

Note: This plan has been processed on a curtailed check basis under the centralized processing system as promulgated in PNAP ADM-19. The duties of the authorized person, registered structural engineer and/or registered geotechnical engineer concerned as specified under section 4(3)(b) and the provision of section 14(2)(c) of the Buildings Ordinance are of particular relevance in this regard.

Plan Approved



LAM Wan-ching
Senior Building Surveyor
for BUILDING AUTHORITY

09 SEP 2022

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



WONG Min Hon Thomas HKIA
Registered Architect Authorized Person (Architect)
AP(A)19/14

"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 (Administration) Regulations."

[illegible]

WONG Min Hon Thomas HKIA
Registered Architect Authorized Person

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PROJECT:
 PROPOSED
 COMPREHENSIVE RESIDENTIAL
 DEVELOPMENT AT 6 AND 8
 AI YING STREET,
 HEUNG SHA WAN, KOWLOON.

TITLE:
SUSTAINABLE BUILDING
DESIGN ASSESSMENT
GREENERY AREA
CALCULATION

DATE: 07/2020		SCALE: 1:400	
CHECKED: (WHK)	CHECKED: (RKT)	DESIGNED: (TAW)	REVIEWED: (THW)
DWG NO.	DRAWING NO.		REV. NO.
2150	B/A10/405		<u>(08)</u>



GREENERY AREA AT PEDESTRIAN ZONE
 SITE AREA = 19348 m² ($\geq 1000 \text{ m}^2 < 20000 \text{ m}^2$)
 NET SITE AREA = SITE AREA - PUBLIC OPEN SPACE

[illegible]

25.928 x 2.150 = 55.745 m ²	50.000 x 1.650 = 82.500 m ²	93.586 x 0.975 = 91.354 m ²
60.001 x 1.950 = 117.002 m ²	50.284 x 1.800 = 90.511 m ²	10.117 x 0.975 = 9.864 m ²
60.001 x 1.750 = 10.502 m ²	8.289 x 1.200 = 9.941 m ²	6.4240 x 3.350 = 14.204 m ²
60.001 x 1.950 = 117.002 m ²	4.984 x 1.050 = 5.233 m ²	6.4276 x 6.200 = 12.258 m ²
13.794 x 1.250 = 17.243 m ²	10.000 x 0.750 = 9.000 m ²	2.248 x 2.375 = 5.341 m ²
30.287 x 1.250 = 37.859 m ²	12.000 x 0.450 = 5.400 m ²	5.267 x 2.100 = 6.779 m ²
6.000 x 1.150 = 6.900 m ²	28.873 x 0.250 = 7.218 m ²	2.930 x 2.275 = 6.666 m ²
6.000 x 1.050 = 6.300 m ²	29.053 x 0.475 = 13.800 m ²	7.729 x 0.975 = 7.048 m ²
6.000 x 0.950 = 5.700 m ²	18.696 x 1.300 = 23.255 m ²	7.238 x 0.450 = 3.244 m²
5.000 x 0.850 = 5.100 m ²	1.686 x 0.825 = 1.391 m²	3.087 x 0.950 = 2.934 m²
18.653 x 0.850 = 12.774 m ²	17.568 x 1.500 = 26.352 m²	4.724 x 0.725 = 3.067 m²
6.894 x 0.650 = 5.511 m ²	2.977 x 1.300 = 3.870 m ²	10.172 x 0.900 = 10.382 m²
12.000 x 1.000 = 12.000 m ²	27.290 x 0.450 = 12.281 m ²	
11.744 x 1.200 = 14.093 m ²	10.906 x 0.450 = 4.908 m ²	

(W1)	GREENERY AREA (WATER FEATURE)	=	21.649 m ²
(W2)	GREENERY AREA (WATER FEATURE)	=	11.568 m ²
(W3)	GREENERY AREA (WATER FEATURE)	=	3.788 m ²
(W4)	GREENERY AREA (WATER FEATURE)	=	36.856 m ²
Total		=	73.861 m²

