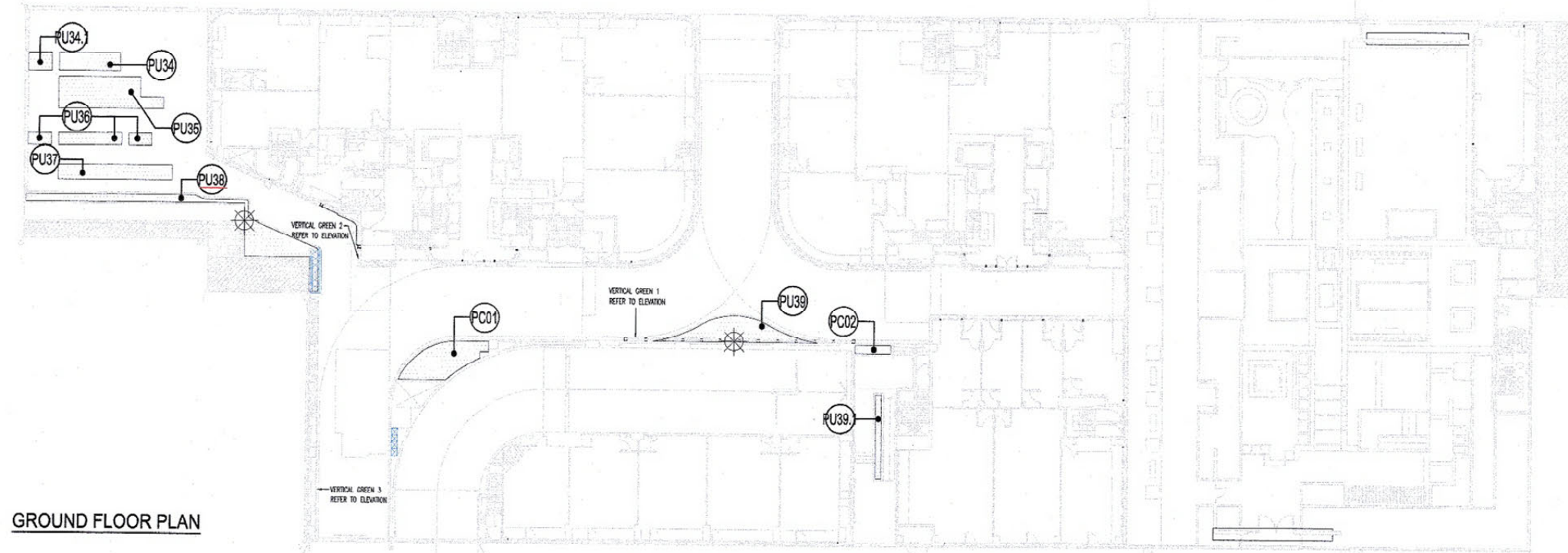
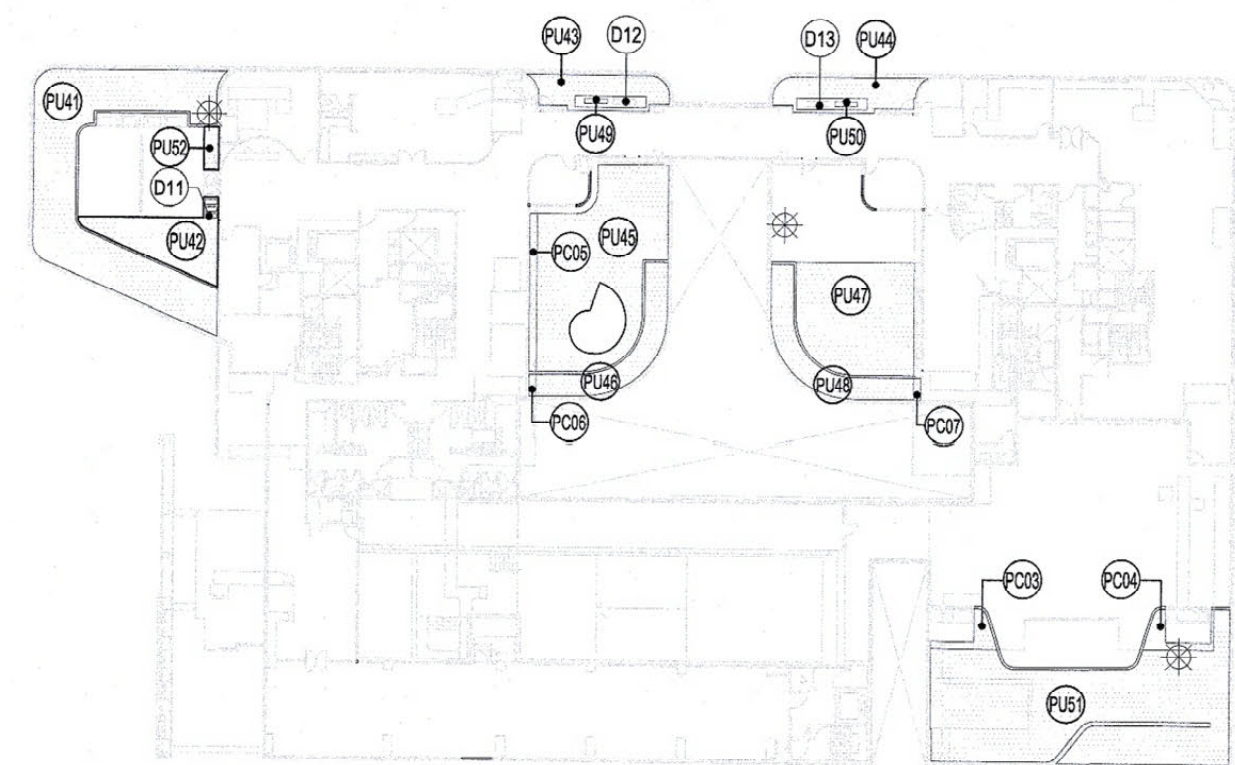


