

Compensatory Planting Proposal

DD106 lot 992 & 998 S.B ss. 1

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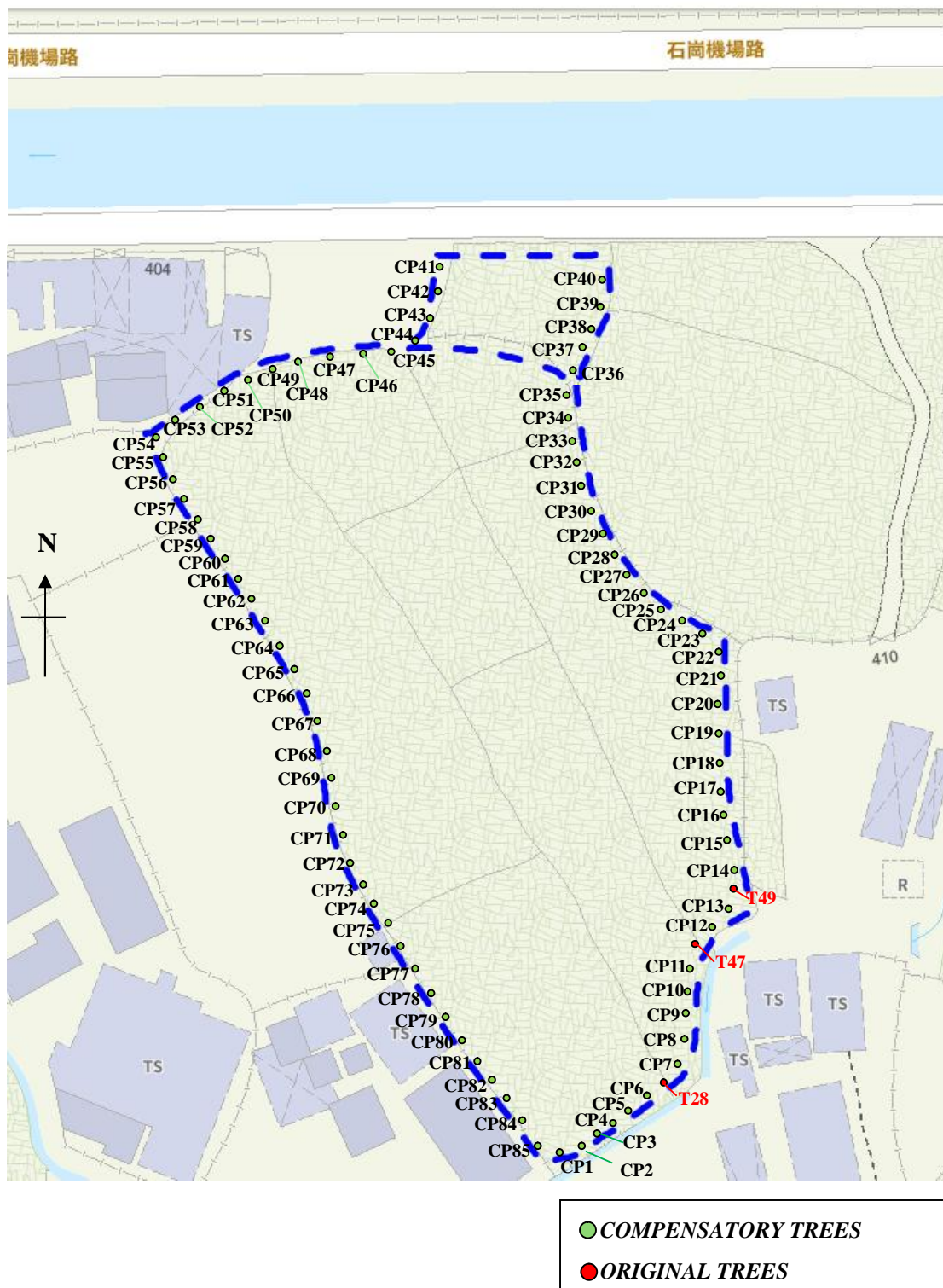
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1 OBJECTIVE

