

Notes:

1. Tree Maintenance Department

Tree Maintenance Department is summarized in accordance with ETWB TCW No.2/2004 Maintenace of Vegetation and Hard Landscape Features.

2. Trunk Diameter Measurement:

Tree trunks were measured in accordance with the Nature Conservation Practice Note No. 02/2003 "Measurement of Diameter at Breast Height (DBH)" by Conservation Branch, Agriculture, Fisheries and Conservation Department.

3. Particular Value (refer to Tree Assessment Criteria for details):

A	Amenity value: H - High; M - Medium; L - Low
C	Cultural / Commenmorative Value (Y - Yes; N - No)
E	Ecological Value or Significance (H - High; M - Medium; L - Low)
H	Historical / heritage value (Y - Yes; N - No)
O	Registered Old & Valuable Tree (Y - Yes; N - No)
P	Protected species or rare species protected under Forests and Countryside Ordinance (Cap. 96) and/or Protection and Endangered Species of Animals and Plants Ordinance (Cap, 586), or species listed in "Rare and Precious Plants of Hong Kong" (AFCD, 2003) (Y - Yes; N - No)

4. Location

C	On concrete
F	On flat land
P	Root zone largely paved
PL	In planters
R	On rocks
S	On slopes
TOE	On slope or wall toes
TOP	On top of wall or slopes
TR	In tree rings
W	On wall

5. Justification for Tree Felling:

1	Trees in direct conflict with the proposed works
2	Poor health and/or form does not support transplanting
3	Significant access contraints preclude transplanting
4	Species of low post-transplanting survival rate anticipated
5	Not practical to prepare root ball for tree transplanting due to the topography (e.g. trees growing on rocks, steep slopes or other structures)
6	Species of low landscape and/or ecological value, can be easily compensated
7	Dead, hazardous and/or undesirable specimens (e.g. self-seeded, invasive weedy species) which should be removed for site maintenance purposes

6. Department(s) to Provide Expert Advice on Tree Removal:

Department(s) to provide expert advice on tree removal is summarized in accordance with ETWB TCW No.3/2006 Tree Preservation.

7. Remarks

General Form

cl	Overgrown climbers atop tree crown
fd	Felled down
lt	Lion's tailing
sh	Stag-headed
sp	Stump sprout
to	Topped/ head cut
ts	Tree stump (without sprouts)
un	Unbalanced form

Crown

pn	Excessively pruned/ thinned/ reduced
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hc Heavy crown load

Foliage

af Abnormal defoliation  
ch Chlorotic leaves  
ls Leaf size smaller than usual  
ne Necrotic leaves  
sf Sparse foliage  
wl Wilted leaves

General Symptoms

ab Abrupt bends, crooks  
br Limbs or trunks broken off  
bu Bulge  
bl Bleeding/sap flow  
ca Cavity  
ck Cankers  
cr Crossed trunks/limbs  
cs Cracks/splits  
de Wood decay  
ds Dead stub  
dw Dead wood  
ep Epicormics/ water sprouts  
fu Present of fungal fruiting bodies  
ib Included bark  
lb Loose, cracked bark  
mi Mechanical injury  
pa Parasitic plants  
pe Pest or termites/borers injury  
ws Wounds or seams

Specific Symptoms

Roots

dr Dead surface roots  
er Exposed roots  
gr Gridling roots  
rm Root-plate movement  
rp Cut/pruned roots  
rr Root rot  
pr Paved roots

Trunks

be Bending trunk  
co Co-dominant stems  
fo Forked  
le Leaning  
mu Multiple attachments, multi-trunks  
sl Seriously leaning  
vc V-shaped crotch

Scaffolds & Branches

db Dead branches  
ha Hangers

Notes:

hl	Heavy lateral limbs
lt	Lion's tailing
tb	Twisted branches
td	Twig dieback

Protection Measures

cb	Cabling, staking or guying
fe	Protective fencing
pp	Propping
tg	Tree guard and/or tree grates
wp	Protective wrapping such as hessian or burlap
tpz	Tree protection zone

