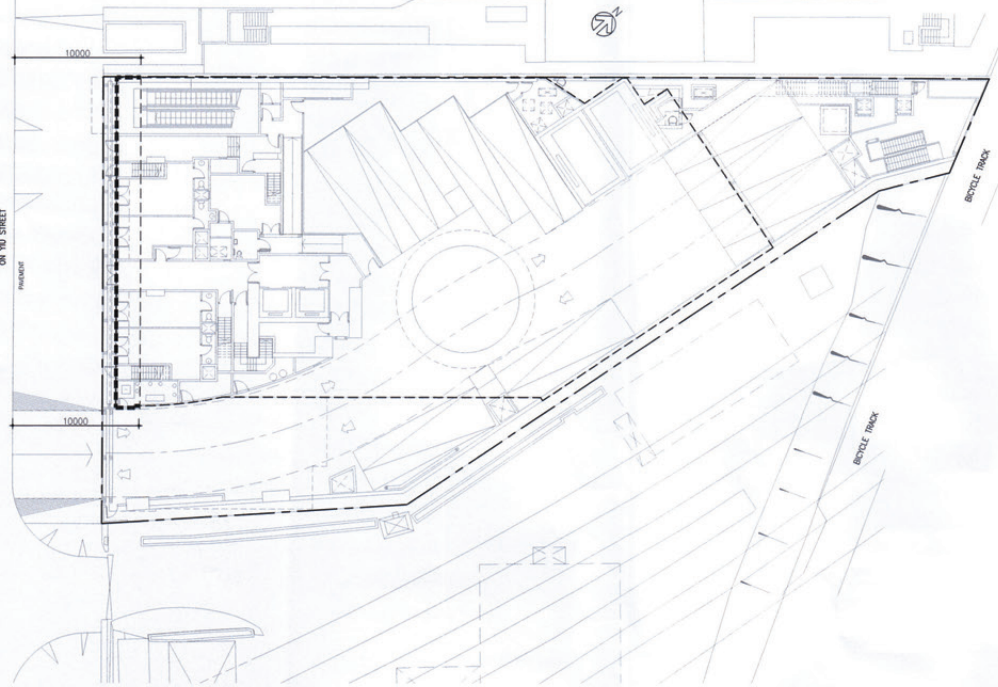
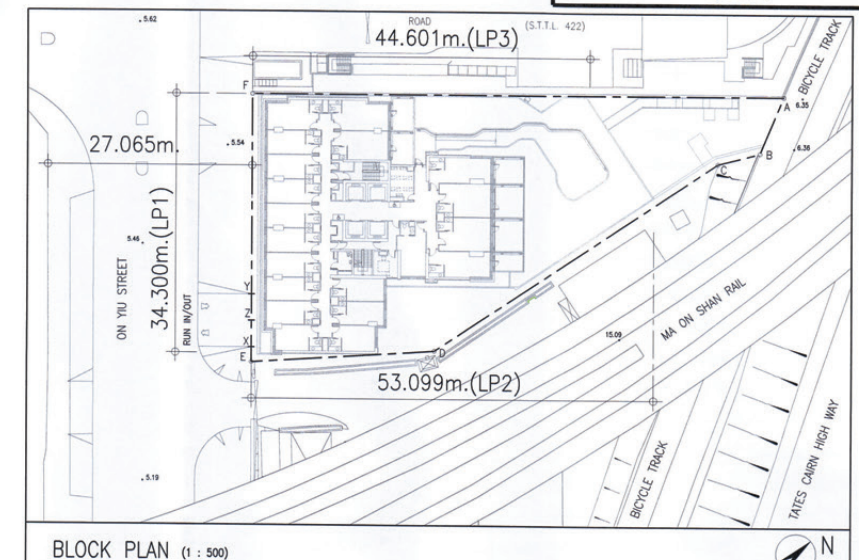
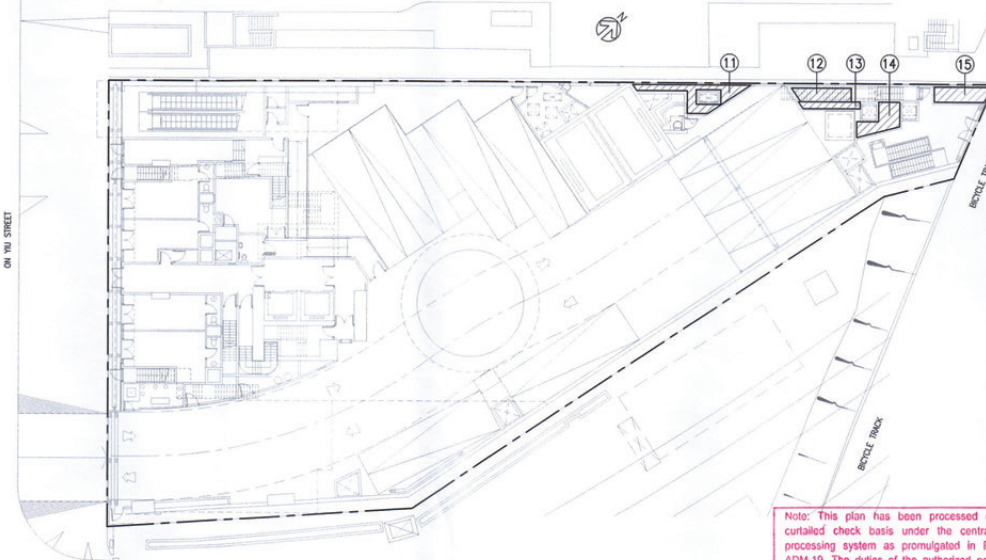


