

PROJECTED FACADE THROUGH PROJECTION PLANE Y

PODIUM

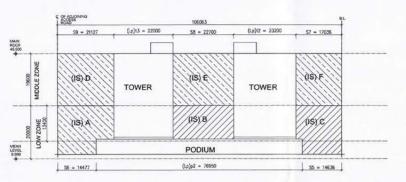
TOWER

122862 (Lp)t1 = 52430

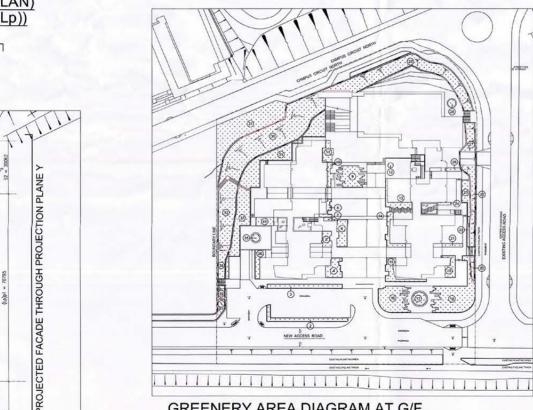
S4 = 38412

(ISI)

/USY B



PROJECTED FACADE THROUGH PROJECTION PLANE X



GREENERY AREA DIAGRAM AT G/F

GROUND FLOOR			
(1) GREENERY AREA	* 13.756 S.M.	(21) GREENERY AREA	= 10.010 S
(2) GREENERY AREA	* 42.056 S.M.	(22) GREENERY AREA	- 5.571 S
3 GREENERY AREA	= 39.252 S.M.	(23) GREENERY AREA	= 62.916 S
	# 35.168 S.M.	(24) GREENERY AREA	* 5.000 S
(5) GREENERY AREA	= 19.008 S.M.		= 28.102 S
(6) GREENERY AREA	- 35.939 S.M.	GREENERY AREA GREENERY AREA	* 6.521 S
GREENERY AREA GREENERY AREA	- 3.805 S.M.		- 36,361 S
(8) GREENERY AREA	■ 11.273 S.M.	(28) GREENERY AREA	* 7.354 5
(9) GREENERY AREA	* 66.954 S.M.	(20) GREENERY AREA	= 250,177 8
(10) GREENERY AREA	- 14,041 S.M.	(30) GREENERY AREA	- 418.544 S
(11) GREENERY AREA	 23.348 S.M. 	(2) GREENERY AREA (26) GREENERY AREA (20) GREENERY AREA (31) GREENERY AREA	= 164,688 S
(12) GREENERY AREA	= 3.142 S.W.	GREENERY AREA GREENERY AREA	= 144.278 \$
(13) GREENERY AREA	= 26.547 S.M.	(33) GREENERY AREA	= 112.507 S
(14) GREENERY AREA	 25.465 S.M. 	GREENERY AREA GREENERY AREA	- 20.790 S
(15) GREENERY AREA	= 37.035 S.M.	(35) GREENERY AREA	= 7.069 S
(6) GREENERY AREA	# 95.850 S.M.	GREENERY AREA	= 25.267 5
(6) GREENERY AREA (17) GREENERY AREA (18) GREENERY AREA (19) GREENERY AREA	- 20.428 S.M.	GREENERY AREA GREENERY AREA	= 245,000 S
(18) GREENERY AREA	- 157,339 S.M.	(36) GREENERY AREA	= 28.227 S
(19) GREENERY AREA	- 24.835 S.M.	(39) GREENERY AREA	- 11.312 5
(20) GREENERY AREA	= 10.486 S.M.		TOTAL - 2295.423 S

BUILDING SEPARATION ASSESSMENT

BUILDING HEIGHT: 46.500M. - 6.900M. = 39.600M. (< 60m)

SITE AREA = ~10629.594 S.M. (< 20000 S.M.) PROPOSED BUILDING: 2 TOWERS ABOVE A PODIUM SEPARATELY MEAN LEVEL: 6.900m HEIGHT OF PODIUM: 14.400M. - 6.900M. = 7.500 M.

1) CONTINUOUS PROJECTED FACADE LENGTH (Lp) OF BUILDING ABUTTING A STREET BUILDING PARTLY WITHIN 30m FROM THE CENTRELINE OF AN ADJOINING STREET

AREA [3+4+5] AREA[1] LENGTH [a] LENGTH [c+d+e] [997.780 s.m. + 491.813 s.m. + 321.961 s.m.] [1877.530 s.m.] Ux = [38.656 m + 15.709 m + 9.507 m] [70.845 m] 1877.530 1811.554 Ux = Uv = 70 845 Uy = 26.502 Ux = 28.591 U(Ux > Uy)28 591 m $MAX (Lp) = 5 \times Uy = 26.502 \times 5$ 132 510 m (Lp)t ((Lp)t1 > (Lp)t2 > (Lp)t3)52.430 m PROPOSED (Lp) OF TOWER (Lp)t 52.430 m ≤ 132.510 m (Lp)p ((Lp)p2 > (Lp)p1)76.950 m PROPOSED (LP) OF PODIUM (LP)p 76.950 m ≤ 132.510 m

2) SEPARATING DISTANCE (S) & PERMEABILITY (P) OF BUILDINGS PROJECTED FACADE THROUGH PROJECTION PLANE Y

MINIMUM (P) (FROM TABLE 1)PNAP APP. 152

MIN. 7.5m TO C.L. OF ADJOINING STREET OPEN TO ABOVE OR H ≥ 2/3 OF THE ASSESSMENT ZONE

S2 = AREA D / LENIGTH = 1382.122 / 70.795 = 19.522 M. LOW ZONE = 70.795 M. (>132.520 M) (Lp)p1 AREA OF LOW ZOINE = 122.862 x 20 = 2457.240 S.M.

