

REFUGE FLOOR (F.A.R.) - TOWER T1

17TH, 26TH & 35TH

S.NO. WIDTH (M) LENGTH (M) NOS. AREA (SqM)

ADDITIONS

A	18.740	10.325	2	386.981
B	1.200	0.400	2	0.960
C	1.400	0.650	2	1.820
D	3.200	1.970	2	12.608
E	1.000	0.450	2	0.900
F	1.400	0.400	2	1.120
G	10.275	1.100	2	22.605
H	0.470	1.100	2	1.034
I	0.500	1.465	1	0.733
J	4.900	1.375	1	6.738
K	3.100	2.270	1	7.037
L	1.455	0.725	1	1.055
M	1.065	0.300	1	0.320
N	2.520	5.700	1	14.364
O	3.760	10.070	1	37.863
P	8.250	6.300	1	51.975
Q	7.265	8.090	1	58.774
R	1.570	0.240	1	0.377
S	0.400	2.060	1	0.824
T	3.945	1.375	1	5.424
U	1.970	5.740	1	11.308
V	1.350	6.900	1	9.315
W	1.000	3.780	1	3.780
X	1.365	0.750	1	1.024
Y	0.300	4.530	1	1.359
Z	1.800	0.150	1	0.270
GROSS A (TOTAL ADDITIONS)				640.566

SUBTRACTIONS

1	2.960	5.300	1	15.688
2	1.560	0.850	1	1.326
3	1.560	1.170	1	1.825
4	1.250	2.320	1	2.900
5	1.820	0.940	1	1.711
6	2.695	2.700	3	21.830
7	1.325	0.900	1	1.193
8	1.425	1.700	1	2.423
9	1.500	2.700	1	4.050
10	1.200	0.890	1	1.068
11	1.300	1.900	1	2.470
12	1.250	2.890	1	3.613
GROSS 3 (TOTAL)				6.083
TOTAL FIRE LOBBY AREA IN T1 & T2				12.165

BUILT-UP AREA CALCULATION - TOWER T1

GROSS 3

GROSS 2

GROSS 1

GROSS 4 (GROSS 1+2+3)

TOTAL BUILT-UP AREA IN T1 & T2

GROSS 3

GROSS 2

GROSS 1

GROSS 4 (GROSS 1+2+3)

TOTAL BUILT-UP AREA IN T1 & T2

GROSS 3

GROSS 2

GROSS 1

GROSS 4 (GROSS 1+2+3)

TOTAL BUILT-UP AREA IN T1 & T2

GROSS 3

GROSS 2

GROSS 1

GROSS 4 (GROSS 1+2+3)

TOTAL BUILT-UP AREA IN T1 & T2

GROSS 3

GROSS 2

GROSS 1

GROSS 4 (GROSS 1+2+3)

TOTAL BUILT-UP AREA IN T1 & T2

GROSS 3

GROSS 2

GROSS 1

GROSS 4 (GROSS 1+2+3)

TOTAL BUILT-UP AREA IN T1 & T2

GROSS 3

GROSS 2

GROSS 1

GROSS 4 (GROSS 1+2+3)

TOTAL BUILT-UP AREA IN T1 & T2

GROSS 3

GROSS 2

GROSS 1

GROSS 4 (GROSS 1+2+3)

TOTAL BUILT-UP AREA IN T1 & T2

03 REFUGE TERRACE (TOWER T1 & T2)

CARPET AREA DIAGRAM

SCALE 1:100

REFUGE TERRACE CARPET AREA - TOWER T1

S.NO. WIDTH (M) LENGTH (M) NOS. AREA (SqM)

A

B

C

TOTAL AREA

TOTAL AREA

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TOTAL AREA

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17TH, 26TH & 35TH REFUGE AREA:

GROSS AREA (TOWER 1 & 2)

OCCUPANTS LOAD FACTOR (RESIDENTIAL) = 12.5 SQ. M./PERSON

NO. OF PERSONS

GROSS AREA OF 2 FLOORS/

OCCUPANT LOAD

REQUIRED REFUGE AREA PER FLOOR

[NO. OF PERSONS X 0.3 + 0.9

[FOR EVERY 200 PERSONS]

TOTAL REFUGE AREA REQUIRED

PROPOSED REFUGE AREA

TOTAL REFUGE AREA REQUIRED

PROPOSED REFUGE AREA

TOTAL REFUGE AREA REQUIRED

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PROPOSED REFUGE AREA

TOTAL REFUGE AREA REQUIRED

01 REFUGE FLOOR PLAN (TOWER T1 & T2)

17TH(LVL+61.15M)

26TH(LVL+91.75M)

35TH(LVL+122.35M)

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02 REFUGE FLOOR F.A.R. AREA DIAGRAM (TOWER T1 & T2)

SCALE 1:100

SCALE 1:100

SCALE 1:100

SCALE 1:100

PLUMBING LEGEND:-

DWS DOMESTIC WATER SUPPLY

FWS FLUSHING WATER SUPPLY

MFT MULTI FLOOR TRAP

FT FLOOR TRAP

UT URINAL TRAP

FD FLOOR DRAIN

FCD FLOOR CLEAN OUT PLUG

COP CLEAN OUT PLUG

BD BALCONY DRAIN

DP DRAIN POINT

PLUMBING LEGEND:-

1 100MM/110W SOIL PIPE

2 100MM/110W WASTE PIPE

3 100MM/110W WASHING MACHINE WASTE WATER PIPE

4 100MM/110W KITCHEN WASTE PIPE

5 75W VENT PIPE

6 100MM/110W RAIN WATER PIPE FOR BALCONY

7 100MM/110W RAIN WATER PIPE FOR REFUGE TERRACE