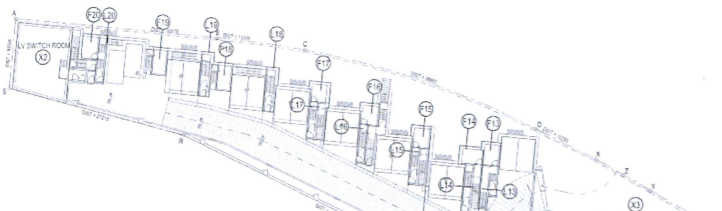


G.F.A. EXEMPTED AREA DIAGRAM



G.F.A. EXEMPTED AREA CALCULATION

POTABLE & FLUSH WATER PUMP ROOM		STAIRCASE LIFT SHAFT & LOBBY	
P1 = 9.45 s.m.	L1 = 18.005 s.m.		
P2 = 9.45 s.m.	L2 = 18.005 s.m.		
P3 = 9.438 s.m.	L3 = 18.038 s.m.		
P4 = 9.438 s.m.	L4 = 18.147 s.m.		
P5 = 9.438 s.m.	L5 = 17.769 s.m.		
P6 = 9.36 s.m.	L6 = 17.64 s.m.		
P7 = 8.724 s.m.	L7 = 10.933 s.m.		
P8 = 7.644 s.m.	L8 = 10.923 s.m.		
P9 = 8.724 s.m.	L9 = 11.273 s.m.		
P10 = 8.724 s.m.	L10 = 11.273 s.m.		
P11 = 8.724 s.m.	L11 = 10.913 s.m.		
P12 = 8.152 s.m.	L12 = 15.36 s.m.		
P13 = 8.443 s.m.	L13 = 14.388 s.m.		
P14 = 8.443 s.m.	L14 = 19.314 s.m.		
P15 = 9.45 s.m.	L15 = 15.248 s.m.		
P16 = 9.446 s.m.	L16 = 8.033 s.m.		
P17 = 9.439 s.m.	L17 = 19.484 s.m.		
P18 = 9.45 s.m.	L18 = 11.785 s.m.		
P19 = 9.45 s.m.	L19 = 11.547 s.m.		
P20 = 9.421 s.m.	L20 = 9.415 s.m.		
TOTAL = 182.711 s.m.	TOTAL = 275.410 s.m.		

OVERALL GREEN REQUIRED = 460 x 20% s.m. = 92000 s.m.
 FOOTPRINT GREEN MIN. REQUIRED (70% OF OVERALL GREEN) = 65520 s.m.
 VERTICAL GREEN MAX. ALLOWED (30% OF OVERALL GREEN) = 936 x 30% s.m. = 28080 s.m.

GREENERY AREA CALCULATION AT PEDESTRIAN ZONE LEVEL

FOR PEDESTRIAN ZONE:

