

Appendix 9A Broad Brush Tree Survey Schedule

Tree Groups	Works Layout	Estimated No. of Trees	Species		Estimated Species Composition	Species Origin	Estimated Tree Dimension			Overall Health Condition	Overall Structural Condition	Overall Form	Brief Description	Proposed Treatment (TBC upon Detail Design)
			Scientific Name	Chinese Name			Height (m)	DBH (mm)	Spread (m)					
TG1 Proposed Ancillary Building, Tunnel Portal and Re provision of Access Road	Ancillary Building, Tunnel Portal, Access Road	260	<i>Acacia confusa</i>	台灣相思	85.0%	Exotic	2-13	95-550	0-7	Fair	Fair	Poor (Many leaning)	Typical Acacia plantation slope blended with few native trees; Leaning; Not suitable for transplanting due to poor tree form	Tree Preservation ~0% Tree Removal ~100%
			<i>Sterculia lanceolata</i>	假蘋婆	5.7%	Native	4-6	95-160	2-5					
			<i>Mallotus paniculatus</i>	白楸	3.7%	Native	5-10	95-240	2-5					
			<i>Livistona chinensis</i>	蒲葵	2.4%	Native	3-8	190-290	2-4					
			<i>Ficus hispida</i>	對葉榕	0.8%	Native	3-5	100-125	3-4					
			<i>Alangium chinense</i>	八角楓	2.5%	Native	6-7	100-110	3-4					
			<i>Aporusa dioica</i>	銀柴		Native	6-7	120-125	3-4					
			<i>Ficus variegata</i>	青果榕		Native	6-7	100-105	3-4					
			<i>Ligustrum sinense</i>	山指甲		Exotic	6-7	100-105	3-4					
<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐		Native	5-6	100-110	4-5								
TG2 Vegetated Slope adjacent to Proposed Ancillary Building and Tunnel Portal	Slope Stabilisation Works	335	<i>Acacia confusa</i>	台灣相思	87.8%	Exotic	2-15	95-390	0-7	Fair	Fair	Poor (Many leaning)	Typical Acacia plantation slope blended with few native trees; Leaning; Not suitable for transplanting due to poor tree form	Tree Preservation ~100%
			<i>Mallotus paniculatus</i>	白楸	6.1%	Native	2-12	95-220	2-6					
			<i>Sterculia lanceolata</i>	假蘋婆	4.0%	Native	3-10	95-130	2-4					
			<i>Ligustrum sinense</i>	山指甲	0.6%	Exotic	4-6	95-105	3-4					
			<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	0.6%	Native	5-8	95-130	3-5					
			<i>Bridelia tomentosa</i>	土蜜樹	1.0%	Native	7-8	120-130	3-4					
			<i>Sapium discolor</i>	山烏桕		Native	6-7	100-110	3-4					
Dead Tree	死樹		-	8-9	95-100	2-3								
TG3 Vegetated Slope adjacent to Proposed Access Road	Slope Stabilisation Works	80	<i>Acacia confusa</i>	台灣相思	39.0%	Exotic	4-13	95-350	1-7	Poor to Fair	Poor to Fair	Poor (Many leaning)	Typical Acacia plantation slope blended with some native trees; Leaning	Tree Preservation ~100%
			<i>Sterculia lanceolata</i>	假蘋婆	15.0%	Native	4-6	95-160	2-5					
			<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	10.0%	Native	5-6	95-105	4-5					
			<i>Leucaena leucocephala</i>	銀合歡	9.0%	Exotic	2-6	95-110	1-5					
			<i>Mallotus paniculatus</i>	白楸	6.0%	Native	2-12	95-250	2-6					
			<i>Ficus hispida</i>	對葉榕	5.0%	Native	5-6	110-120	3-4					
			<i>Alangium chinense</i>	八角楓	4.0%	Native	3-7	95-110	3-6					
			<i>Bauhinia variegata</i>	宮粉羊蹄甲	2.0%	Exotic	6-10	95-350	1-5					
			<i>Bombax ceiba</i>	木棉	2.0%	Exotic	9-15	200-400	6-8					
			<i>Celtis sinensis</i>	朴	2.0%	Native	10-20	300-500	5-12					
			<i>Ficus microcarpa</i>	細葉榕	2.0%	Native	3-7	95-300	4-6					
			<i>Aporusa dioica</i>	銀柴	4.0%	Native	2-7	150-200	2-3.5					
			<i>Bauhinia x blakeana</i>	洋紫荊		Native	8-9	95-300	3-5					
			<i>Dimocarpus longan</i>	龍眼		Exotic	7-9	200-250	5-6					
Miscellaneous	其他		-	-		-	-							

