## TREE GROUP INSPECTION REPORT FOR

### LOT NOS. 992 & 998 S.B SS. 1 IN D.D. 106



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### 1. Introduction

The owner was instructed to perform tree inspection service so as to examine the target trees inside the LOT NOS. 992 & 998 S.B SS. 1 IN D.D. 106 This tree group inspection report describes the inspection methodology, the results, Arborist's recommendations and conclusion.

### 2. Methodology

An ISA Certified Arborist was assigned to conduct a tree inspection at the site on 3 April, 2024.

Thorough visual inspection of the trees was conducted by the Arborists from various vantage points on the ground to examine the subject trees. Within the designated site boundary, all living trees (in some case large tree-form shrubs) with a main trunk equal to or over 95 mm in Diameter at Breast Height (DBH) were included in the tree survey (AFCD Practice Note No. 2 / 2006). Each tree was allocated and tagged with a tree number, and its position was plotted on plans. They were then identified (1) to species, or in some cases to genus if full identification was not possible. Measurements were taken of its trunk diameter, height and spread, with a photograph taken. The report includes the following information on each tree surveyd:

- Tree No. (numbers allocated to individual trees);
- Tree Species Name (Scientific Name and Chinese Name);
- DBH at 1.3m above Ground level (mm);
- Crown spread (m);
- Overall Height (m);
- Amenity Value (High/Medium/Low);
- Form (Good/Fair/Poor);
- Health Condition (Good/Fair/Poor);
- Structural Condition (Good/Fair/Poor);
- Suitability for Transplanting (High/Medium/Low);
- Origin;
- Remarks (special features of particular trees)

### **3.** General Descriptions on Existing Trees

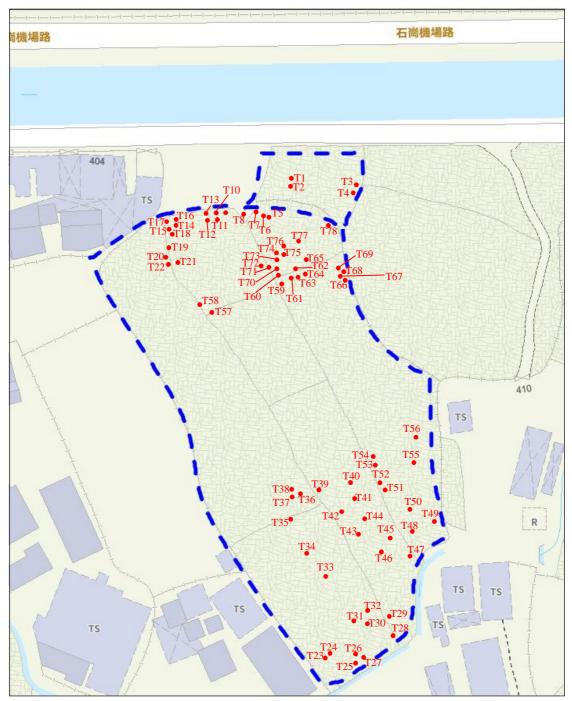
There are 85trees surveyed in site. For the composition of the surveyed trees, it is composed of 11species. *Macaranga tanarius var.* tomentosa (血桐) was the dominant species with the quantities of 27. More information is shown in the Table 3.1.

Scientific Name	Recommendation	Conservation Status	Quantities								
Averrhoa carambola	Fell	-	2								
Bombax ceiba	Fell	-	1								
Bridelia tomentosa	Fell	-	2								
Celtis sinensis	Fell	-	1								
Dimocarpus longan	Fell	-	5								
Ficus hispida	Fell	-	10								
Leucaena	Fell	-									
leucocephala			20								
Ligustrum sinense	Fell	-	1								
Macaranga tanarius	Fell	-									
var. tomentosa			27								
Mangifera indica	Fell	-	8								
Melia azedarach L.	Fell	-	8								
	Total Quantity of Surveyed Trees:     85										

 Table 3.1: Individual Surveyed Trees Species & Quantities

Please refer to Appendix A for Tree Location Plan, Appendix B for General View, Appendix C for Tree Survey Schedule and Appendix D for Tree Photographic Records.

