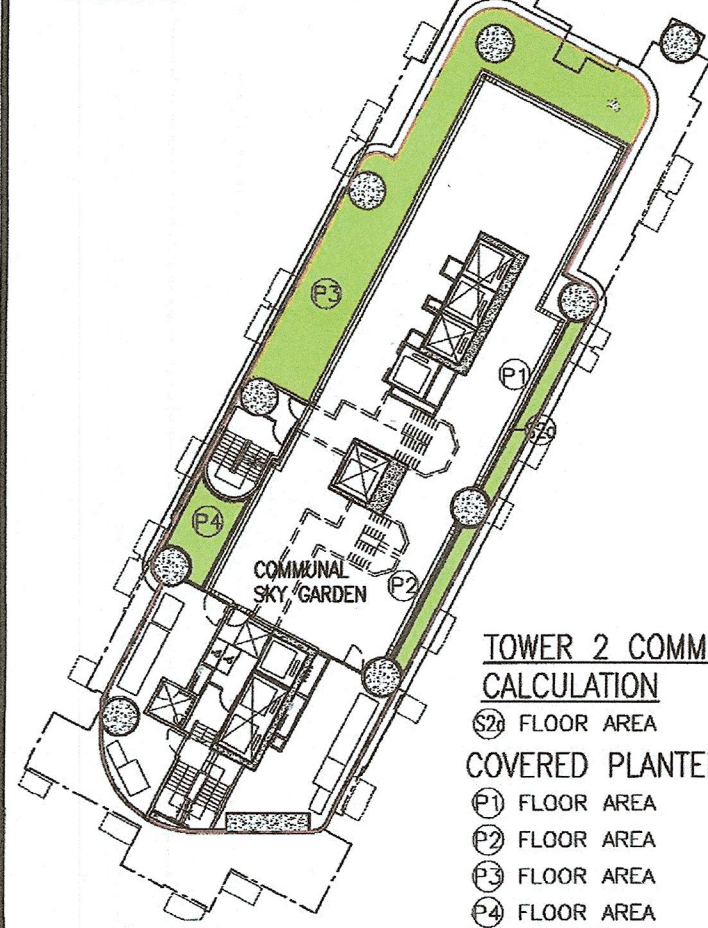


TOWER 2 COMMUNAL SKY GARDEN DIAGRAM



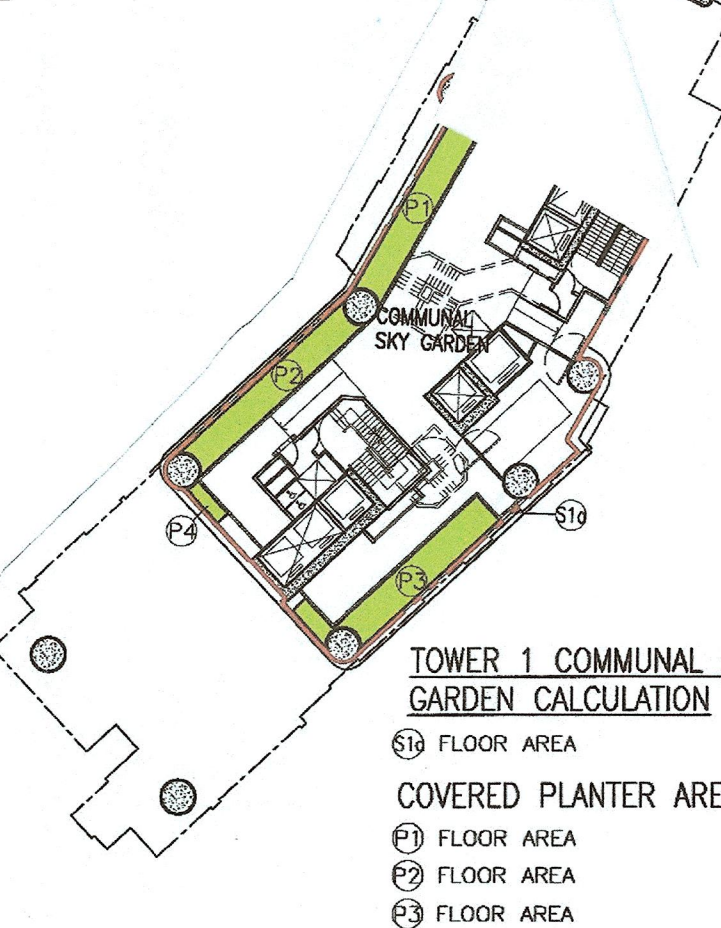
TOWER 2 COMMUNAL SKY GARDEN CALCULATION

② FLOOR AREA	= 642.124 m ²
COVERED PLANTER AREA (GREENERY):	
① FLOOR AREA	= 9.308 m ²
② FLOOR AREA	= 7.362 m ²
③ FLOOR AREA	= 81.288 m ²
④ FLOOR AREA	= 12.264 m ²
Total	= 110.222 m ²

