



GREENERY PLAN AT 1/5

- LEGEND:
- GREENERY AREA
 - WATER FEATURE
 - COVERED GREENERY AREA

I hereby certify this drawing is a true copy of its original.

Chan Wan Ming
Authorized Person (Architect)
AP/452/86

Note: This plan has been processed on a satellite check basis under the satellite processing system as promulgated by PAUP/ADM-18. The duties of the authorized person, registered structural engineer and/or registered professional engineer concerned as specified under section 4(3)(b) and the provisions of section 14(2)(c) of the Buildings Ordinance are of particular relevance in this regard.

Plan Approved
TANG Kwok-sing
Senior Building Surveyor
LAW BUILDING AUTHORITY
15/8 AUG 2022

THE WORKS SHOWN ON THESE PLANS ARE TYPE II WORKS. GENERAL BUILDING WORKS IN RESPECT OF WHICH CONSENT IS APPLIED FOR THE PURPOSE OF FAST TRACK CONSENT APPLICATION UNDER REGULATION 33 OF THE BUILDING (ADMINISTRATION) REGULATIONS.

RECORD PLAN

CHAN WAN MING
Authorized Person (Architect)

B.D. COPY

AMENDED PLAN

1. GREENERY AREAS AT PEDESTRIAN ZONE
CALCULATIONS AT 1/5

F1	=	125.860	G1	=	8.110	J1	=	222.322	R1	=	47.125	DEDUCT	=	16.244
F2	=	24.785	G2	=	8.038	J2	=	10.130	R1a	=	7.578	Fa	=	15.101
F3	=	27.493	G3	=	16.386	J3	=	16.778	R2	=	6.555	Fb	=	15.101
F4	=	246.667	G4	=	3.079	J4	=	112.048	R3	=	9.071	Fc	=	0.000
F4a	=	15.589	G5	=	26.782	J5	=	10.130	R4	=	13.954	Fd	=	23.473
F5	=	366.749	G6	=	8.375	J6	=	57.887	R5	=	35.578	Fe	=	3.585
F6	=	14.910	G7	=	23.123	J7	=	6.687	R7	=	18.915	Ff	=	9.196
F7	=	100.179	G8	=	5.064	J8a	=	45.931	R8	=	22.880	Fg	=	13.776
F8	=	12.892	G9	=	167.119	J9	=	14.944	R9	=	119.692	Fh	=	4.077
F9	=	11.828	G10	=	0.000	J10	=	4.521	R10	=	18.535	Ja	=	8.923
F10	=	3.173	G11	=	0.000	J11	=	7.050	R11	=	80.928	Jb	=	12.712
F11	=	2.352	G12	=	0.000	J12	=	15.255	R12	=	12.413	Jc	=	6.551
F12	=	83.574	G13	=	0.000	J13	=	24.777	R13	=	14.418			
F13	=	6.901	G14	=	35.661	J14	=	0.000	R14	=	76.550			
F13a	=	0.000	G15	=	19.930	J15	=	12.545	R15	=	120.494			
F14	=	0.000	G16	=	17.910	J16	=	45.061	R16	=	28.310			
F15	=	28.877	G17	=	2.925	J17	=	5.894	R17	=	12.353			
F16	=	0.000	G18	=	54.444	J18	=	6.962	R18	=	63.818			
F17	=	20.364	G19	=	13.646	J18a	=	0.819	R19	=	70.508			
F18	=	7.119	G20	=	16.048	J19	=	1.109	R20	=	22.966			
F19	=	11.091	G21	=	0.413	J20	=	14.346	R21	=	28.983			
F20	=	2.764	G22	=		J21	=	1.602	R22	=	18.428			
F21	=	21.146	H1	=	5.716	J22	=	17.696	R23	=	17.830			
F22	=	15.706	H2	=	9.612	J23	=	11.127	R24	=	33.428			
F23	=	28.006	H2a	=	1.116	J24	=	18.467	R25	=	58.250			
F24	=	24.466	H3	=	13.727	J25	=	11.022	R26	=	71.405			
F25	=	19.814	H4	=	27.979	J26	=	27.891	R27	=	100.306			
F26	=	105.302	H4a	=	13.727	R28	=		R28	=	4.908			
F27	=	149.024	H5	=	23.255	R29	=		R29	=	4.341			
F28	=	11.652	H5a	=	36.374	R30	=		R30	=	20.600			
F29	=	19.836	H6	=	3.373	R31	=		R31	=	17.099			
F30	=	3.570	H7	=	15.764	R32	=		R32	=	18.795			
F30a	=	9.920	H8	=	16.960	R33	=		R33	=	43.163			
F31	=	35.720	H9	=	10.362	R34	=		R34	=	58.991			
F32	=	0.738	H10	=	3.801	R35	=		R35	=	22.781			
			H11	=	18.400	R36	=		R36	=	0.000			
			H12	=	11.133	R37	=		R37	=	11.054			
			H13	=	25.603	R38	=		R38	=	11.341			
			H14	=	10.105	R39	=		R39	=	11.341			
			H15	=	33.025									
			H16	=	32.503									
			H17	=	30.632									
			H18	=	32.794									
											SUB-TOTAL	=	4463215	

