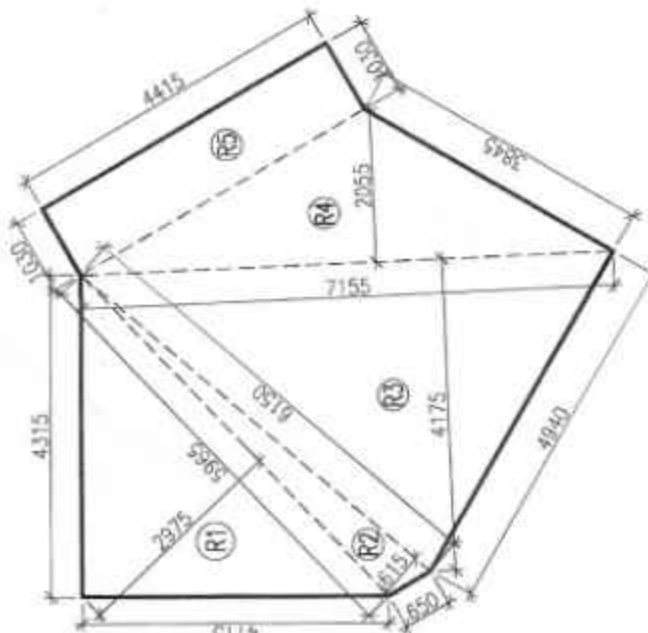


REQUIRED MINIMUM AREA = 13,000 SQMT.
ACHIEVED CARPET AREA (S1) = 4000 X 4.775 = 19,100 SQMT.
TOTAL CARPET AREA (S2) = 3,050 X 0.150 = 2,897 SQMT.
TOTAL CARPET AREA = 21,997 SQMT.



TYPICAL MECHANICAL VENTILATION SECTION 1 FOR W.C.

SERVICE PERSONAL UNIT
CARPET AREA DIAGRAM

S. No.	DESCRIPTION	FLOOR Nos.	SERVICE PERSONAL UNIT
1	16TH FLOOR PLAN	1	3
2	25TH FLOOR PLAN	1	3
3	33RD FLOOR PLAN	1	3
TOTAL			9

S. No.	COEFF.	Dim (m)	X	Dim (m)	Nos.	Area (SQM)
R1	0.5	5.965	X	2.975	1	8.873
R2	0.5	6.150	X	0.615	1	1.891
R3	0.5	7.155	X	4.725	1	14.936
R4	0.5	7.155	X	2.955	1	7.352
R5	1	1.030	X	4.415	1	4.547
TOTAL REFUGE AREA						37.599

REFUGE AREA CALCULATION

TOTAL FLOOR AREA (14TH+15TH)
= 1757.970+763.543
= 2521.513 SQMT. [FAIR OF TWO FLOOR]
= POPULATION ON TWO FLOOR = @ 12.5/ PERSONS
= 1521.513/12.5 = 121.7 PERSONS
= SAY = 122 PERSONS
REFUGE AREA (A) = 122X0.3 = 36.600 SQMT.
TOTAL AREA = 36.600 SQMT.
HANDICAP WHEELCHAIR SPACE AREA (A) = 0.900 SQMT
TOTAL REQUIRED REFUGE AREA (A+B) = 0.900+36.600 = 37.500 SQMT.
TOTAL AREA PROVIDED = 37.599 SQMT.

REFUGE AREA CALCULATION

TOTAL FLOOR AREA (23TH+24TH)
= 1757.970+763.543
= 2521.513 SQMT. [FAIR OF TWO FLOOR]
= POPULATION ON TWO FLOOR = @ 12.5/ PERSONS
= 1521.513/12.5 = 121.7 PERSONS
= SAY = 122 PERSONS
REFUGE AREA (A) = 122X0.3 = 36.600 SQMT.
TOTAL AREA = 36.600 SQMT.
HANDICAP WHEELCHAIR SPACE AREA (A) = 0.900 SQMT
TOTAL REQUIRED REFUGE AREA (A+B) = 0.900+36.600 = 37.500 SQMT.
TOTAL AREA PROVIDED = 37.599 SQMT.

