

GREENERY AREA CALCULATION

GREENERY AREA AT PRIMARY ZONE

SITE AREA = 5830 m² (> 1000 m² < 20000 m²)

① GREENERY AREA	= 76.047 m ²
② GREENERY AREA	= 479.990 - 4.200 - 4.156 - 0.490 - 0.640 - 0.250 - 6.380 - 0.640 - 1.156 - 0.250 - 1.156 - 0.490 = 462.822 m ²
③ GREENERY AREA	= 7.551 m ²
④ GREENERY AREA	= 7.008 m ²
⑤ GREENERY AREA	= 35.676 m ²
⑥ GREENERY AREA	= 23.970 m ²
⑦ GREENERY AREA	= 11.533 m ²
⑧ GREENERY AREA	= 14.599 m ²
⑨ GREENERY AREA	= 4.379 m ²
⑩ GREENERY AREA	= 31.620 m ²
⑪ GREENERY AREA	= 10.226 m ²
⑫ GREENERY AREA	= 19.576 m ²
⑬ GREENERY AREA	= 15.950 m ²
⑭ GREENERY AREA	= 2.151 m ²
⑮ GREENERY AREA	= 112.073 m ²
⑯ GREENERY AREA	= 23.088 m ²
⑰ GREENERY AREA	= 10.809 m ²
⑱ GREENERY AREA	= 1.719 m ²

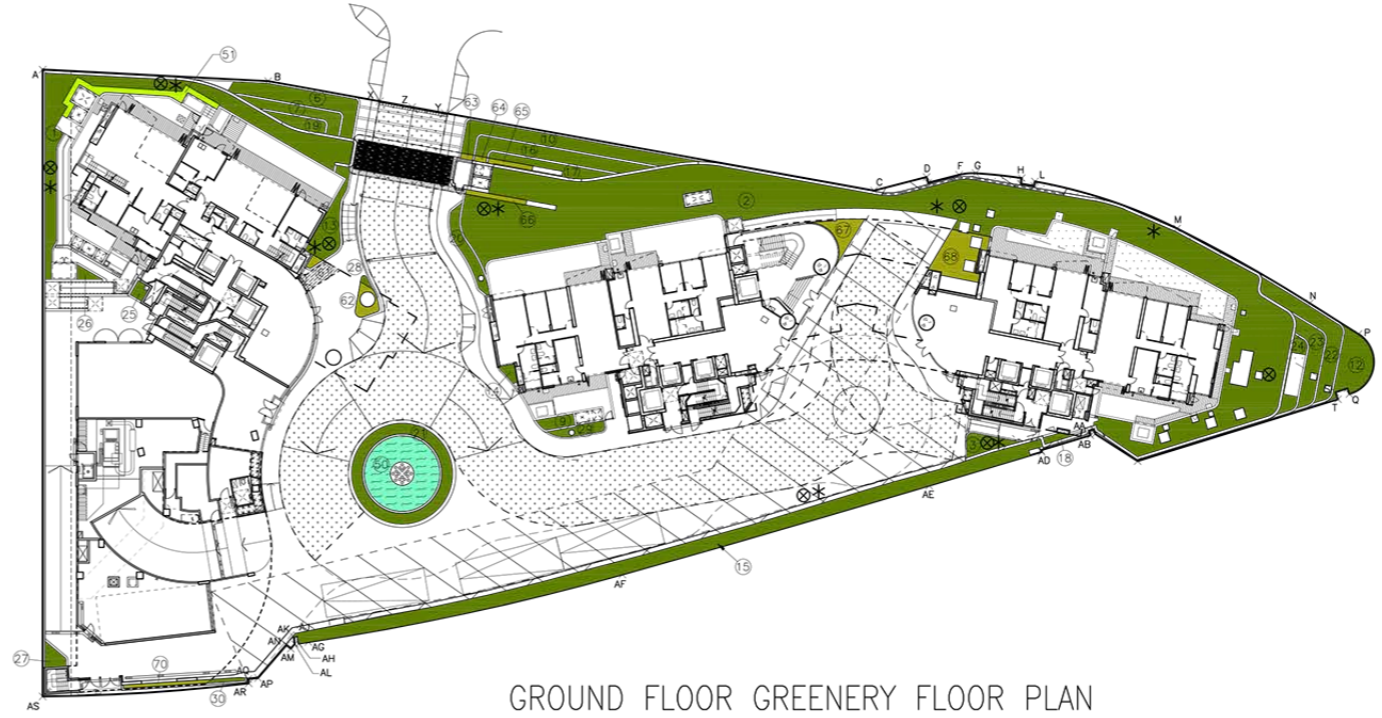
⑲ GREENERY AREA	= 6.309 m ²
⑳ GREENERY AREA	9.820 - 0.283 = 9.537 m ²
㉑ GREENERY AREA	89.920 - 55.550 = 34.370 m ²
㉒ GREENERY AREA	= 25.016 m ²
㉓ GREENERY AREA	15.156 - 0.490 - 0.456 = 14.666 m ²
㉔ GREENERY AREA	= 5.555 m ²
㉕ GREENERY AREA	= 2.165 m ²
㉖ GREENERY AREA	= 2.158 m ²
㉗ GREENERY AREA	= 4.007 m ²
㉘ GREENERY AREA	= 0.757 m ²
㉙ GREENERY AREA	5.483 - 0.283 = 5.766 m ²
㉚ GREENERY AREA	= 1.381 m ²
Sub-Total	= 914.975 m ²