2. GREENERY AREAS AT WATER FEATURE
CALCULATIONS AT 1/5

W1	=	0.000		
W2	=	132.500		
W3	=	0.000		
W4	=	0.000		
		TOTAL	=	132.500
		50%	=	66.250

3. COVERED GREENERY AREAS
(MEASURED FROM 45° PROJECTED LINE TAKEN FROM THE EDGE OF BUILDING)
CALCULATIONS AT 1/5

Y1	=	10.393	Y46	=	16.481		
Y2	=	23.805	Y47	=	68.855		
Y3	=	0.000	Y48	=	102.126		
Y4	=	8.585	Y49	=	47.928		
Y5	=	43.085	Y49a	=	3.652		
Y6	=	0.000	Y50	=	1.075		
Y7	=	0.000	Y51	=	0.409		
Y8	=	23.061	Y52	=	6.462		
Y9	=	19.914	Y53	=	1.204		
Y9a	=	12.127	Y54	=	10.135		
Y10	=	11.150	Y55	=	98.136		
Y11	=	0.000	Y56	=	7.171		
Y12	=	7.277	Y57	=	14.270		
Y12a	=	1.980	Y58	=	10.496		
Y13	=	2.610	Y59	=	24.225		
Y14	=	13.424	Y60	=	68.900		
Y15	=	14.192	Y61	=	17.031		
Y15a	=	2.249	Y62	=	3.886		
Y16	=	2.577	Y63	=	3.890		
Y17	=	4.452	Y64	=	11.388		
Y18	=	4.275	Y64a	=	0.368		
Y19	=	0.000	Y65	=	2.041		
Y20	=	29.322	Y66	=	2.596		
Y21	=	5.790	Y67	=	5.590		
Y22	=	15.887	Y68	=	6.712		
Y25	=	11.863	Y69	=	2.322		
Y26	=	4.928	Y70	=	16.865		
Y27	=	3.305	Y71	=	8.276		
Y28	=	11.343	Y72	=	12.732		
Y28a	=	9.117	Y73	=	2.446		
Y29	=	17.780	Y74	=	1.573		
Y30	=	18.088	Y75	=	0.000		
Y31	=	5.218	Y76	=	0.529		
Y32	=	8.819	Y77	=	2.869		
Y33	=	21.058	Y78	=	2.285		
Y34	=	6.804	Y79	=	11.840		
Y35	=	6.080	Y80	=	0.000		
Y36	=	0.000	Y81	=	9.862		
Y37	=	2.468	Y82	=	10.396		
Y38	=	0.000	Y83	=	5.504		
Y39	=	0.000	Y84	=	2.909		
Y40	=	0.000	Y85	=	14.430		
Y41	=	3.651	Y86	=	16.349		
Y42	=	3.625	Y87	=	2.278		
Y43	=	10.861					
Y43a	=	1.472					
Y44	=	20.977					
Y44a	=	2.755					
Y44b	=	6.652					
Y45	=	26.759					
					SUB-TOTAL	=	1117.870
					50%	=	558.935

4. CALCULATION OF GREENERY

	OPEN PLANTING	V.G. (100%)	COVERED PLANTING (50%)	WATER FEATURE (50%)	SUB-TOTAL
G/F	5323.982	2420.722	429.160	205.211	8379.075
1/F	4353.737	-	558.935	66.250	4978.922
TOTAL	9677.719	2420.722	988.095	271.461	13357.997

SITE COVERAGE GREENERY CALCULATION
(UNDER B.O.)