# Appendix A – Tree Location Plan



# Appendix B – General View





cation: Lot no	os. 992 & 998 S.B ss.1 in D.D. 106		Date of Inspection: 20				Surveyed by: LEE HIU WA					
	Tree Speci	es	Tree S	ize Measureme	nt	Amenity Value	Form (Good/ Fair/ Poor)	Health Condition (Good / Fair / Poor /Dead)	n Structural Condition (Good/ Fair/ Poor)	Suitability for Transplanting (High/ Medium/ Low)	Origin	Remarks
Tree No.	Scientific Name	Chinese Name	DBH(mm)	Overall Height (m)	Crown Spread (m)	Amenity Value (High / Medium /Low)						
T1	Celtis sinensis	朴樹	490	12	10	Low	Fair	Fair	Fair	Low	Native	wound (trunk),vine
T2	Ligustrum sinense	山指甲	152	4	4	Low	Fair	Fair	Fair	Low	Exotic	Epicomics
T3	Leucaena leucocephala	銀合歡	107	8	3	Low	Fair	Poor	Fair	Low	Exotic	sparse
T4	Leucaena leucocephala	銀合歡	105	8	3	Low	Poor	Poor	Poor	Low	Exotic	lean, sparse
T5	Macaranga tanarius var. tomentosa	血桐	116	6	1	Low	Poor	Poor	Poor	Low	Native	wound (trunk), dead tree
T6	Macaranga tanarius var. tomentosa	血桐	142	6	3	Low	Poor	Poor	Poor	Low	Native	wound (trunk), dead tree
T7	Macaranga tanarius var. tomentosa	血桐	148	6	3	Low	Poor	Poor	Poor	Low	Native	wound (trunk), lean, sparse, vine
T8	Melia azedarach L.	苦棟	130	4	3	Low	Poor	Poor	Poor	Low	Exotic	lean, root restriction, sparse
T9	Macaranga tanarius var. tomentosa	血桐	190	4	3	Low	Fair	Poor	Fair	Low	Native	wound (trunk), lean, vine, sparse
T10	Macaranga tanarius var. tomentosa	血桐	99	3	3	Low	Fair	Poor	Fair	Low	Native	wound (trunk), topping, vine, sparse
T11	Macaranga tanarius var. tomentosa	血桐	138	7	3	Low	Fair	FaiPr	Fair	Low	Native	wound (trunk), vine, sparse
T12	Macaranga tanarius var. tomentosa	血桐	165	7	4	Low	Poor	Poor	Poor	Low	Native	wound (trunk), vine, dead tree
T13	Macaranga tanarius var. tomentosa	血桐	123	8	1	Low	Poor	Poor	Poor	Low	Native	wound (trunk), vine, dead tree
T14	Macaranga tanarius var. tomentosa	血桐	90 + 105	6	4	Low	Fair	Fair	Fair	Low	Native	wound (trunk), uprooting, vine
T15	Leucaena leucocephala	銀合歡	109	6	2	Low	Fair	Poor	Fair	Low	Exotic	sparse
T16	Macaranga tanarius var. tomentosa	血桐	79 + 100 + 128	6	4	Low	Fair	Fair	Fair	Low	Native	wound(trunk), root restriction, multi-trunks, sparse
T17	<i>Macaranga tanarius var.</i> tomentosa	血桐	123	6	1	Low	Poor	Poor	Poor	Low	Native	lean, dead tree
T18	Leucaena leucocephala	銀合歡	108	8	2	Low	Poor	Poor	Poor	Low	Exotic	wound (trunk), dead tree
T19	Melia azedarach L.	苦棟	261	15	8	Low	Fair	Fair	Fair	Low	Exotic	wound(trunk), dead branches
T20	Leucaena leucocephala	銀合歡	111	5	2	Low	Poor	Poor	Poor	Low	Exotic	wound , lean, dead tree
T21	Leucaena leucocephala	銀合歡	100	5	2	Low	Poor	Poor	Poor	Low	Exotic	wound (trunk), dead tree
T22	Melia azedarach L.	苦棟	340	15	10	Low	Fair	Fair	Fair	Low	Exotic	wound (trunk), codominant trunks
T23	Dimocarpus longan	龍眼	104+110+112	3	5	Low	Fair	Poor	Fair	Low	Exotic	sparse

