

SUSTAINABLE BUILDING DESIGN GUIDELINES (SBDG)

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SITE AREA (SITE I) = 38591.477 m² > 20000m² (DWG A/GBP/1/10)
 HEIGHT OF BUILDING = 49.595
 LEVEL ZERO = 6.405 mPD

SBDG (PNAP APP-152)		DWG NO. DEMONSTRATING COMPLIANCE	
BUILDING SEPARATION			
PARA.10	DOMESTIC BUILDING W/ H < 15m, AND NO. OF STOREY ≤ 4	BUILDING SEPARATION, I.e. NO. REQUIRED (COMPLY W/ PARA. 7)	---
PARA.7	SITE AREA ≥ 20,000m ² AND H < 60m	MIN. PERMEABILITY(P) OF BUILDINGS = 20% ; 25%	A_GBP_1_16 A_GBP_1_17
PARA.8	THE BUILDING SEPARATION REQUIREMENT AT THE LOW ZONE TO BE WALKED	YES	A_GBP_1_15
APPENDIX B PARA. 2	MAX. CONTINUOUS PROJECTED FACADE LENGTH (L _p) OF BUILDING(S) ABUTTING A STREET	YES	A_GBP_1_14
BUILDING SET BACK			
PARA.13	BUILDING ABUTTING A NARROW STREET LESS THAN 15m WIDE	N/A	A_GBP_1_13
SITE COVERAGE OF GREENERY			
PARA.18	SITE AREA < 20,000m ²	MIN. S.C. OF GREENERY = 20% (MIN. 10% AT PEDESTRIAN ZONE)	A_GBP_1_12

SITE COVERAGE OF GREENERY

SCALE 1 : 500

SITE I SITE AREA CALCULATION (REFER TO DWG. NO. A_GBP_1_10)
 BUDGET AREA = 38591.477 m² (DWG A/GBP/1/10)
 EXISTING TRACK + PROPOSED ECOLOGICAL ENHANCEMENT AREA = 39864.348 m²
 PRIVATE STREET ON GRADE = 734.743 m²
 SITE AREA PORTION A = 392.234 m²
 SITE I SITE AREA = 2662.035 m²

