>Cinnamomum burmannii</i>	陰香	1
Tree	<i>Elaeocarpus apiculatus</i>	尖葉杜英	2
Tree	<i>Ficus microcarpa</i>	細葉榕	2
Tree	<i>Garcinia subelliptica</i>	菲島福木	3
Tree	<i>Ilex rotunda</i>	鐵冬青	6
Tree	<i>Lagerstroemia speciosa</i>	大花紫薇	16
Tree	<i>Magnolia grandiflora</i>	荷花玉蘭	5
Tree	<i>Michelia x alba</i> – 50mm	白蘭	10
Tree	<i>Michelia x alba</i> – 90mm	白蘭	1
Tree	<i>Nageia nagi</i>	竹柏	25
Tree	<i>Pongamia pinnata</i>	水黃皮	4
Tree	<i>Syzygium jambos</i>	蒲桃	9
Tree	<i>Viburnum odoratissimum</i>	珊瑚樹	7
Tree	<i>Dyopsis lutescens</i>	散尾葵	16

The species of the trees to be planted in Sheung Wan area are as follows:

Type	Name	Chinese Name	No.
Tree	<i>Bauhinia x blakeana</i>	洋紫荊	2
Tree	<i>Elaeocarpus apiculatus</i>	尖葉杜英	3
Tree	<i>Lagerstroemia speciosa</i>	大花紫薇	2
Tree	<i>Nageia nagi</i>	竹柏	4
Tree	<i>Syzygium jambos</i>	蒲桃	2

After numerous rounds of discussion with the maintenance party (i.e. Leisure and Cultural Services Department, LCSD), the final tree species and tree sizes are slightly different from the TPP (Rev F Part 1). And among these 138 compensatory trees, the planting locations of 13 trees (Tree IDs: T47-T48, T92-T97, T132-134, T137-138) vary from the compensatory planting proposal in the TPP (Rev F Part 1). These 13 trees will be planted in Sheung Wan as agreed with the LCSD. All these variations have been reflected in the Tree Removal Application (TRA), and the complete version of TPP Rev F. Records of the planting of the 13 trees in Sheung Wan and the as-built drawing will be provided as supplementary information when available.

The 125 nos. of planted trees have been handed over to the LCSD. Appendix A is the landscape as-built drawings of the compensatory trees for KET, and Appendix B shows the photographic record of the trees during inspection.

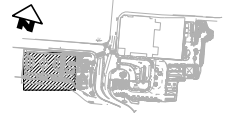
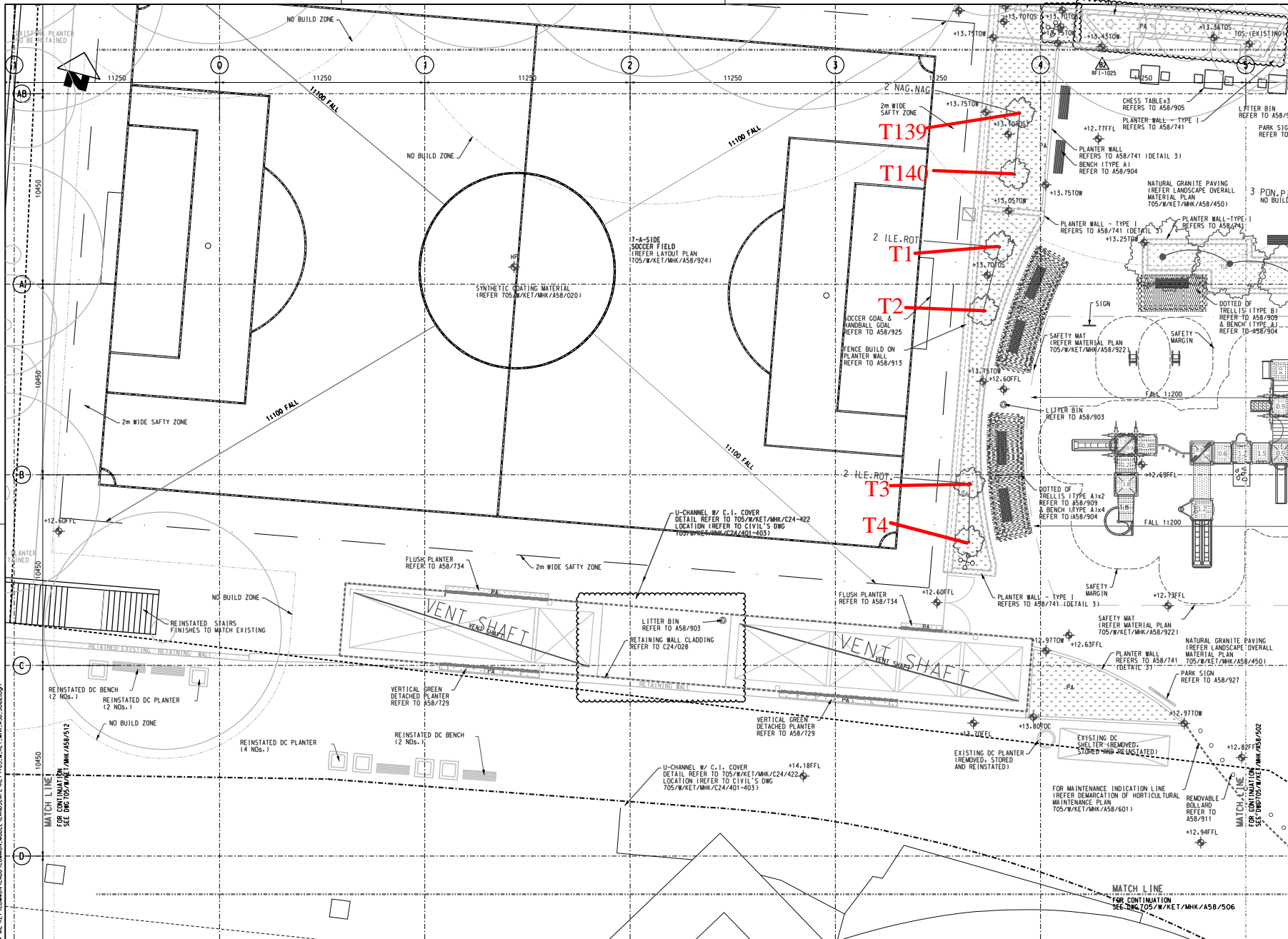
2.2 Recommendations of Tree Protection Plan (TPP) for Retained Trees

Tree inspections were conducted regularly during the construction period, for monitoring the implementation on tree protective measures, and for inspecting tree conditions. The recommendations in the TPP (Rev F Part 1) for protecting the retained trees, especially for the wall trees on Forbes Street were well implemented during construction. Appendix C is the photographic record of tree protection during construction period. Appendix D presents the condition of retained trees during inspection.

3 Conclusion

This tree audit for the implementation of the recommendations in the TPP for KET concludes that: 1) the tree protective measures recommended in the TPP for retained trees were well implemented, and 2) among the 138 compensatory trees, 13 trees will be planted in Sheung Wan as agreed with the maintenance party, and the slight difference in the other 125 trees from the TPP (Rev F Part 1) has been addressed in the TRA and the TPP Rev F.

Appendix A – Landscape As-built Drawing for the Compensatory Trees of Kennedy Town Station



- KEY PLAN**
- LEGEND :**
- DEMARCATION LINE
 - PA PLANTING AREA
 - PROPOSED TREE
 - BENCH
 - REMOVAL BOLLARD
 - ⊙ LITTER BIN
 - CHESS TABLE
 - PARK SIGN
 - ▨ TRELLIS



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B	GENERAL REVISION	CKM	15JAN13	JS		
A	WORKING DRAWING	VF	16DEC09	JS		

DRAWN	BT
DESIGNED	AW
CHECKED	VF
APPROVED	JS
DATE	16JUN09

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WEST ISLAND LINE

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ORIGINATOR

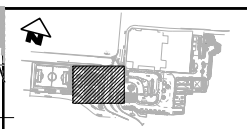
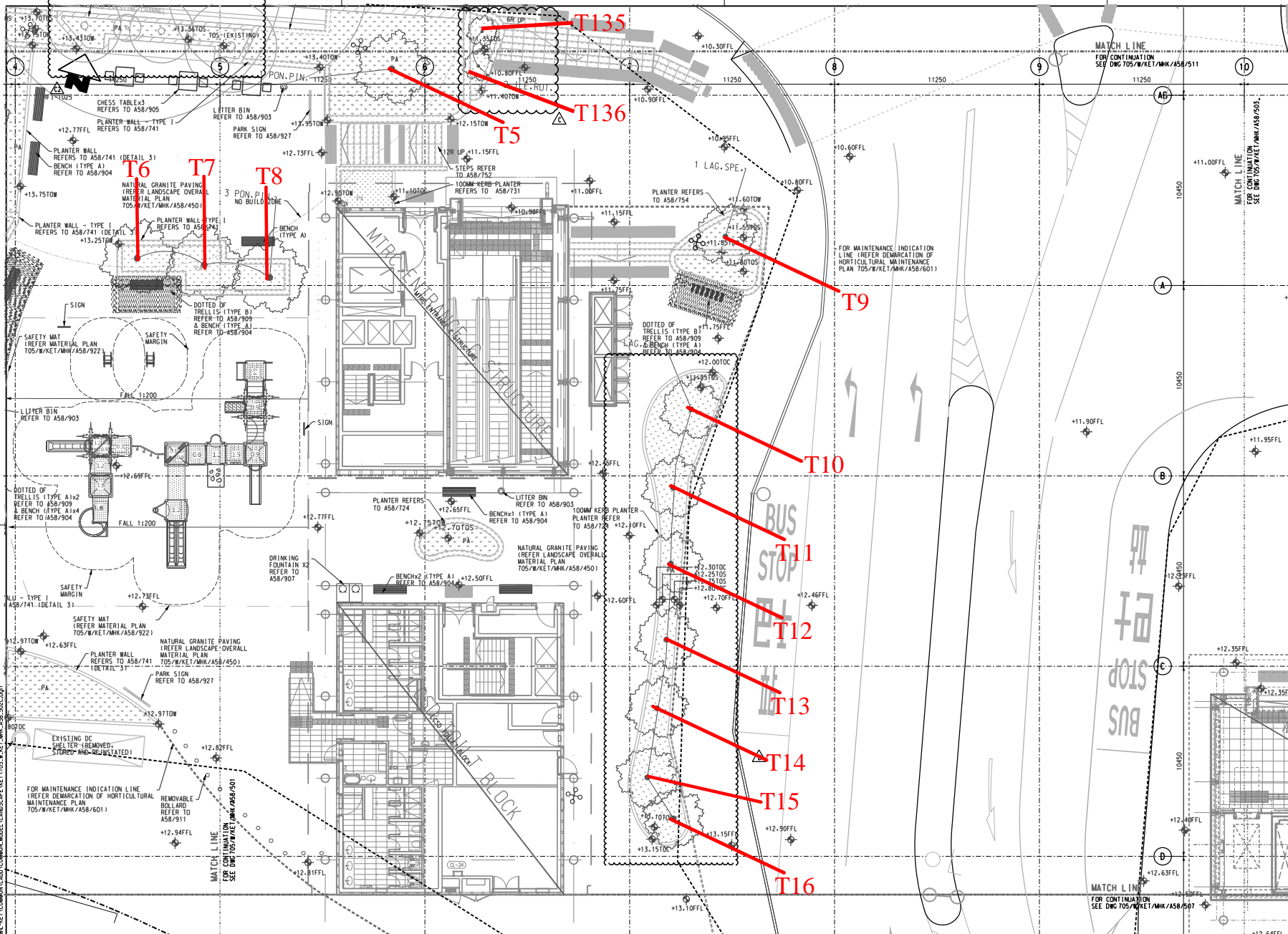
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TITLE CONTRACT 705
 KENNEDY TOWN STATION
 TREE PLANTING PLAN
 (SHEET 1 OF 12)

SCALE 1 : 100 @ A1

DRAWING NO. 705/W/KET/MHK/A58/501

REV. B2



KEY PLAN

LEGEND :

- DEMARCATION LINE
- PA PLANTING AREA
- PROPOSED TREE
- BENCH
- ⊗ IRRIGATION POINT
- REMOVAL BOLLARD
- ⊙ LITTER BIN
- CHESS TABLE
- PARK SIGN
- ▨ TRELLIS



PLOT DATE: 17/07/2008
 MODEL: A58/502B
 CLIENT: MTR CORPORATION LIMITED
 PROJECT: WEST ISLAND LINE
 DRAWING: TREE PLANTING PLAN
 SHEET: 2 OF 12

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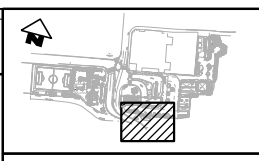
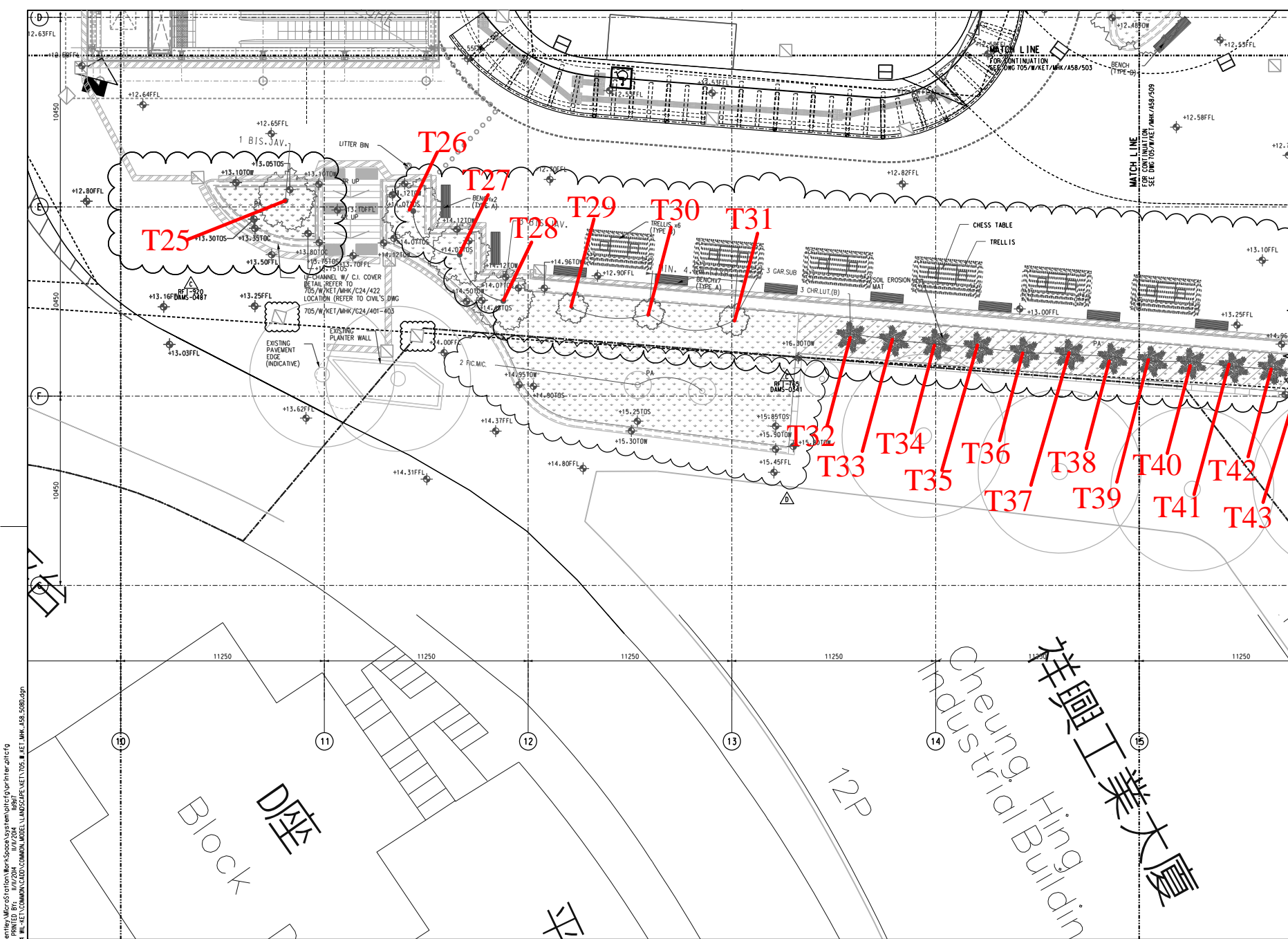
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- LEGEND :**
- GAZETTE BOUNDARY
 - DEMARCATION LINE
 - PA PLANTING AREA
 - EXISTING TREE
 - PROPOSED TREE
 - ★ PALM TREE
 - LITTER BIN
 - BENCH
 - ▨ TRELLIS
 - CHESS TABLE
 - ▨ PROPOSED EMERGENCY CRASH GATE