LEGENDS:

- * IRRIGATION POINT
- ⊗ DRAINAGE PROVISION
- GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)
- GRASS PAVING (PEDESTRIAN ZONE)
- GREENERY AREA (COVERED AREA)
- GREEN WALL

GREENING FEATURE	LOCATION	AREA	REDUCTOR FACTOR	TOTAL
WATER FEATURE	G/F	45.357	0.500	22.679
GRASS PAVING	G/F	13.213	0.500	6.607
COVERED GREENERY AREA	G/F	44.176	0.500	22.088
TOTAL				51.374

MAX. 30% OF THE TOTAL GREENERY AREA = 1166.0 x 30% m² = 349.800 m² > 51.374 m²



GROUND FLOOR GREENERY FLOOR PLAN

GREENERY AREA AT PRIMARY ZONE (WATER FEATURE)

⑤⑤ GREENERY AREA (WATER FEATURE)	= 45.357 m ²
Total	= 45.357 m ²

GREENERY AREA AT PRIMARY ZONE (GRASS PAVING)

⑤⑥ GREENERY AREA (GRASS PAVING)	= 13.213 m ²
⑤⑦ GREENERY AREA (GRASS PAVING)	= 22.856 m ²
Total	= 13.213 m ²

GREENERY AREA AT PRIMARY ZONE (COVERED GREENERY AREA)

⑥① GREENERY AREA (COVERED)	= 1.210 m ²
⑥② GREENERY AREA (COVERED)	= 4.429 m ²
⑥③ GREENERY AREA (COVERED)	= 0.730 m ²
⑥④ GREENERY AREA (COVERED)	= 0.724 m ²
⑥⑤ GREENERY AREA (COVERED)	= 2.422 m ²
⑥⑥ GREENERY AREA (COVERED)	= 3.251 m ²
⑥⑦ GREENERY AREA (COVERED)	= 8.813 m ²
⑥⑧ GREENERY AREA (COVERED)	= 19.239 m ²
⑥⑨ GREENERY AREA (COVERED)	= 0.783 m ²
⑦① GREENERY AREA (COVERED)	= 3.358 m ²
Total	= 44.176 m ²

GREENERY AREA (GREEN WALL)