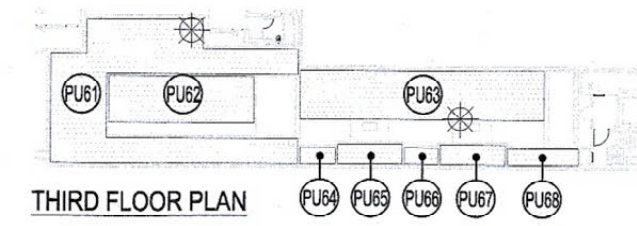
# SUSTAINABLE BUILDING DESIGN DEMONSTRATION SITE COVERAGE OF GREENERY



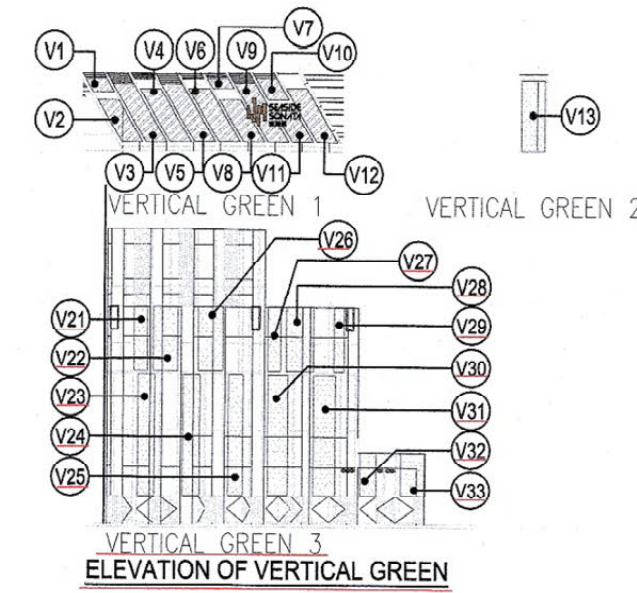
GROUND FLOOR PLAN



SECOND FLOOR PLAN



THIRD FLOOR PLAN



ELEVATION OF VERTICAL GREEN

- LEGENDS :**
- GREENERY FOR PRIMARY ZONE
  - SITE COVERAGE FOR GREENERY
  - IRRIGATION POINT LOCATION

## GREENERY AREA CALCULATION ( SITE C ) :

(SHALL BE COMPLIED WITH APP-152)

SITE AREA = 5472 s.m.  
 NET SITE AREA = 4635 s.m. < 20000 s.m.  
 REQUIRED GREENERY AREA AT PRIMARY ZONE = 10% (UNDER APP-152)  
 REQUIRED TOTAL SITE COVERAGE OF GREENERY = 20% (UNDER APP-152)

FOR PRIMARY ZONE :  
 UNCOVERED GREENERY ON G/F AREA OF VERTICAL GREENERY :