PEDESTRIAN ZONE GREENERY AREA

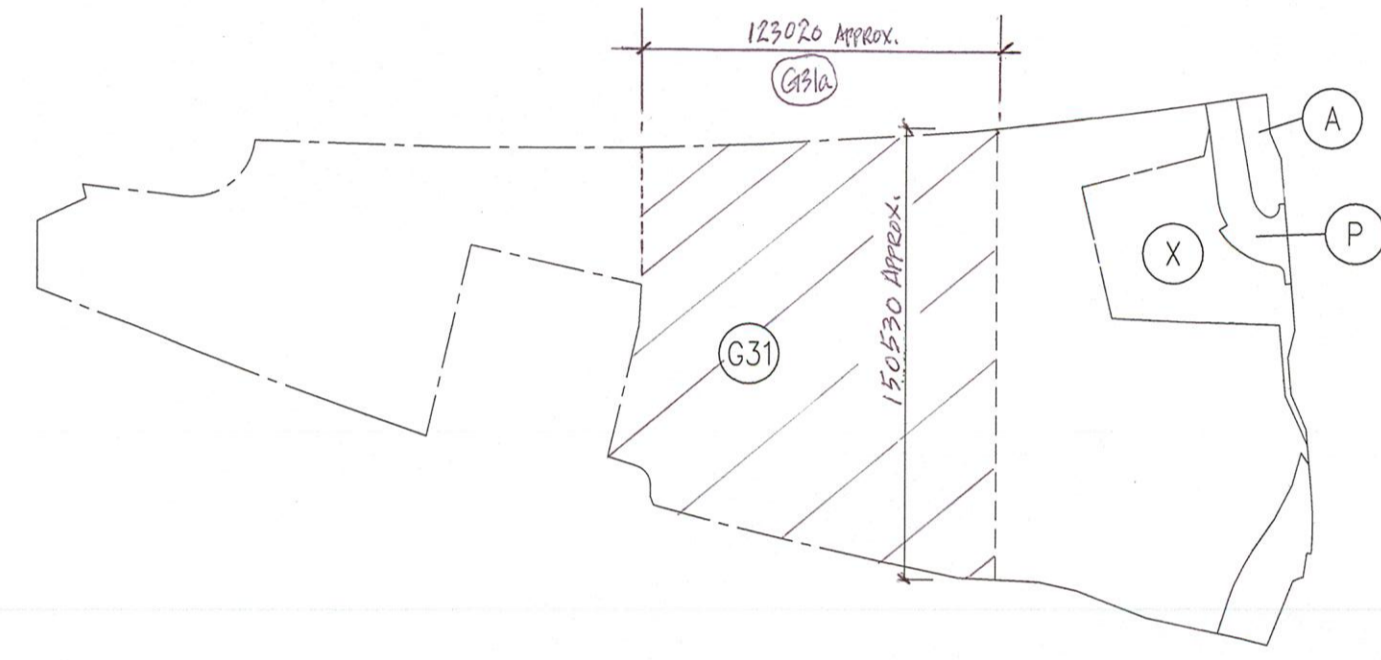
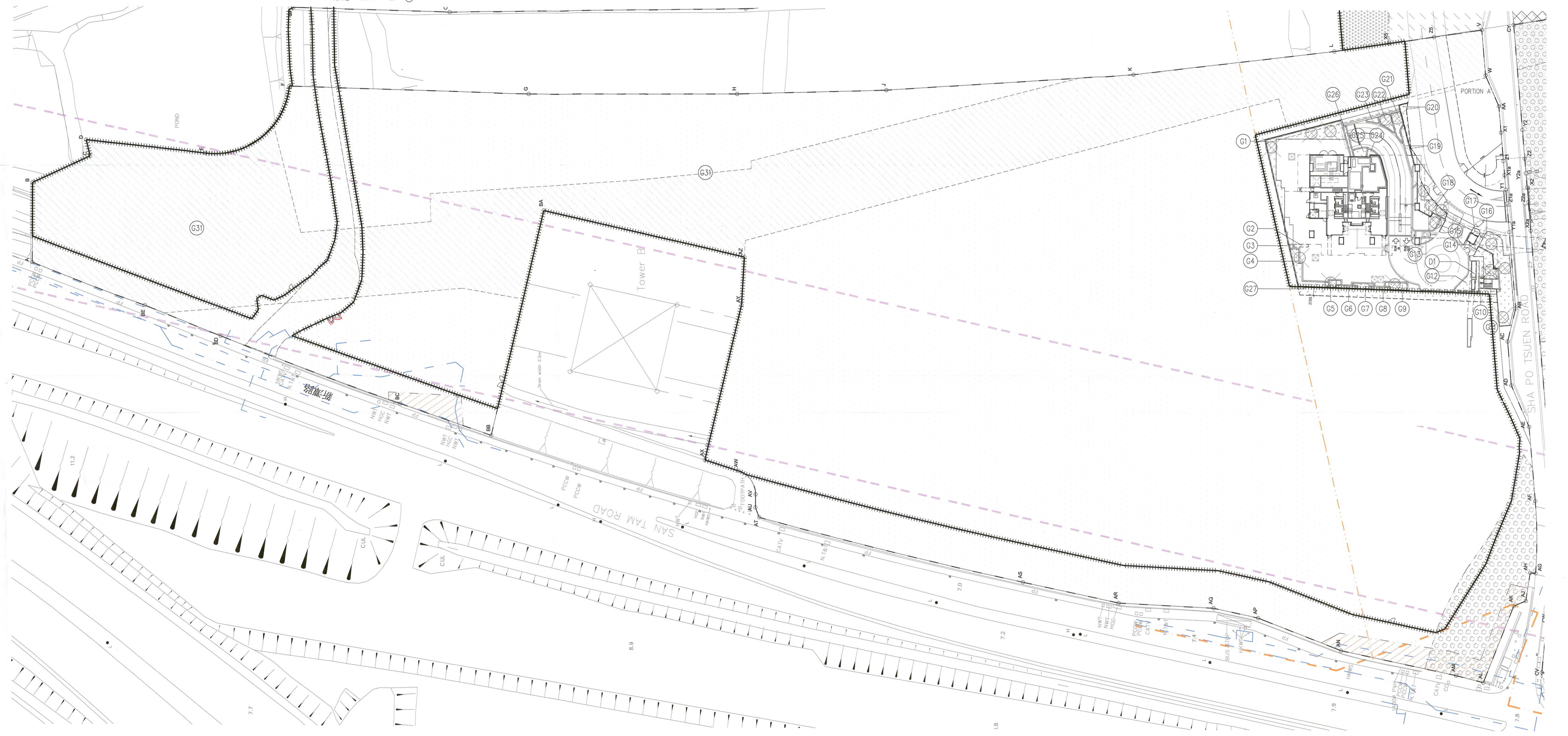
PLANTING AREA	AREA	AREA
⊙	88.444 m ²	10.337 m ²
⊙	3.004 m ²	106.910 m ²
⊙	0.998 m ²	3.550 m ²
⊙	27.631 m ²	21.076 m ²
⊙	5.032 m ²	9.674 m ²
⊙	2.857 m ²	12.982 m ²
⊙	5.640 m ²	15.008 m ²
⊙	2.857 m ²	12.080 m ²
⊙	10.508 m ²	3.212 m ²
⊙	8.994 m ²	3.150 m ²
⊙	2.424 m ²	7.798 m ²
⊙	35.437 m ²	5.328 m ²
⊙	3.392 m ²	122.964 m ²
⊙	28.514 m ²	