TOTAL FACADE AREA OF THE INTERVENING SPACES: (IS)A + (IS)B =635 478 + 494 638 = 1130.116 S.M. (P) ACHIEVED BY THE INTERVENING SPACES

1130.116 / 2457.2-40 x 100% = 45.991 % (>20%)

MIDDLE ZONE = 52.430 M. (>132.520 M) AREA OF MIDDLE .ZONE = 122.862 x 19.600 = 2408.095 S.M.

TOTAL FACADE AREA OF THE INTERVENING SPACES (IS)C + (IS)D =627.592 + 752.875 = 1380,467 S.M.

(P) ACHIEVED BY THE INTERVENING SPACES 1380.467 / 2408.095 x 100% = 57.326 % (>20%)

PROJECTED FACADE THROUGH PROJECTION PLANE X MINIMUM (P) 20 % (FROM TABLE 1)PNAP APP. 152

MIN. 7.5m TO C.L. OF ADJOINING STREET

OPEN TO ABOVE OR H ≥ 2/3 OF THE ASSESSMENT ZONE

LOW ZONE (Lp)p2 = 76.950 M. (>132.520 M) AREA OF LOW ZONE = 1 06.063 x 20 =2121.260 S.M. TOTAL FACADE AREA OF THE INTERVENING SPACES: (IS)A + (IS)B + (IS)C = 350.499 + 287.155 + 299.669 = 949.491 S.M.

(P) ACHIEVED BY THE INTERVENING SPACES 949.491 / 2121.260 x 100% = 44.761 % (>20%)

MIDDLE ZONE (Lp)t2

= 23.200 M. (>132.520 M) AREA OF MIDDLE ZONE = 106.063 x 19.600 = 2078.835 S.M.

TOTAL FACADE AREA OF THE INTERVENING SPACES (IS)D + (IS)E + (IS)F = 4 14.089 + 444.920 + 333.913 = 1192.922 S.M. (P) ACHIEVED BY THE INTERVENING SPACES 1192.922 / 2078.835 x 100 %

= 57.384 % (>20%)

GREENERY AREA CALCULATION

SITE AREA = 10629.594 S.M. TOTAL GREENERY AREA REQ'D 10629.594 x 20% = 2125.919 S.M. 50% OF THE 20% GREEN ERY AREA TO BE VISIBLE PEDESTRIAN OR ACCESSIBLE BY ANY PERSON 2125.919 x 50% = 1062.960 S.M. GREENERY AREA TO BE PROVIDED AT PEDESTRIAN ZONE

GREENERY AREA BELOW 15M TOTAL GREENERY AREA PRO'D

= 2295.423 S.M. > 1062.960 S.M. = 2295.423 S.M. > 2125.919 S.M. B.D. REF. ED 8/10325 415

KEY PLAN:

Notes:

CHO Wing Cheong, Peter Authorized Person, Architect For & on behalf of





andrew lee king fun & associates architectstd.

Meinhardt (C&S) Ltd.

Consulting Engineers Parsons Brinckerhoff Consulting Engineers

ACLA Ltd.

LAW Poi-sze, Anny Senior Building Surveyor for BUILDING AUTHORI

2 4 APR 2018

ENVIRON Hong Kong Ltd.

C K M Asia Ltd.

NTERIOR DESIGNER

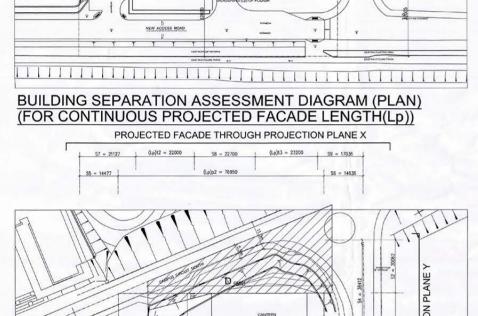
2 x 338 PLACE STUDENT HOSTELS IN AREA 39

AT CAMPUS CIRCUIT NORTH FOR THE CHINESE UNIVERSITY OF HONG KONG, R.P. OF STTL No.437 & THE EXT. THERETO

DIAGRAMS AND CALCULATIONS, SET BACK, BUILDING SEPARTION

1:500 EDDY CHU DATE 29/05/2013

A-1211/G-14



BUILDING SEPARATION ASSESSMENT DIAGRAM (PLAN) (FOR SEPARATING DISTANCE (S) & PERMEABILITY (P) OF BUILDINGS)