⑦② GREENERY AREA (GREEN WALL)	= 54.400 m ²
Total	= 54.400 m ²

SITE COVERAGE OF GREENERY CALCULATION

OVERALL GREENERY AREA PROVIDED

= 914.975 + 51.374 (WATER FEATURE, GRASS PAVING & COVERED GREENERY AREA)
 + 82.064 (1/F) + 111.113 (GREEN WALL) + 7.965 (3/F)
 = 1167.491 m²

THEREFORE :
 = 1167.491 / 5830 (SITE AREA) x 100 %
 = 20.026 % > 20% (REQUIRED)

SITE COVERAGE OF GREENERY CALCULATION

SITE AREA	REQUIRED MINIMUM SITE COVERAGE OF GREENERY (i.e. PERCENTAGE OF GREENERY AREA OVER SITE AREA)		
	PRIMARY ZONE	OTHER LOCATIONS	OVERALL GREENERY AREAS
1,000 s.m. < 5,830 s.m. < 20,000 s.m.	10% OF SITE AREA (583.000 s.m.)	NO LIMIT	20% OF SITE AREA (1166.000 s.m.)
G/F GREENERY AREA (PRIMARY ZONE)	914.975 s.m.		914.975 s.m.
	22.679 s.m.		22.679 s.m.
G/F WATER FEATURE AREA (PRIMARY ZONE)			22.679 s.m.
G/F GRASS PAVING (PRIMARY ZONE)	6.607 s.m.		6.607 s.m.
G/F GREENERY AREA (COVERED AREA)	22.088 s.m.		22.088 s.m.
G/F GREEN WALL AREA	54.400 s.m.		54,400 s.m.
1/F GREENERY AREA		82.064 s.m.	82.064 s.m.
1/F GREEN WALL AREA			111.113 s.m.
3/F GREENERY AREA			7.965 s.m.
TOTAL AREA	966.349 s.m. > 583.000 s.m. (10% OF SITE AREA) i.e. MORE THAN 10% (966.349 s.m.) OF THE TOTAL GREENERY AREAS ARE VISIBLE TO PEDESTRIANS OR ACCESSIBLE BY ANY PERSON OR PERSONS ENTERING THE LOT.		= 914.975 + 22.679 + 6.607 + 22.088 + 82.064 + 111.113 + 7.965 = 1167.491 s.m. > 1166.000 s.m. (20% OF SITE AREA)

