

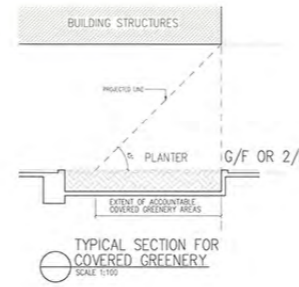
SUSTAINABLE BUILDING DESIGN GUIDELINES (SBDG)

SITE AREA = 2329000 m² > 2000m²
 HEIGHT OF BUILDING = 59.205 < 60 m
 LEVEL ZERO = 5.795 mPD

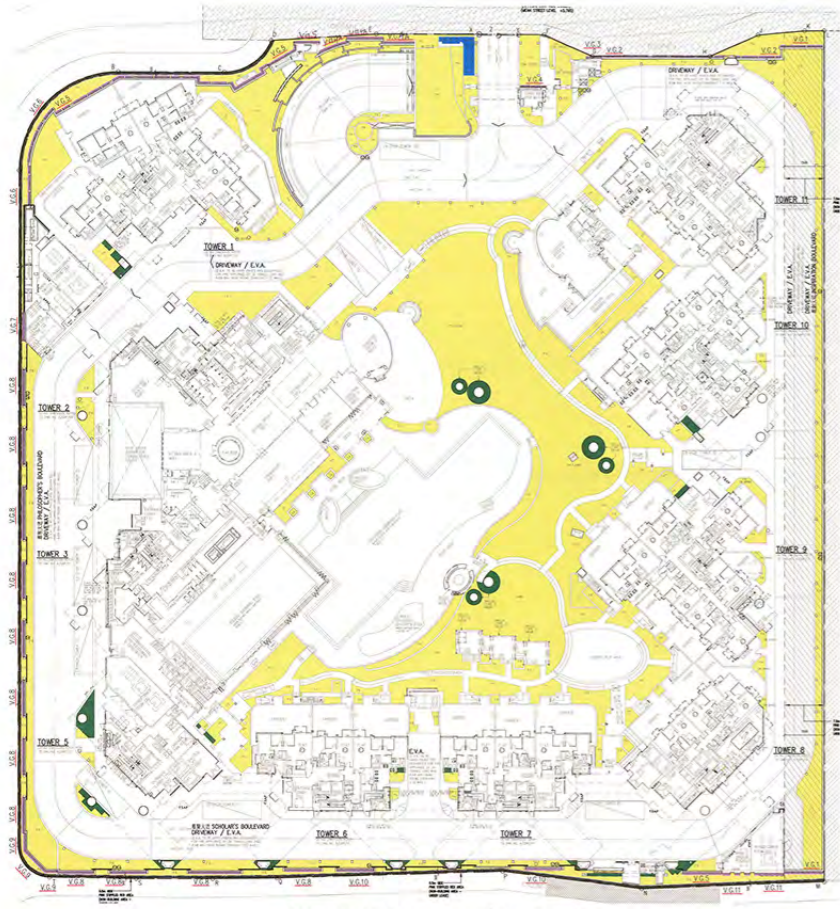
SBDG (PNAP APP-152)		ENG. NO. DEMONSTRATING COMPLIANCE
PARA.4	SITE AREA > 2000m ² AND H < 60m	MIN. P = 20% ± 2%
APPENDIX B	MAX. CONTIGUOUS PROJECTED FACADE LENGTH (G) OF BUILDINGS ADJACENT TO A STREET	A/GBP/35 A/GBP/34
PARA.7	BUILDING ADJACENT TO A NARROW STREET (LESS THAN 15m WID)	A/GBP/34
PARA.10	SITE AREA > 2000m ²	MIN. S.C. OF GREENERY > 30% (MIN. 15% AT PRIMARY ZONE)