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Cheung Hing Industrial Building
 祥興工業大廈

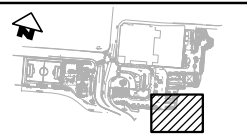
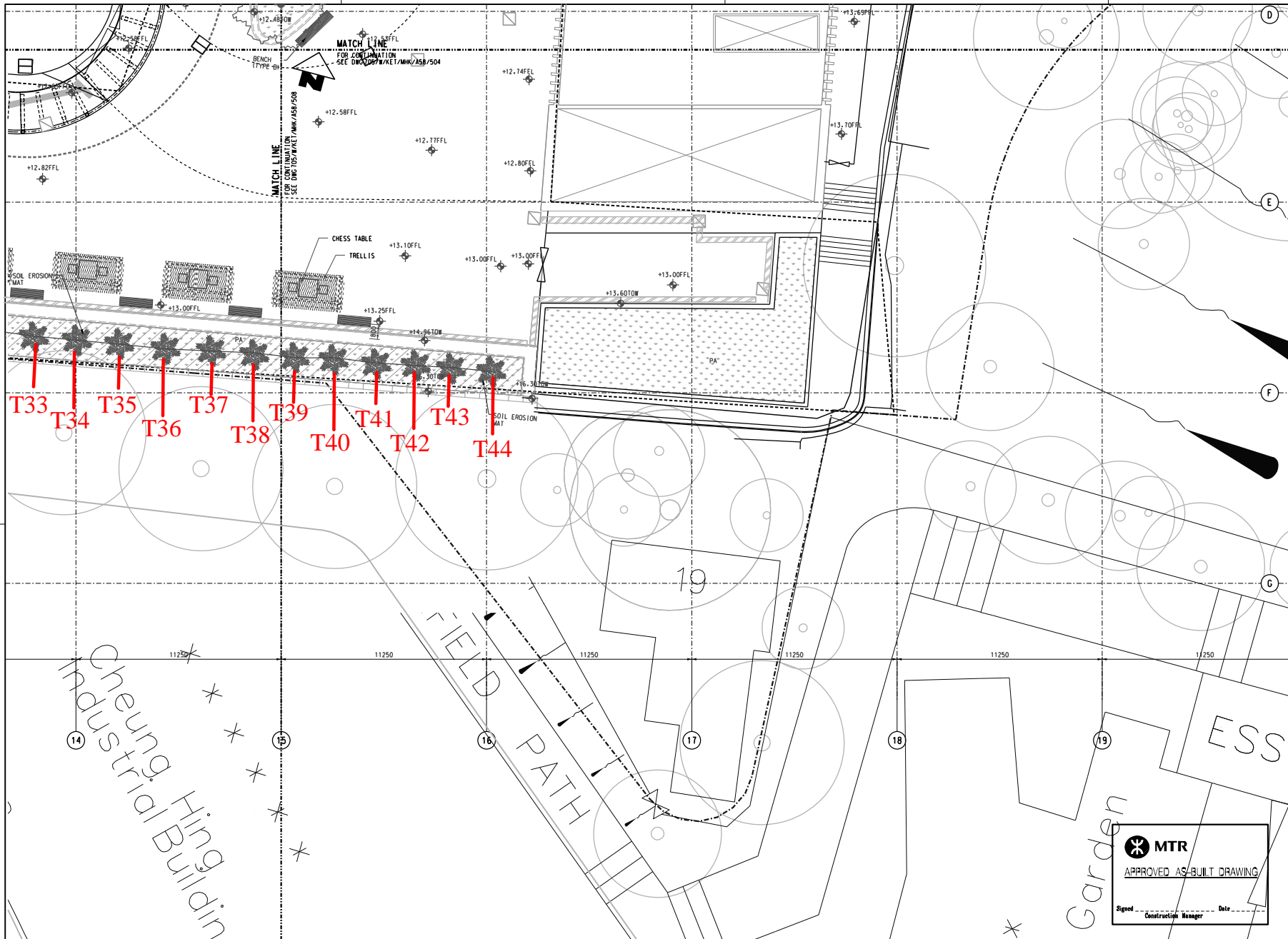
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SCALE 1 : 100 @ A1	DRAWING NO. 705/W/KET/MHK/A58/508
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- LEGEND :**
- GAZETTE BOUNDARY
 - DEMARCATION LINE
 - PA PLANTING AREA
 - EXISTING TREE
 - PROPOSED TREE
 - ★ PALM TREE
 - BENCH
 - ▨ TRELLIS
 - CHESS TABLE
 - ⚡ PROPOSED EMERGENCY CRASH GATE

Cheung Hing Industrial Building

FIELD PATH

Garden

MTR
 APPROVED AS-BUILT DRAWING
 Signed _____ Date _____
 Construction Manager



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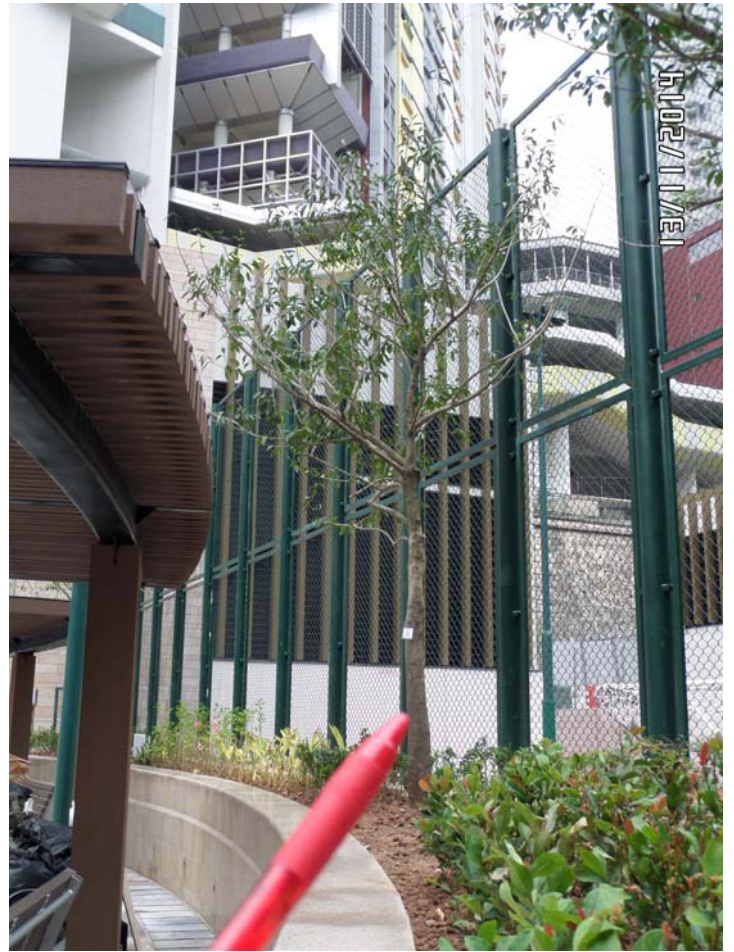
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Appendix B – Photographic Record of Compensatory Trees during Inspection



