



SUSTAINABLE BUILDING DESIGN (SBD) CALCULATION

SITE AREA = 1020 s.m. > 1000 s.m.

SITE COVERAGE OF GREENERY (FOR BD & DLO APPROVAL)
 TOTAL GREENERY AREA REQUIRED = 20% OF SITE AREA
 = 1020 x 20%
 = 204 s.m.

GREENERY PROVIDED

GREENERY AREA AT PRIMARY ZONE:		
PLANTER AT G/F	①	= 6.402 s.m.
PLANTER AT G/F	②	= 6.640 s.m.
PLANTER AT G/F	③	= 3.705 s.m.
PLANTER AT G/F	④	= 2.798 s.m.
PLANTER AT G/F	⑤	= 1.172 s.m.
PLANTER AT G/F	⑥	= 3.770 s.m.
PLANTER AT G/F	⑦	= 31.985 s.m.
PLANTER AT G/F	⑧	= 64.064 s.m.
PLANTER AT G/F	⑨	= 2.325 s.m.
PLANTER AT G/F	⑩	= 2.325 s.m.
PLANTER AT G/F	⑪	= 2.325 s.m.
PLANTER AT G/F	⑫	= 2.325 s.m.
PLANTER AT G/F	⑬	= 8.287 s.m.
PLANTER AT G/F	⑭	= 8.296 s.m.
PLANTER AT G/F	⑮	= 5.314 s.m.
PLANTER AT G/F	⑯	= 1.725 s.m.
		= 144.258 s.m.
TOTAL		= 144.258 - 0.9875 = 143.271 s.m.

DEDUCT
 WATER SUPPLY TOSM:
 ① = 0.0625 s.m.
 ② = 0.0625 s.m.
 ③ = 0.0625 s.m.
 MANHOLE COVER:
 ④ = 0.16 s.m.
 ⑤ = 0.16 s.m.
 ⑥ = 0.16 s.m.
 ⑦ = 0.16 s.m.
 ⑧ = 0.16 s.m.

GREENING FEATURE :		
VERTICAL GREENING	V1	= 3.962 s.m.
VERTICAL GREENING	V2	= 3.962 s.m.
VERTICAL GREENING	V3	= 3.962 s.m.
VERTICAL GREENING	V4	= 3.962 s.m.
VERTICAL GREENING	V5	= 3.962 s.m.
VERTICAL GREENING	V6	= 3.962 s.m.
VERTICAL GREENING	V7	= 3.962 s.m.
VERTICAL GREENING	V8	= 3.962 s.m.
VERTICAL GREENING	V9	= 3.962 s.m.
VERTICAL GREENING	V10	= 3.962 s.m.
VERTICAL GREENING	V11	= 3.962 s.m.
VERTICAL GREENING	V12	= 3.962 s.m.
VERTICAL GREENING	V13	= 2.744 s.m.
VERTICAL GREENING	V14	= 2.744 s.m.
VERTICAL GREENING	V15	= 3.962 s.m.
VERTICAL GREENING	V16	= 3.962 s.m.
TOTAL GREENING FEATURE:		= 60.956 s.m.

TOTAL PROVIDED GREENING FEATURE = 60.956 + 143.271
 = 204.227 s.m. > 204 s.m.

(PROVIDED GREENERY > REQUIRED GREENERY)

30% OF GREENING FEATURE s.m. = 60.956 s.m. / 204.227
 = 29.85% < 30%

PEDESTRIAN OR ACCESSIBLE BY VISITOR ENTERING THE LOT (FOR DLO INFORMATION ONLY)
 = 204.227 / 204.227
 = 100% > 50%

GREENERY AREA

BD REF. 2/9028/18 FSD REF.

DESCRIPTION	DATE
MAJOR AMENDMENT	23/01/2020
MAJOR AMENDMENT (RESUBMISSION)	27/03/2020
1ST AMENDMENT	23/09/2020
2ND AMENDMENT	25/02/2021
3RD AMENDMENT	01/04/2021
4TH AMENDMENT	19/07/2021
5TH AMENDMENT	03/12/2021
6TH AMENDMENT	21/01/2022

CLIENT(S)
 SUPER SKY DEVELOPMENT LIMITED

GREAT MEGA
 ARCHITECTS & CONSULTANTS LIMITED
 FLAT A/F, 21/F, 315 LOCKHART ROAD, WANCHAI, HK.
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AUTHORIZED PERSON

[Signature]
 SO CHI WANG
 MHKIS, RPS(BS)
 Authorized Person AP(S)1/16

STRUCTURAL ENGINEER

PROJECT TITLE
 PROPOSED RESIDENTIAL DEVELOPMENT AT DD.121 TONG YAN SAN TSUEN LOT 2168

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

DRAWING TITLE
 GREENERY CALCULATION

DATE 21/01/2022 SCALE 1:100 @ A1

DRAWN WL CHECKED WC

DWG. NO. GB - 016 REV. G

NOTE
 ALWAYS VERIFY MEASUREMENTS AND DETAILS ON SITE. DO NOT ATTEMPT TO RE-SCALE DRAWING. ALL MATTERS SHOWN IN THIS DRAWING(S) ARE AND WILL FOREVER REMAIN THE PROPERTY OF THE FIRM AND/OR ITS AFFILIATIONS.
 BD

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 R & D Facility (R&D)
 BUILDINGS DEPARTMENT

Note: This plan has been processed on a controlled check basis under the centralized processing system as promulgated in PNAP AD34-19. 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
 CHENG Hang-on, Colin
 Senior Building Surveyor
 for BUILDING AUTHORITY
 18 FEB 2022