PU34 = 7.991 s.m.	V1 = 1.178 s.m.	V9 = 5.404 s.m.	V24 = 8.838 s.m.	V32 = 3.180 s.m.
PU34.1 = 3.012 s.m.	V2 = 3.880 s.m.	V10 = 1.940 s.m.	V25 = 7.633 s.m.	V33 = 4.875 s.m.
PU35 = 21.288 s.m.	V3 = 5.404 s.m.	V11 = 2.841 s.m.	V26 = 6.996 s.m.	
PU36 = 9.319 s.m.	V4 = 4.919 s.m.	V12 = 4.919 s.m.	V27 = 3.659 s.m.	
PU37 = 12.375 s.m.	V5 = 5.404 s.m.	V13 = 7.246 s.m.	V28 = 7.641 s.m.	
PU38 = 26.133 s.m.	V6 = 4.919 s.m.	V21 = 3.767 s.m.	V29 = 2.906 s.m.	
PU39 = 16.342 s.m.	V7 = 0.901 s.m.	V22 = 6.996 s.m.	V30 = 10.646 s.m.	
PU39.1 = 3.600 s.m.	V8 = 3.880 s.m.	V23 = 8.838 s.m.	V31 = 11.570 s.m.	

SUB-TOTAL = 100.460 s.m. SUB-TOTAL = 140.380 s.m.

COVERED GREENERY ON G/F COVERED GREENERY ON G/F (AREA TAKE 50%) : TOTAL = 100.460 + 140.380 + 9.290 s.m.  
 PC01 = 16.424 s.m. TOTAL = 18.580 x 50% = 9.290 s.m.  
 PC02 = 2.156 s.m. = 9.290 s.m.  
 SUB-TOTAL = 18.580 s.m.

UNCOVERED GREENERY ON 2/F	DEDUCT AREA:	UNCOVERED GREENERY ON 3/F	CAL. OF VERTICAL GREEN & COVERED GREENERY & INACCESSIBLE FLAT ROOF ( MAX 30 % )
PU41 = 94.249 s.m.	D11 = 0.720 s.m. - 1/F	PU61 = 84.002 s.m.	TOTAL AREA = 134.575 + 18.580 + 9.290 x 100% = 162.445 x 100% = 17.524% < 30%
PU42 = 25.405 s.m.	D12 = 3.308 s.m. - 1/F	PU62 = 29.882 s.m.	
PU43 = 19.134 s.m.	D13 = 3.308 s.m. - 1/F	PU63 = 52.650 s.m.	
PU44 = 20.717 s.m.		PU64 = 2.585 s.m.	
PU45 = 90.742 s.m.		PU65 = 5.805 s.m.	
PU46 = 21.097 s.m.		PU66 = 2.464 s.m.	
PU47 = 55.144 s.m.			TOTAL = 188.374 s.m.
PU48 = 22.320 s.m.			INACCESSIBLE FLAT ROOF ON 3/F (TAKE 50%)
PU49 = 0.450 s.m.			PU69 + PU70 = (11.348 + 17.439 s.m. + 16.666 s.m.) x 50% = 17.053 s.m.
PU50 = 0.450 s.m.			TOTAL = 188.374 + 17.053 s.m. = 205.4270 s.m. ( TOTAL 3/F )
SUB-TOTAL = 477.6820 s.m.			TOTAL PRIMARY = 250.130 + 478.171 + 205.427 s.m. ZONE = 933.728 s.m.

COVERED GREENERY ON 2/F  
 PC03 = 4.180 s.m. PC06 = 0.750 s.m.  
 PC04 = 4.744 s.m. PC07 = 0.750 s.m.  
 PC05 = 5.225 s.m.  
 TOTAL = 15.649 x 50% = 7.825 s.m.  
 SUB-TOTAL = 15.649 s.m. = 7.825 s.m.

## COVERAGE OF GREENERY ON PRIMARY ZONE :

(SHALL BE COMPLIED WITH APP-152)

ACTUAL SITE COVERAGE OF GREENERY =  $\frac{\text{GREENERY AREA ON G/F 2/F \& 3/F}}{\text{SITE AREA}} \times 100\%$   
 =  $\frac{933.728}{4635} \times 100\%$   
 = 20.145% > 10% (REQUIRED COVERAGE ON PRIMARY ZONE)

## SITE COVERAGE OF GREENERY :

(SHALL BE COMPLIED WITH APP-152)

ACTUAL SITE COVERAGE OF GREENERY =  $\frac{\text{GREENERY AREA ON G/F 2/F \& 3/F}}{\text{SITE AREA}} \times 100\%$   
 =  $\frac{933.728}{4635} \times 100\%$   
 = 20.145% > 20% (REQUIRED TOTAL SITE COVERAGE OF GREENERY)