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(W4)	GREENERY AREA (WATER FEATURE)	=	36.856 m ²
Total		=	73.861 m²

(C1) GREENERY AREA	=	11.758 m ²
(C2) GREENERY AREA	=	2.095 m ²
(C3) GREENERY AREA	=	20.805 m ²

61	GREENEY AREA	=	11,758 m ²
62	GREENEY AREA	=	2,095 m ²
63	GREENEY AREA	=	20,805 m ²
64	GREENEY AREA	=	4,240 m ²
65	GREENEY AREA	=	3,318 m ²
66	GREENEY AREA	=	2,702 m ²
67	GREENEY AREA	=	0,712 m ²
68	GREENEY AREA	=	6,814 m ²
69	GREENEY AREA	=	5,903 m ²
70	GREENEY AREA	=	14,207 m ²
71	GREENEY AREA	=	47,920 m ²
72	GREENEY AREA	=	2,921 m ²
73	GREENEY AREA	=	2,976 m ²
74	GREENEY AREA	=	33,583 m ²
75	GREENEY AREA	=	16,372 m ²
76	GREENEY AREA	=	8,547 m ²
77	GREENEY AREA	=	0,790 m ²
78	GREENEY AREA	=	16,602 m ²
79	GREENEY AREA	=	61,811 m ²
80	GREENEY AREA	=	2,066 m ²
81	GREENEY AREA	=	10,488 m ²
82	GREENEY AREA	=	12,696 m ²
83	GREENEY AREA	=	4,952 m ²
84	GREENEY AREA	=	4,409 m ²
85	GREENEY AREA	=	5,564 m ²
86	GREENEY AREA	=	35,305 m ²
87	GREENEY AREA	=	7,943 m ²
88	GREENEY AREA	=	7,507 m ²
89	GREENEY AREA	=	0,038 m ²
90	GREENEY AREA	=	5,218 m ²

GREENERY FEATURE	LOCATION	AREA	REDUCTOR FACTOR	TOTAL
WATER FEATURE	G/F	73.861	0.500	36.931
COVERED AREA	G/F	<u>582.874</u>	0.500	<u>291.437</u>
VERTICAL GREEN WALL	G/F	<u>445.444</u>	1.000	<u>445.444</u>
TOTAL				<u>774.312</u>

MAX. 30% OF THE TOTAL GREENERY
 AREA = 3149.600 m² x 30% = 944.880 m² > 774.312 m²

(REFER TO DNAD AD)

(REFER TO FORM APP-132 PARA. 18 TABLE)			
SITE AREA	REQUIRED MINIMUM SITE COVERAGE OF GREENERY (i.e. PERCENTAGE OF GREENERY AREA OVER SITE AREA)		
	PEDESTRIAN ZONE	OTHER LOCATIONS	TOTAL GREENERY AREAS
1,000 s.m. < 15,748 s.m. < 20,000 s.m.	10% OF TOTAL GREENERY AREAS (1574.800 s.m.)	NO LIMIT	20% OF SITE AREA (3149.600 s.m.)
	REQUIRED MINIMUM SITE COVERAGE OF GREENERY (i.e. PERCENTAGE OF GREENERY AREA OVER SITE AREA)		
	PEDESTRIAN ZONE	OTHER LOCATIONS	TOTAL GREENERY AREAS
G/F GREENERY AREA (PEDESTRIAN ZONE)	2385.607 s.m.		
G/F WATER FEATURE AREA (PEDESTRIAN ZONE)	36.931 s.m.		
G/F GREENERY AREA (COVERED AREA)		291.437 s.m.	
G/F GREENERY AREA (VERTICAL GREEN WALL)	445.944 s.m.		
TOTAL AREA	2968.482 s.m. > 1574.800 s.m. (10% OF SITE AREA)	291.421 s.m.	= 3139.419 s.m. > 3149.600 s.m. i.e. MORE THAN 20% (3149.600 s.m.) OF THE TOTAL GREENERY AREAS ARE VISIBLE TO PEDESTRIANS OR ACCESSIBLE BY ANY PERSON OR PERSONS ENTERING THE LOT.