Tree Assessment Schedule

Tree (Photo) No.	Scientific name	Chinese Common Name	Tree Maintenance Department <sup>1</sup> / Responsibilities	Coordinates		Elevation (m)	Species Origin	Size			Form (Good/Fair/ Poor)	Health (Good/ Fair/ Poor)	Particular Value <sup>3</sup>						Location <sup>4</sup>	Survival Rate after Transplanting (High/ Medium/ Low)	Recommendation (Retain/ Retain + Prune/ Transplant/ Fell/ Remove)	Justification for Tree Felling <sup>5</sup>							Department(s) to Provide Expert Advice on Tree Removal <sup>6</sup>	Remarks <sup>7</sup>								
				Northing	Easting			Overall Height (m)	Trunk Diameter <sup>2</sup> (mm)	Crown Spread (m)			A	C	E	H	O	P				1	2	3	4	5	6	7		General Form	Foliage	Crown	Root	Trunk	Scaffolds	Branches	Protection Measures	Others
T001	<i>Morus alba</i>	桑	EMSD	814541.514	842921.145	3.79	Native	4.0	210	3.0	Poor	Poor	L	N	M	N	N	N	F	Low	Fell	Y	Y		Y	Y				LCSD		ch						close to wire fence, u-channel
T002	<i>Macaranga tanarius</i>	血桐	EMSD	814544.315	842918.667	3.87	Native	4.0	170	6.0	Fair	Fair	L	N	M	N	N	N	F,S	Low	Retain								LCSD		ch, sf			le			road edge	
T003	<i>Macaranga tanarius</i>	血桐	EMSD	814565.129	842902.016	3.85	Native	5.0	250	5.0	Fair	Fair	L	N	M	N	N	N	C,F	Low	Retain								LCSD			sp	db				close to fence, concrete	
T004	<i>Leucaena leucocephala</i>	銀合歡	EMSD	814497.380	842884.687	3.85	Exotic	4.0	100	4.0	Fair	Fair	L	N	L	N	N	N	P	Low	Remove	Y				Y	Y	Y	LCSD									
T005	<i>Leucaena leucocephala</i>	銀合歡	EMSD	814492.078	842859.786	3.86	Exotic	3.0	100	4.0	Poor	Poor	L	N	L	N	N	N	P	Low	Remove	Y	Y			Y	Y	Y	LCSD	td				le, cs				
T006	<i>Leucaena leucocephala</i>	銀合歡	EMSD	814494.697	842850.519	3.71	Exotic	5.0	40+50+200	6.0	Poor	Poor	L	N	L	N	N	N	F	Low	Remove	Y	Y			Y	Y	Y	LCSD	fd,td			rm	mu x3, lb				
T007	<i>Celtis sinensis</i>	朴樹	EMSD	814486.728	842839.380	3.87	Native	6.0	20+180	4.0	Poor	Fair	L	N	M	N	N	N	P	Low	Fell	Y	Y			Y			LCSD					mu x2				
T008	<i>Leucaena leucocephala</i>	銀合歡	EMSD	814480.211	842868.836	3.67	Exotic	6.0	80+120	5.0	Poor	Poor	L	N	L	N	N	N	F	Low	Remove	Y	Y			Y	Y	Y	LCSD	cl	sf		er	sl, mu x2		ha		
T009	<i>Leucaena leucocephala</i>	銀合歡	EMSD	814478.820	842869.411	3.57	Exotic	5.0	100.00	4.0	Poor	Poor	L	N	L	N	N	N	F	Low	Remove	Y	Y			Y	Y	Y	LCSD	cl	sf		er	sl				
T010	<i>Leucaena leucocephala</i>	銀合歡	EMSD	814472.804	842863.220	3.84	Exotic	6.0	100+80	4.0	Poor	Poor	L	N	L	N	N	N	P,F	Low	Remove	Y	Y			Y	Y	Y	LCSD	cl,td				mu x2				
T011	<i>Leucaena leucocephala</i>	銀合歡	EMSD	814468.510	842861.132	3.86	Exotic	6.0	100+90+80	5.0	Poor	Poor	L	N	L	N	N	N	P,F	Low	Remove	Y	Y			Y	Y	Y	LCSD	cl,td				mu x3, le				
T012	<i>Leucaena leucocephala</i>	銀合歡	EMSD	814474.561	842853.001	3.95	Exotic	5.0	100	3.0	Poor	Poor	L	N	L	N	N	N	P,F	Low	Remove	Y	Y			Y	Y	Y	LCSD	cl	sf		er	mu x2				
T013	<i>Celtis sinensis</i>	朴樹	EMSD	814463.135	842849.882	4.08	Native	7.0	160	4.0	Fair	Fair	L	N	M	N	N	N	P,F	Low	Fell	Y				Y			LCSD	cl			er					