T1



T2



T3



T4



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T6



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T8



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T12



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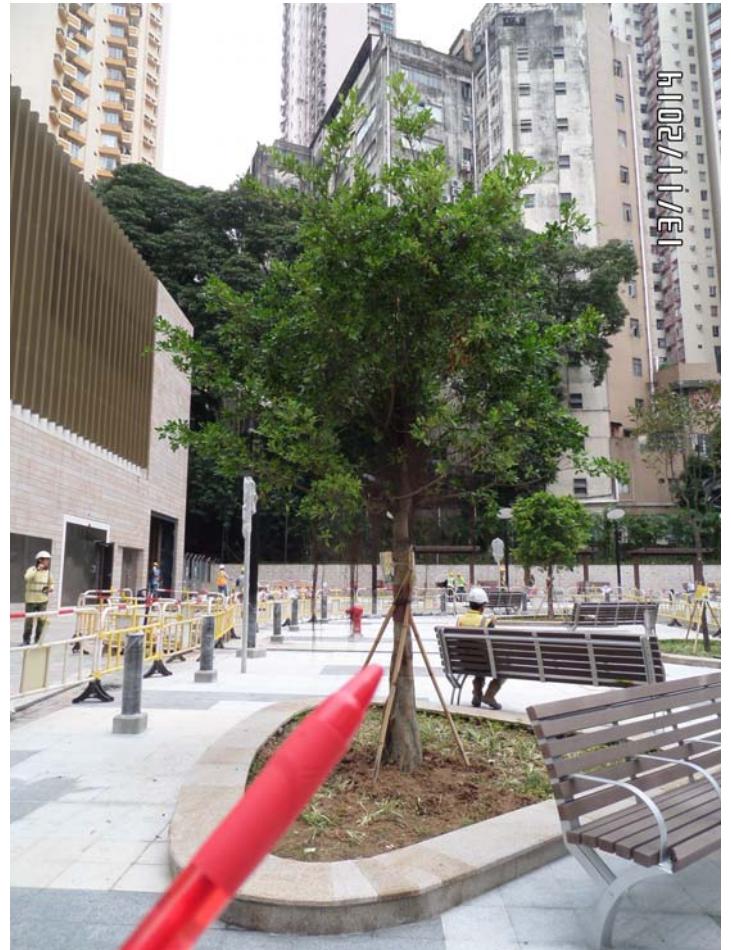
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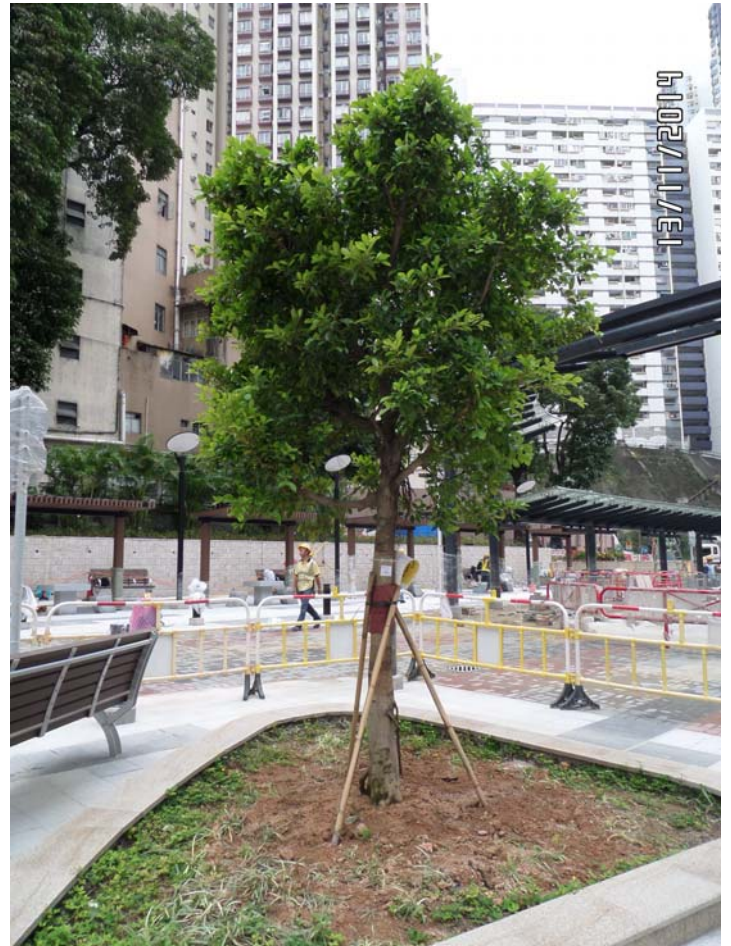
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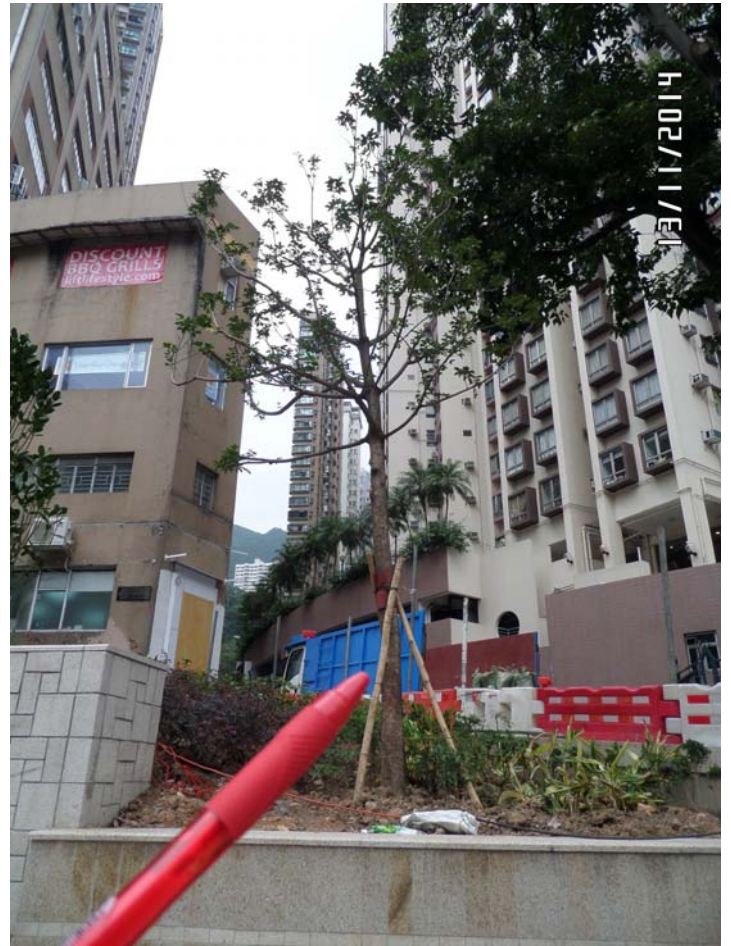
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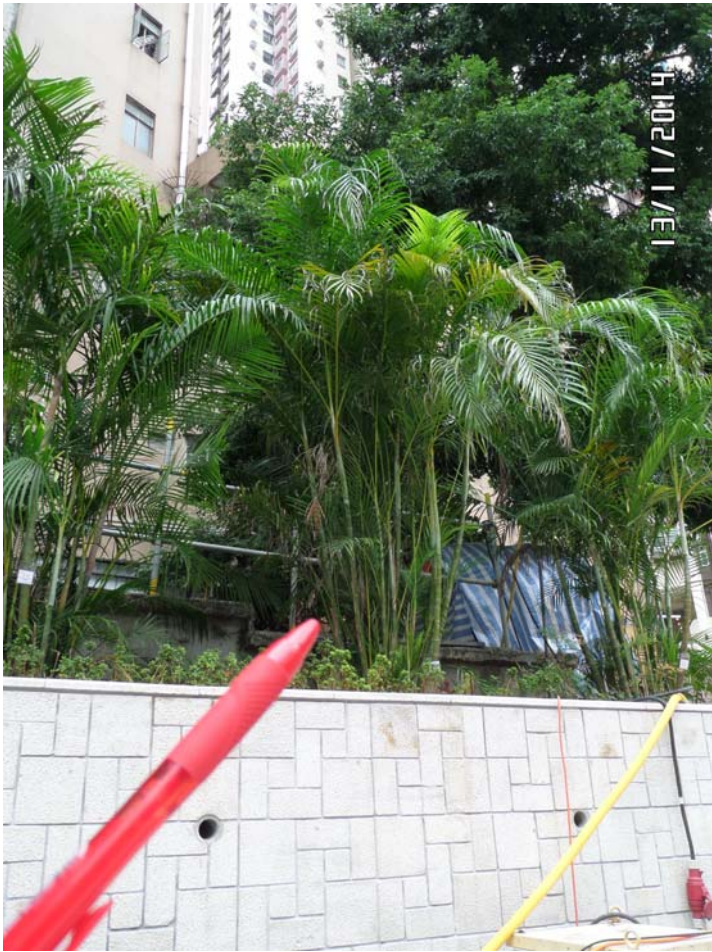
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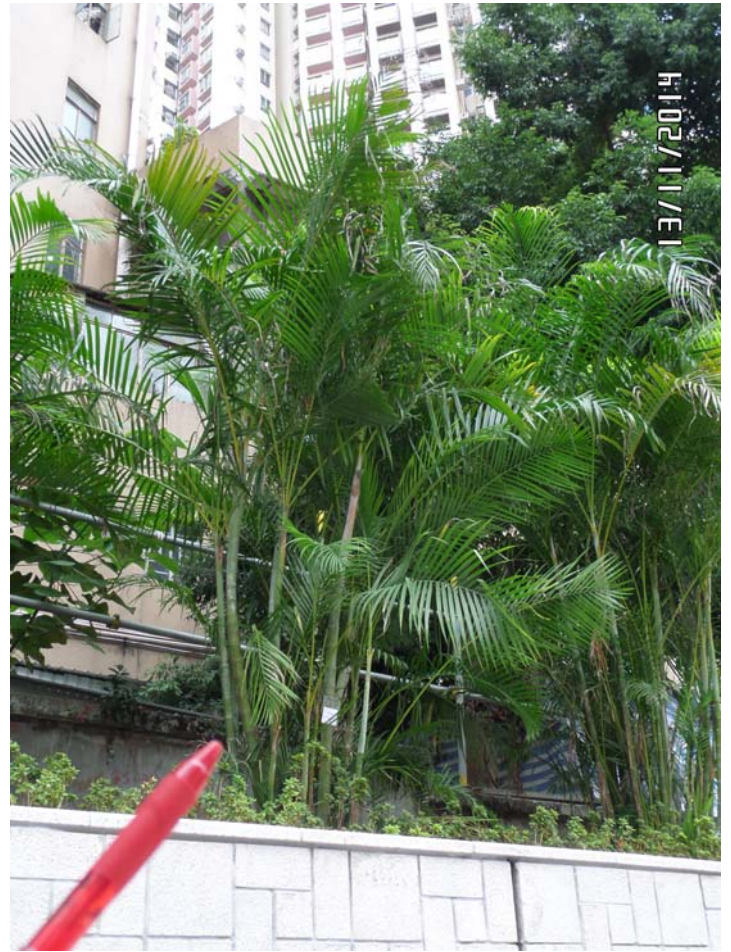
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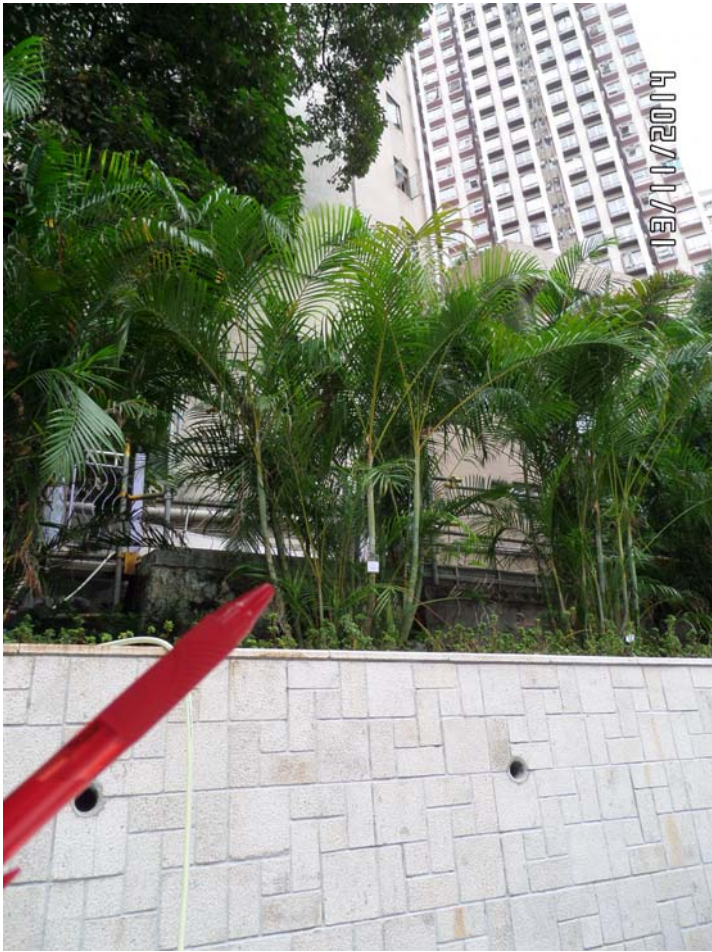
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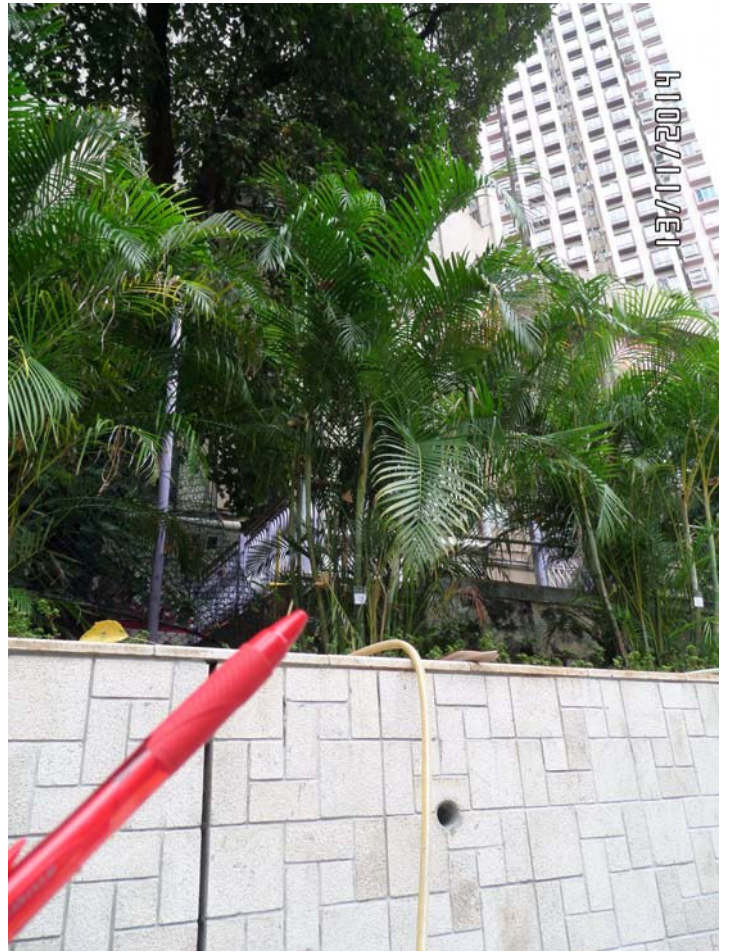