PERCENTAGE OF THE PLANTER (GREENERY) AREA:
= 110.222 / 642.124 x 100 %
= 17.165 % > 15% (AS REQUIRED UNDER JPN 01)

TOTAL GREENERY FOR TOWER 1 & 2 SKY GARDEN
= (63.516 + 110.222) x 0.5 (REDUCTION FACTOR)
= 86.869 m²

TOWER 1 COMMUNAL SKY GARDEN DIAGRAM



TOWER 1 COMMUNAL SKY GARDEN CALCULATION

① FLOOR AREA	= 414.614 m ²
COVERED PLANTER AREA (GREENERY):	
① FLOOR AREA	= 21.616 m ²
② FLOOR AREA	= 18.974 m ²
③ FLOOR AREA	= 20.129 m ²
④ FLOOR AREA	= 1.754 m ²
Total	= 62.473 m ²

PERCENTAGE OF THE PLANTER (GREENERY) AREA:
= 62.473 / 414.614 x 100 %
= 15.068 % > 15% (AS REQUIRED UNDER JPN 01)

GREENERY AREA CALCULATION

GREENERY AREA AT PRIMARY ZONE

SITE AREA = 9482 m² (< 10000 m² < 20000 m²)

① GREENERY AREA	= 13.245 m ²	① GREENERY AREA	= 13.822 m ²
② GREENERY AREA	= 4.878 m ²	② GREENERY AREA	= 0.490 m ²
③ GREENERY AREA	= 8.739 m ²	③ GREENERY AREA	= 214.128 m ²
④ GREENERY AREA	= 72.103 m ²	④ GREENERY AREA	= 2.556 m ²
⑤ GREENERY AREA	= 54.409 m ²	⑤ GREENERY AREA	= 4.102 m ²
⑥ GREENERY AREA	= 22.253 m ²	⑥ GREENERY AREA	= 32.685 m ²
⑦ GREENERY AREA	= 17.470 m ²	⑦ GREENERY AREA	= 160.314 m ²
⑧ GREENERY AREA	= 7.837 m ²	⑧ GREENERY AREA	= 3.809 m ²
⑨ GREENERY AREA	= 48.526 m ²	⑨ GREENERY AREA	= 6.370 m ²
⑩ GREENERY AREA	= 173.793 m ²	⑩ GREENERY AREA	= 22.936 m ²
⑪ GREENERY AREA	= 7.069 m ²	⑪ GREENERY AREA	= 8.427 m ²
⑫ GREENERY AREA	= 116.551 m ²	⑫ GREENERY AREA	= 5.953 m ²
⑬ GREENERY AREA	= 17.442 m ²	⑬ GREENERY AREA	= 1.829 m ²
⑭ GREENERY AREA	= 5.387 m ²	⑭ GREENERY AREA	= 3.760 m ²
⑮ GREENERY AREA	= 15.840 m ²	⑮ GREENERY AREA	= 5.955 m ²
⑯ GREENERY AREA	= 89.467 m ²	⑯ GREENERY AREA	= 43.490 m ²
⑰ GREENERY AREA	= 300.139 m ²	⑰ GREENERY AREA	= 4.031 m ²
⑱ GREENERY AREA	= 9.004 m ²	⑱ GREENERY AREA	= 3.924 m ²
⑲ GREENERY AREA	= 3.843 m ²	⑲ GREENERY AREA	= 5.685 m ²
⑳ GREENERY AREA	= 49.843 m ²	⑳ GREENERY AREA	= 4.180 m ²
㉑ GREENERY AREA	= 31.808 m ²	㉑ GREENERY AREA	= 4.090 m ²
㉒ GREENERY AREA	= 10.904 m ²	㉒ GREENERY AREA	= 4.062 m ²
㉓ GREENERY AREA	= 27.998 m ²	㉓ GREENERY AREA	= 6.350 m ²
㉔ GREENERY AREA	= 22.736 m ²	㉔ GREENERY AREA	= 3.109 m ²
㉕ GREENERY AREA	= 67.413 m ²	㉕ GREENERY AREA	= 0.311 m ²
㉖ GREENERY AREA	= 29.014 m ²	㉖ GREENERY AREA	= 0.987 m ²
㉗ GREENERY AREA	= 15.208 m ²	㉗ GREENERY AREA	= 0.894 m ²
㉘ GREENERY AREA	= 5.316 m ²	㉘ GREENERY AREA	= 0.431 m ²
㉙ GREENERY AREA	= 234.654 m ²	㉙ GREENERY AREA	= 1.526 m ²
㉚ GREENERY AREA	= 63.414 m ²	㉚ GREENERY AREA	= 0.186 m ²
Total	= 2130.405 m ²	Total	= 2130.405 m ²