Tree Groups	Works Layout	Estimated No. of Trees	Species		Estimated Species Composition	Species Origin	Estimated Tree Dimension			Overall Health Condition	Overall Structural Condition	Overall Form	Brief Description	Proposed Treatment (TBC upon Detail Design)
			Scientific Name	Chinese Name			Height (m)	DBH (mm)	Spread (m)					
TG4 Chuk Yuen Road (West)	Main/ Utilities installation	55	<i>Tabebuia chrysantha</i>	黃鐘木	27.0%	Exotic	2-6	95-200	2-6	Poor to Fair	Poor to Fair	Poor to Fair	Mostly ornamental roadside trees in planters or tree pits	Tree Preservation ~100%
			<i>Cinnamomum burmannii</i>	陰香	22.0%	Native	2-5	95-150	1.5-3					
			<i>Acacia auriculiformis</i>	耳果相思	18.0%	Exotic	12-19	150-250	6-8					
			<i>Peltophorum pterocarpum</i>	盾柱木	12.0%	Exotic	10-15	230-400	4-8					
			<i>Senna siamea</i>	鐵刀木	7.0%	Exotic	12	250	6					
			<i>Acacia confusa</i>	台灣相思	13.0%	Exotic	8	200	6					
			<i>Ficus microcarpa</i>	細葉榕		Native	6	200-500	6					
			<i>Lagerstroemia speciosa</i>	大花紫薇		Exotic	5-7	200-250	6					
			<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐		Native	5	250	7					
			Miscellaneous	其他		-	-	-	-					
TG5 Chuk Yuen Road (East)	Main/ Utilities installation	35	<i>Delonix regia</i>	鳳凰木	57.0%	Exotic	5-12	120-300	3-7	Fair	Fair	Fair	Mostly ornamental roadside trees in planters or tree pits	Tree Preservation ~100%
			<i>Melaleuca cajuputi</i> subsp. <i>cumingiana</i>	白千層	28.0%	Exotic	6-15	150-300	2-5					
			<i>Michelia x alba</i>	白蘭	11.0%	Exotic	5-7	95-150	2-5					
			<i>Bombax ceiba</i>	木棉	4.0%	Exotic	15	300	3					
			Miscellaneous	其他	-	-	-	-						
TG6 Sha Tin Pass Road, Tsz Wan Shan Road, Lung Fung Street and Sheung Fung Street	Main/ Utilities installation	80	<i>Aleurites moluccana</i>	石栗	37.5%	Exotic	12-18	400-700	6-10	Fair	Fair	Fair	Mostly ornamental roadside trees in planters or tree pits	Tree Preservation ~100%
			<i>Melaleuca cajuputi</i> subsp. <i>cumingiana</i>	白千層	12.5%	Exotic	7-8	200-300	4-5					
			<i>Ficus benjamina</i>	垂葉榕	11.3%	Exotic	3.5-6	150-300	3-5					
			<i>Ficus microcarpa</i>	細葉榕	7.5%	Native	7-17	200-600	5-10					
			<i>Leucaena leucocephala</i>	銀合歡	3.8%	Exotic	7-9	95-800	2-7					
			<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	2.5%	Native	5-10	150-700	4-10					
			<i>Lagerstroemia speciosa</i>	大花紫薇	2.5%	Exotic	5-7	200-300	4-7					
			<i>Acacia confusa</i>	台灣相思	16.0%	Exotic	10	600	10					
			<i>Celtis sinensis</i>	朴		Native	3	150-200	3-5					
			<i>Elaeocarpus decipiens</i>	杜英		Native	2-3	95-200	2-3					
			<i>Cinnamomum burmannii</i>	陰香		Native	2-5	150	3					
			<i>Liquidambar formosana</i>	楓香		Native	10	150	2.5					
			Miscellaneous	其他	-	-	-	-						
TG7 Proposed Temporary Storage near Lion Rock Road	Temporary Storage	20	<i>Leucaena leucocephala</i>	銀合歡	74.0%	Exotic	4-15	95-250	2-6	Poor	Poor	Poor	Common urban trees colonized along joints and cracks on concrete surfaces	Tree Preservation ~100%
			<i>Acacia confusa</i>	台灣相思	15.0%	Exotic	4-15	110-350	3-7					
			<i>Macaranga tanarius</i> var. <i>tomentosa</i>	血桐	5.0%	Native	3-6	95-200	3-5					
			<i>Ficus hispida</i>	對葉榕	5.0%	Native	3-7	95-200	4-6					
			Miscellaneous	其他	1.0%	-	-	-	-					