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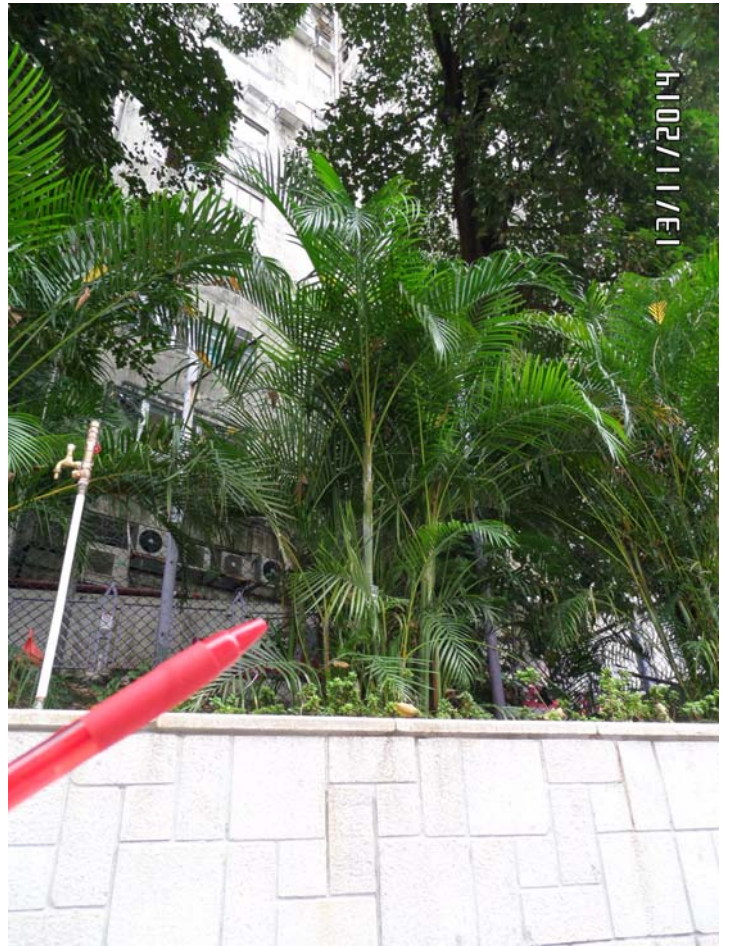
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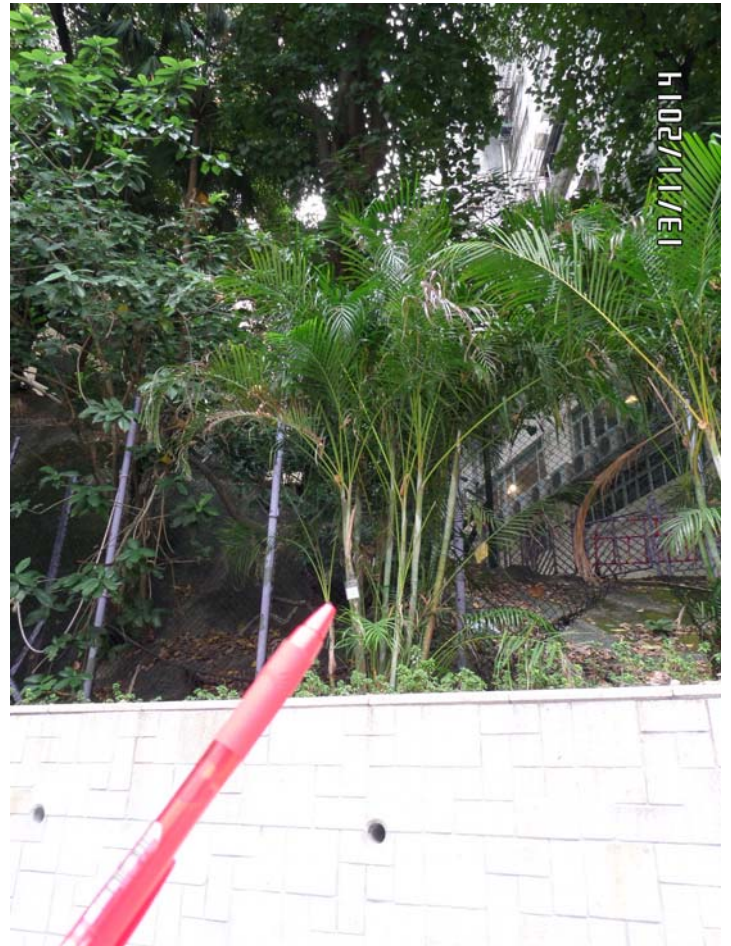
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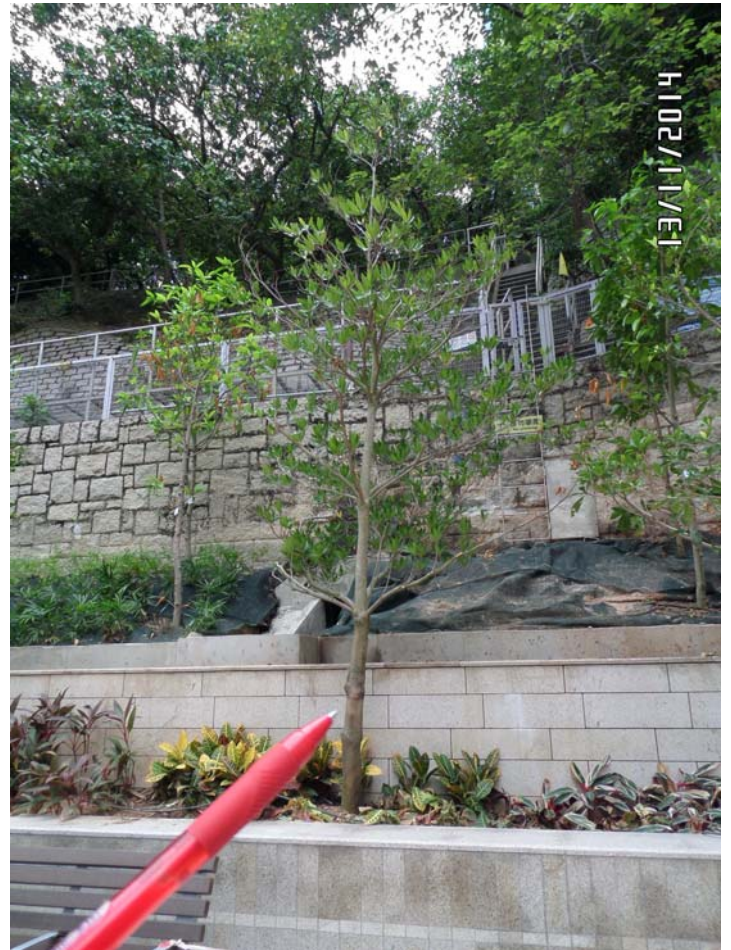
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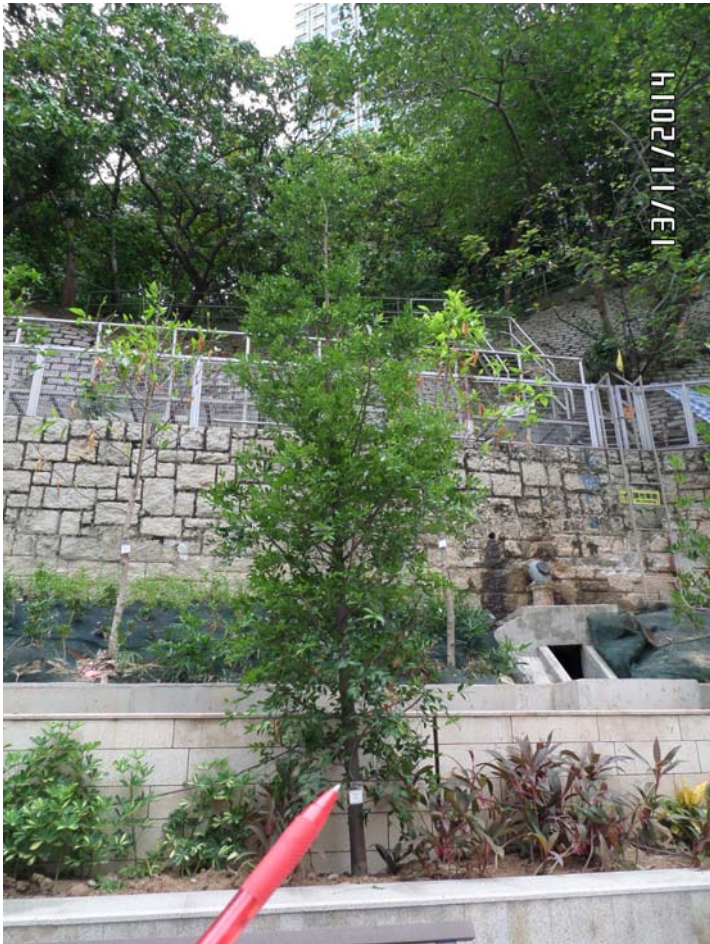
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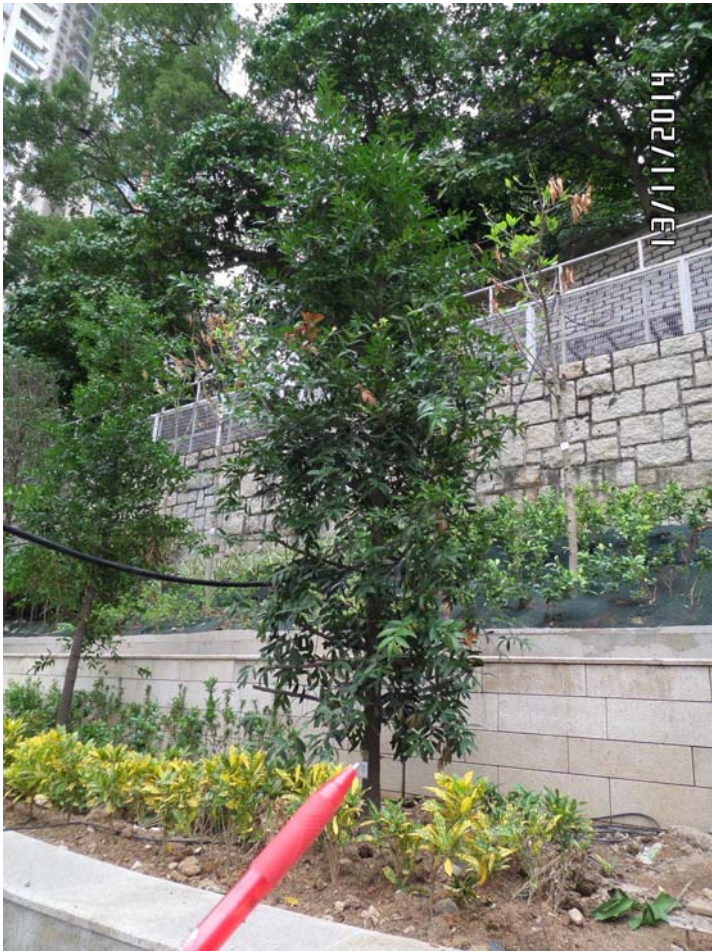
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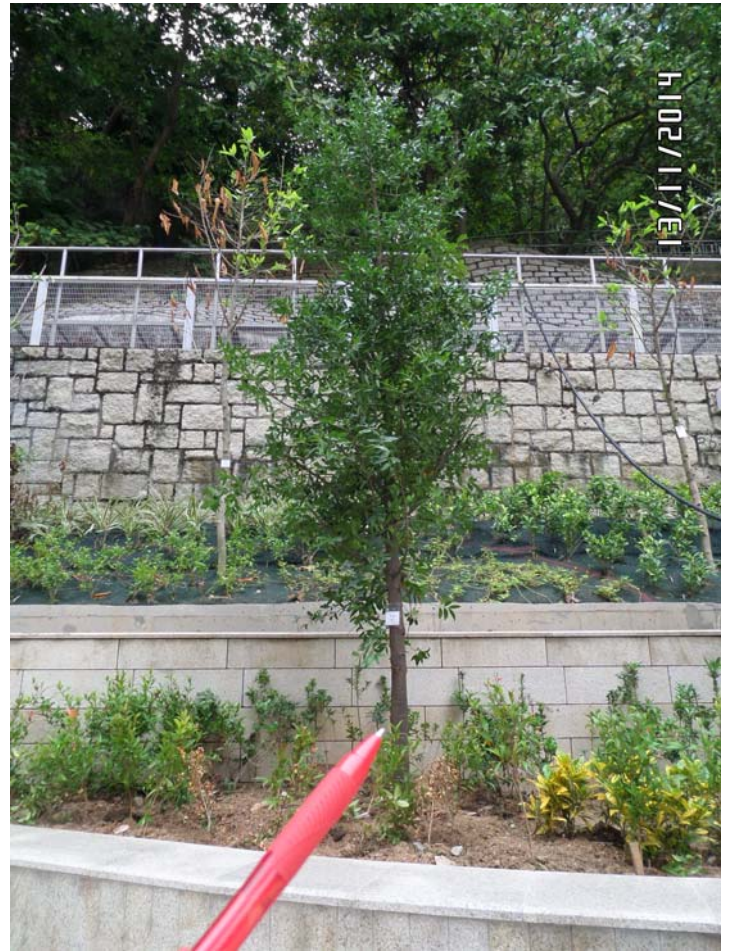
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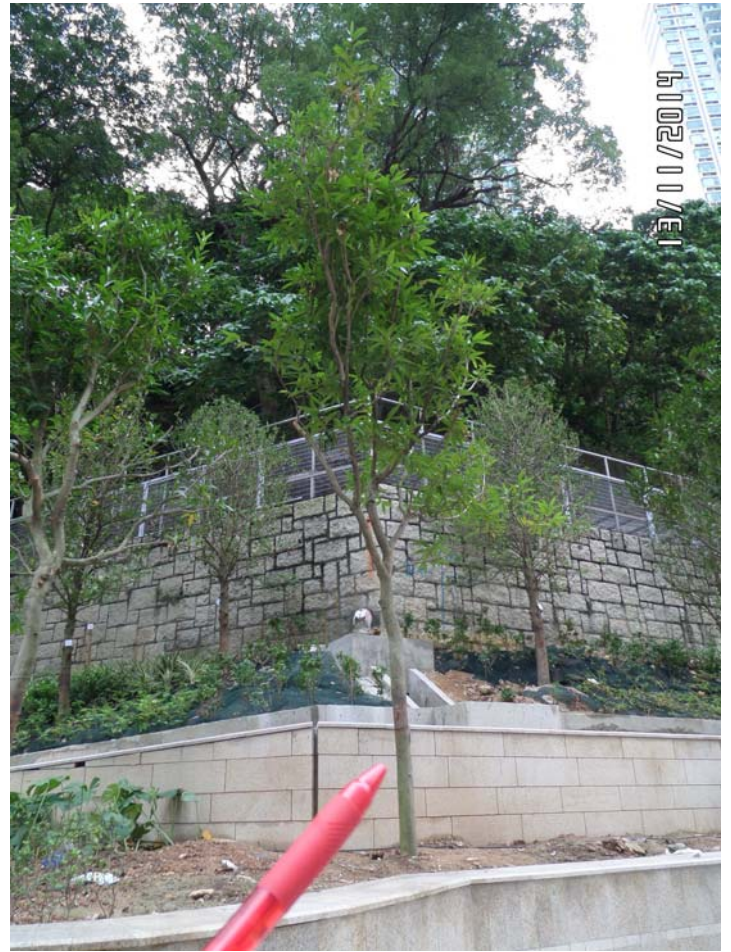
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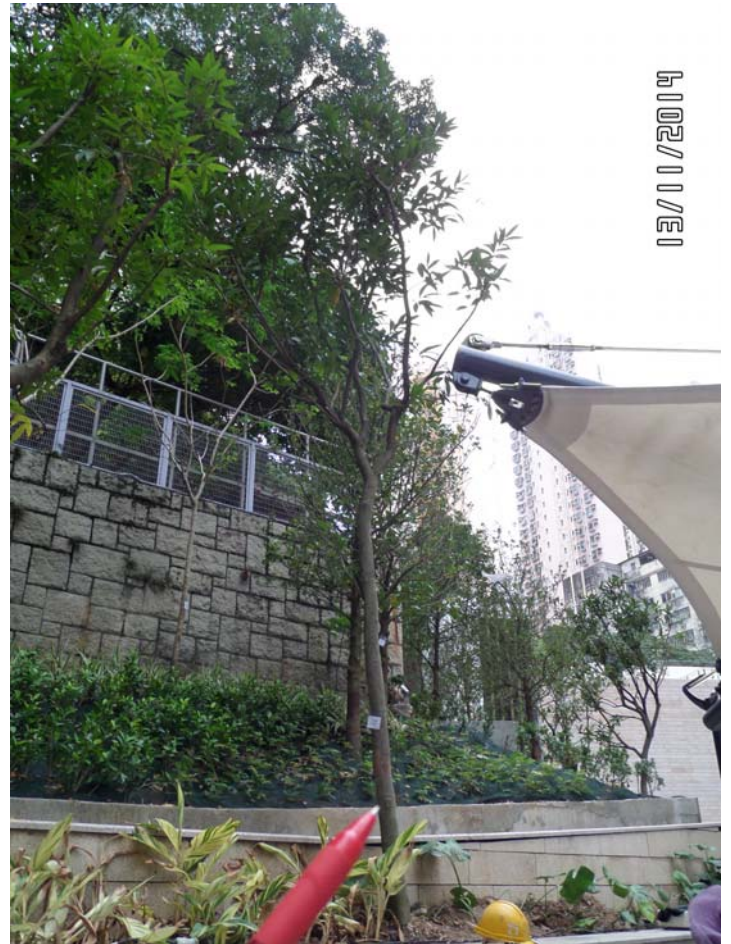