TOTAL = 559.771 m²

DEDUCTED AREA
 TOTAL = 10.367 m²
 TOTAL PLANTING AREA AT PEDESTRIAN ZONE = 549.404 m²

SITE COVERAGE OF GREENERY AT PEDESTRIAN ZONE
 GREENERY AREA AT PEDESTRIAN ZONE SITE AREA × 100%
 = 549.404 m² × 100%
 = 2662.035 m² × 100%
 = 20.64 % (PROPOSED) > 15% (REQUIRED) I.e. OK

TOTAL SITE COVERAGE OF GREENERY
 TOTAL GREENERY AREA SITE AREA × 100%
 = 549.404 m² × 100%
 = 2662.035 m² × 100%
 = 20.64 % (PROPOSED) > 20% (REQUIRED) I.e. OK



SITE COVERAGE OF GREENERY INCLUDING WETLAND AREA

PEDESTRIAN ZONE GREENERY AREA	AREA REQUIRED SITE AREA × 30 %
AREA ⊙ + ⊕ SITE AREA	38591.477 × 30 % = 11577.443 s.m.
549.404 + 16866.65% SITE AREA	38591.477 × 30 % = 11577.443 s.m.
549.404 + 16866.65% SITE AREA	38591.477 × 30 % = 11577.443 s.m.

*SIL WITH VEGETATION MAINTAINED AT ALL TIMES

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 DATE MAY 22 P 5:20
 R.A.D. SECTION
 BUILDINGS DEPARTMENT

Note: This plan has been processed on a controlled check basis under the centralized processing system as promulgated in PNAP ADM-18. The dates 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
 KWOK Che-on Angus
 Senior Building Surveyor
 for BUILDING AUTHORITY
 16 JUN 2015

STATEMENT II:
 THE WORKS SHOWN ON THESE PLANS ARE TYPE II WORKS (BUILDING AMENDMENT) in respect of which the Building Authority's consent is applied for.

Record Drawing Amended Plan Buildings Department

Rev.	Description	Drawn	Checked	Approved	Date	Rev.	Description	Drawn	Checked	Approved	Date
1	1ST SUBMISSION	SZO	EW	KW	20/04/14						
A	GENERAL REVISION	SZO	EW	KW	07/01/15						
B	GENERAL REVISION	SZO	EW	KW	13/02/15						
C	GENERAL REVISION	SZO	YHF	KW	20/11/15						
D	GENERAL REVISION	HK	YHF	KW	22/02/16						
E	GENERAL REVISION	HK	YHF	KW	22/02/16						

Check of measurements on site. Do not scale off drawings.
 This drawing is to be read in conjunction with the specification and any discrepancies are to be immediately reported to the Architect.
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B.D. REF : 2/9044/10(2)
 F.S.D. REF : FP 8/29272(1)
 D.L.O. REF : DLOYL 494/YLT/96B

Drawn By SZO SZO 20/03/10
 Checked By CSC CSC 20/03/10
 Approved By CMC CMC 20/03/10

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Project Title :
 PROPOSED RESIDENTIAL DEVELOPMENT AT SHA PO, YUEN LONG (LOT NO. 1927 IN DD 107)

Drawing Title :
 SBD CALCULATION (1)
 SITE I

Project No. 11048NT
 Issue Date MAR 2015
 Code File No. (DWG) U:\11048NT\SUB\A_GBP_1_12.DWG
 SCALE AS SHOW
 Drawing No. A/GBP/1/12

Authorised Person's Signature
 LU Ronald
 Authorised Person (Architect)

Authority's / Client's Approval