SITE COVERAGE OF GREENERY
 SCALE 1:500

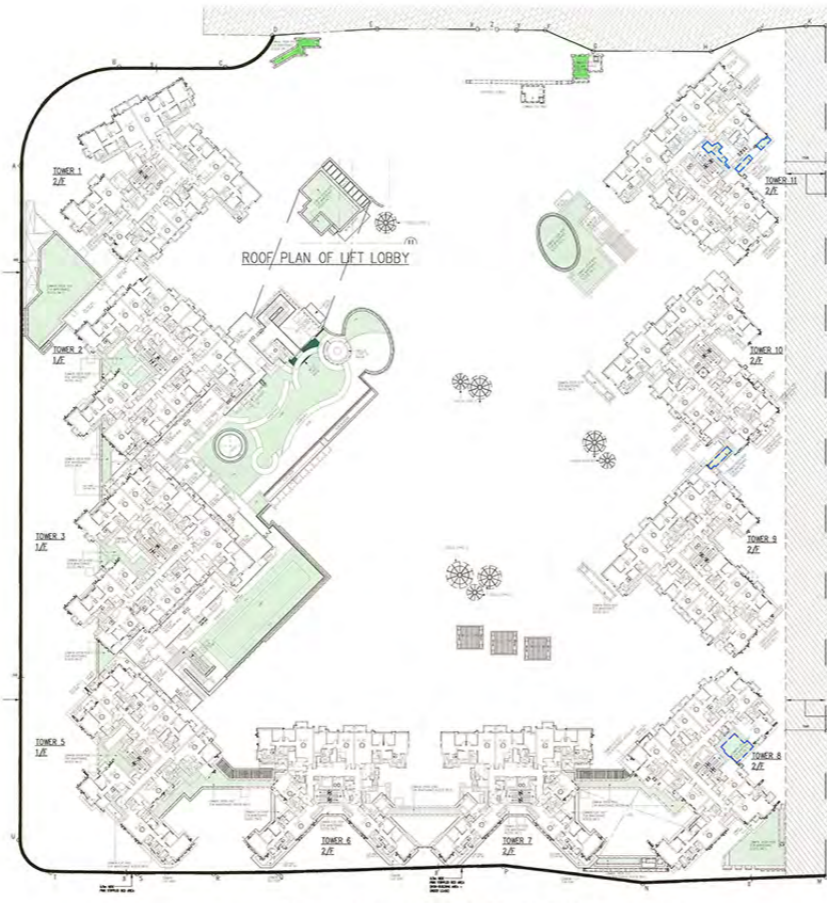
- LEGEND:
- [Yellow] = GREENERY AT PRIMARY ZONE
 - [Green] = COVERED GREENERY AT PRIMARY ZONE
 - [Blue] = WATER FEATURE
 - [Light Green] = GREENERY AT NON-PRIMARY ZONE
 - [Pink] = VERTICAL GREENING AREA AT PRIMARY ZONE



NOTES: IRRIGATION POINTS AND DRAINAGE PROVISION WOULD BE PROVIDED AT GREENERY AREAS TO FACILITATE FUTURE MAINTENANCE



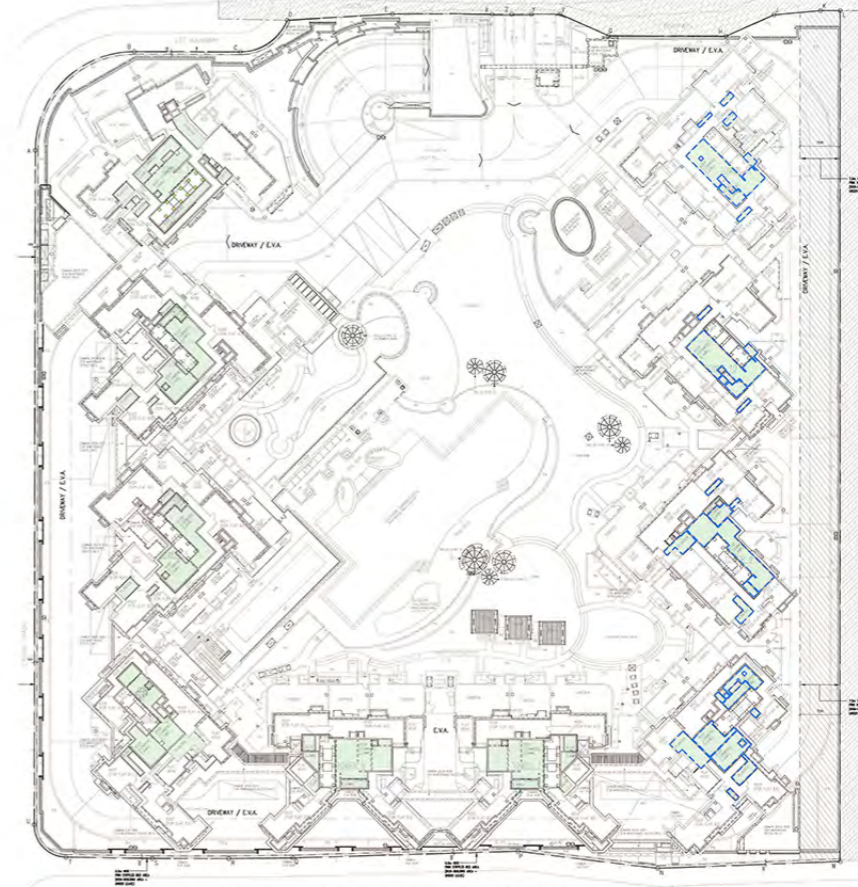
GROUND FLOOR PLAN (1ST OP / 1ST OP + 2ND OP)	
[Yellow]	TOTAL GREENERY AREA AT PRIMARY ZONE = 4201.971 m ²
[Green]	TOTAL COVERED GREENERY AREA AT PRIMARY ZONE = 124.122 m ² / 2 = 62.061 m ²
[Blue]	TOTAL WATER FEATURE AT PRIMARY ZONE = 17.334 m ² / 2 = 8.667 m ²
[Pink]	TOTAL VERTICAL GREENING AREA AT PRIMARY ZONE = 616.953 m ²
	TOTAL = 4943.215 m²