Estimated Total No. of Trees: **865 no.**

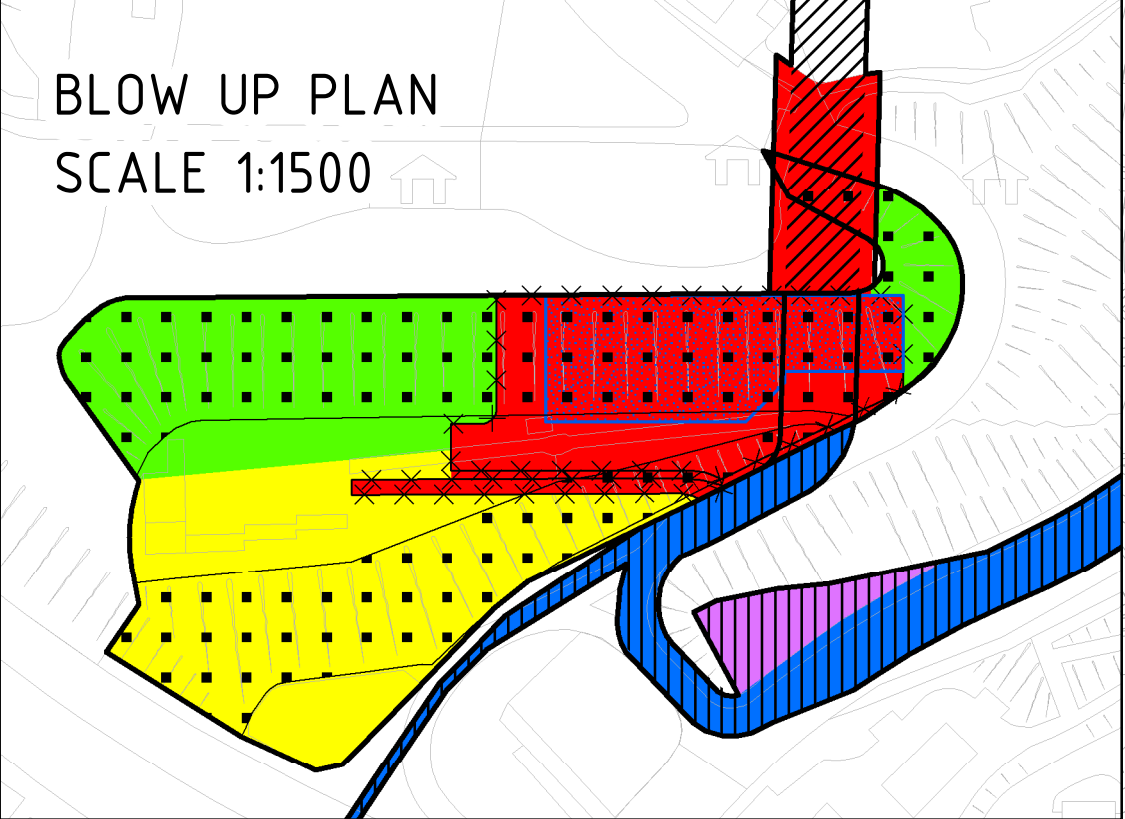