G11 = 4.42 s.m.	G27 = 9.085 s.m.	G45 = 15.689 s.m.	G101 = 1.536 s.m.
G11a = 1.285 s.m.	G27a = 0.671 s.m.	G45a = 2.107 s.m.	G102 = 0.791 s.m.
G12 = 3.31 s.m.	G28 = 5.833 s.m.	G45b = 2.813 s.m.	G103 = 1.987 s.m.
G12a = 11.44 s.m.	G29 = 9.978 s.m.	G46 = 41.51 s.m.	G104 = 2.689 s.m.
G13 = 5.911 s.m.	G30 = 5.51 s.m.	G46a = 2.309 s.m.	G105 = 1.696 s.m.
G14 = 18.91 s.m.	G31 = 9.559 s.m.	G46b = 1.37 s.m.	G106 = 0.594 s.m.
G14a = 1.662 s.m.	G32 = 5.151 s.m.	G47 = 7.142 s.m.	G107 = 0.793 s.m.
G15 = 3.327 s.m.	G33 = 9.192 s.m.	G47a = 1.047 s.m.	G108 = 1.862 s.m.
G16 = 0.915 s.m.	G34 = 5.213 s.m.	G47b = 8.534 s.m.	G109 = 1.365 s.m.
G17 = 11.178 s.m.	G35 = 10.614 s.m.	G48 = 71.613 s.m.	G110 = 4.132 s.m.
G18 = 7.74 s.m.	G36 = 5.511 s.m.	G48a = 8.348 s.m.	G112 = 0.669 s.m.
G19 = 10.724 s.m.	G37 = 7.468 s.m.	G48b = 3.833 s.m.	G113 = 1.536 s.m.
G20 = 7.74 s.m.	G38 = 5.511 s.m.	G48c = 2.22 s.m.	G114 = 1.536 s.m.
G21 = 21.246 s.m.	G39 = 13.795 s.m.	G49 = 45.338 s.m.	G115 = 1.532 s.m.
G22 = 8.74 s.m.	G40 = 7.244 s.m.	G49a = 33.223 s.m.	G116 = 1.599 s.m.
G23 = 12.358 s.m.	G41 = 17.866 s.m.	G50 = 6.513 s.m.	G117 = 0.693 s.m.
G24 = 14.11 s.m.	G42 = 10.914 s.m.	G50a = 3.658 s.m.	G118 = 0.792 s.m.
G26 = 1.313 s.m.	G43 = 23.993 s.m.	G51 = 2.994 s.m.	G119 = 1.77 s.m.
G26a = 2.27 s.m.	G44 = 15.941 s.m.	G52 = 2.981 s.m.	G120 = 1.77 s.m.
G26b = 0.54 s.m.	G45 = 0.089 s.m.	G53 = 8.748 s.m.	G121 = 1.78 s.m.
G26c = 1.365 s.m.	G46 = 0.195 s.m.	G54 = 5.235 s.m.	G122 = 0.727 s.m.
		G54a = 3.49 s.m.	G123 = 0.391 s.m.
		G54b = 1.114 s.m.	G124 = 1.114 s.m.
		G55 = 0.089 s.m.	G125 = 0.347 s.m.
		G55a = 0.195 s.m.	G126 = 1.465 s.m.

Sub-TOTAL = 661.31 s.m. > 655.200 s.m. (MIN.)

GREENERY AREA CALCULATION AT VERTICAL GREEN AREA:

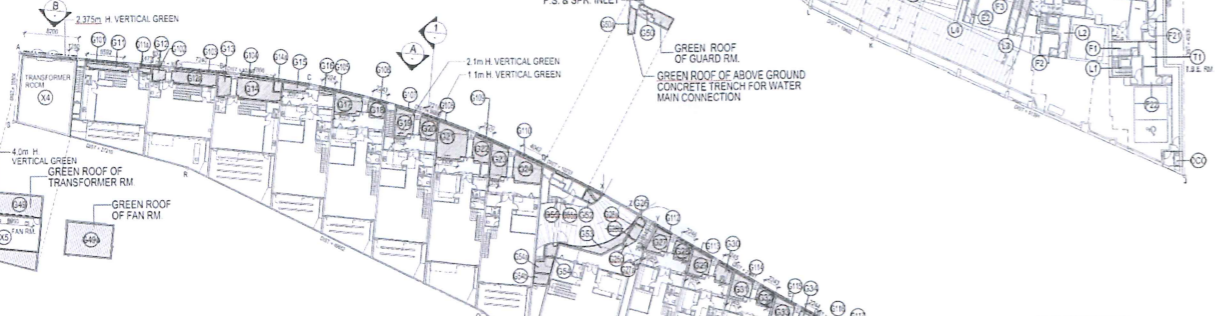
TOTAL LENGTH = 53.590 m. x 1.1 m. HEIGHT	FOOTPRINT GREEN PROVIDED (A) = 661.31 s.m. > 655.200 s.m. (MIN.)
SUB-TOTAL = 58.949 s.m.	
TOTAL LENGTH = 25.203 m. x 1.6 m. HEIGHT	
SUB-TOTAL = 40.325 s.m.	
TOTAL LENGTH = 62.820 m. x 2.1 m. HEIGHT	VERTICAL GREEN AREA ON PLAN = 53.590 + 25.203 + 62.820 + 8.800 + 8.200 = 158.613 x 0.15 = 23.792 s.m.
SUB-TOTAL = 131.922 s.m.	
TOTAL LENGTH = 8.800 m. x 4.0 m. HEIGHT	
SUB-TOTAL = 35.200 s.m.	
TOTAL LENGTH = 8.200 m. x 2.375 m. HEIGHT	TOTAL GREENERY AREA:
SUB-TOTAL = 19.475 s.m.	FOOTPRINT GREEN = 661.31 s.m.
TOTAL = 285.871 s.m. > 280.800	VERTICAL GREEN = 280.800 s.m.
(TOTAL ALLOWABLE VERTICAL GREEN AREA)	TOTAL = 943.11 s.m. > 936.000 (MIN. TOTAL GREEN AREA)