GREENERY AREA AT 3/F

⑰ GREENERY AREA	= 4.266 m ²
⑱ GREENERY AREA	= 3.699 m ²
Total	= 7.965 m ²



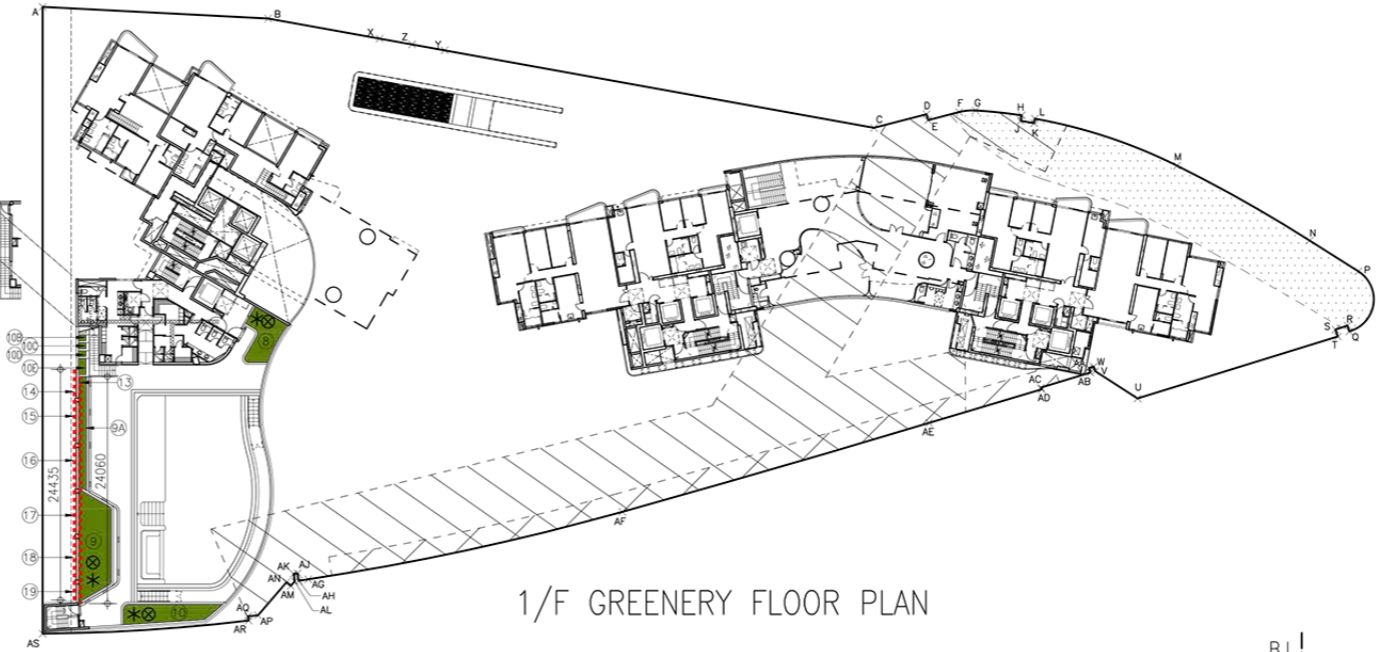
3/F GREENERY FLOOR PLAN

GREENERY AREA AT 1/F (GREEN WALL)

⑬ GREENERY AREA (GREEN WALL)	= 45.714 m ²
⑭ GREENERY AREA (GREEN WALL)	= 8.260 m ²
⑮ GREENERY AREA (GREEN WALL)	= 12.891 m ²
⑯ GREENERY AREA (GREEN WALL)	= 12.891 m ²
⑰ GREENERY AREA (GREEN WALL)	= 12.891 m ²
⑱ GREENERY AREA (GREEN WALL)	= 12.891 m ²
⑲ GREENERY AREA (GREEN WALL)	= 5.575 m ²
Total	= 111.113 m ²

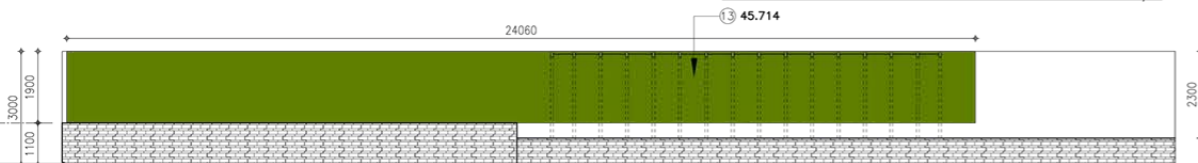
GREENERY AREA AT 1/F

⑧ GREENERY AREA	= 15.017 m ²
⑨ GREENERY AREA	= 33.866 m ²
⑩ GREENERY AREA	= 9.474 m ²
⑪ GREENERY AREA	= 17.081 m ²
⑫ GREENERY AREA	= 1.082 m ²
⑬ GREENERY AREA	= 0.506 m ²
⑭ GREENERY AREA	= 0.506 m ²
⑮ GREENERY AREA	= 1.347 m ²
⑯ GREENERY AREA	= 0.506 m ²
⑰ GREENERY AREA	= 0.506 m ²
⑱ GREENERY AREA	= 0.506 m ²
⑲ GREENERY AREA	= 1.161 m ²
Total	= 82.064 m ²