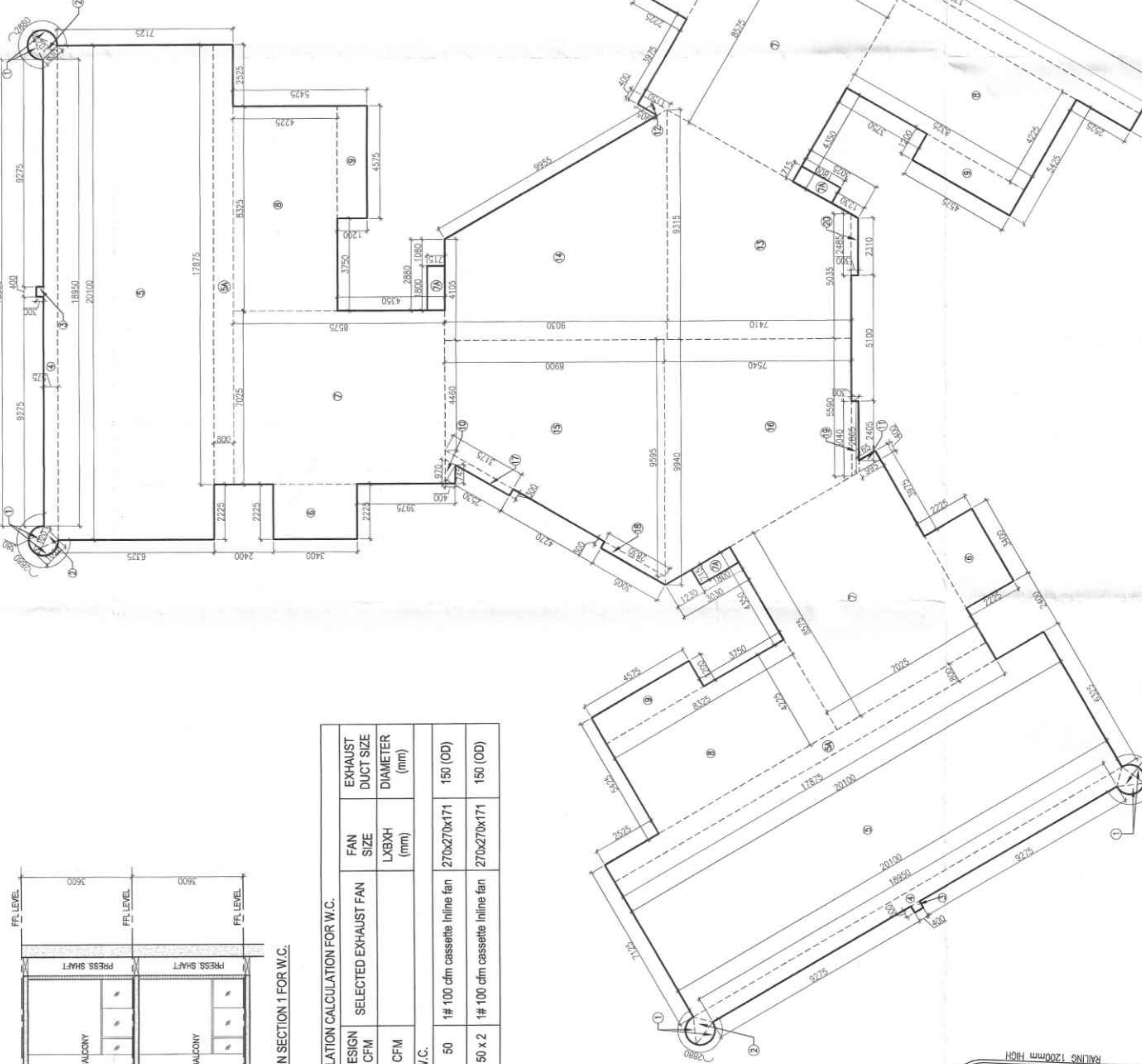
REFUGE AREA CALCULATION

TOTAL FLOOR AREA (18TH+19TH)
= 1757.970+763.543
= 2521.513 SQMT. [FAIR OF TWO FLOOR]
= POPULATION ON TWO FLOOR = @ 12.5/ PERSONS
= 1521.513/12.5 = 121.7 PERSONS
= SAY = 122 PERSONS
REFUGE AREA (A) = 122X0.3 = 36.600 SQMT.
TOTAL AREA = 36.600 SQMT.
HANDICAP WHEELCHAIR SPACE AREA (A) = 0.900 SQMT
TOTAL REQUIRED REFUGE AREA (A+B) = 0.900+36.600 = 37.500 SQMT.
TOTAL AREA PROVIDED = 37.599 SQMT.