CARPARK LEVEL MASTER LAYOUT PLAN
SCALE 1:400

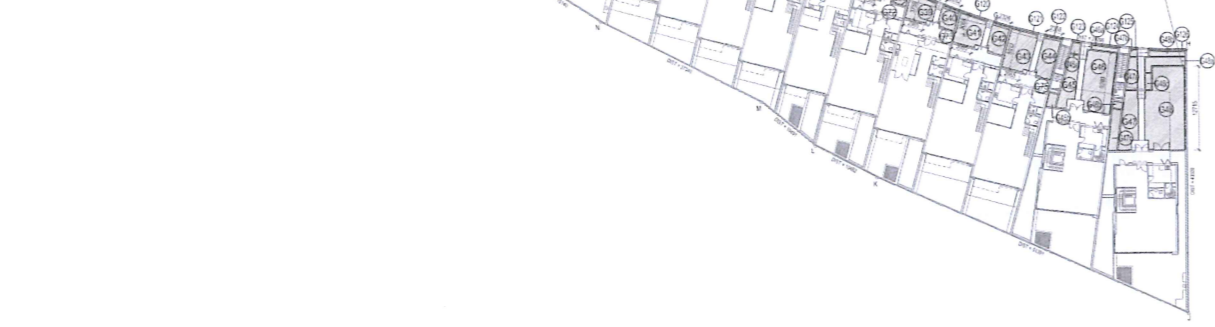
G.F.A. EXEMPTED AREA CALCULATION

X1 = 118.958 s.m.	F.S. SPR. & F.S. PUMP ROOM
X2 = 87.767 s.m.	LV SWITCH ROOM
X3 = 41.548 s.m.	MASTER WATER METER ROOM
E1 = 4.731 s.m.	ELECT. ROOM 1
E2 = 4.498 s.m.	ELECT. ROOM 2
F21 = 5.401 s.m.	ELECT. ROOM 3
F22 = 9.265 s.m.	POTABLE & FLUSH WATER PUMP RM FOR CP
X4 = 17.463 s.m.	FAN RM 2
X5 = 10.587 s.m.	TRANSFORMER ROOM
X6 = 38.210 s.m.	FAN RM 1
TOTAL = 419.428 s.m.	

GREENERY DIAGRAM



GROUND FLOOR MASTER LAYOUT PLAN
SCALE 1:400



Rev. Date: 14/03/2012
 F330 Rev: 01/03/2012
 PPS207(1)

Rev. Date	Amendment	Reason
14/03/2012	FIRST ISSUE	SUBMISSION
15/02/2012	RE-SUBMISSION	SUBMISSION
02/03/2012	OSP AMENDMENT	SUBMISSION
18/02/2012	OSP AMENDMENT	SUBMISSION
04/03/2012	OSP AMENDMENT	SUBMISSION
18/02/2012	OSP AMENDMENT	SUBMISSION
18/02/2012	OSP AMENDMENT	SUBMISSION
20/03/2012	OSP AMENDMENT	SUBMISSION

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 Read the drawing in conjunction with the specifications and all other related drawings.
 Notify the Architect immediately of any discrepancies found herein.
 Client:

APEX HARVEST LIMITED

Project:
PROPOSED RESIDENTIAL DEVELOPMENT AT SHA TIN TOWN LOT NO.562, 59, 61, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77 LAI PING ROAD
 Drawing Title:
DIAGRAM & CALCULATION SUSTAINABLE BUILDING DESIGN

Job No.	Drawing No.	Revision No.
3957	GB042	F
Scale	Date	CAD FILE
SUBMISSION#EP 2012		3957GB043
Drawn	Checked	Approved
JL	ROY	TC