DIAGRAM FOR GREENERY ON G/F

1:300

DIAGRAM FOR GREENERY ON 1/F

1:300

DIAGRAM FOR GREENERY ON 11/F

1:300

DIAGRAM FOR GREENERY ON 10/F

1:300

LEGEND :

- GREENERY
- 300mm THK. x 2m(H) THK. VERTICAL GREEN WALL SYSTEM
- 300mm THK. VERTICAL GREEN WALL SYSTEM@ L/L OF EXTERNAL WALL
- 300mm THK. VERTICAL GREEN WALL SYSTEM @ H/L OF EXTERNAL WALL
- 300mm THK. VERTICAL GREEN WALL SYSTEM
- 300mm THK. ARTIFICIAL VERTICAL GREEN WALL SYSTEM

VG 2

1:200

VG 1

1:200

VG 3a

1:200

VG 3b

1:200

Design Requirment (3) -
Site Coverage of Greenery

Site Area = 5858 sq. m.

Min. Site Coverage of Greenery Shall be
10 % (Primary zone); 20% overall

Calculation for G/F Greenery (Primary Zone)

G1	=	193.327	sq. m.
G2	=	33.383	sq. m.
G2a	=	10.640	sq. m.
G3	=	46.961	sq. m.
G4	=	18.698	sq. m.
G5	=	70.281	sq. m.
G6	=	36.656	sq. m.
G7	=	188.323	sq. m.
G8	=	30.671	sq. m.
G9	=	62.703	sq. m.
G10	=	15.102	sq. m.
G11	=	2.875	sq. m.
G12	=	1.798	sq. m.
G13	=	39.566	sq. m.
G14	=	17.985	sq. m.
G15	=	4.573	sq. m.
G16	=	9.23	sq. m.
G17	=	10.426	sq. m.
Sub-Total	=	793.198	sq. m.

Calculation for G/F Vertical Green

Vertical Green	=	Area	(Refer to Drawings)
VG1 (300mm thk. Vertical Green Wall System @ G/F Building Facade)	=	48.650	sq. m.
VG2 (300mm thk. Vertical Green Wall System on RC Fence Wall)	=	97.620	sq. m.
VG3 (300mm thk. Vertical Green Wall System on RC Fence Wall)			
= VG3a + VG3b			
= 4.09 + 12.7	=	16.790	sq. m.
Sub-Total	=	163.060	sq. m.

Calculation for 1/F Greenery (Primary Zone)

G1	=	18.943	sq. m.
Sub-Total	=	18.943	sq. m.

Percentage of Greenery at Pedestrian Zone

= 793.198 + 163.060 + 18.943 / 5858 x 100

= 16.647 % > Min. Required 10%

Calculation for 10/F Greenery

GB1	=	63.621	sq. m.
Sub-Total	=	63.621	sq. m.

Calculation for R/F Greenery

R1	=	115.401	sq. m.
R2	=	88.973	sq. m.
R3	=	31.764	sq. m.
Sub-Total	=	236.138	sq. m.

Total Greenery Area

= 793.198 + 163.060 + 18.943 + 63.621 + 236.138

= 1274.960 sq.m.

Site Coverage of Greenery

= 1274.96 / 5858 x 100 %

= 21.764 % > Min. Required 20%

B.D. Ref. : BD 2/9286/13

F.S.D. Ref. : FP 43/0228<1>

NOTES :

Check all measurement on site. Do not scale off drawings.

This drawing to be read in conjunction with the Specification and other related drawings. Any discrepancies are to be immediately reported to the Architect.

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"The works shown on these plans are Type B works (General Building Works) in respect of which consent is applied for the purpose of First Fresh consent application under regulation 33 of the Building (Administration) Regulations."

Revision	Description	Date

AUTHORIZED PERSON (LIST A):

MOK CHI KIN

Project :
HONG KONG AIRLINES
AVIATION TRAINING CENTRE,
KWO LO WAN ROAD,
CHEK LAP KOK, LANTAU,
HONG KONG.

Job No. : H–1306

Drawing Title :
CALCULATION AND DIAGRAMS FOR SITE COVERAGE OF GREENERY

Drawn :	ALEAD	Design :	KB
Checked :	Wu	Authorised :	RM
Scale @A0 :	AS SHOWN	Issue Date :	JUL 2016
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