In accordance with Practice Note No. 6/2023 (Tree Preservation and Tree Removal Application for Building Development in Private Projects) from Lands Administration Office of Lands Department, it is understood that the general principle of implementing compensatory tree planting is of a ratio not less than 1:1 in terms of quantity. As such, 82 new trees are required to be planted for compensation. However, after thorough site inspection within boundary and according to proposed layout plan, the site is fully occupied by facilities. There is not adequate space for health growth of the total number of compensatory trees to their mature size. We recommend replanting 43 standard trees and 42 whip trees within the Lot.

2 LOCATION PLAN OF COMPENSATORY TREES



3 THE REPLANTING AREA



4 **RECOMMAND COMPENSATORY TREES**

4.1 Replanting area (A): 538m²

- The gradient of the landscape: 0°

4.1.1 Species

- Ø 8 nos. of Lagerstroemia speciosa (大花紫薇) : CP1, 3, 5, 7, 9, 11, 13, 15
- Ø 8 nos. of Tabebuia chrysantha (黃花風鈴木) : CP17, 19, 21, 23, 25, 27, 29, 31
- Ø 8 nos. of Sterculia lanceolata (假蘋婆) : CP33, 35, 37, 39, 41, 43, 45, 47
- Ø 8 nos. of Xanthostemon chrysanthus (金蒲桃) : CP49, 51, 53, 55, 57, 59, 61, 63
- Ø 8 nos. of Osmanthus fragrans (桂花) : CP65, 67, 69, 71, 73, 75, 77, 79
- Ø 2 nos. of Schefflera heptaphylla (鴨腳木) : CP81, 83, 85
- DBH(mm): 50 (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: 3 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

4.1.2 Species

Ø 15 nos. of *Aglaia odorata*(米仔蘭) : CP2, 4, 6, 8, 10, 32, 34, 36, 38, 40, 62, 64, 66, 68, 70

Ø 15 nos. of *Polyspora axillaris* (大頭茶) : CP12, 14, 16, 18, 20, 42, 44, 46, 48, 50, 72, 74, 76, 78, 80

Ø 12 nos. of *Podocarpus macrophyllus* (羅漢松) : CP22, 24, 26, 28, 30, 52, 54, 56, 58, 50, 82, 84

- DBH(mm): 15 (whip tree)
- Height(m): 1
- Spread(m): 0.5
- Live-crown ratio (%): 50
- Rootball: A rootball at least 125mm in diameter and 200mm 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

5 SUMMARY OF PROPOSED PLANTING SPECIES FOR COMPENSATORY PLANTING

Summary of Proposed Planting Species for Compensatory Planting							
Location	Species	DBH (mm)	Crown Spread (m)	Overall Height (m)	Quantity (nos.)	Live-crown ratio (%)	Planting Matrix
Agricultural area	<i>Aglaia odorata</i> (米仔蘭)	15	0.5	1	15	50	2m centre apart
Agricultural area	<i>Lagerstroemia speciosa</i> (大花紫薇)	50	1	3	8	50	3m centre apart t
Agricultural area	<i>Podocarpus macrophyllus</i> (羅漢松)	15	0.5	1	12	50	3m centre apart
Agricultural area	<i>Polyspora axillaris</i> (大頭茶)	15	0.5	1	15	50	3m centre apart
Agricultural area	<i>Osmanthus fragrans</i> (桂花)	50	1	2	8	50	3m centre apart
Agricultural area	<i>Schefflera heptaphylla</i> (鴨腳木)	50	1	3	3	50	3m centre apart
Agricultural area	<i>Sterculia lanceolata</i> (假蘋婆)	50	1	3	8	50	3m centre apart
Agricultural area	<i>Tabebuia chrysantha</i> (黃花風鈴木)	50	1	3	8	50	3m centre apart
Agricultural area	<i>Xanthostemon chrysanthus</i> (金蒲桃)	50	1	3	8	50	3m centre apart
Total					85		