Location: Lot nos. 992 & 998 S.B ss.1 in D.D. 106			Date of Inspection: 2023/04/03					Surveyed by: LEE	HIU WA			
	Tree Species		Tree Size Measurement			Amenity Value		Health Condition	n Structural	Suitability for Transplanting		
Tree No.	Scientific Name	Chinese Name	DBH(mm)	Overall Height (m)	Crown Spread (m)		Form (Good/ Fair/ Poor)	(Good / Fair / Poor /Dead)	Condition (Good/ Fair/ Poor)	(High/ Medium/ Low)	Origin	Remarks
T24	Dimocarpus longan	龍眼	97+130	4	5	Low	Fair	Poor	Fair	Low	Exotic	sparse
T25	Dimocarpus longan	龍眼	98	3	4	Low	Fair	Poor	Fair	Low	Exotic	sparse
T26	Ficus hispida	對葉榕	111	4	3	Low	Fair	Poor	Fair	Low	Native	sparse
T27	Ficus hispida	對葉榕	97	3	2	Low	Fair	Poor	Fair	Low	Native	bent(trunk), vine, sparse
T28	Mangifera indica	杧果	430	15	9	Low	Fair	Fair	Fair	Low	Exotic	lean, included bark
T29	Averrhoa carambola	楊桃	105	3	4	Low	Poor	Fair	Poor	Low	Exotic	wound (trunk), vince, sparse
T30	Averrhoa carambola	楊桃	107	3	4	Low	Fair	Fair	Fair	Low	Exotic	vince, sparse
T31	Ficus hispida	對葉榕	162	5	4	Low	Fair	Fair	Fair	Low	Native	codominant trunks, vine
T32	Ficus hispida	對葉榕	100	6	5	Low	Fair	Fair	Fair	Low	Native	codominant trunks, vine
T33	Bombax ceiba	木棉	167	4	1	Low	Poor	Poor	Poor	Low	Exotic	topping, dead tree
T34	Melia azedarach L.	苦楝	100	4	1	Low	Poor	Poor	Poor	Low	Exotic	dead tree
T35	Macaranga tanarius var. tomentosa	血桐	105	4	4	Low	Fair	Fair	Fair	Low	Native	bent(trunk), dead branches, root exposed
T36	Melia azedarach L.	苦楝	155	7	3	Low	Fair	Poor	Fair	Low	Exotic	lean, sparse, vine
T37	Melia azedarach L.	苦棟	143	6	2	Low	Fair	Poor	Fair	Low	Exotic	wound, sparse, vine
T38	Melia azedarach L.	苦棟	110	2	4	Low	Poor	Poor	Poor	Low	Exotic	wound (trunk), lean, dead tree
T39	Ficus hispida	對葉榕	85+90+108+118	7	5	Low	Fair	Fair	Fair	Low	Native	lean, multi-trunks
T40	Ficus hispida	對葉榕	85+90+108+118	7	4	Low	Fair	Fair	Fair	Low	Native	codominant trunks, vine
T41	Ficus hispida	對葉榕	75+95	8	3	Low	Fair	Fair	Fair	Low	Native	codominant trunks
T42	Ficus hispida	對葉榕	78+85	7	3	Low	Fair	Fair	Fair	Low	Native	Epicomics, codominant trunk
T43	Ficus hispida	對葉榕	112	7	3	Low	Fair	Poor	Fair	Low	Native	sparse
T44	Mangifera indica	杧果	110+130+148+156 +188+350	14	8	Low	Fair	Fair	Fair	Low	Exotic	multi-trunks
T45	Mangifera indica	杧果	95+180	11	4	Low	Fair	Fair	Fair	Low	Exotic	
T46	Mangifera indica	杧果	225+235+263	19	10	Low	Fair	Fair	Fair	Low	Exotic	multi-trunks, vine, dead branches