LEV. +13.05 FLOOR PLAN (1ST OP + 2ND OP)	
[Light Green]	TOTAL GREENERY AREA AT NON-PRIMARY ZONE = 1122.914 m ²
[Green]	TOTAL COVERED GREENERY AREA AT PRIMARY ZONE = 6.785 m ² / 2 = 3.393 m ²
	TOTAL = 1126.307 m²

LEV. +13.05 FLOOR PLAN (2ND OP)	
[Light Green]	TOTAL GREENERY AREA AT NON-PRIMARY ZONE = 35.958 m ²
	TOTAL GREENERY AREA = 1162.265 m² = 35.958 m² 1028.307 m²

(##) DATA EXTRACTED FROM BO REF: BO 2/9059/15 DRAWING NO. A/GBP/42b APPROVED ON 11 June 2019



MASTER LAYOUT FLOOR PLAN (1ST OP + 2ND OP)	
[Light Green]	TOTAL GREENERY AREA AT NON-PRIMARY ZONE = 924.870 m ²

MASTER LAYOUT FLOOR PLAN (2ND OP)	
[Light Green]	TOTAL GREENERY AREA AT NON-PRIMARY ZONE = 356.812 m ²

MASTER LAYOUT FLOOR PLAN (1ST OP)	
	TOTAL GREENERY AREA AT NON-PRIMARY ZONE = 924.870 m ² - 356.812 m ² = 568.058 m ²

SITE COVERAGE OF GREENERY (1ST OP)	
SITE AREA	= 2329.000 x G.F.A. AT PHASE 1
(PKP) (A) (P) (FE)	= C.F.A. UPON COMPLETION OF PHASE 1 + PHASE 2
	= 2329.000 x 49047.908 / 33684.633 (A/GBP/PH10)
	= 13620.474 m ²

SITE COVERAGE OF GREENERY ON PRIMARY ZONE (1ST OP)	
[Yellow]	SITE AREA (PKP) (A) (P) (FE)
	= 4943.215 m ² + 3.393 m ²
	= 13620.474 m ² x 100%
	= 36.27% (PROPOSED) > 10% (REQUIRED) i.e. OK

SITE COVERAGE OF GREENERY ON PRIMARY ZONE (1ST OP + 2ND OP)	
[Yellow]	SITE AREA
	= 4943.215 m ² + 3.393 m ²
	= 2329.000 m ² x 100%
	= 21.66% (PROPOSED) > 15% (REQUIRED) i.e. OK

TOTAL SITE COVERAGE OF GREENERY (OVERALL) (1ST OP)	
[Yellow]	SITE AREA
	= 4943.215 m ² + 1044.159 m ² + 568.053 m ² = 6575.427 m ²
	= 13620.474 m ² x 100%
	= 48.307% (PROPOSED) > 20% (REQUIRED) i.e. OK

TOTAL SITE COVERAGE OF GREENERY (OVERALL) (1ST OP + 2ND OP)	
[Yellow]	SITE AREA
	= 4943.215 m ² + 1044.159 m ² + 924.870 m ² = 6972.244 m ²
	= 2329.000 m ² x 100%
	= 30.003% (PROPOSED) > 30% (REQUIRED) i.e. OK

% OF GREENING FEATURES AS PER PNAP APP-52 APPENDIX D PARA.2 (1ST OP)	
[Yellow]	TOTAL REQ. OF GREENERY AREAS
	= 742.877 m ²
	= 13620.474 m ² x 30%
	= 18.55% (PROPOSED) < 30% (REQUIRED) i.e. OK

% OF GREENING FEATURES AS PER PNAP APP-52 APPENDIX D PARA.2 (1ST OP + 2ND OP)	
[Yellow]	TOTAL REQ. OF GREENERY AREAS
	= 742.877 m ²
	= 2329.000 m ² x 30%
	= 10.622% (PROPOSED) < 30% (REQUIRED) i.e. OK

Rev.	Description	Drawn	Checked	Approved	Date
1	FOR SUBMISSION	LUY	CMH	RL	14/06/19
2	FOR AMENDMENT	LUY	CMH	RL	14/06/19



呂元祥建築師事務所

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Project Title
 PROPOSED RESIDENTIAL DEVELOPMENT AT JUNCTION OF FO CHUN ROAD AND POK YIN ROAD, PAK SHEK KOK, TAI PO, NEW TERRITORIES, TAI PO TOWN LOT NO. 225

Drawing Title
 PHASING PLAN FOR PHASE 1 & 2
 SBDG CALCULATION (1)

Drawn By	LUY	Date	--/06/19
Checked By	CMH	Date	--/06/19
Approved By	RL	Date	--/06/19
Project No.	15038N1	Issue Date	--/06/19

Scale: AS SHOWN
 Drawing No.: A/GBP/PH34

AP's Signature

 LU Yuan Ching Ronald
 Authorized Person (Architect)

Drawing Purpose
 Buildings Department
 Amended Plan

Statement 2
 The works shown on these plans are Type II Works (Building Amendment) subject to the approval of the Building Authority. A fee is payable for the purchase of the Fee Track consent application under Application 22 of the Building (Administrative) Regulations.