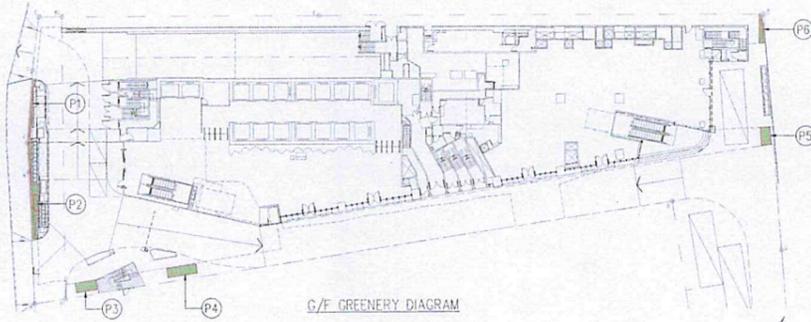


SUSTAINABLE BUILDING DESIGN GUIDELINES (SBDG)

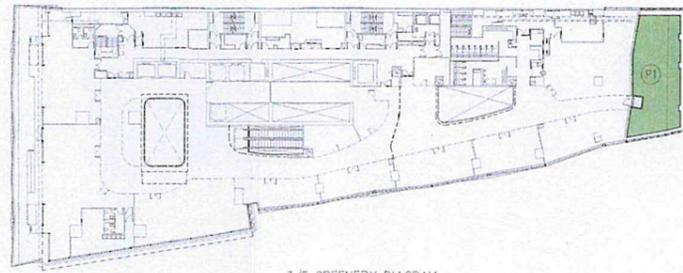
SITE AREA = 4261.000 s.m.
 HEIGHT OF BUILDING = 130.68 M
 LEVEL ZERO = 4.32 mP.D.
 = A

SITE COVERAGE OF GREENERY
 (UNDER PNAP APP-152)

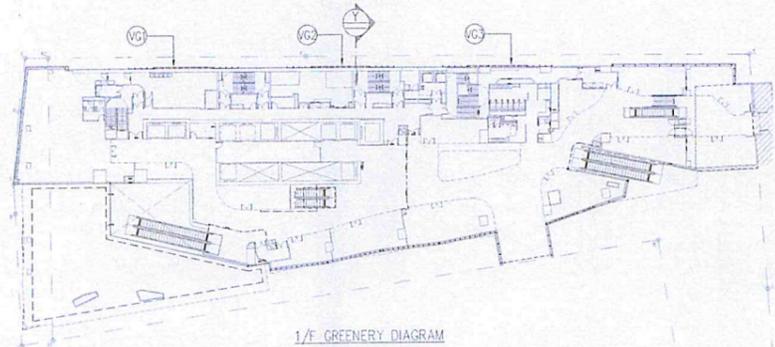


PLANTING AREA AT G/F

P1	= 9,237 s.m.
P2	= 1,347 s.m.
P3	= 4,389 s.m.
P4	= 5,940 s.m.
P5	= 3,692 s.m.
P6	= 2,202 s.m.
TOTAL	27,307 s.m.



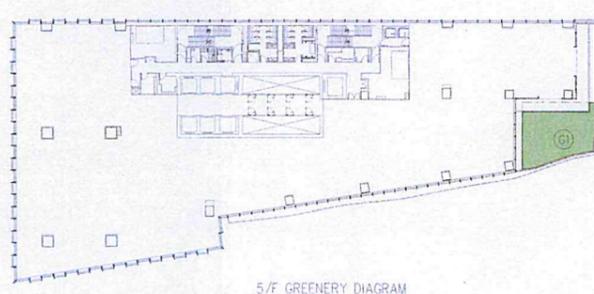
PLANTING AREA AT 3/F
 P1 = 119,024 s.m.