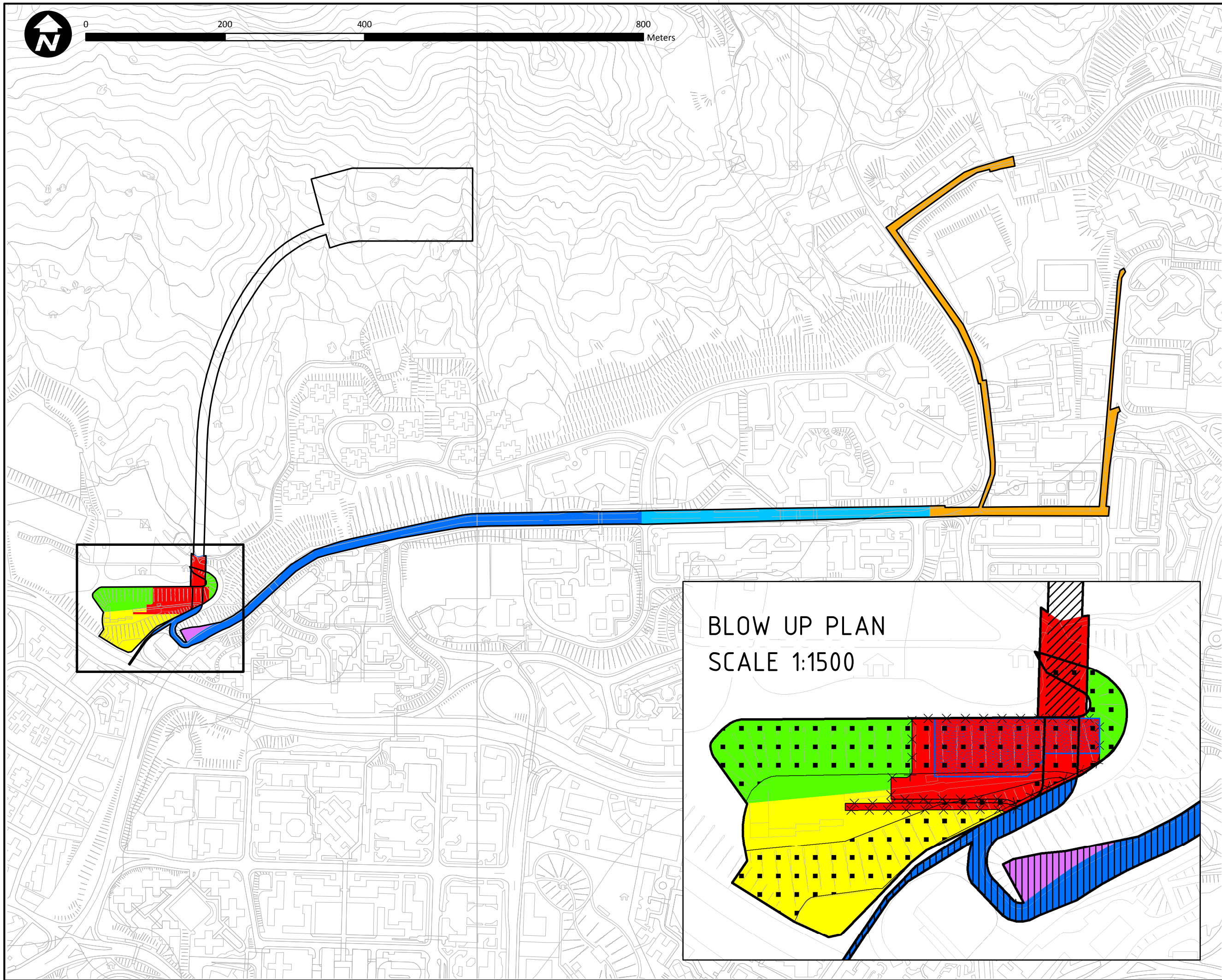
Estimated Total No. of Trees to be Removed: **260-300 no.**



