

GREENERY AREA CALCULATION :

SITE AREA = 20,615 s.m.

TOTAL GREENERY AREA REQUIRED :

20,615 x 15% = 3,092.250 s.m. (PRIMARY ZONE)

20,615 x 30% = 6,184.500 s.m. (OVERALL)


MEAN STREET LEVEL :


$(62.40 + 49.55) / 2 = 55.975$


MAX. HEIGHT OF PRIMARY ZONE :

$55.975 + 15.00 \text{ mpd} = 70.975 \text{ mpd}$

GREENERY AREA PROVIDED :

 PLANTERS : 2,777 s.m. (OVERALL)

 SLOPE < 45° : 4081.18 s.m. (PRIMARY ZONE)

 SLOPE > 45° : 2,900 s.m. (PRIMARY ZONE)

ACCOUNTABLE GREENERY AREA AT SLOPES > 45° :

$3,092.250 \times 30\% = 927.675 \text{ s.m. (PRIMARY ZONE)}$

$6,184.500 \times 30\% = 1,855.350 \text{ s.m. (OVERALL)}$

TOTAL GREENERY AREA PROVIDED (PRIMARY ZONE) :

$4081.18 + 927.675 = 5,008.855 \text{ s.m. (24.297\%)} > 3,092.25 \text{ s.m. (15\%)} \text{ (i.e. O.K.)}$

TOTAL GREENERY AREA PROVIDED (OVERALL) :

$2777 + 4081.18 + 1,855.350 = 8,713.3 \text{ s.m. (42.268\%)} > 6,184.5 \text{ s.m. (30\%)} \text{ (i.e. O.K.)}$

ADDITIONAL VERTICAL GREEN PROVIDED :

GREEN WALL '1' = $3.190 \times 3.600 = 11.484 \text{ s.m.}$

GREEN WALL '2' = $2.760 \times 3.600 = 9.936 \text{ s.m.}$

GREEN WALL '3' = $3.190 \times 3.600 = 11.484 \text{ s.m.}$

GREEN WALL '4' = $4.200 \times 3.600 = 15.120 \text{ s.m.}$

GREEN WALL '5' = $4.200 \times 3.600 = 15.120 \text{ s.m.}$

GREEN WALL '6' = $4.200 \times 3.600 = 15.120 \text{ s.m.}$

GREEN WALL '7' = $2.300 \times 3.600 = 8.280 \text{ s.m.}$

GREEN WALL '8' = $4.200 \times 3.600 = 15.120 \text{ s.m.}$

TOTAL = 101.664 s.m.

**NEW GREENERY AREA
DIAGRAM**
SCALE = 1 : 800

NEW

PROJECT	PROPOSED ALTERATION & ADDITION WORKS ON LL1946 NO.6 BROADWOOD ROAD, BEVERLY HILL HAPPY VALLEY HONG KONG
TITLE	GREENERY AREA DIAGRAM (NEW)
REVISION	(C)
DATE	06/2017
SCALE	AS SHOWN
APPROVED BY :	AS SHOWN
CHECKED BY :	AS SHOWN
DRAWN BY :	AS SHOWN
DATE	06/2017
COMP. REF. :	
JOB NO. :	MW1607
DRAWING NO. :	SBD-09
REVISION :	(C)
DATE	06/2017
COMP. REF. :	
DATE	15-05-2023
DATE	18-12-2023
DATE	27-11-2018