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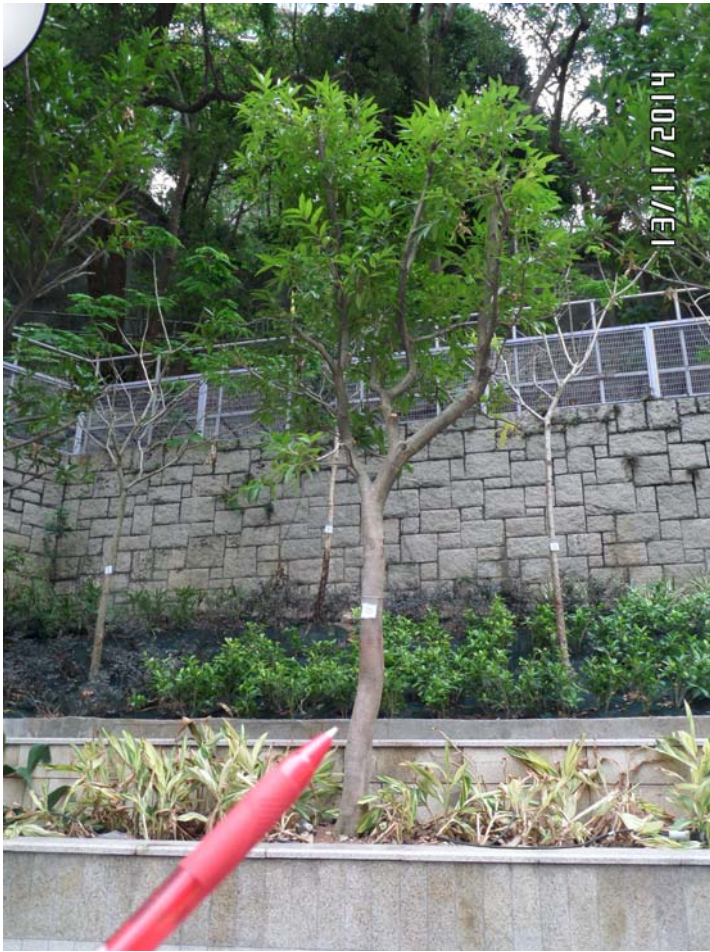
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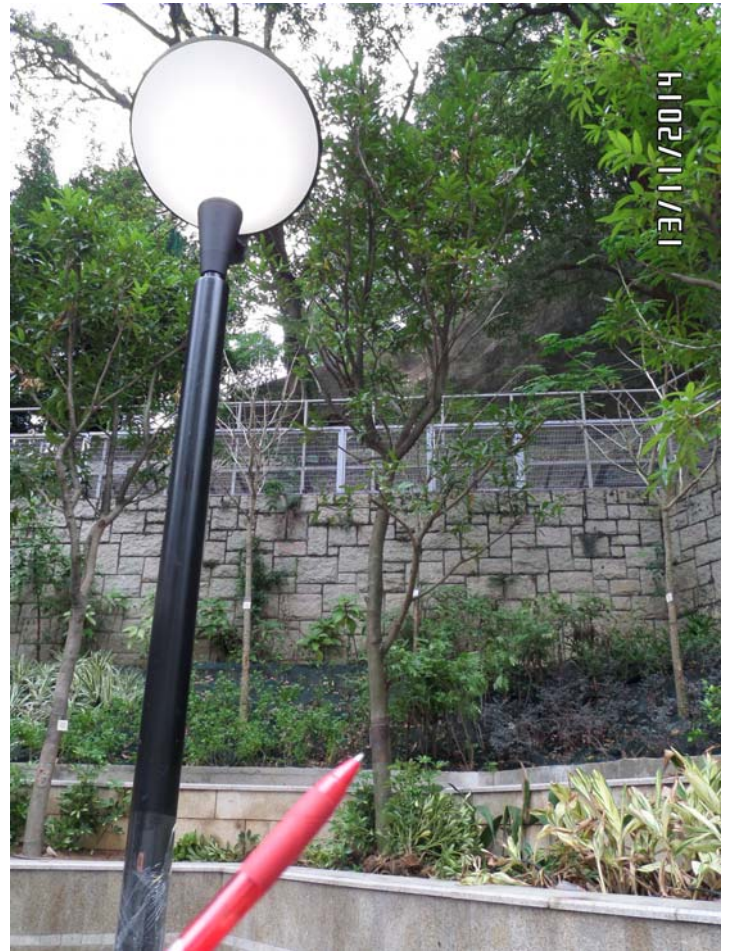
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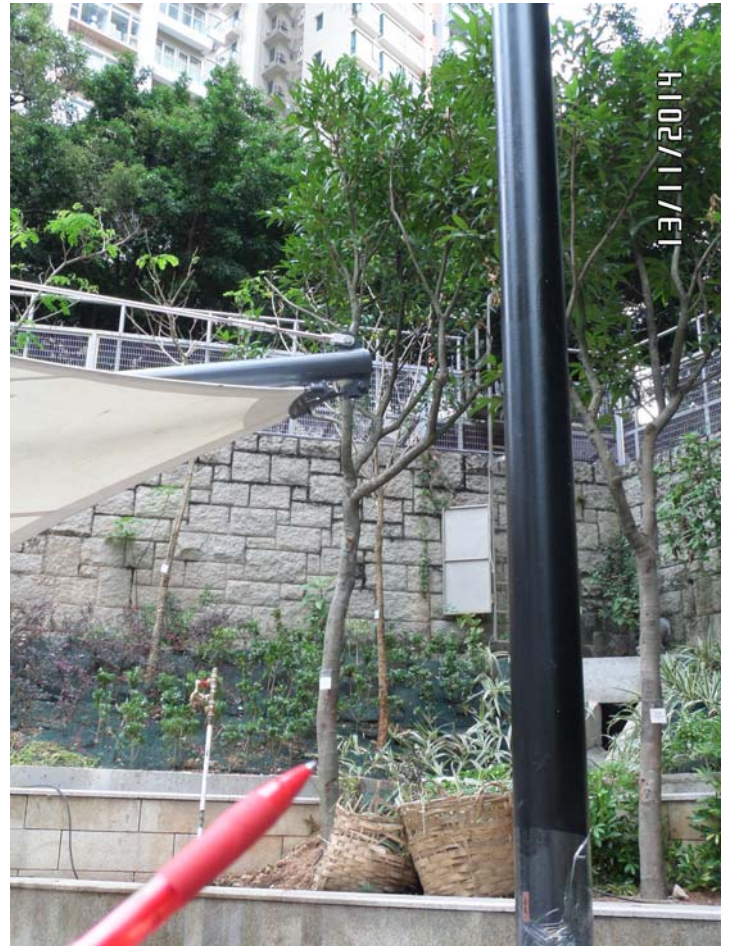
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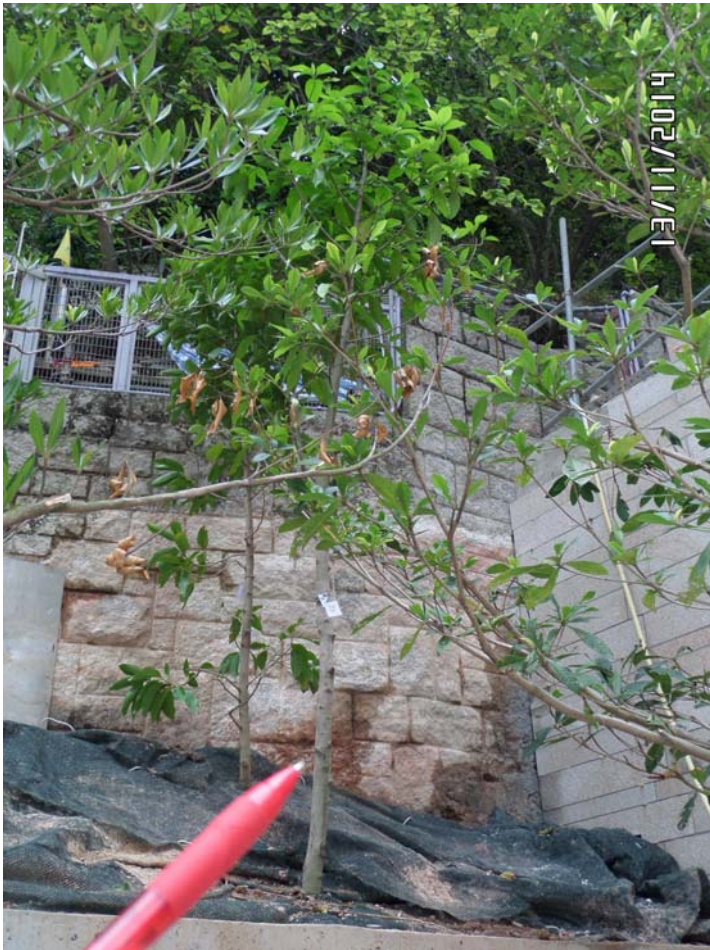
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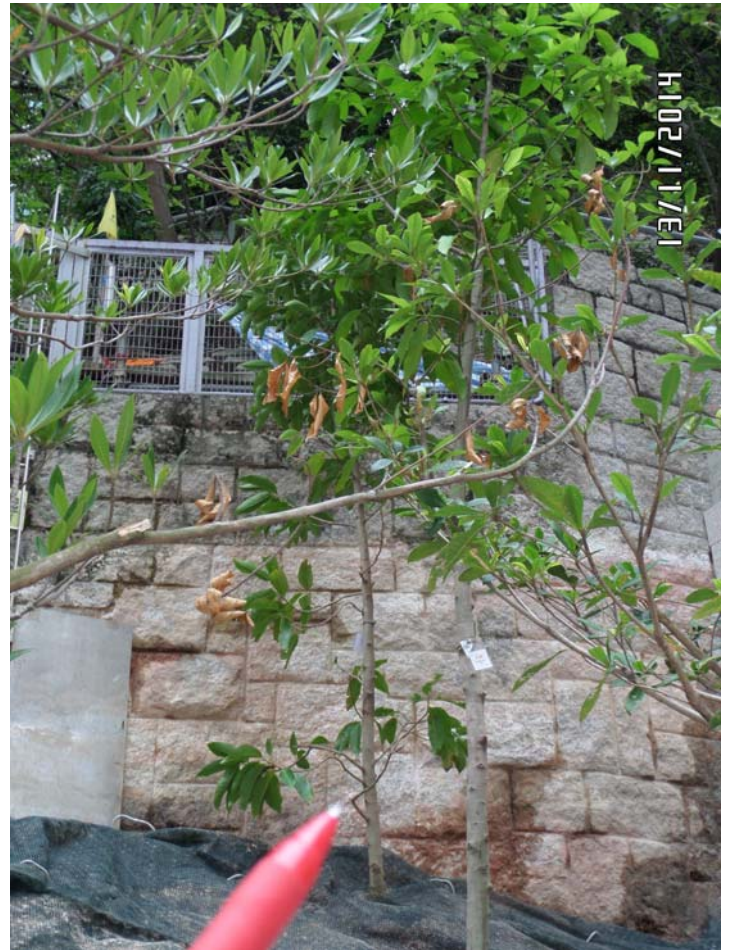
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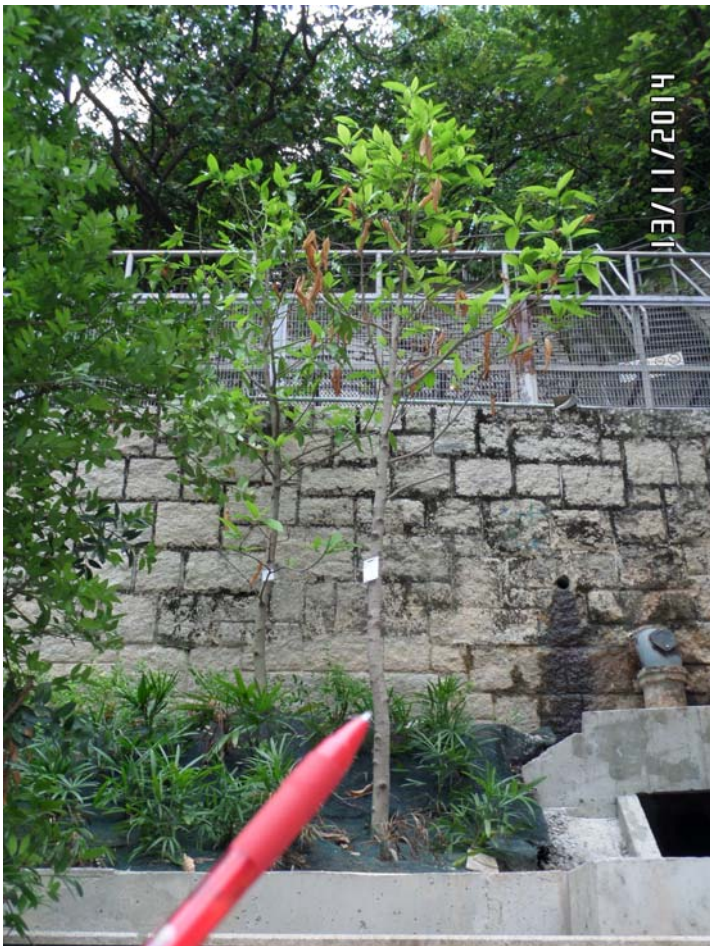
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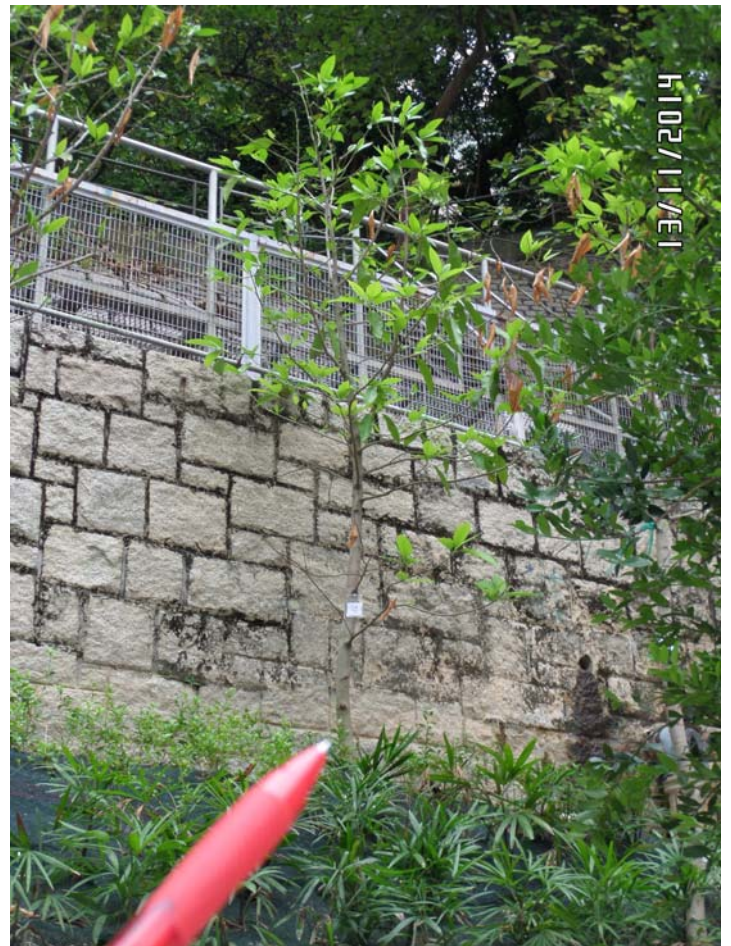
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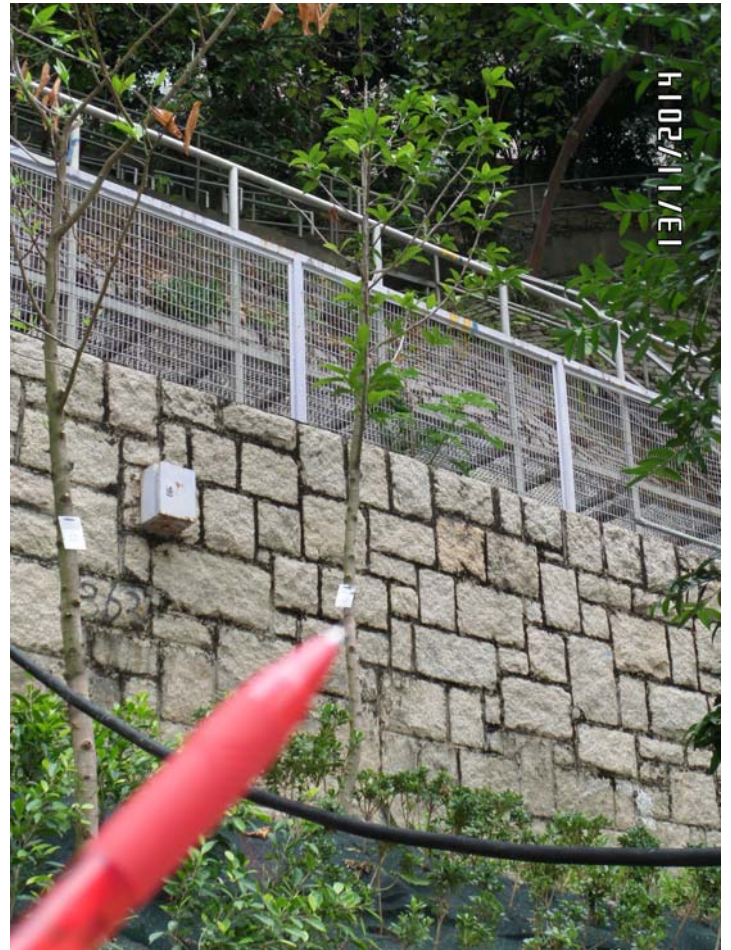
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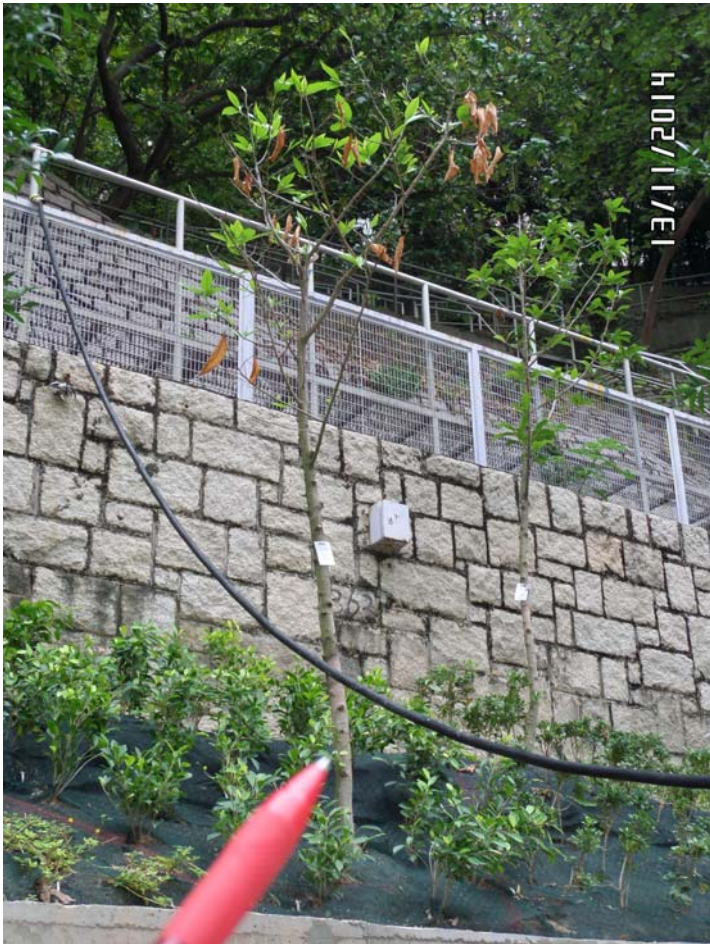