Description	Condition	Date of Submission	Month	Year	Rev.
1(A) Building (Planning) Regulation 28(2)(a) To permit existing service lanes to be extinguished, built in, over, upon or under and included in site area for the purposes of site coverage and plot ratio calculations.	Regarding items (A) and (B): The new and existing lane is not to be built in, over, upon or under.		8	5	8
1(B) Building (Planning) Regulation 28(2)(a) To permit existing service lanes to be extinguished, built in, over, upon or under and included in site area for the purposes of site coverage and plot ratio calculations.	Regarding items (C) and (D):		8	5	8
1(C) Building (Planning) Regulation 28(2)(a) To permit existing service lanes to be extinguished, built in, over, upon or under and included in site area for the purposes of site coverage and plot ratio calculations.	Regarding items (E) and (F):		8	5	8
4 (B) Building (Planning) Regulation 28(2)(a) To permit existing service lanes to be extinguished, built in, over, upon or under and included in site area for the purposes of site coverage and plot ratio calculations.	Regarding item (G):		8	5	8
5 (E) Building (Planning) Regulation 36 To permit the omission of natural lighting and ventilation to the following:	Regarding item (H):		8	5	8
6 (F) Building (Planning) Regulation 40 To permit the omission of natural lighting and ventilation to the following:	Regarding item (I):		8	5	8
7 (G) Building (Construction) Regulation 35 To permit the level of an internal floor at G/F to be less than 100mm above the level of the external ground.	Regarding items (J) and (K):		8	5	8
8 (H) Building (Construction) Regulation 48(1) To permit the 150mm level difference between internal floor and the adjoining flat roofs on 2/F and 3/F.	Regarding item (L):		8	5	8
9 (I) Building (Planning) Regulation 55A To exempt the non-provision of aperture in bathrooms at all flat units.	Regarding item (M):		8	5	8
10 (J) Building (Planning) Regulation 50 To permit the reduction of natural lighting and ventilation in offices at podium levels.	Regarding item (N):		8	5	8
11 (K) Building (Planning) Regulation 51(1) To permit a section of Pei Ho Street to be extinguished and built in, over, upon and under.	Regarding item (O):		8	5	8
12 (A) Building (Planning) Regulation 20 and 28(2)(a) To permit the following to be excluded from site coverage and gross floor area calculations:	Regarding item (P):		8	5	8

Rev.	Date	Amendment	Purpose
D	20160727	GENERAL REVISION	SUBMISSION
E	20170420	GENERAL REVISION	AMENDMENT
F	20180423	GENERAL REVISION	AMENDMENT
G	20190201	GENERAL REVISION	AMENDMENT
H	20190423	GENERAL REVISION	AMENDMENT
I	20200217	GENERAL REVISION	AMENDMENT

**RECORD PLAN**

Note: This plan has been processed on a curtailed check basis under the centralized processing system as promulgated in PPAUP-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  
 SHU Wai-ho  
 Senior Building Surveyor  
 for BUILDING AUTHORITY  
 - 8 JUN 2020

**AMENDMENT**

THE WORKS SHOWN ON THESE PLAN REGULATIONS ARE TYPE II WORKS IN RESPECT OF WHICH IS APPLIED FOR THE PURPOSE OF FAST TRACK CONSENT APPLICATION UNDER REGULATION 33 OF THE BUILDING (ADMINISTRATION)

For B.D. SUBMISSION  
 Date:

PAUL K. F. NG  
 B.A. (A.S.) MARCH  
 HKIA  
 Registered Architect (HK)  
 Authorized Person (Architect)

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 Check and verify all dimensions on site.  
 Read this drawing in conjunction with the specifications and all other related drawings.  
 Notify the Architect immediately of any discrepancy found herein.  
 Client: SWISS INVESTMENTS LIMITED

Project: PROPOSED COMPOSITE DEVELOPMENT BUILDING AT HAI TAN STREET / KWEILIN STREET/ PEI HO STREET, SHAM SHUI PO NKIL 6506, HONG KONG

Drawing Title: SUSTAINABLE BUILDING DESIGN DEMONSTRATION 2 ( SITE - TOWER 3 & TOWER 5)

Job No.	Drawing No.	Revision No.
8155	( C ) GB034	1
Scale	Date	CAD Ref.
1:500	DEC.2015	-
Drawn	Checked	Approved
ALH	Roy	KL

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