0 200 400 800 Meters

© Copyright by Binnies Hong Kong Limited

-  PROJECT SITE
-  MAIN LAYING WORKS AND TEMPORARY STORAGE
-  CAVERNS AND ACCESS TUNNEL (UNDERGROUND)
-  SLOPE STABILIZATION
-  ANCILLARY BUILDING & TUNNEL PORTAL
-  PERMANENTLY LOST AREA
- TREE GROUP**
-  TG1
-  TG2
-  TG3
-  TG4
-  TG5
-  TG6
-  TG7



Revision	Date	Description			Initial
		Designed	Checked	Drawn	
Initial				KK,WC	GL
Date				12/04/2021	12/04/2021

Agreement no. CE 15/2018 (WS)

Agreement title
RELOCATION OF DIAMOND HILL FRESH WATER AND SALT WATER SERVICE RESERVOIRS TO CAVERNS

Figure title
BROAD BRUSH TREE SURVEY - LOCATION OF TREE GROUPS

Figure no.	Revision
APPENDIX 9.1	1

Scale 1 : 5,000 @A3





TG1



TG2



TG3



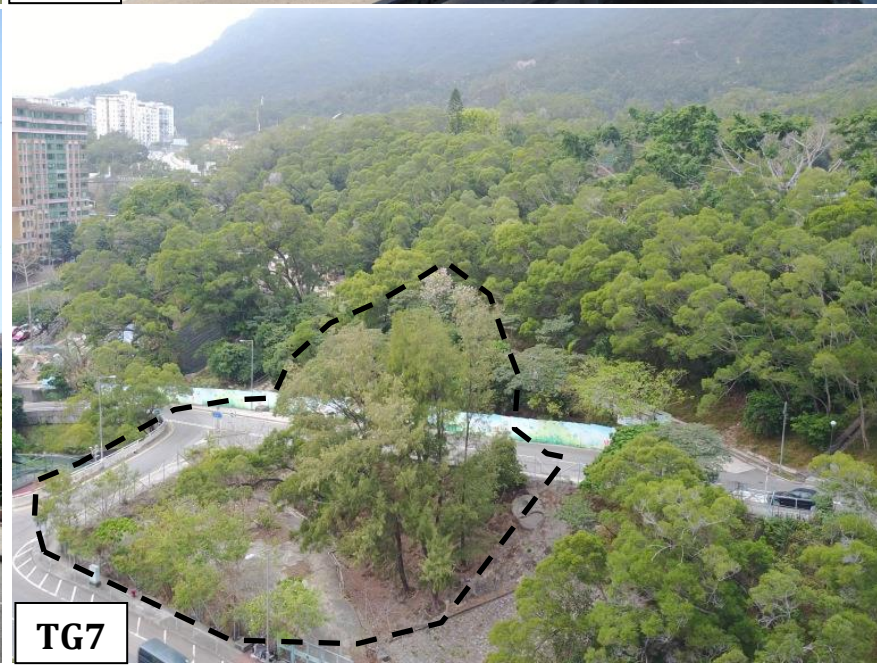
TG4



TG5



TG6



TG7

- INDICATIVE
- — LOCATION OF TREE GROUP
- EXAMPLE OF TREES
- ← WITHIN THE TREE GROUP

Revision	Date	Description			Initial
		Designed	Checked	Drawn	
				WC	GL
Date				2020/03/03	2020/03/03

Approved

Agreement No. CE 15/2018 (WS)

Project Title
RELOCATION OF DIAMOND HILL
FRESH WATER AND SALT WATER
SERVICE RESERVOIRS TO CAVERNS

Drawing Title
BROAD BRUSH TREE SURVEY
PHOTOGRAPH OF THE TREE GROUPS

Drawing No. APPENDIX 9.1	Revision 0
-----------------------------	---------------

Scale N.T.S