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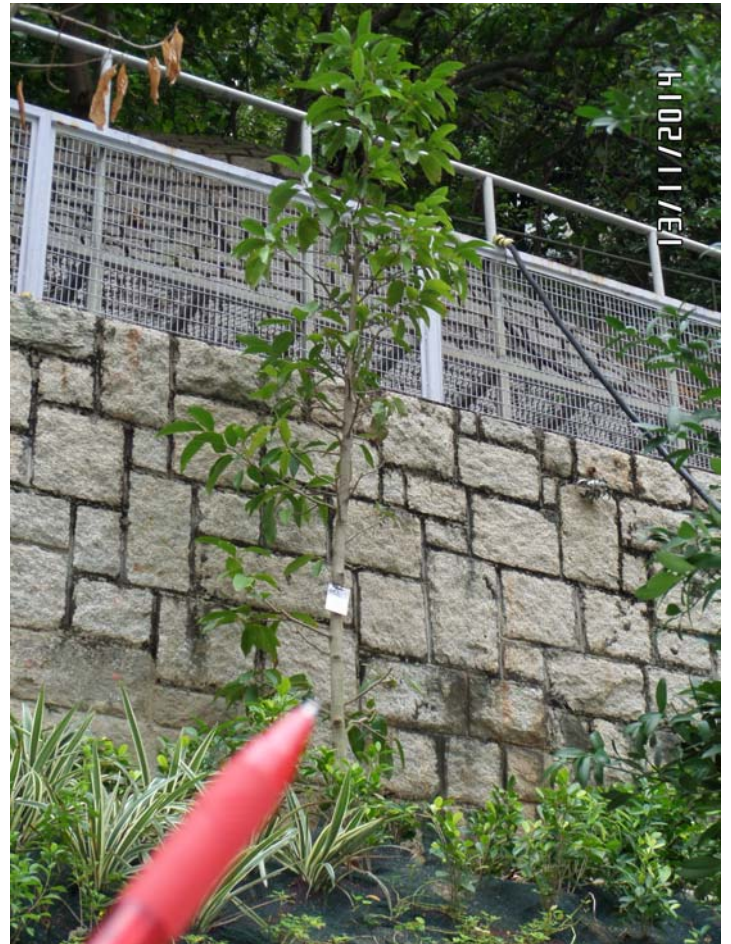
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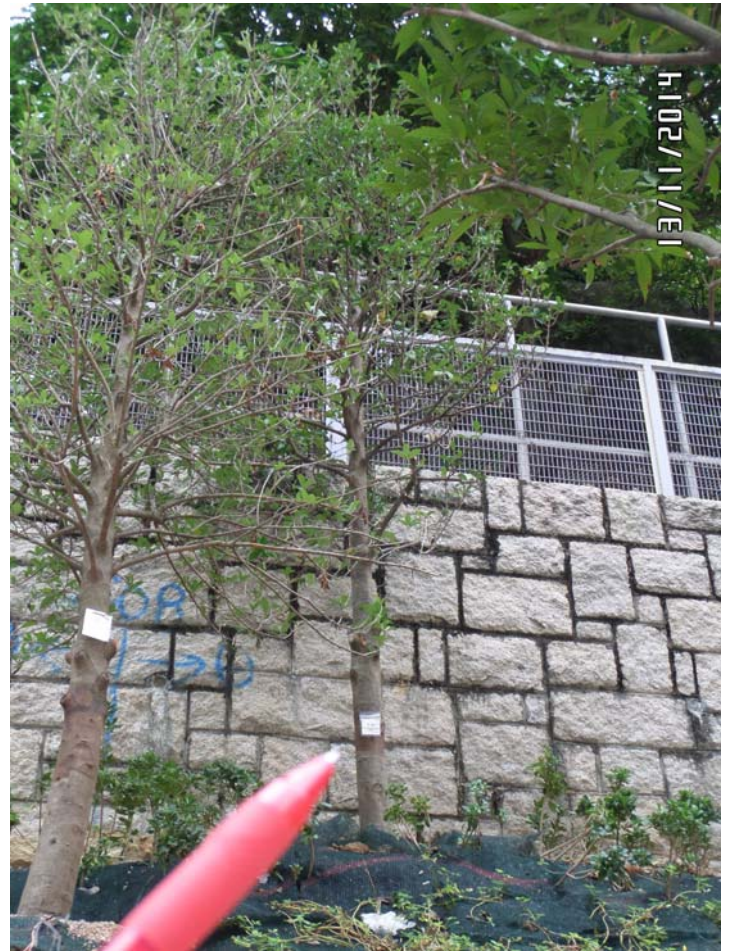
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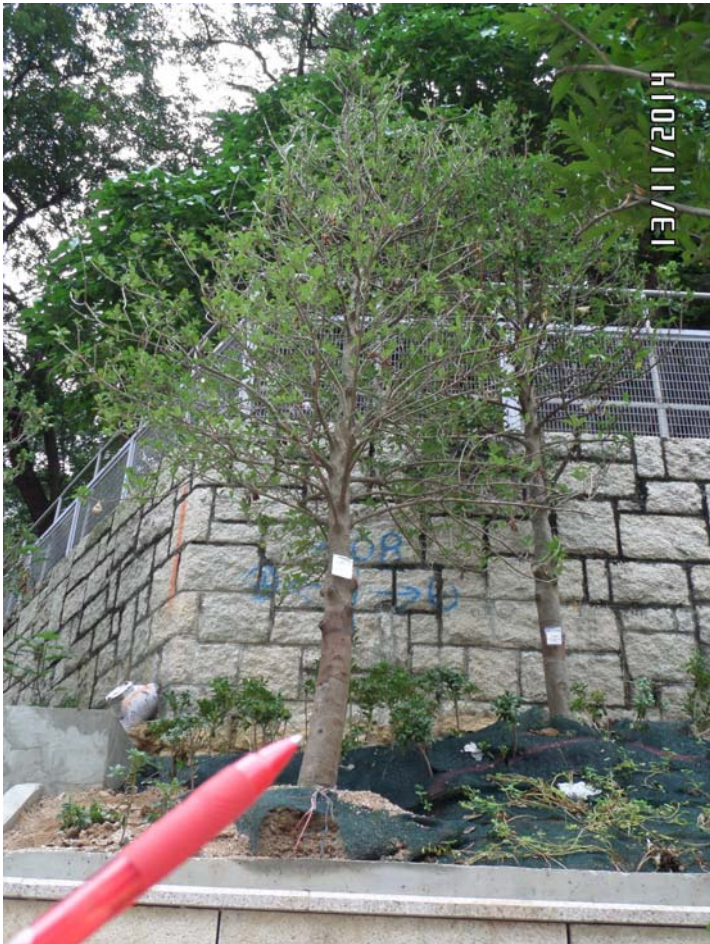
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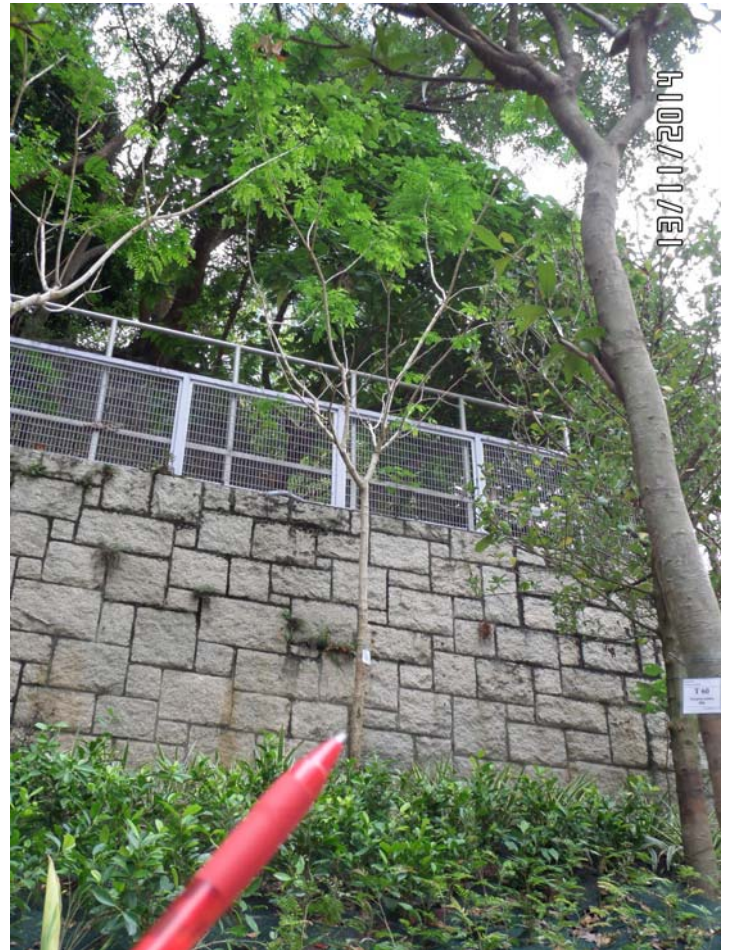
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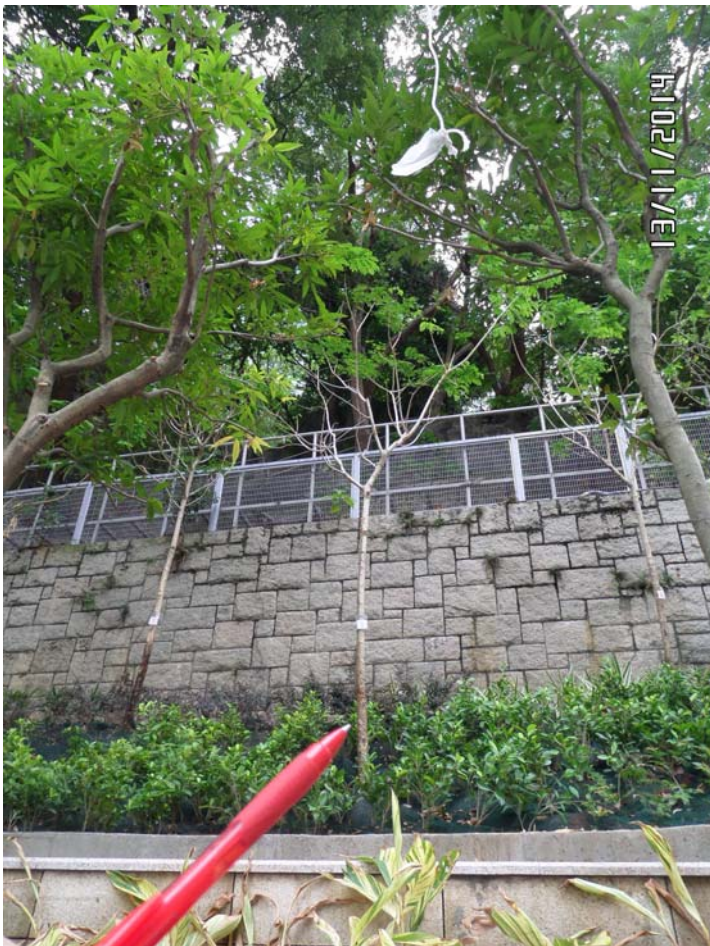
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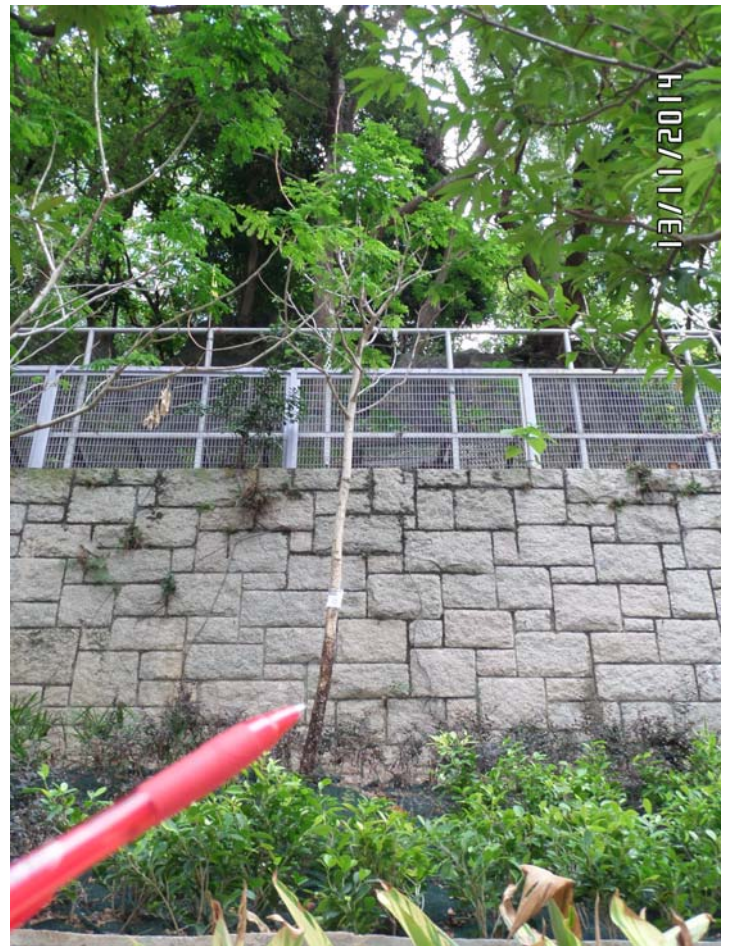
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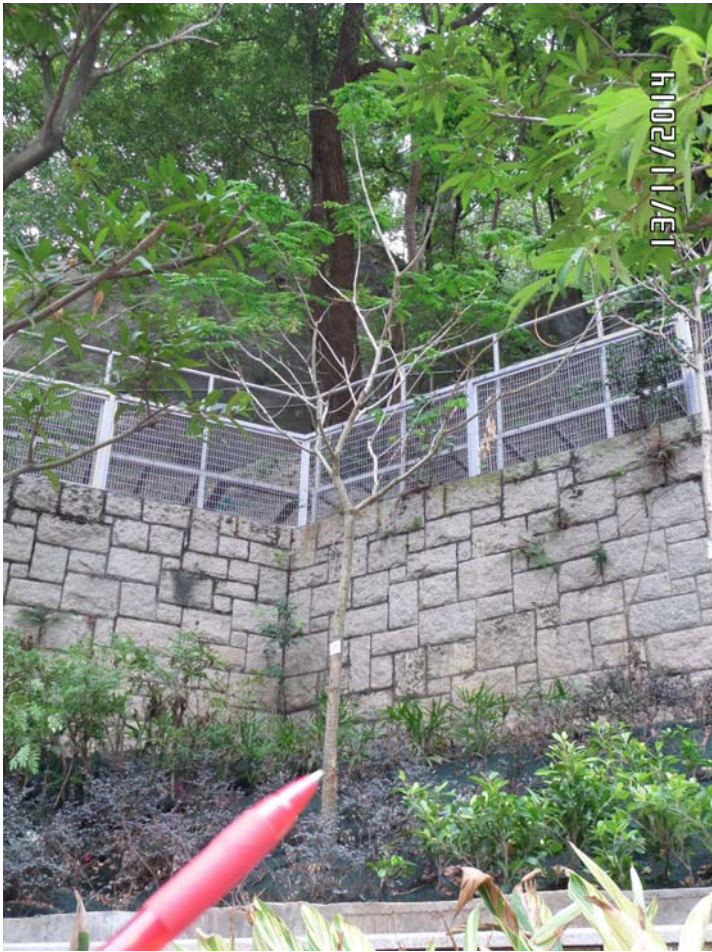
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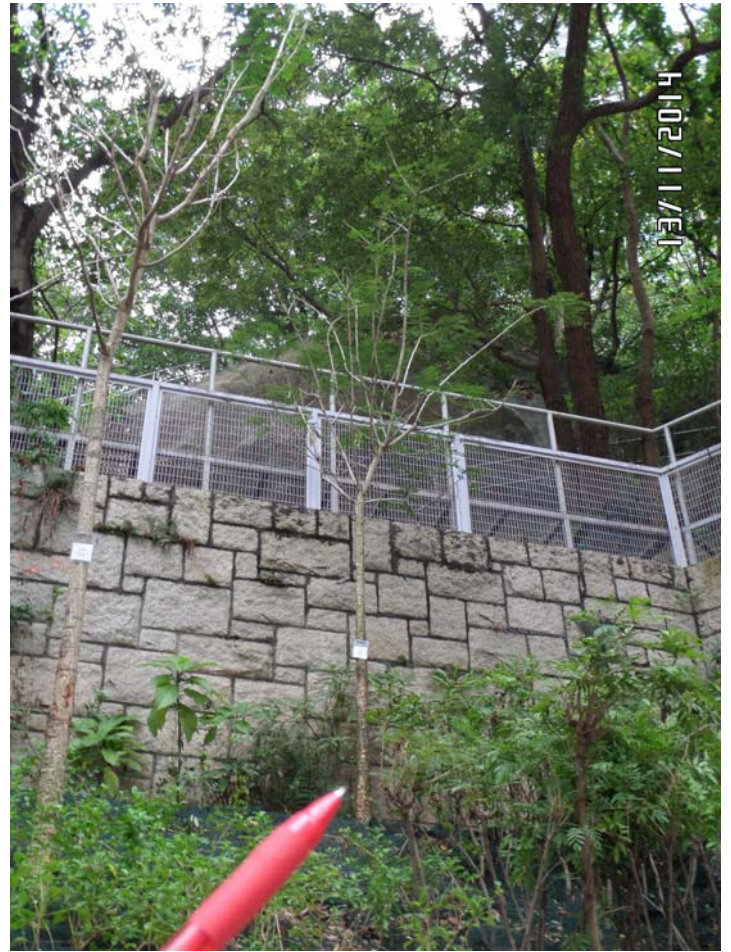
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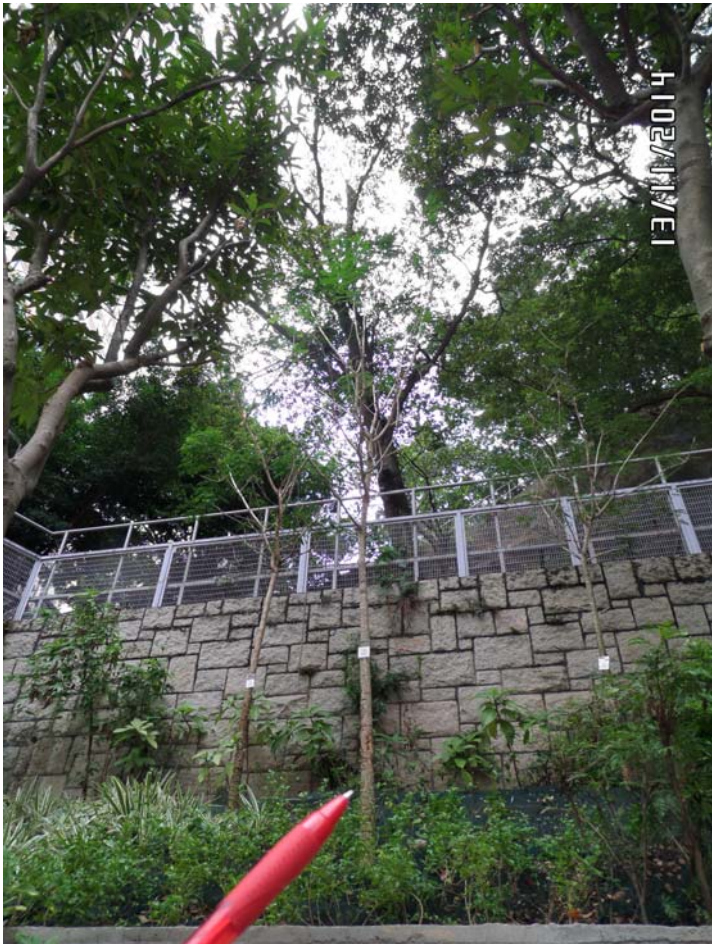
T84