ocation: Lot no	os. 992 & 998 S.B ss.1 in D.D. 106		Date of Inspection: 2			Surveyed by: LEE HIU WA						
	Tree Specie	es	Tree S	Tree Size Measurement				Health Condition	1 Structural	Suitability for Transplanting		
Tree No.	Scientific Name	Chinese Name	DBH(mm)	Overall Height (m)	Crown Spread (m)	Amenity Value (High / Medium /Low)	Form (Good/ Fair/ Poor)	(Good / Fair / Poor /Dead) Fair/ Poor)	Condition (Good/	(High/ Medium/ Low)	Origin	Remarks
T47	Mangifera indica	杧果	148+245+420	14	10	Low	Fair	Fair	Fair	Low	Exotic	multi-trunks, vine
T48	Mangifera indica	杧果	143+238	14	7	Low	Fair	Fair	Fair	Low	Exotic	multi-trunks, vine
T49	Mangifera indica	杧果	83+107+119	7	4	Low	Fair	Fair	Fair	Low	Exotic	multi-trunks
T50	Mangifera indica	杧果	176+208+210 +213+260	14	10	Low	Fair	Fair	Fair	Low	Exotic	multi-trunks
T51	Macaranga tanarius var. tomentosa	血桐	114	8	4	Low	Fair	Fair	Fair	Low	Native	wound(trunk)
T52	Macaranga tanarius var. tomentosa	血桐	75+105	6	4	Low	Poor	Fair	Poor	Low	Native	wound (trunk), lean
T53	<i>Macaranga tanarius var.</i> tomentosa	血桐	120	4	3	Low	Fair	Poor	Fair	Low	Native	wound (trunk), vine, sparse
T54	Bridelia tomentosa	土蜜樹	70+87+95	3	4	Low	Poor	Poor	Poor	Low	Native	dead tree, vine
T55	Dimocarpus longan	龍眼	150+235	4	5	Low	Fair	Fair	Fair	Low	Exotic	vine
T56	Dimocarpus longan	龍眼	110+170+178	4	5	Low	Fair	Fair	Fair	Low	Exotic	vine
T57	Macaranga tanarius var. tomentosa	血桐	172	4	3	Low	Fair	Fair	Fair	Low	Native	lean, vine
T58	Macaranga tanarius var. tomentosa	血桐	138	5	4	Low	Poor	Poor	Poor	Low	Native	dead tree, vine
T59	Leucaena leucocephala	銀合歡	145	3	2	Low	Poor	Poor	Poor	Low	Exotic	lean, stub, wood, uprooting, vine, sparse
T60	Macaranga tanarius var. tomentosa	血桐	100	5	2	Low	Fair	Poor	Fair	Low	Native	wound (trunk), vine, sparse
T61	Leucaena leucocephala	銀合歡	101	4	1	Low	Fair	Poor	Fair	Low	Exotic	topping, vine, sparse
T62	Leucaena leucocephala	銀合歡	118	5	2	Low	Poor	Poor	Poor	Low	Exotic	wound (trunk), lean, vine, sparse
T63	Leucaena leucocephala	銀合歡	113	5	3	Low	Fair	Poor	Fair	Low	Exotic	wound (trunk), vine, sparse
T64	Leucaena leucocephala	銀合歡	100	6	3	Low	Poor	Fair	Poor	Low	Exotic	wound(trunk), lean, topping, vine
T65	Macaranga tanarius var. tomentosa	血桐	105	3	4	Low	Poor	Fair	Poor	Low	Native	wound (trunk), lean, vine
T66	Leucaena leucocephala	銀合歡	164	6	3	Low	Fair	Fair	Fair	Low	Exotic	vine
T67	Leucaena leucocephala	銀合歡	112	2	3	Low	Poor	Poor	Poor	Low	Exotic	lean, topping, vine, sparse
T68	Leucaena leucocephala	銀合歡	139	3	1	Low	Poor	Poor	Poor	Low	Exotic	lean, topping, vine, sparse
T69	Leucaena leucocephala	銀合歡	185	7	3	Low	Poor	Poor	Poor	Low	Exotic	lean, stubs, topping, vine, sparse