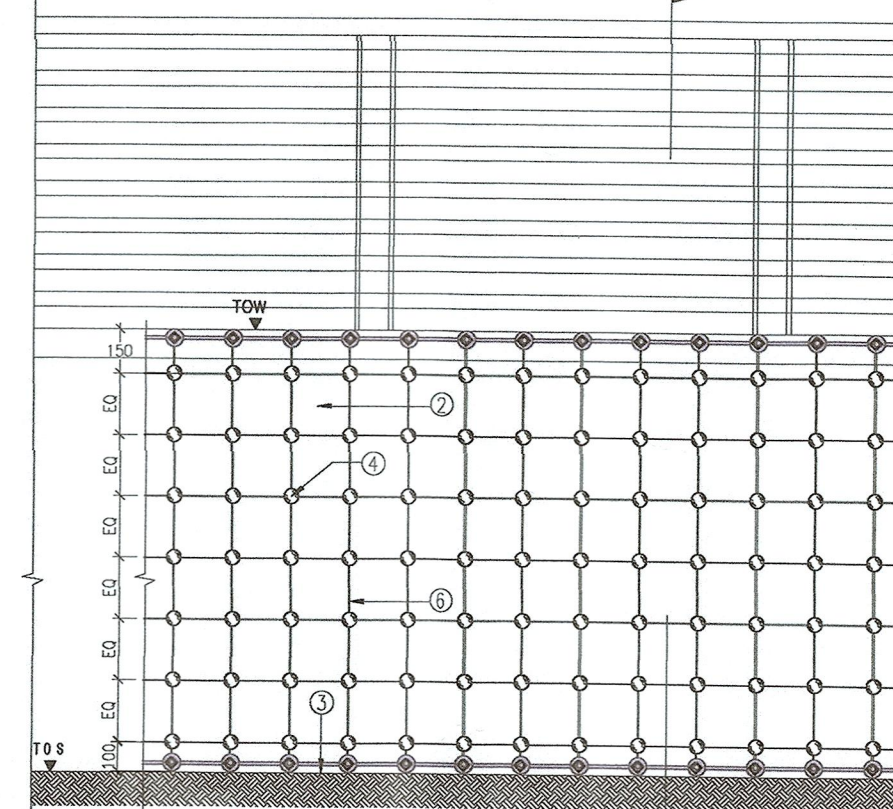
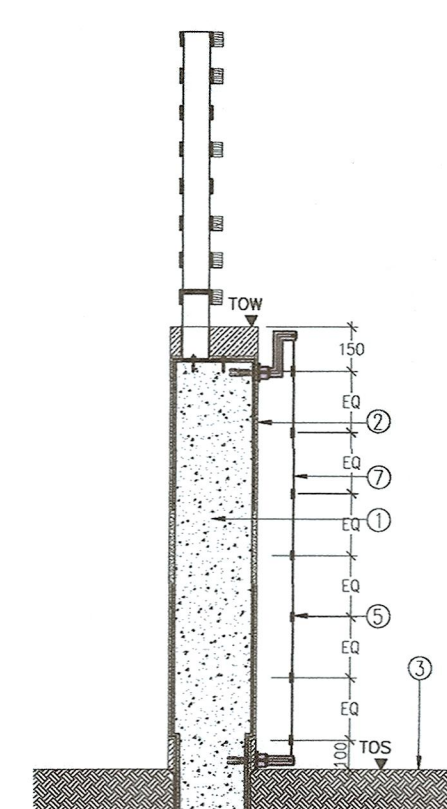
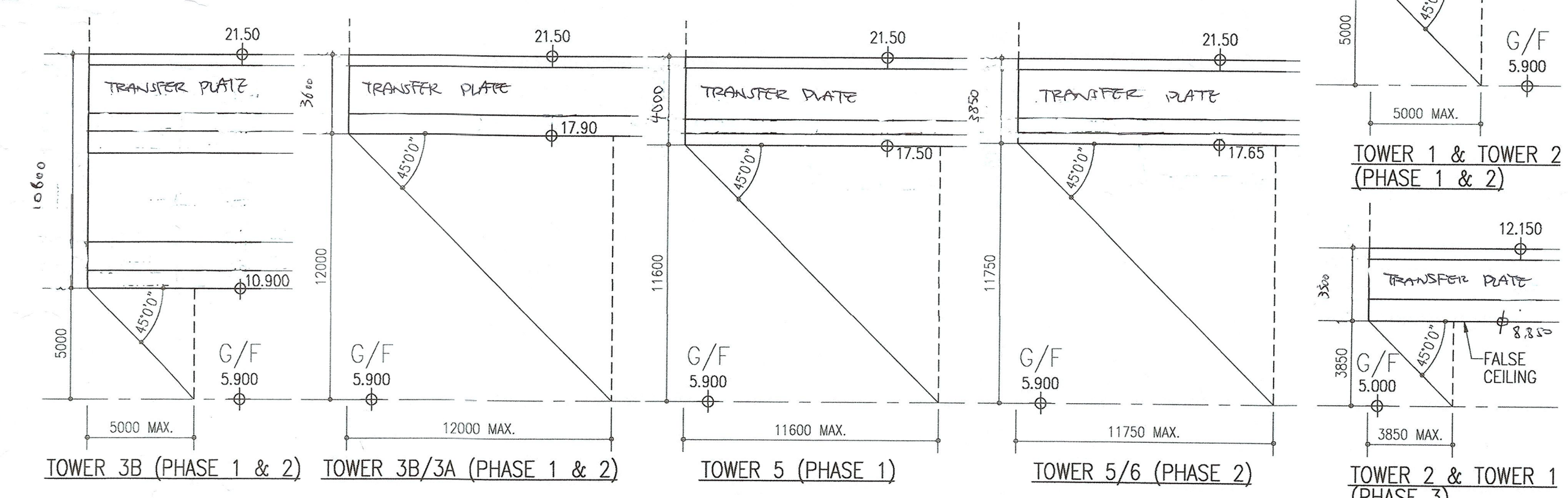
TOTAL GREENERY AREA PROVIDED
= 3285.607 (C/E GREENERY AREA) + 774.32 (WATER FEATURE COVERED AREA & VERTICAL GREEN WALL)