T014	<i>Leucaena leucocephala</i>	銀合歡	EMSD	814513.154	842887.069	3.74	Exotic	4.0	150	3.0	Fair	Fair	L	N	L	N	N	N	F,C	Low	Remove	Y				Y	Y	Y	LCSD									
T015	<i>Macaranga tanarius</i>	血桐	EMSD	814469.444	842837.972	4.13	Native	7.0	400	6.0	Poor	Poor	L	N	M	N	N	N	F,C	Low	Fell	Y	Y			Y			LCSD	cl,td				co,lb			Dia. measured at 35cm	
T016	<i>Leucaena leucocephala</i>	銀合歡	EMSD	814473.422	842831.873	4.04	Exotic	6.0	150	4.0	Poor	Poor	L	N	L	N	N	N	F	Low	Remove	Y	Y			Y	Y	Y	LCSD	td			rm, er	sl				
T017	Dead tree	死樹	EMSD	814477.038	842830.431	3.85	Exotic	6.0	150	4.0	--	--	--	--	--	--	--	F	N.A.	Remove	Y						Y	LCSD										
T018	<i>Macaranga tanarius</i>	血桐	EMSD	814472.300	842825.686	4.30	Native	7.0	500	5.0	Poor	Fair	L	N	M	N	N	N	P,F,C	Low	Retain + prune								LCSD	td				er	co, lb			Dia. measured at 50cm
T019	<i>Macaranga tanarius</i>	血桐	EMSD	814471.227	842827.436	4.61	Native	8.0	400	4.0	Poor	Fair	L	N	M	N	N	N	P,F,C	Low	Retain + prune								LCSD	td				er	co			Dia. measured at 35cm
T020	<i>Macaranga tanarius</i>	血桐	EMSD	814470.528	842828.833	4.61	Native	8.0	180	4.0	Fair	Fair	L	N	M	N	N	N	P,F,C	Low	Retain + prune								LCSD	td								
T021	<i>Macaranga tanarius</i>	血桐	EMSD	814469.599	842830.362	4.65	Native	8.0	180+70	4.0	Poor	Fair	L	N	M	N	N	N	P,F,C	Low	Retain + prune								LCSD	td	sf				mu x2			
T022	<i>Macaranga tanarius</i>	血桐	EMSD	814471.356	842832.359	4.26	Native	8.0	250	5.0	Fair	Fair	L	N	M	N	N	N	F,C	Low	Fell	Y				Y			LCSD	cl,td				er				
T023	<i>Macaranga tanarius</i>	血桐	EMSD	814468.782	842832.997	4.60	Native	8.0	180	5.0	Fair	Fair	L	N	M	N	N	N	P,F,C	Low	Retain + prune								LCSD	cl				lb				
T024	<i>Macaranga tanarius</i>	血桐	EMSD	814468.039	842838.455	4.08	Native	8.0	160	4.0	Fair	Fair	L	N	M	N	N	N	P,F	Low	Fell	Y				Y			LCSD	td	sf							
T025	<i>Macaranga tanarius</i>	血桐	EMSD	814466.257	842841.482	4.17	Native	9.0	350	6.0	Poor	Poor	L	N	M	N	N	N	F	Low	Fell	Y	Y			Y			LCSD	td,cl	sf,ls			lb, co	dw			Dia. measured at 60cm, half tree died
T026	<i>Ligustrum sinense</i>	山指甲	EMSD	814462.100	842849.942	4.14	Native	5.0	190	6.0	Poor	Fair	L	N	M	N	N	N	F	Low	Fell	Y	Y			Y			LCSD	td	sf			le,ep				
T027	<i>Macaranga tanarius</i>	血桐	EMSD	814458.741	842851.543	4.14	Native	7.0	180	5.0	Fair	Fair	L	N	M	N	N	N	F	Medium	Retain + prune								LCSD	td								
T028	<i>Macaranga tanarius</i>	血桐	EMSD	814458.383	842852.284	4.19	Native	7.0	120	5.0	Fair	Fair	L	N	M	N	N	N	F	Medium	Retain + prune								LCSD	td,cl								
T029	<i>Macaranga tanarius</i>	血桐	EMSD	814459.314	842857.084	4.22	Native	6.0	170	4.0	Fair	Fair	L	N	M	N	N	N	P,F	Low	Fell	Y				Y			LCSD	td,cl							close to utilities,fence	
T030	<i>Macaranga tanarius</i>	血桐	EMSD	814457.749	842856.263	4.07	Native	9.0	250	6.0	Fair	Fair	L	N	M	N	N	N	F	Low	Fell	Y				Y			LCSD	td	sf,ls			le				
T031	<i>Macaranga tanarius</i>	血桐	EMSD	814455.743	842857.755	4.23	Native	9.0	170	5.0	Fair	Fair	L	N	M	N	N	N	F,C	Low	Retain + prune								LCSD	td			gr					