Location: Lot nos	. 992 & 998 S.B ss.1 in D.D. 106		Date of Inspection: 2	023/04/03				Surveyed by: LEE	HIU WA			
	Tree Specie	s	Tree S	Size Measureme	nt	Amenity Value	Form (Good/	Health Condition	Structural	Suitability for Transplanting		
Tree No.	Scientific Name	Chinese Name	DBH(mm)	Overall Height (m)	Crown Spread (m)	(High / Medium /Low)	Form (Good/ Fair/ Poor)	(Good / Fair / Poor /Dead)	Condition (Good/ Fair/ Poor)	(High/ Medium/ Low)	Origin	Remarks
T70	Macaranga tanarius var. tomentosa	血桐	120	7	3	Low	Fair	Poor	Fair	Low	Native	wound (trunk), sparse, vine, bent(trunk)
T71	Leucaena leucocephala	銀合歡	145	8	3	Low	Fair	Poor	Fair	Low	Exotic	wound (trunk), vine
T72	Macaranga tanarius var. tomentosa	血桐	70+77+93+101	5	3	Low	Poor	Poor	Poor	Low	Native	lean, vine, multi-branches, sparse
T73	Macaranga tanarius var. tomentosa	血桐	120	4	4	Low	Poor	Poor	Poor	Low	Native	wound (trunk), epicomics trunks, lean, vine, sparse
T74	Macaranga tanarius var. tomentosa	血桐	100	5	2	Low	Poor	Poor	Poor	Low	Native	wound (trunk), epicomics trunks, vine, sparse
T75	Macaranga tanarius var. tomentosa	血桐	68+70+88+88	4	4	Low	Poor	Poor	Poor	Low	Native	wound (trunk), lean, vine, sparse, uprooting
T76	Leucaena leucocephala	銀合歡	110	4	4	Low	Poor	Poor	Poor	Low	Exotic	wound (trunk), sparse, lean
T77	Macaranga tanarius var. tomentosa	血桐	63+88+90+105	4	2	Low	Fair	Poor	Fair	Low	Native	wound (trunk), crown thinng, dead branches
T78	Leucaena leucocephala	銀合歡	58+70+90	5	4	Low	Poor	Poor	Poor	Low	Exotic	cross branches, bent(trunk), sparse
T79	Macaranga tanarius var. tomentosa	血桐	123	4		Low	Fair	Poor	Fair	Low	Native	wound (trunk), bent(trunk), sparse
T80	Leucaena leucocephala	銀合歡	118	4	3	Low	Fair	Poor	Fair	Low	Exotic	wound (trunk), sparse, bent(trunk)
T81	Macaranga tanarius var. tomentosa	血桐	120	5	2	Low	Fair	Poor	Fair	Low	Native	wound (trunk), lean, sparse, uprooting
T82	Macaranga tanarius var. tomentosa	血桐	120	5	4	Low	Poor	Poor	Poor	Low	Native	wound (trunk), lean, uprooting
T83	Leucaena leucocephala	銀合歡	96	5	1	Low	Fair	Poor	Fair	Low	Exotic	vine
T84	Melia azedarach L.	苦楝	160	4	1	Low	Poor	Poor	Poor	Low	Exotic	wound (trunk), topping, dead tree, vine
T85	Ficus hispida	對葉榕	73+96	5	3	Low	Fair	Poor	Fair	Low	Native	wound (trunk), sparse

**Appendix D–Tree Photographic Records** 





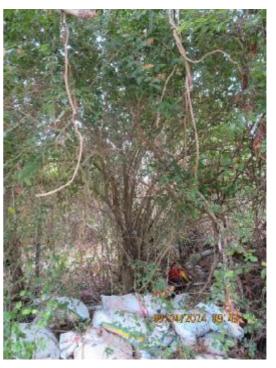
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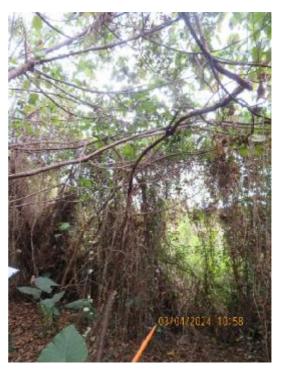
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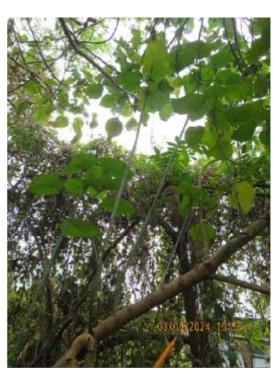




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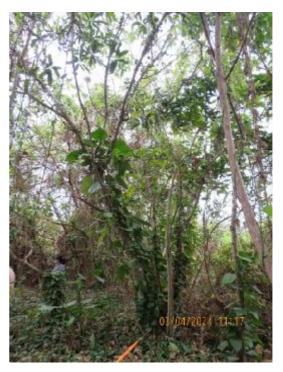




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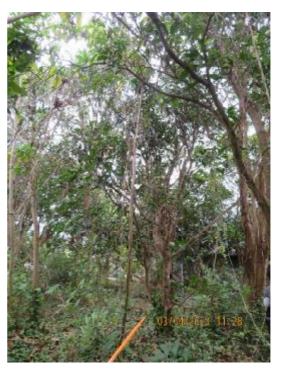