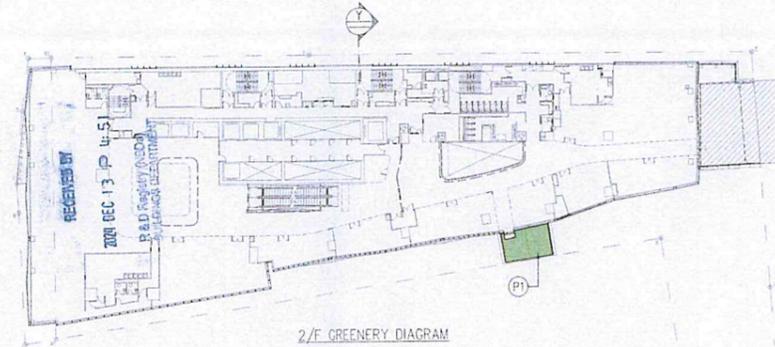
VERTICAL GREENERY AREA AT 1/F

VG1	8.850 x 9.629 (L) = 85,217 s.m.
VG2	8.850 x 9.629 (H) = 85,217 s.m.
VG3	8.850 x 9.629 (R) = 85,217 s.m.
TOTAL	255,651 s.m.

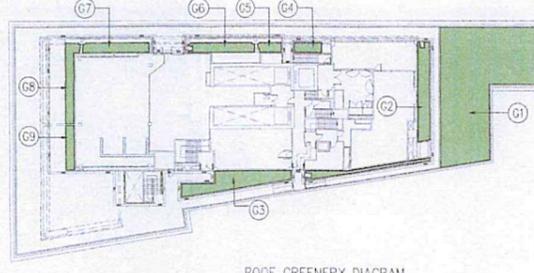
NOTE: ELEVATION OF VERTICAL GREENERY REFER TO DWG. NO. A/GBP/15



PLANTING AREA AT OTHER ZONE
 G1 = 89,861 s.m.
 TOTAL = 89,861 s.m.



PLANTING AREA AT 2/F
 P1 = 29,687 s.m.



PLANTING AREA AT OTHER ZONE

G1	= 214,208 s.m.
G2	= 25,372 s.m.
G3	= 32,538 s.m.
G4	= 5,625 s.m.
G5	= 4,761 s.m.
G6	= 13,134 s.m.
G7	= 13,684 s.m.
G8	= 15,707 s.m.
G9	= 7,967 s.m.
TOTAL	332,999 s.m.

SCHEDULE OF PLANTING AREA

PLANTING AREA	PRIMARY ZONE					OTHER ZONE	TOTAL
	G/F	1/F	2/F	3/F	5/F		
PLANTING AREA	27,307	-	29,687	119,024	89,861	332,999	
VERTICAL GREENERY AREA	-	255,651	-	-	-	255,651	
SUB-TOTAL						431,661	
GRAND-TOTAL						304,330	

SITE COVERAGE OF GREENERY CALCULATION

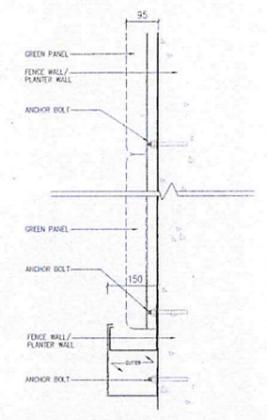
REQUIRED GREENERY COVERAGE AREA = 20% OF SITE AREA
 = 4261.000 s.m. x 20%
 = 852,200 s.m.

PLANTING AREA AT PRIMARY ZONE = PLANTING AREA AT PRIMARY ZONE + VERTICAL GREENING AREA AT PRIMARY ZONE
 = 431,661 s.m.

% OF PLANTING AREA AT PRIMARY ZONE = 431,661 / 4261.000 x 100%
 = 101.32 % > 100% (REQUIRED)

TOTAL GREENERY COVERAGE AREA PROVIDED = TOTAL PLANTING AREA + TOTAL VERTICAL GREENING AREA
 = 431,661 + 422,998
 = 854,659 s.m.