T85



T86



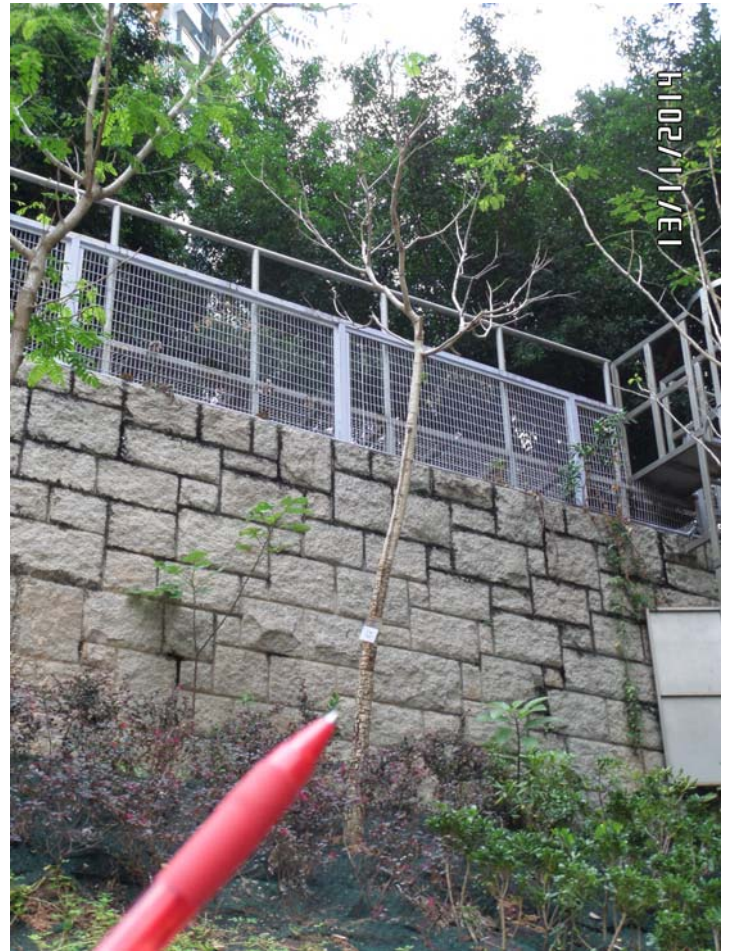
T87



T88



T89



T90



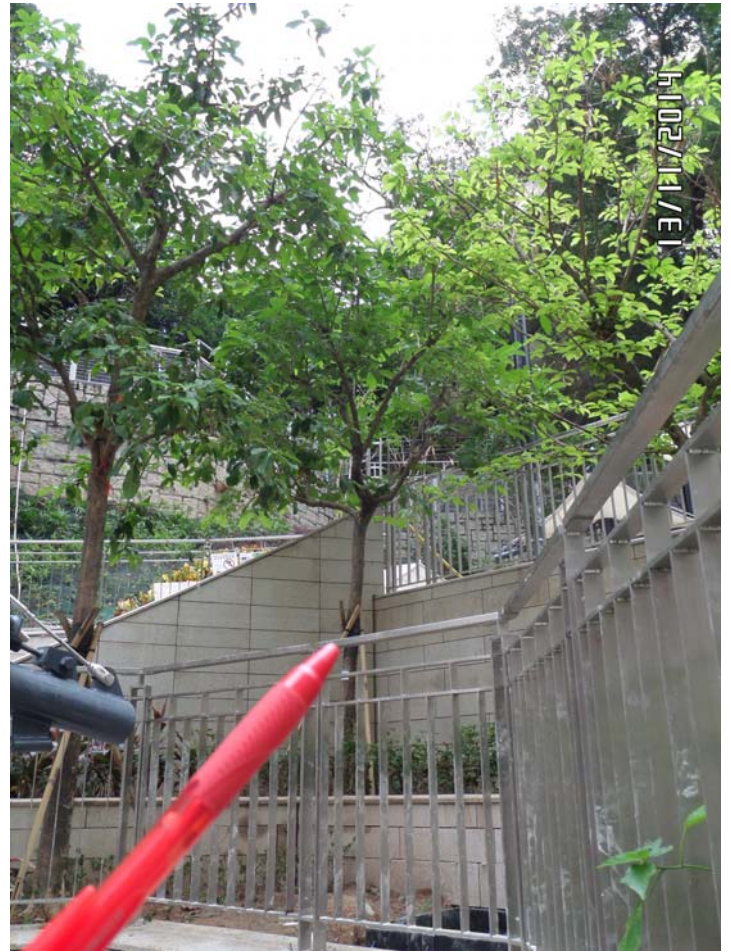
T91



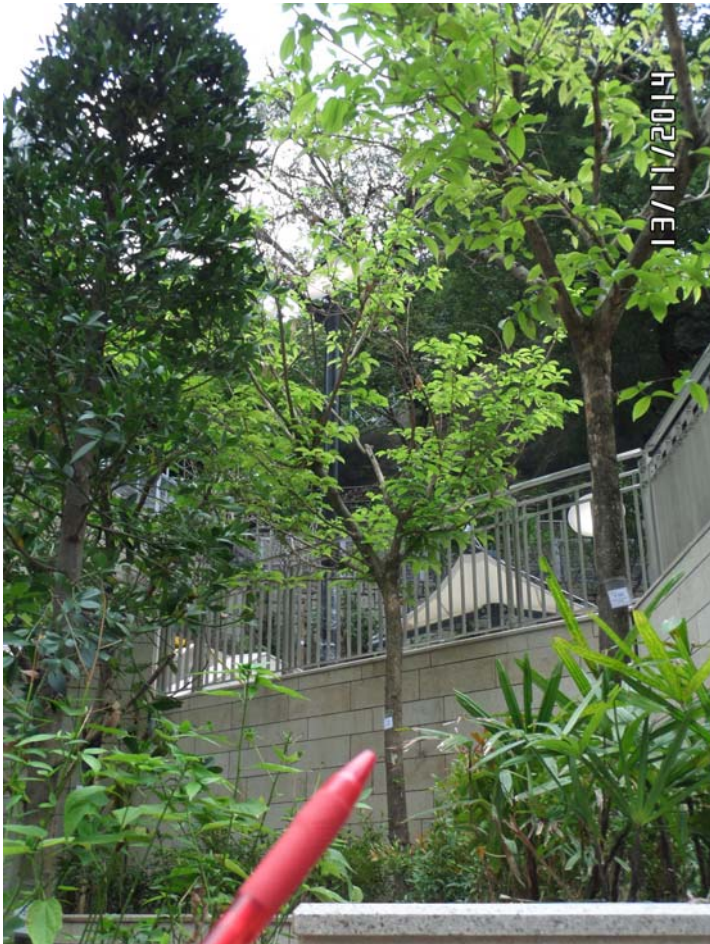
T98



T99



T100



T101



T102

Photographic Record for Auditing of Compensatory Trees of Kennedy Town Station (KET) dated 13 Nov & 11 Dec 2014