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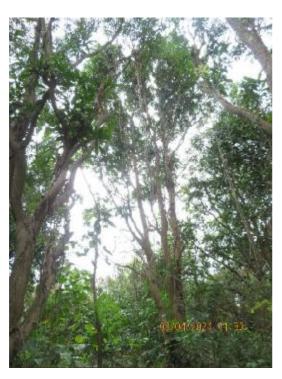


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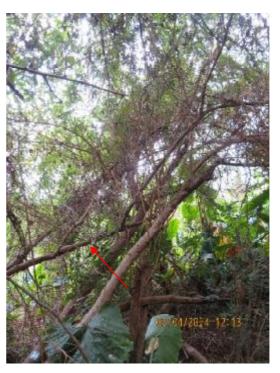
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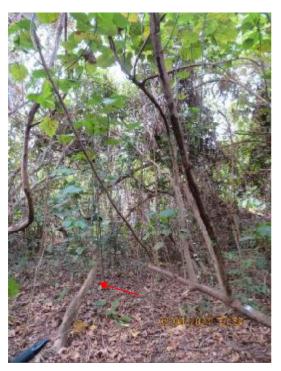




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# **Compensatory Planting Proposal**

## DD106 lot 992 & 998 S.B ss. 1

Ms. Lee Hiu Wa



ISA Certified Arborist (HK-1104A) Tree Management Personnel Registration Scheme Arborist (TM522127) Tree Risk Assessor (TM522127) Tree Work Supervisor (TM522127)

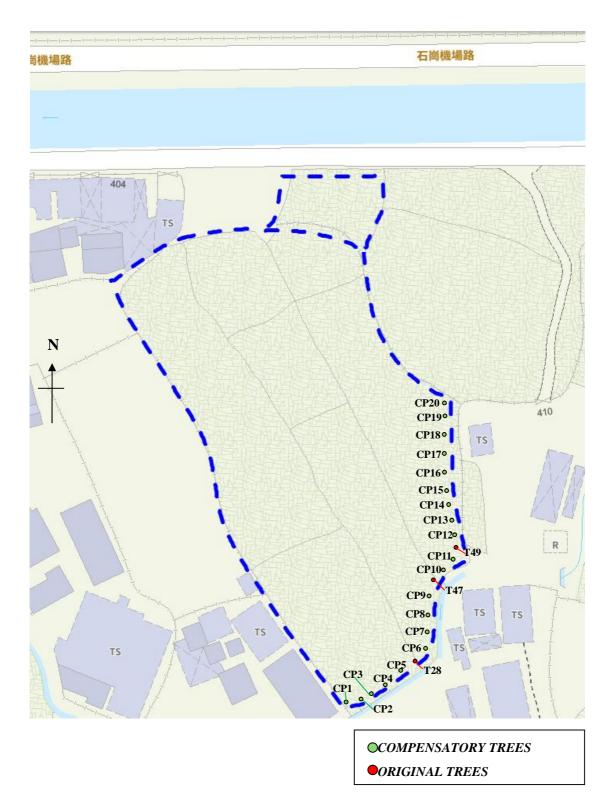
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4	RECOMMAND REPLANTED TREES (CP1-20)	6
5	SUMMARY OF PROPOSED PLANTING SPECIES FOR COMPENSATORY PLANTING	7