$$= 2303.607 \text{ (GF GREENLAND AREA)} + 774.25 \text{ (WATER FEATURE, COVERED AREA \& FEATURE GREEN LAND)}$$

$$= 3159.719 \text{ m}^2$$

THEREFORE :

$$= 3159.719 / 15748 \text{ (SITE AREA)} \times 100 \%$$

$$= 20.066 \% > 20\% \text{ (REQUIRED)}$$


NOTE:

- ① R.C. STRUCTURE TO ENGR'S. DESIGN
- ② PAINT FINISH WALL REFER TO U
- ③ PLANTING SOIL MIXTURE AS SPECIFIED
- ④ STAINLESS STEEL GREEN GUIDE SPACER (PROPRIETARY)
- ⑤ STAINLESS STEEL CROSS CLAMP(PROPRIETARY)
- ⑥ 4MMØ S/S CABLE
- ⑦ 10MMØ STAINLESS STEEL ROD

LEGENDS:

- * IRRIGATION POINT
- ⊗ DRAINAGE PROVISION

	COVERED GREENERY AREA (PEDESTRIAN ZONE)
	GREENERY AREA (PEDESTRIAN ZONE)
	WATER FEATURE AREA (PEDESTRIAN ZONE)
	GREENERY AREA (VERTICAL GREEN WALL)