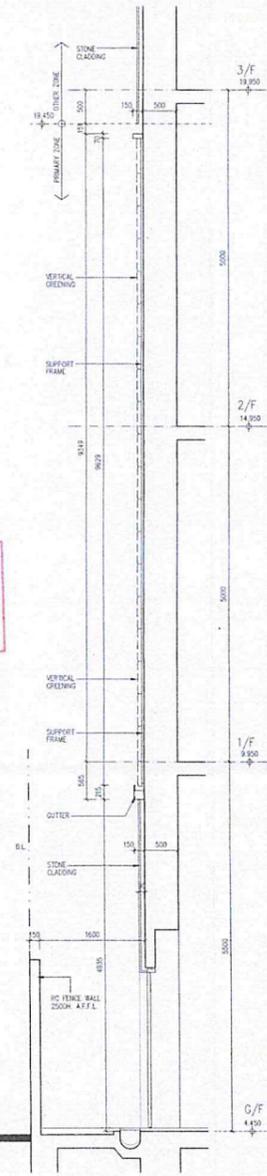
% OF GREENING FEATURE = VERTICAL GREENING AREA / TOTAL GREENING AREA
 = 255,651 / 852,200 x 100%
 = 29.99 % < 30% (PERMITTED)



TYPICAL DETAIL OF VERTICAL GREEN SECTION
 This detail is prepared in accordance with the standard details provided in PNAP APP-152. The duties of the authorized person, registered structural engineer and/or registered professional engineer concerned as specified under section 4(3)(b) and the provision of section 14(7)(c) of the Buildings Ordinance are of particular relevance in this regard.

Plan Approved
 LAM Tsz-fung
 Senior Building Surveyor
 for BUILDING AUTHORITY
 - 9 JAN 2025

I hereby certify this drawing is a true copy of its original
Smu
 LEUNG Sai Ho, Edward
 Authorized Person (Architect)



SECTION FOR VERTICAL GREEN
 SCALE 1 : 50
 NOTE: MAINTENANCE BY MEANS OF GONDOLA

Rev	Description	Drawn	Checked	Approved	Date	Rev	Description	Drawn	Checked	Approved	Date
1	1st SUBMISSION	TWM	CCM	KI	04/08/14	K	9th AMENDMENT	WY	BAY	AW	16/03/22
A	RESUBMISSION	TWM	KEI	KI	21/11/14	L	13th AMENDMENT	WY	BAY	AW	26/01/24
B	1st AMENDMENT	TWM	KEI	KI	24/08/15	M	14th AMENDMENT	WY	BAY	AW	28/06/24
C	2nd AMENDMENT	LHW	KEI	KI	23/03/16	N	15th AMENDMENT	WY	BAY	AW	14/08/24
D	3rd AMENDMENT	WY	KEI	KI	02/02/16	P	16th AMENDMENT	WY	BAY	AW	13/12/24
E	4th AMENDMENT	LHW	KEI	KI	15/11/16						
F	5th AMENDMENT	WY	KEI	KI	30/09/19						
G	6th AMENDMENT (WITHDRAWAL)	WY	ALA	KI	30/10/20						
H	7th AMENDMENT	WY	ALA	KI	15/01/21						
I	8th AMENDMENT	WY	ALA	KI	15/02/21						
J	8th AMENDMENT	WY	BAY	AW	03/12/21						

RONALD LU & PARTNERS
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 Tel : (852) 2891 2212
 Fax : (852) 2834 5442

Project Title
PROPOSED DEVELOPMENT AT 281 GLOUCESTER ROAD, CAUSEWAY BAY, HONG KONG

Drawing Title
CALCULATION (10) (S.B.D.)

Project No.
 110634K
 Issue Date.
 --- 2014
 Drawing No.
 A/GBP/28

Authorised Person's Signature
Smu
 LEUNG Sai Ho, Edward
 Authorized Person (Architect)

Authority's / Client's Approval
Buildings Department
 Amended Plan
 Type II works
 The works shown on these plans are Type II works (Building Amendment) in respect of which the Building Authority's consent is applied for.