G/F E.V.A. DIAGRAM  
(1 : 300)

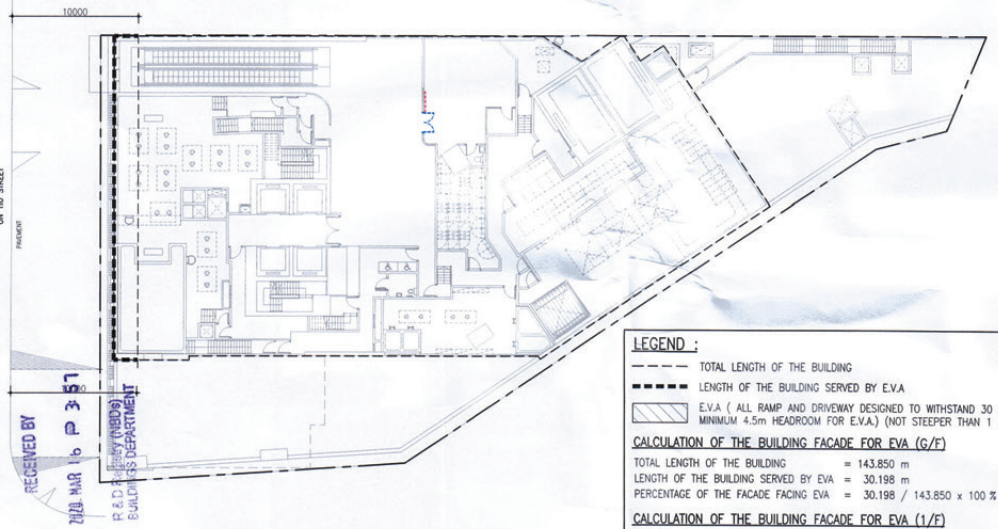


G/F GREENERY DIAGRAM (FOR PRIMARY ZONE)  
(1 : 300)

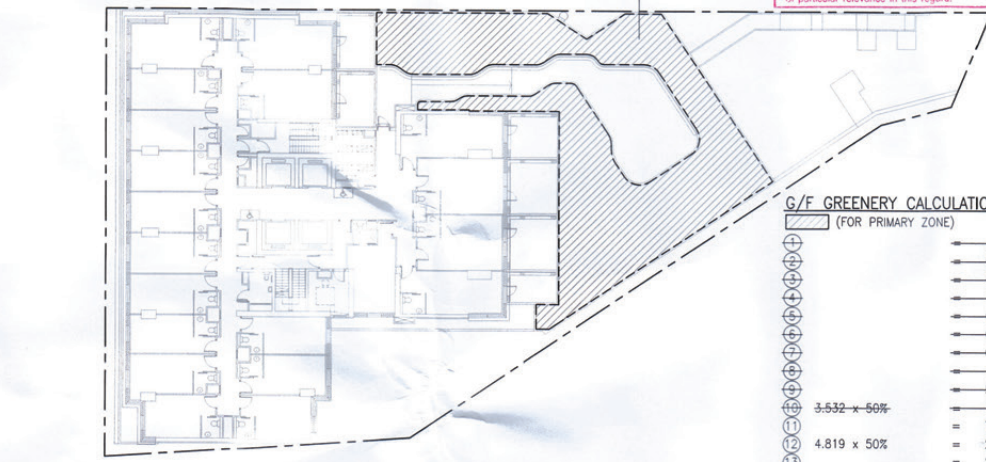


B.D. REF. 2/9246/15  
F.S.D. REF. FP 8/30812

1/F E.V.A. DIAGRAM  
(1 : 300)



2/F GREENERY DIAGRAM (FOR PRIMARY ZONE)  
(1 : 300)



PROPOSED COMMERCIAL REDEVELOPMENT  
AT S.T.T.L. 617, SHEK MUN  
COMPLIANCE WITH SITE COVERAGE OF GREENERY (PNAP APP-152)  
SITE AREA = 1700.000 s.m.