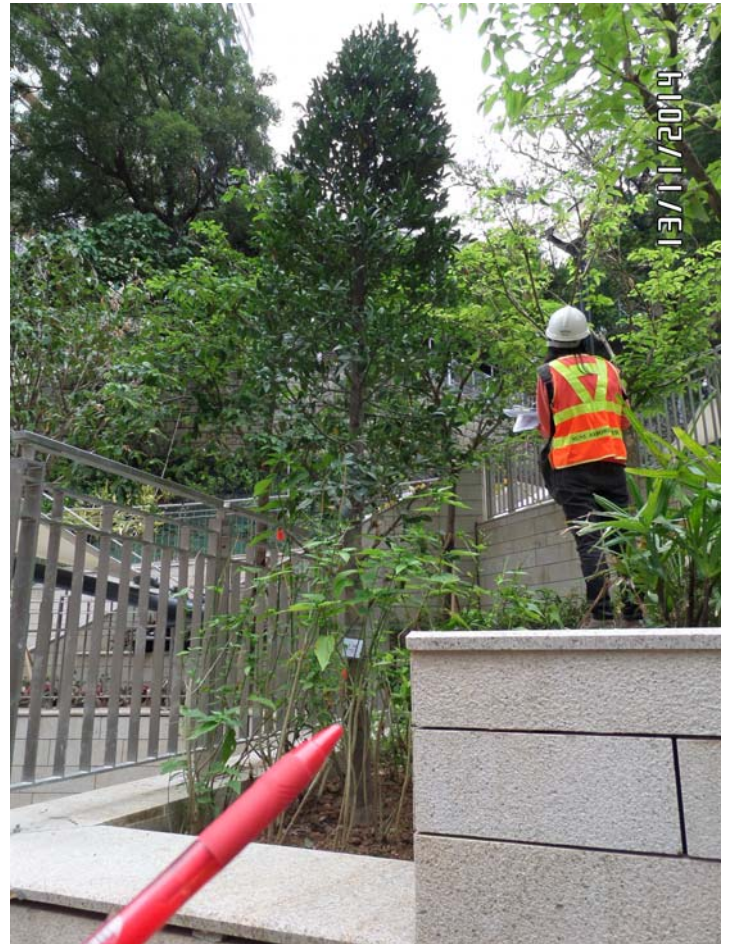
T103



T104



T105



T106



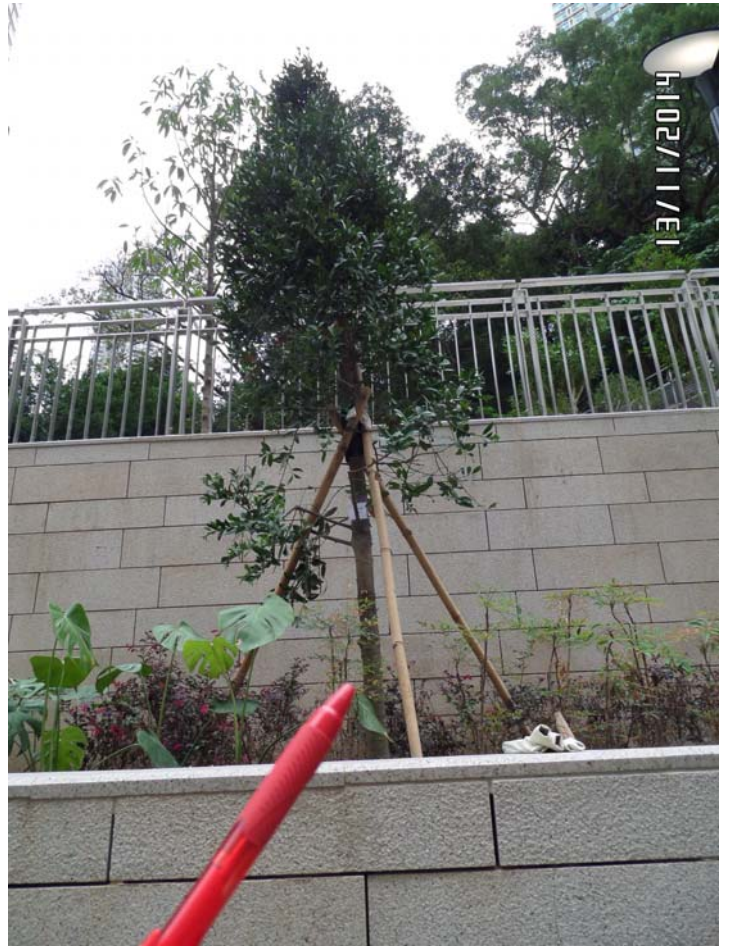
T107



T108



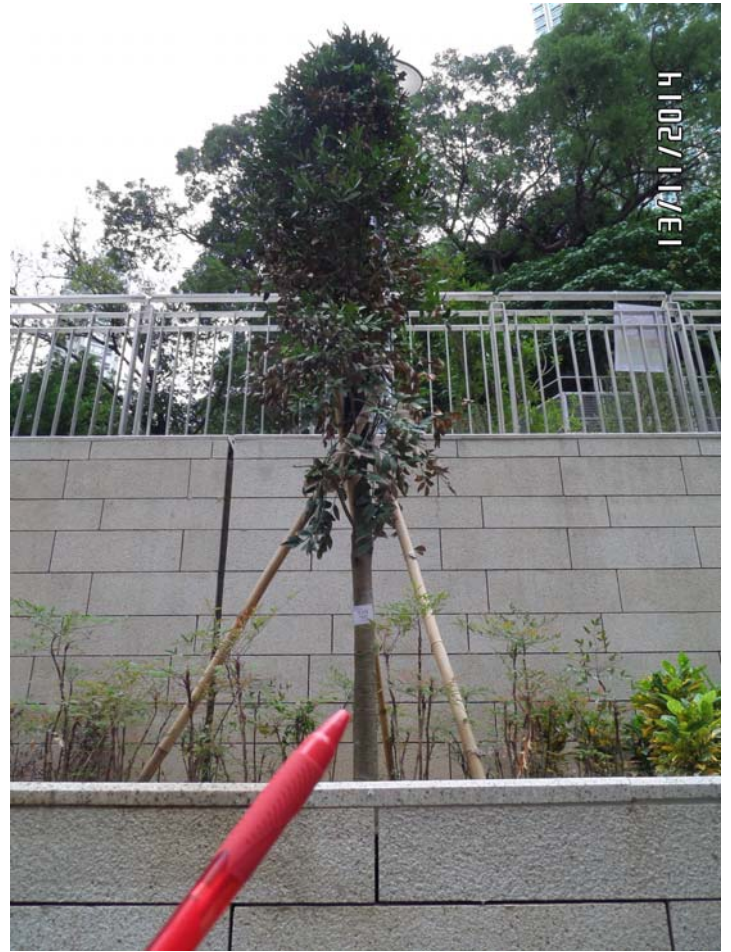
T109



T110



T111



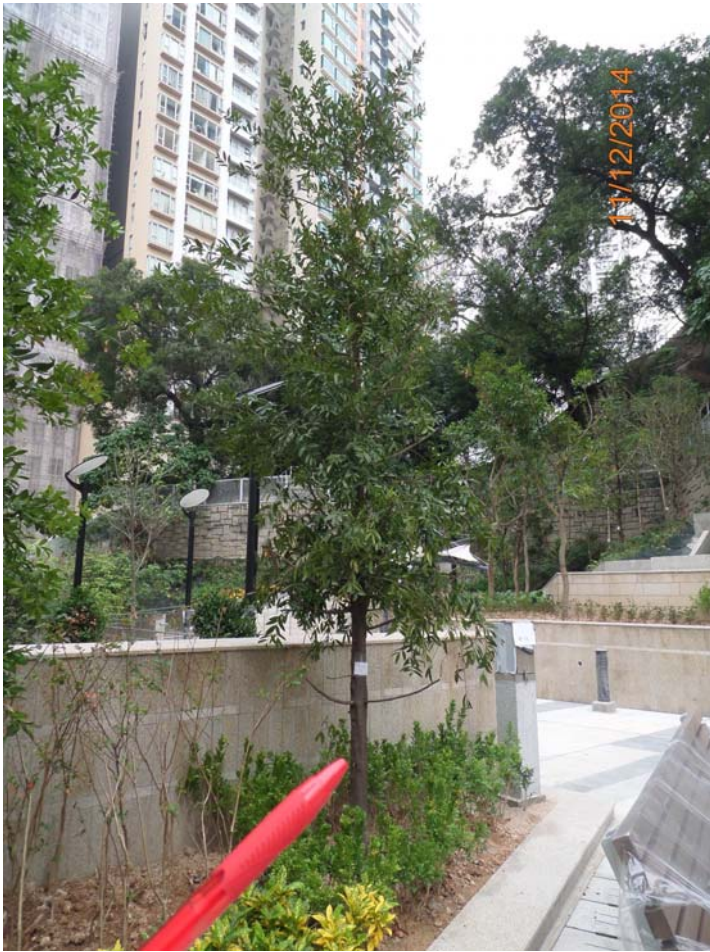
T112



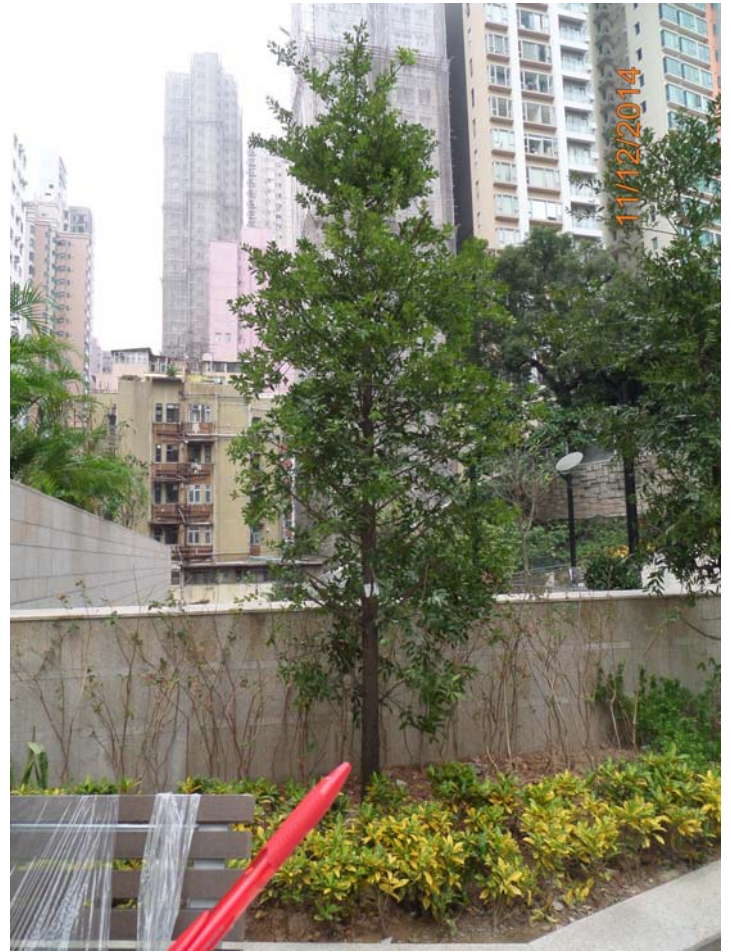
T113



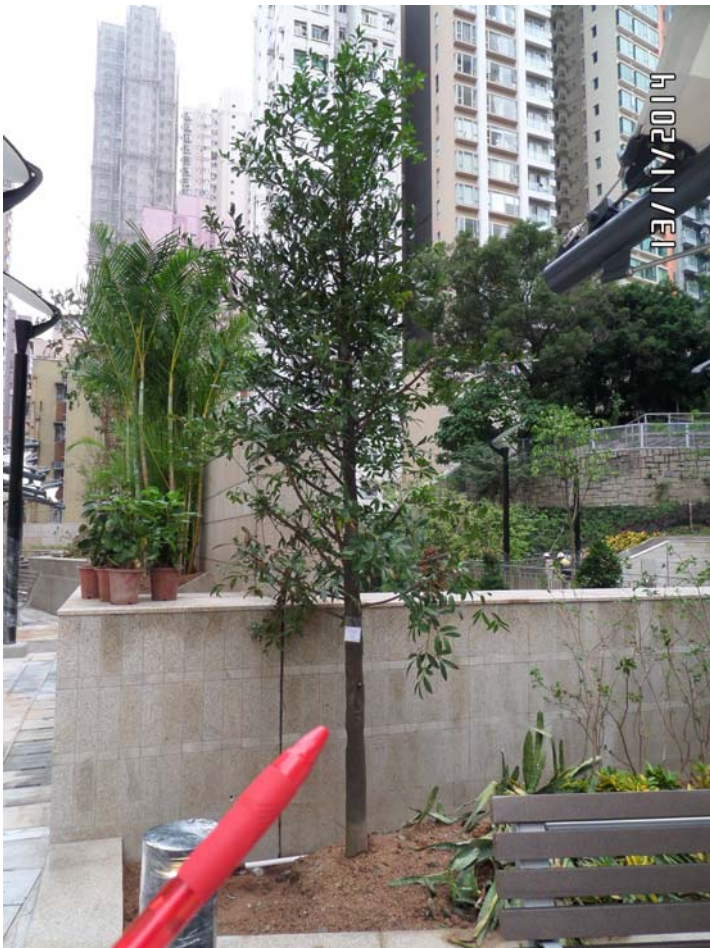
T114



T115



T116



T117



T118



T119



T120



T121



T122



T123



T124



T125



T126



T127



T128



T129



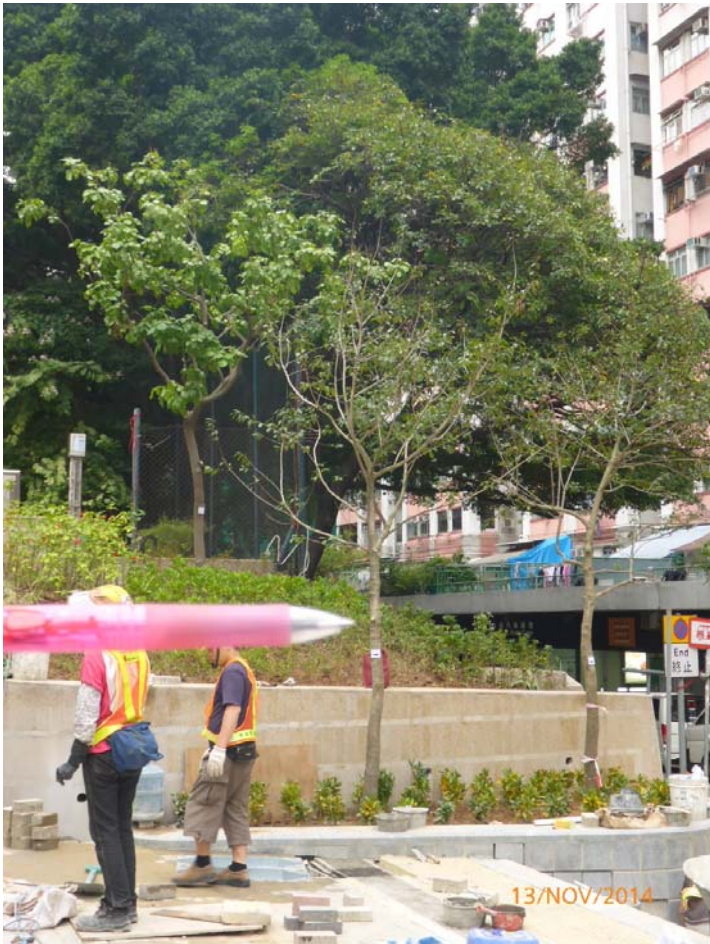
T130



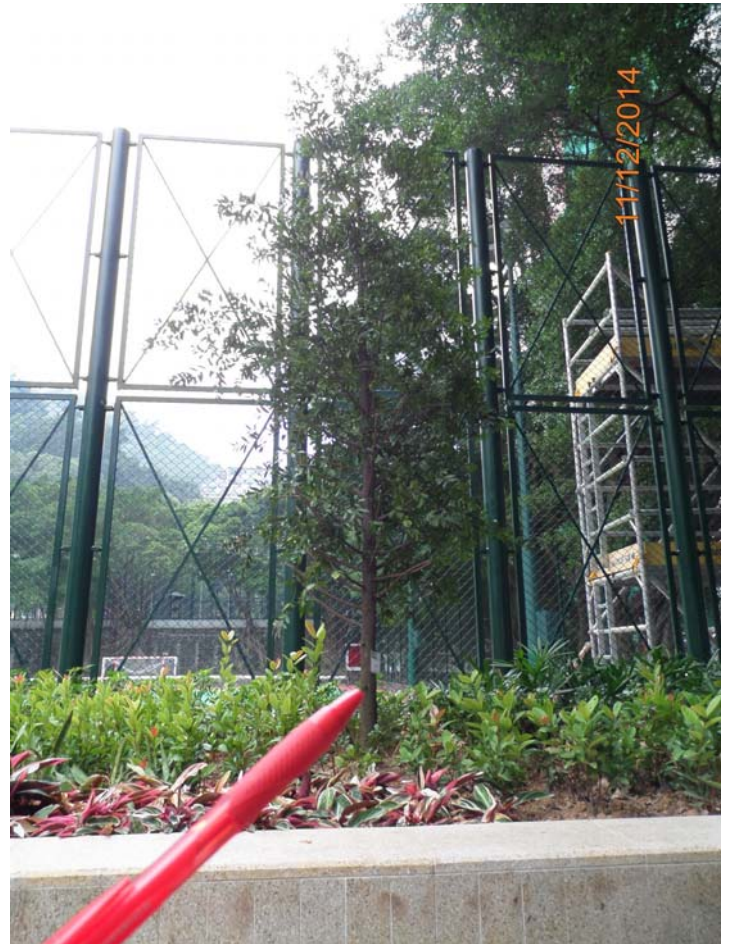
T131



T135



T136



T139



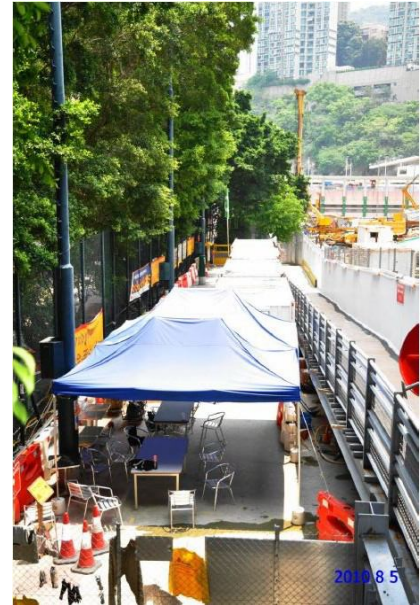
T140

Appendix C – Photographic Record of Tree Protection during Construction Period

Photographic Record for Tree Protection during Construction Period



TreeProtectionForWallA (1)



TreeProtectionForWallA (2)



TreeProtectionZoneOfWallA (3)



TreeProtectionZoneOfWallB (1)



TreeProtectionZoneOfWallB (2)



TreeProtectionZoneOfWallAAndWallB

Appendix D – Tree Conditions during Inspection

Photographic Record for Condition of Retained Trees during Inspection



GeneralViewofWallA (1)



GeneralViewOfWallA (2)



GeneralViewOfWallA (3)



GeneralViewOfWallB (1)

Photographic Record for Condition of Retained Trees during Inspection



GeneralViewOfWallB (2)



GeneralViewofWallC