COVERED GREENERY AREA AT PRIMARY ZONE

① GREENERY AREA	= 2.873 m ²
② GREENERY AREA	= 9.521 m ²
③ GREENERY AREA	= 0.129 m ²
④ GREENERY AREA	= 14.627 m ²
⑤ GREENERY AREA	= 1.867 m ²
⑥ GREENERY AREA	= 1.410 m ²
⑦ GREENERY AREA	= 2.693 m ²
⑧ GREENERY AREA	= 2.684 m ²
⑨ GREENERY AREA	= 0.056 m ²
⑩ GREENERY AREA	= 0.596 m ²
⑪ GREENERY AREA	= 1.816 m ²
⑫ GREENERY AREA	= 1.720 m ²
⑬ GREENERY AREA	= 1.289 m ²
⑭ GREENERY AREA	= 1.439 m ²
⑮ GREENERY AREA	= 5.632 m ²
⑯ GREENERY AREA	= 0.944 m ²
⑰ GREENERY AREA	= 1.072 m ²
⑱ GREENERY AREA	= 0.618 m ²
⑲ GREENERY AREA	= 1.760 m ²
⑳ GREENERY AREA	= 2.108 m ²
㉑ GREENERY AREA	= 3.857 m ²
㉒ GREENERY AREA	= 1.637 m ²
㉓ GREENERY AREA	= 3.446 m ²
㉔ GREENERY AREA	= 1.346 m ²
㉕ GREENERY AREA	= 0.186 m ²
Sub-Total	= 70.126 m ²

GREENERY AREA AT PRIMARY ZONE (WATER FEATURE)

① GREENERY AREA	= 12.480 m ²
② GREENERY AREA	= 3.193 m ²
③ GREENERY AREA	= 10.454 m ²
④ GREENERY AREA	= 13.532 m ²
⑤ GREENERY AREA	= 31.021 m ²
⑥ GREENERY AREA	= 26.835 m ²
Sub-Total	= 97.515 m ²

TOTAL GREENERY AREA PROVIDED

= 2125.561 + 97.515
= 2223.076 m²
THEREFORE :
= 2223.076 / 9482 (SITE AREA) x 100 %
= 23.331 % > 20% (REQUIRED)

SITE COVERAGE OF GREENERY CALCULATION

(REFER TO PNAP APP-152 PARA. 18 TABLE)			
SITE AREA	REQUIRED MINIMUM SITE COVERAGE OF GREENERY (i.e. PERCENTAGE OF GREENERY AREA OVER SITE AREA)		
	PRIMARY ZONE	OTHER LOCATIONS	TOTAL GREENERY AREAS
1,000 s.m. < 9,482 s.m. < 20,000 s.m.	10% OF SITE AREA (948.2 s.m.)	NO LIMIT	20% OF SITE AREA (1,896.4 s.m.)
G/F GREENERY AREA (PRIMARY ZONE)	REQUIRED MINIMUM SITE COVERAGE OF GREENERY (i.e. PERCENTAGE OF GREENERY AREA OVER SITE AREA)		
	PRIMARY ZONE	OTHER LOCATIONS	TOTAL GREENERY AREAS
G/F GREENERY AREA (PRIMARY ZONE)	2125.561 s.m.		
G/F COVERED GREENERY AREA (PRIMARY ZONE)	35.063 s.m.		
G/F WATER FEATURE AREA (PRIMARY ZONE)	48.758 s.m.		
G/F VERTICAL GREEN (PRIMARY ZONE)	s.m.		
TOTAL AREA	2223.076 s.m. > 948.2 s.m. (10% OF SITE AREA)		2214.226 s.m. > 1896.4 s.m. i.e. MORE THAN 20% (1896.4 s.m.) OF THE TOTAL GREENERY AREAS ARE VISIBLE TO PEDESTRIANS OR ACCESSIBLE BY ANY PERSON OR PERSONS ENTERING THE LOT.