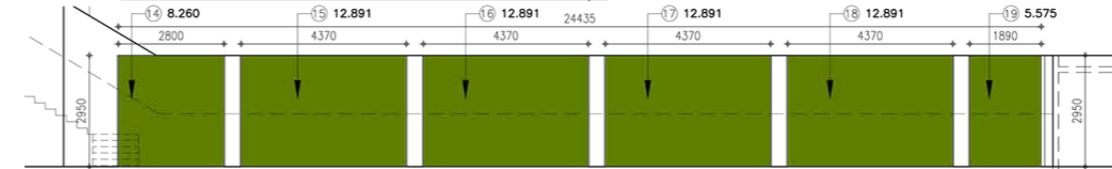


1/F GREENERY FLOOR PLAN

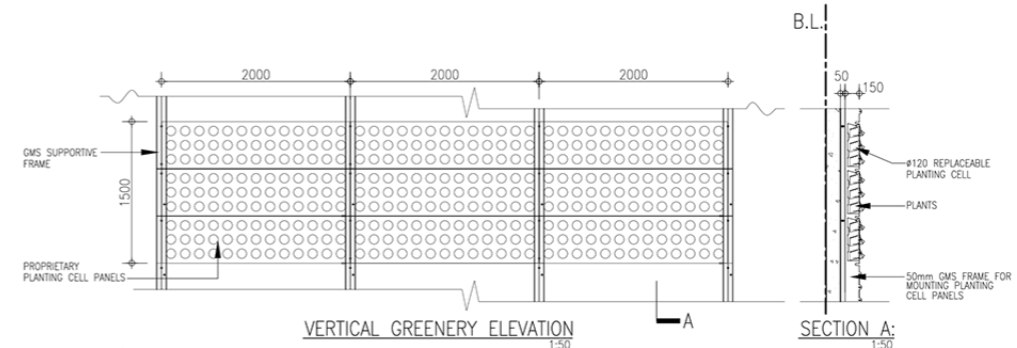
VERTICAL GREEN ELEVATION AT POOLTERRACE 1/F 1:100



VERTICAL GREEN ELEVATION AT WEST SIDE FACADE 1/F 1:100



VERTICAL GREENERY ELEVATION 1:50



SECTION A: 1:50

AMENDED PLAN

"Statement II: 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 (Amendment) Regulations."

B.D. REFERENCE NUMBER:

BD 2/9144/15

NOTES
DO NOT SCALE DRAWING, FIGURED DIMENSIONS ARE TO BE FOLLOWED.
READ THIS DRAWING IN CONNECTION WITH GENERAL ARCHITECTURAL PLANS, STRUCTURAL PLANS, AND OTHER RELATED DRAWINGS. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
COPYRIGHT OF THIS DRAWING RESERVED BY ARCHITECT.

NO.	DATE	REVISIONS
08	3/2019	GENERAL REVISION
07	5/2019	GENERAL REVISION
06	2/2019	GENERAL REVISION
05	7/2018	GENERAL REVISION
04	2/2018	GENERAL REVISION
03	10/2017	GENERAL REVISION
02	10/2016	GENERAL REVISION
01	01/2016	RE-SUBMISSION
00	10/2015	SUBMISSION

WONG TUNG & PARTNERS LIMITED
 ARCHITECTS & PLANNERS
 18/F, 14 Taikoo Wan Road, Taikoo Shing, Hong Kong
 T 852-2803 9888 F 852-2513 1728 www.wongtung.com

PROJECT:
 PROPOSED RESIDENTIAL DEVELOPMENT AT S.T.T.L. No. 605, LOK WO SHA LANE, SHA TIN, NEW TERRITORIES

TITLE:
 SUSTAINABLE BUILDING DESIGN ASSESSMENT GREENERY AREA CALCULATION

DATE: 10/2015	SCALE: 1:400
DRAWN: (WHO)	CHECKED: (DO)
DESIGNED: (AL)	REVIEWED: (OT)
JOB NO. 31710	DRAWING NO. B/A10/221
REV. NO. (08)	