SUSTAINABLE BUILDING DESIGN (SBD)  
SITE AREA = 1700.000 s.m. < 20000 s.m.

SUSTAINABLE BUILDING DESIGN (SBD)  
SITE AREA = 1700.000 s.m. < 20000 s.m.  
BUILDING HEIGHT = 112.740 m - 5.34 m  
= 107.400 m > 60 m

- BUILDING SEPARATION NOT REQUIRED  
PROJECTION FACADE LENGTH (Lp1) = 34.300m < 60m  
PROJECTION FACADE LENGTH (Lp2) = 53.099m < 60m  
PROJECTION FACADE LENGTH (Lp3) = 44.601m < 60m
- BUILDING SET BACK NOT REQUIRED  
MIN. WIDTH OF STREET ABUTTING BUILDING > 15 m WIDE (ON YIU STREET)
- BUILDING SET BACK AT BICYCLE TRACK REFER TO B-01 & B-04

REQUIRED S.C. OF GREENERY

MIN. S.C. OF GREENERY :	PRIMARY ZONE	10%
	OTHER LOCATIONS	NO LIMIT
	TOTAL GREENERY AREA	20%

REQUIRED S.C. OF GREENERY AT PRIMARY ZONE

FLOOR	PROVIDED GREENERY AREA (s.m.)
PLANTER AT G/F	22.831 s.m.
PLANTER AT 2/F	272.833 s.m.
VERTICAL GREENING	82.360 s.m.
TOTAL	378.024 s.m. > 170.000 s.m. (10% OF SITE AREA)

REQUIRED S.C. OF GREENERY AT OTHER LOCATIONS

FLOOR	PROVIDED GREENERY AREA (s.m.)
PLANTER AT ROOF	-21.920 s.m.
TOTAL	-21.920 s.m. NO-LIMIT

PROPOSED S.C. OF GREENERY FOR TOTAL GREENERY AREA  
378.024 s.m. - 21.920 s.m. = 356.104 s.m. > 340.000 s.m. (20% OF SITE AREA)

**B. D.**

The works shown on these plans are Type II works  
BUILDING AMENDMENT WORKS  
In respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations.  
First consent Date: 28 NOV 2017

AMENDED PLAN  
DATE: 16/03/2020

REVISIONS :

NUMBER	DESCRIPTION	DATE
-	FIRST SUBMISSION	JAN. 2016
-	RE-SUBMISSION	MAY 2016
A	GENERAL REVISION	JAN. 2017
B	GENERAL REVISION	JULY 2017
C	GENERAL REVISION	JAN. 2018
D	GENERAL REVISION	JULY 2018
E	GENERAL REVISION	SEP. 2019
F	GENERAL REVISION	DEC. 2019
G	GENERAL REVISION	MAR. 2020

**SUN HUNG KAI**  
ARCHITECTS AND ENGINEERS LTD.  
SUN HUNG KAI CENTRE, WANCHAI, HONGKONG  
TEL. 28278111 FAX. 28272884

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PROPOSED COMMERCIAL BUILDING  
ON S.T.T.L. 617, 5 ON YIU STREET,  
SHEK MUN, SHA TIN, N.T.

DRAWING TITLE  
S.B.D. CALCULATIONS

FILE NAME :  
DRAWN BY : R.Y.  
CHECKED BY : R.Y.  
PRINTED DATE : 03-2020  
SCALE : AS SHOWN

JOB NO.	DRAWING NO.	REV.
	B-20	G

ARCHITECT / R.S.E.  
*Choi Pak Lin*  
Choi Pak Lin Pamy  
RNS  
Registered Architect  
Authorized Person (Architect)

FOR APPROVAL USE  
Plan Approved  
*Choi Chi-man*  
Senior Building Surveyor  
for BUILDING AUTHORITY  
- 9 APR 2020