GREENING FEATURE (PNAP APP-152 APPENDIX F)				
GREENING FEATURE	LOCATION	AREA	REDUCTOR FACTOR	TOTAL
COVERED GREENERY	G/F	70.126	0.500	35.063
WATER FEATURE	G/F	97.515	0.500	48.758
VERTICAL GREEN	G/F		-	
TOTAL				83.821

MAX. 30% OF THE TOTAL GREENERY
AREA = 1896.4 m² x 30% = 568.92 m² > 83.821 m²

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

SITE COVERAGE OF GREENERY CALCULATION

(UNDER THE LEASE REQUIREMENT)

TOTAL GREENERY AREA

UNDER (9)(b)(i)
30% OF SITE AREA REQUIRED
30% SITE AREA = 2844.600 m²
= 2223.076 (AT PEDESTRIAN ZONE) + 645.862 (ROOF GREENERY AREA)
/ 9482 (SITE AREA) x 100 %
= 2855.244 / 9482 x 100 %
= 30.112 % > 30%

PERCENTAGE OF GREENERY AREA AT G/F

UNDER (9)(b)(ii)
NOT LESS THAN 66% OF THE 30% OF (9)(b)(i)
66% OF THE 30% SITE AREA = 1877.436 m²
TOTAL GREENERY AREA PROPOSED = 2860.088 m²
THEREFORE
= 2223.076 / 2844.600 x 100 %
= 77.643 % > 66%

PROPOSED GREENERY AREA AT ROOF

UNDER (9)(b)(iv)
NOT LESS THAN 20% OF THE BUILDING ROOF AREA
= 311.210 (TOWER 1) + 334.652 (TOWER 2)
= 645.862 m²

PERCENTAGE OF PROPOSED GREENERY AREA AT ROOF

TOTAL ROOF AREA = 2788.972 m²
= 645.862 / 2788.972 x 100
= 23.158 % > 20%

TOTAL ROOF AREA

= 786.659 (TOWER 1) + 257.059 (TOWER 2) + 316.335 (MANSION A) +
248.089 (MANSION B) + 353.721 (MANSION C) + 255.031 (MANSION D) +
7.943 (GUARD HOUSE) + 31.174 (RECREATIONAL FACILITIES) + 32.961 (VENT SHAFT)
= 2788.972 m²