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**T017**

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**T018**

## Retain + Prune



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T019	Retain + Prune				
T020	Retain + Prune				
T021	Retain + Prune				

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Client									
機電工程署 EMSD									
 建築署 Architectural Services Department									
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Project									
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# Fell

## Retain + Prune

# Fell



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T025	Fell				
					
					
					

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T028	Retain + Prune			
T029	Fell			
T030	Fell			

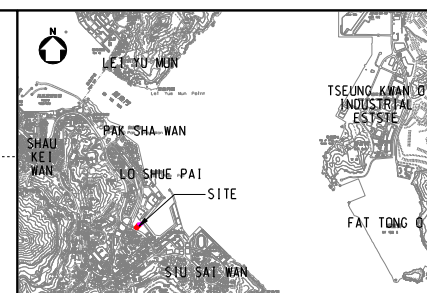
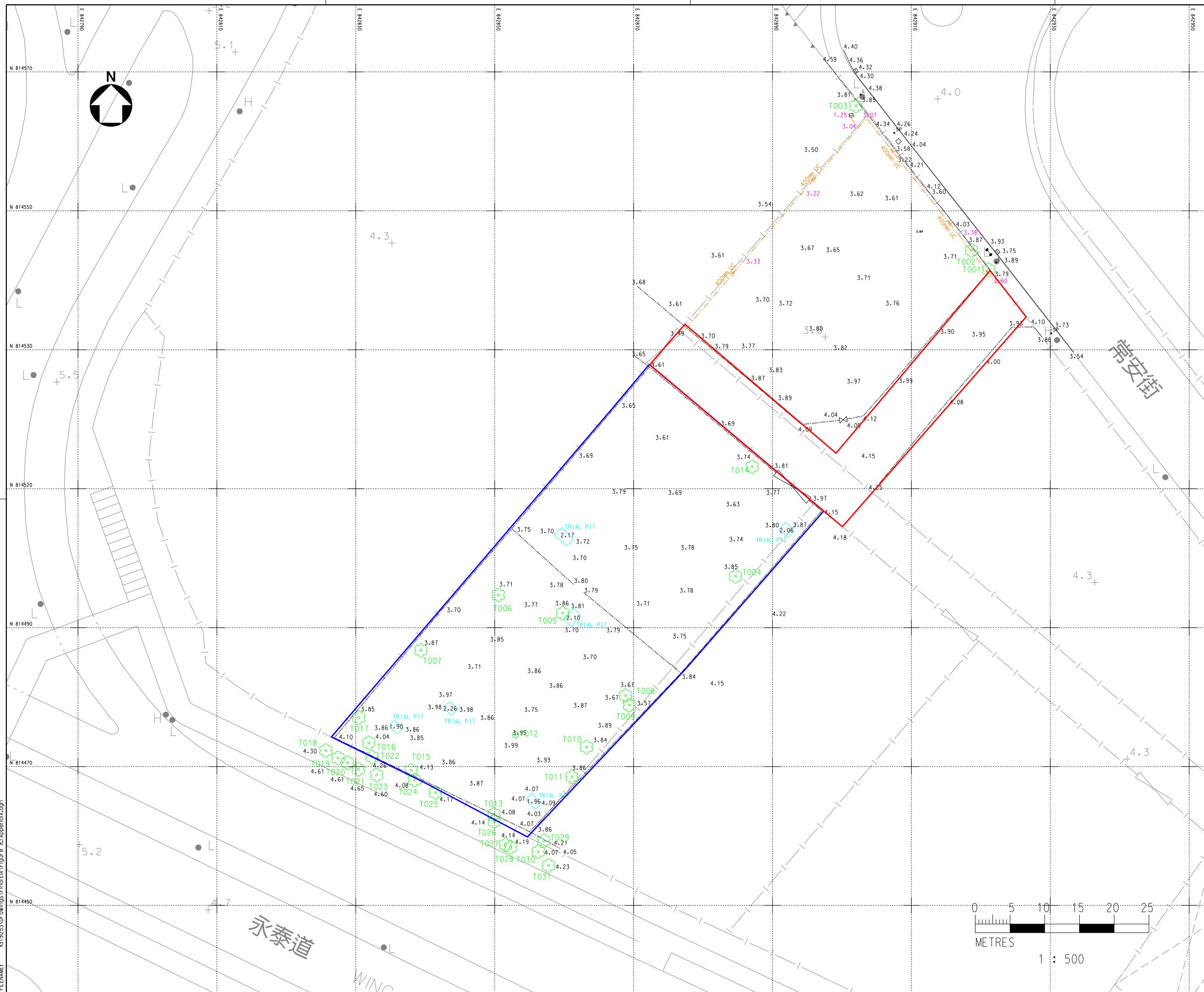
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T031	Retain + Prune
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<div style="text-align: center;">               Meinhardt Infrastructure and Environment Limited              邁進基建環境保工程顧問有限公司           </div>										
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LOCATION PLAN  
SCALE 100,000

LEGEND:

- |   |                             |
|---|-----------------------------|
|  | PROJECT BOUNDARY            |
|  | RIGHT OF WAY                |
|  | Sign board                  |
|  | Fence/Railing               |
|  | U-Channel/<br>Cover Channel |
|  | Gate                        |
|  | Gully                       |
|  | Manhole                     |
|  | Lamp post                   |
|  | Sign pole                   |
|  | Tree & Tree No.             |
| 3.75  | Spot Level                  |
| 3.75  | Invert Level                |

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機電工程署  
EMSD



**Meinhardt Infrastructure and Environment Limited**  
**邁進基建環保工程顧問有限公司**

Project	Quotation No. ASD/PSB/PM1/PM14/01/11 Consultancy Services for Application for Environmental Permit under the Environmental Impact Assessment Ordinance for Construction of EMSD Hong Kong Workshop at Sheung On Street, Chai Wan
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Title  
APPENDIX 8.1 TREE ASSESSMENT SCHEDULE  
(TOPOGRAPHICAL SURVEY)

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永泰道

WING