





LEGEND

- VERTICAL GREENING
- HORIZONTAL GREENERY
- IRRIGATION POINT

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PROJECT NO. 1656

PROJECT NAME
 RESIDENTIAL DEVELOPMENT
 AT KAM TIN SOUTH, DD106, LN2311, NT
 (NO. 38 KAM SHEUNG ROAD)

DRAWING TITLE
 GREENERY CALCULATION

DRAWING NO
 GP-02

REVISION	SCALE
-	1 : 300 (A3)

DESIGNED BY	DRAWN BY
TC	CT

APPROVED BY	DATE
TC	05 - 2018

CLIENT
 BATCH PROFIT ENTERPRISE LTD.

ARCHITECT / AUTHORIZED PERSON

i Architects Limited
 Unit C, 28/F, East Tower,
 800 Tsim Sha Tsui Road, Kowloon
 Tel: (852) 2115 8122 Fax: (852) 2115 8125
 Email: info@iarchitects.com.hk

CALCULATION OF GREENERY AREA:

MINIMUM REQUIREMENT OF SITE COVERAGE GREENERY:
 $1000m^2 < 3418m^2 < 20000m^2$, TOTAL GREENERY AREAS : 20%
 $3418m^2 \times 20\% = 683.600m^2$

MAXIMUM VERTICAL GREENING (30% OF GREENERY AREA) :
 $3418m^2 \times 20\% \times 30\% = 205.080m^2$

PROVIDED VERTICAL GREENING:
 = VG1 + VG2 + VG3 + VG4 + VG5 + VG6
 = $(40.705 \times 3.000) + (6.840 \times 3.000) + (30.695 \times 1.625)$
 + $(6.665 \times 4.300) + (10.620 \times 3.000) + (3.200 \times 3.000)$
 = $122.115 + 20.520 + 49.879 + 28.660 + 31.860 + 9.600$
 = $262.634m^2 > 205.080m^2$
 = $205.080m^2$

HORIZONTAL GREENERY PLANTING:
 = (P1 + P2 + P3 + P4 + P5 + P6 + P6a + P7 + P8 + P9 + P10 + P11 + P12 + P13 + P14 + P15 + P16 + P17 + P18 + P19 + P20 + P21) - HORIZONTAL AREA OF SOIL IN PLANTERS UNDER THE VERTICAL FRAME COUNTED FOR VERTICAL GREENING
 = $(30.053 + 1.831 + 6.867 + 2.910 + 1.531 + 3.696 + 0.746 + 39.346 + 9.155 + 10.251 + 14.085 + 125.138 + 84.572 + 35.979 + 37.108 + 88.285 + 17.907 + 2.503 + 4.322 + 16.058 + 7.247 + 12.094) - [(40.705 + 6.840 + 30.695 + 6.665 + 10.620 + 3.200) \times 0.09]$
 = $551.684 - 8.885$
 = $542.799m^2$

TOTAL GREENERY AREAS :
 $205.080 + 542.799 = 747.879m^2 > 683.600m^2$

- NOTES:
- ALL GREENERY AREAS SHALL BE VISIBLE TO PEDESTRIANS OR ACCESSIBLE BY PERSON ENTERING THE LOT.
 - ALL GREENERY AREAS SHALL BE DESIGNATED AS COMMON AREAS IN DMC.

GREENERY CALCULATION