T1 ROOF DIAGRAM

① AREA	= 786.659 m ²
TOTAL TOWER 1 ROOF AREA	= 786.659 m ²

T2 ROOF DIAGRAM

② AREA	= 257.059 m ²
TOTAL TOWER 2 ROOF AREA	= 257.059 m ²

MANSION A ROOF DIAGRAM

③ AREA	= 316.335 m ²
TOTAL MANSION A ROOF AREA	= 316.335 m ²

MANSION B ROOF DIAGRAM

④ AREA	= 248.089 m ²
TOTAL MANSION B ROOF AREA	= 248.089 m ²

MANSION C ROOF DIAGRAM

⑤ AREA	= 353.721 m ²
TOTAL MANSION C ROOF AREA	= 353.721 m ²

MANSION D ROOF DIAGRAM

⑥ AREA	= 255.031 m ²
TOTAL MANSION D ROOF AREA	= 255.031 m ²

GUARD HOUSE ROOF DIAGRAM

⑦ AREA	= 7.943 m ²
TOTAL GUARD HOUSE ROOF AREA	= 7.943 m ²

RECREATIONAL FACILITIES ROOF DIAGRAM

⑧ AREA	= 31.174 m ²
TOTAL RECREATIONAL FACILITIES ROOF AREA	= 31.174 m ²

VENT SHAFT ROOF DIAGRAM

⑨ AREA	= 3.992 m ²
⑩ AREA	= 7.559 m ²
⑪ AREA	= 9.962 m ²
⑫ AREA	= 11.448 m ²
TOTAL GUARD HOUSE ROOF AREA	= 32.961 m ²

MANSION C ROOF DIAGRAM

⑬ AREA	= 353.721 m ²
TOTAL MANSION C ROOF AREA	= 353.721 m ²

MANSION D ROOF DIAGRAM

⑭ AREA	= 255.031 m ²
TOTAL MANSION D ROOF AREA	= 255.031 m ²

GUARD HOUSE ROOF DIAGRAM

⑮ AREA	= 7.943 m ²
TOTAL GUARD HOUSE ROOF AREA	= 7.943 m ²

RECREATIONAL FACILITIES ROOF DIAGRAM

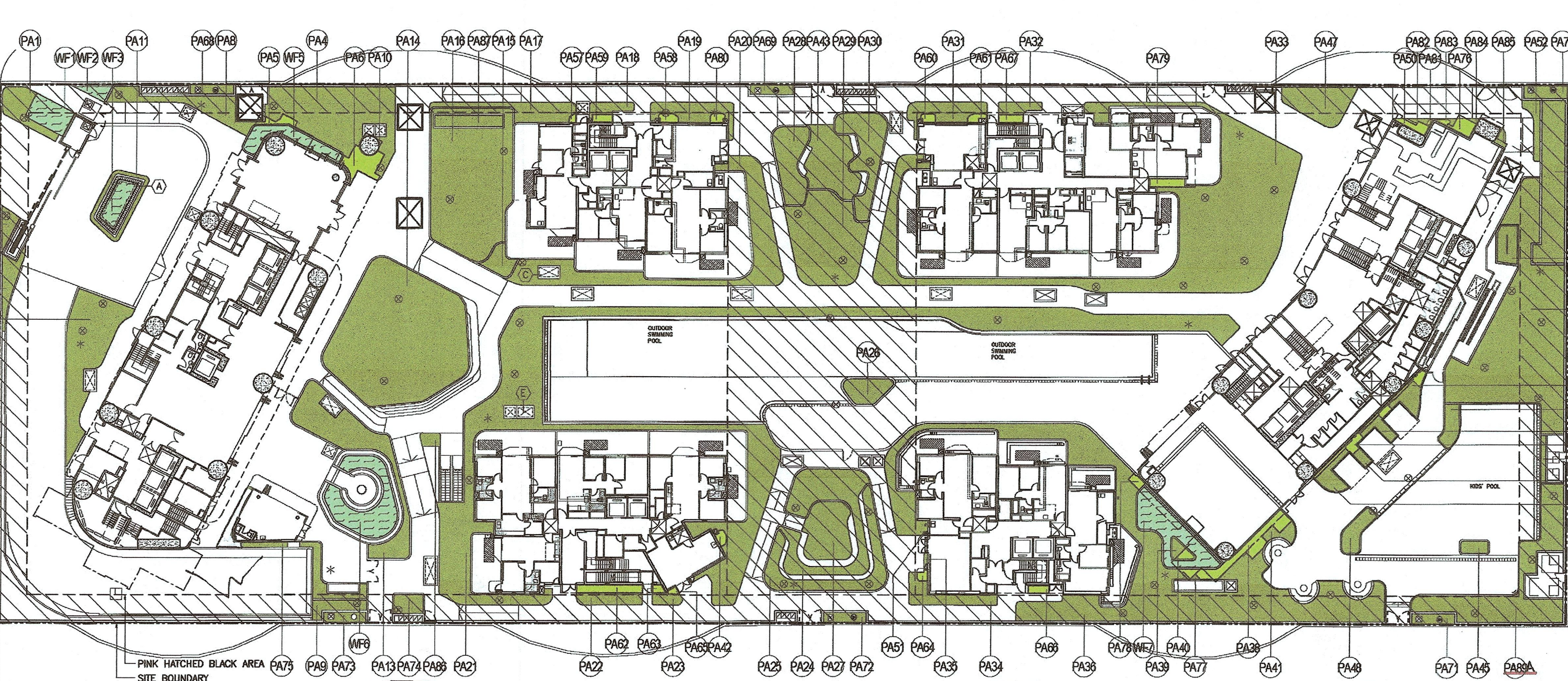
⑯ AREA	= 31.174 m ²
TOTAL RECREATIONAL FACILITIES ROOF AREA	= 31.174 m ²

VENT SHAFT ROOF DIAGRAM

⑰ AREA	= 3.992 m ²
⑱ AREA	= 7.559 m ²
⑲ AREA	= 9.962 m ²
⑳ AREA	= 11.448 m ²
TOTAL GUARD HOUSE ROOF AREA	= 32.961 m ²

LEGENDS:

- ROOF AREA
- TOP ROOF & UPPER ROOF AREA
- REFUGE ROOF AT MAIN ROOF AREA (GREENERY AREA PROPOSED)
- FLAT ROOF AT MAIN ROOF AREA
- ROOF (GUARD HOUSE)



GROUND FLOOR PLAN

PINK HATCHED BLACK AREA SITE BOUNDARY

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)

LEGENDS:

- * IRRIGATION POINT
- DRAINAGE PROVISION
- GREEN GREENERY AREA (PRIMARY ZONE)
- COVERED GREENERY AREA (PRIMARY ZONE)
- WATER FEATURE AREA (PRIMARY ZONE)