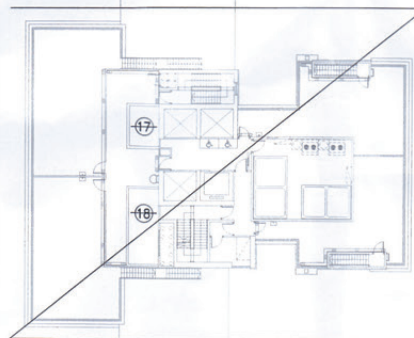
**LEGEND :**  
--- TOTAL LENGTH OF THE BUILDING  
--- LENGTH OF THE BUILDING SERVED BY EVA  
--- EVA ( ALL RAMP AND DRIVEWAY DESIGNED TO WITHSTAND 30 TONS, AND HARD PAVED MINIMUM 4.5m HEADROOM FOR EVA.) (NOT STEEPER THAN 1 : 10)

**CALCULATION OF THE BUILDING FACADE FOR EVA (G/F)**  
TOTAL LENGTH OF THE BUILDING = 143.850 m  
LENGTH OF THE BUILDING SERVED BY EVA = 30.198 m  
PERCENTAGE OF THE FACADE FACING EVA = 29.510 / 143.850 x 100 % = 20.993 % < 25 %

**CALCULATION OF THE BUILDING FACADE FOR EVA (1/F)**  
TOTAL LENGTH OF THE BUILDING = 143.428 m  
LENGTH OF THE BUILDING SERVED BY EVA = 29.510 m  
PERCENTAGE OF THE FACADE FACING EVA = 29.510 / 143.428 x 100 % = 20.575 % < 25 %

**CALCULATION OF THE BUILDING FACADE FOR EVA (2/F TO 25/F)**  
TOTAL LENGTH OF THE BUILDING = 135.240 m  
LENGTH OF THE BUILDING SERVED BY EVA = 37.120 m  
PERCENTAGE OF THE FACADE FACING EVA = 37.120 / 135.240 x 100 % = 27.448 % > 25 %

R/F GREENERY DIAGRAM (FOR OTHER-ZONE)  
(1 : 300)



**G/F GREENERY CALCULATIONS**  
(FOR PRIMARY ZONE)

①	0.675 s.m.
②	0.644 s.m.
③	0.412 s.m.
④	1.237 s.m.
⑤	0.785 s.m.
⑥	0.696 s.m.
⑦	0.781 s.m.
⑧	1.816 s.m.
⑨	5.420 s.m.
⑩	1.766 s.m.
⑪	7.344 s.m.
⑫	2.410 s.m.
⑬	2.579 s.m.
⑭	5.456 s.m.
⑮	5.042 s.m.
TOTAL	22.831 s.m.

**2/F GREENERY CALCULATIONS**  
(FOR PRIMARY ZONE)

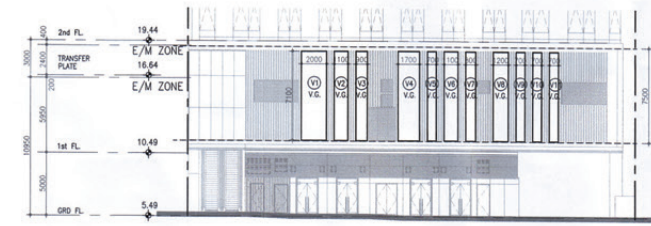
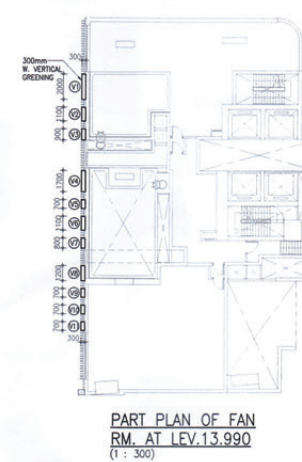
⑯	272.833 s.m.
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**R/F GREENERY CALCULATIONS**  
(FOR OTHER-ZONE)

⑰	7.520 s.m.
⑱	14.400 s.m.
TOTAL	21.920 s.m.

**VERTICAL GREENING CALCULATIONS**  
(FOR PRIMARY ZONE)

⑲	14.200 s.m.
⑳	7.810 s.m.
㉑	6.390 s.m.
㉒	12.070 s.m.
㉓	4.970 s.m.
㉔	7.810 s.m.
㉕	5.680 s.m.
㉖	8.520 s.m.
㉗	4.970 s.m.
㉘	4.970 s.m.
㉙	4.970 s.m.
TOTAL	82.360 s.m.



PART ELEVATION OF VERTICAL GREENING AT PRIMARY ZONE  
(FACING ON YIU STREET) (1 : 300)