A. SITE AREA	=	42824.218 s.m.
B. MINIMUM SITE COVERAGE OF GREENERY = 42824.218 x 30%	=	12847.265 s.m.

PROPOSED TOTAL SITE COVERAGE OF GREENERY:		
G/F OPEN PLANTING AREAS	=	5323.982 s.m.
G/F VERTICAL GREEN	=	2420.722 s.m.
G/F WATER FEATURES	=	205.211 s.m.
G/F COVERED GREENERY AREAS	=	429.160 s.m.
1/F OPEN PLANTING AREAS	=	4353.737 s.m.
1/F WATER FEATURES	=	66.250 s.m.
1/F COVERED GREENERY AREAS	=	558.935 s.m.
TOTAL	=	13357.997 s.m.

DEDUCT		
AREA FOR MANHOLE COVERS, CONCRETE PLINTHS FOR M&E, LIGHTING, CCTV, JUNCTION BOXES, RIRIGATION POINTS, FEATURE SEATINGS, MEDIA FEATURE, SIGNAGE AND SCULPTURES	=	185.000 s.m.
TOTAL	=	13172.997 s.m. > 12847.265 s.m.

C. SITE COVERAGE OF GREENERY AT PEDESTRIAN ZONE = 42824.218 x 15%

PROPOSED TOTAL SITE COVERAGE OF GREENERY AT PEDESTRIAN ZONE:		
G/F OPEN PLANTING AREAS	=	5323.982 s.m.
G/F VERTICAL GREEN	=	2420.722 s.m.
G/F WATER FEATURES	=	205.211 s.m.
G/F COVERED GREENERY AREAS	=	429.160 s.m.
1/F OPEN PLANTING AREAS	=	4353.737 s.m.
1/F WATER FEATURES	=	66.250 s.m.
1/F COVERED GREENERY AREAS	=	558.935 s.m.
TOTAL	=	13357.997 s.m. > 6423.633 s.m.

D. SITE COVERAGE OF GREENERY OF OTHER GREENING FEATURES (MAX. 30% OF TOTAL GREENERY AREA REQUIRED)

G/F VERTICAL GREEN	=	2420.722 s.m.
G/F WATER FEATURES	=	205.211 s.m.
G/F COVERED GREENERY AREAS	=	429.160 s.m.
1/F WATER FEATURES	=	66.250 s.m.
1/F COVERED GREENERY AREAS	=	558.935 s.m.
TOTAL	=	3680.278 s.m.

3680.278 / 12847.265 x 100% = 28.646 % < 30%

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J	JUL 2022	AMENDMENT
H	SEP 2021	AMENDMENT
G	DEC 2020	AMENDMENT
F	FEB 2020	AMENDMENT
E	AUG 2019	RE-SUBMISSION
D	JUN 2019	AMENDMENT
C	SEPT 2018	GENERAL-SUBMISSION
B	DEC 2017	RE-SUBMISSION
A	JUL 2017	RE-SUBMISSION
-	MAR 2015	FIRST SUBMISSION

P&T Architects Limited
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PROJECT / 工程項目
PROPOSED RESIDENTIAL DEVELOPMENT
AT AREA 54, SIU HONG, TIEN MUN
N.T. - T.M.T.L.483 AND THE EXTENSION THERETO

DRAWING / 圖名
GREENERY CALCULATION (2/3)

SCALE / 比例
1:600
JOB NUMBER / 工程編號
4518
DATE / 日期
MAR 2015
DRAWING NUMBER / 圖號
C-03-01

DESIGNED / 設計
CHECKED / 審核
APPROVED / 審定

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