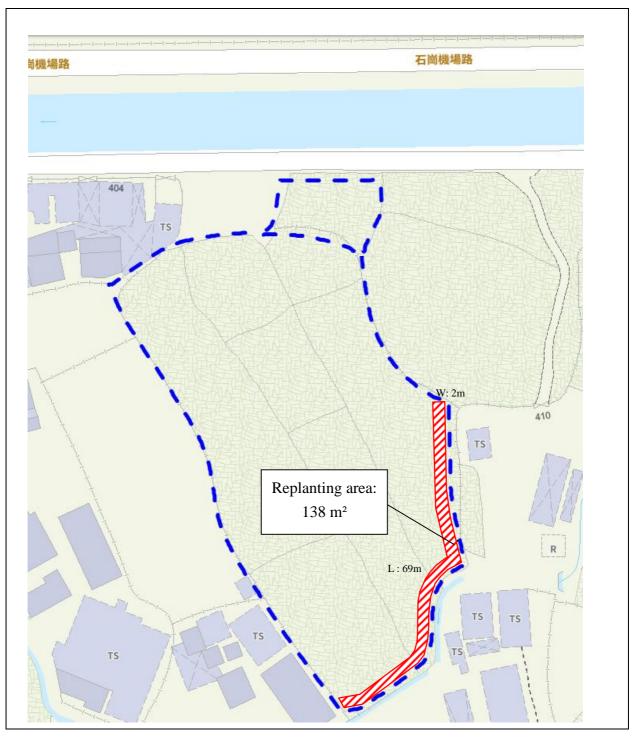
#### 1 OBJECTIVE

The loss of the concerned trees within will be compensated according to item 4 of Section I, Appendix II of LAO PN No. 2/2020 and 2/2020A. In general, implementation of compensatory planting, of a ratio not less than 1:1 in terms of quantity and quality, within the subject Lot would be acceptable. That is, the total number of compensatory trees shall be equal or not less than that of the lost tree. We recommend replanting 20 standard trees within the Lot. There is 82 number of felled trees for which 20 numbers' standard trees of 60mm DBH are required for compensation.

#### 2 LOCATION PLAN OF COMPENSATORY TREES



### 3 THE REPLANTING AREA



#### 4 RECOMMAND COMPENSATORY TREES

- Replanting area: 138m<sup>2</sup>
- The gradient of the landscape:  $0^{\circ}$
- · Species
  - Ø2 nos. of Schefflera heptaphylla (鴨腳木) (CP1, 3)
  - Ø3 nos. of Murraya paniculata (九里香) (CP2, 4, 14)
  - Ø2 nos. of Xanthostemon chrysanthus (金蒲桃) (CP5, 7)
  - Ø4 nos. of Magnolia x soulangeana (二喬木蘭) (CP6, 8, 16, 18)
  - Ø2 nos. of Lagerstroemia speciosa (大花紫薇) (CP9, 11)
  - Ø 3nos. of Osmanthus fragrans (桂花) (CP10, 12, 20)
  - Ø 2nos. of Tabebuia chrysantha (黃花風鈴木) (CP13, 15)
  - Ø 1nos. of Liquidambar formosana (楓香) (CP17)
  - Ø 1nos. of Cinnamomum camphora (樟) (CP19)
- DBH(mm): 60 (standard tree)
- Height(m): 3
- Spread(m): 1
- Live-crown ratio (%): 50
- Rootball: A rootball at least 450 mm in diameter and 300 mm deep
- Surface treatment: the recipient tree pits will be backfilled with the mixture of 1 part of soil condition with 4 parts of existing soil
- Alinement: 2 meters centre apart will be proposed between the compensatory and existing trees for having better development. Also the compensation trees will be planted at least 1.2m from drainage, channel and curb.
- Depth of soil: at least 1.2m excluding drainage layer
- Alinement: 2 meters centre apart will be proposed between the compensatory and existing trees for having better development. Also the compensation trees will be planted at least 1.2m from drainage, channel and curb.
- Depth of soil: at least 1.2m excluding drainage layer

### 5 SUMMARY OF PROPOSED PLANTING SPECIES FOR COMPENSATORY PLANTING

Location	Species	DBH	Crown	Overall	Quantity	Live-crown	Planting Matrix
	-F	(mm)	Spread	Height	(nos.)	ratio (%)	
		(11111)	(m)	(m)	(1105.)	1440 (70)	
	Schefflera	60	1	3	2	50	2m contro coort
Agricultural		00	1	5	2	50	3m centre apart
area	heptaphylla						
	(鴨腳木)						
Agricultural	Murraya paniculata	60	1	3	3	50	3m centre apart
area	(九里香)						
Agricultural	Xanthostemon	60	1	3	2	50	3m centre apart
area	chrysanthus						
	(金蒲桃)						
Agricultural	Magnolia x	60	1	3	4	50	3m centre apart
area	Soulangeana						
	(二喬木蘭)						
Agricultural	Lagerstroemia	60	1	3	2	50	3m centre apart
area	speciosa			-			· · · · · · · · · · · · · · · · · · ·
ueu	(大花紫薇)						
Agricultural	Osmanthus fragrans	60	1	3	3	50	3m centre apart
-		00	1	5	5	50	Sin centre apart
area	(桂花)						
Agricultural	Tabebuia chrysantha	60	1	3	2	50	3m centre apart
area	(黃花風鈴木)						
Agricultural	Liquidambar	60	1	3	1	50	3m centre apart
area	formosana						
	(楓香)						
Agricultural	Cinnamomum	60	1	3	1	50	3m centre apart
area	camphora						
	(樟)						
Total					20		1