S.NO.	LOCATION	AREA	HEIGHT	VOLUME	DESIGN CFM	SELECTED EXHAUST FAN	FAN SIZE	EXHAUST DUCT DIAMETER
		(Sq.ft.)	(ft.)	(Cu.ft.)	(CFM)			(mm)
TYPICAL MECHANICAL VENTILATION SECTION 1 FOR W.C.								
1	16TH FLOOR PLAN	24.4	9.2	244.2	59.42	18 100 cfm cassette inline fan	270x270x11	150 (OD)
12	25TH FLOOR PLAN	24.4	9.2	244.2	59.42	18 100 cfm cassette inline fan	270x270x11	150 (OD)



TYPICAL MECHANICAL VENTILATION SECTION 1 FOR W.C.



TYP REFUGE FLOOR 16TH, 25TH, 33RD
FLOOR AREA DIAGRAM

TYP 16TH, 25TH & 33TH FLOOR AREA CALCULATION			
S. No.	COEFF.	Dim (m)	Area (SQM)
1	0.67	1.025 X 0.830	0.552
2	1	0.300 X 0.400	0.120
3	1	0.300 X 0.400	0.120
4	1	18.950-20.100/2 X 0.575	33.681
5A	1	17.875 X 0.800	14.300
6	1	2.225 X 3.400	7.565
7	1	7.025 X 8.575	60.271
7A	1	1.800 X 0.715	1.287
8	1	8.325 X 4.225	35.181
9	1	0.375 X 0.400	0.150
10	1	0.375 X 0.400	0.150
11	1	0.300 X 0.400	0.120
12	1	0.300 X 0.400	0.120
13	1	9.315 X 0.350/2	1.628
14	1	4.105 X 9.315/2	19.101
15	1	4.460 X 9.595/2	21.045
16	1	9.940 X 5.595/2	27.548
17	1	2.530 X 3.175/2	0.805
18	1	3.005 X 2.830/2	0.425
19	1	3.040 X 2.865/2	0.435
20	1	2.485 X 2.310/2	0.285
PA	1	0.150 X 0.150	0.023
TOTAL ADDITION AREA (A)			1031.109

DEDUCTION AREA			
S. No.	COEFF.	Dim (m)	Area (SQM)
D1	1	1.825 X 0.450	0.823
D1A	1	1.825 X 0.975	1.779
D2	1	0.325 X 2.850	0.926
D3	1	2.125 X 0.450	0.956
D4	1	0.750 X 0.400	0.300
D5	0.5	1.070 X 1.850	0.990
D6	1	2.175 X 2.200	4.785
D7	0.5	1.090 X 1.915	1.044
D8	1	1.570 X 0.400	0.628
D9	1	3.175 X 3.700/2	4.830
D10	0.5	2.110 X 1.230	1.298
D11	0.5	2.110 X 1.055	1.113
D12	1	1.200 X 1.500/2	0.900
D13	1	1.155 X 1.875/2	1.089
D14	0.5	2.005 X 1.155	1.158
D15	1	2.660 X 1.410/2	1.884
D16	1	2.175 X 2.200	4.785
D17	0.5	2.100 X 1.210	1.281
D18	0.5	2.100 X 1.210	1.281
D19	1	2.560 X 4.790/2	6.201
D20	1	1.230 X 4.790/2	2.960
D21	1	1.520 X 2.600/2	1.977
D22	1	2.600 X 2.095	5.447
D23	1	2.100 X 3.200	6.720
D24	1	1.755 X 1.950/2	1.738
D25	0.5	1.120 X 1.945	1.089
D26	0.5	1.175 X 1.025	0.600
D27	1	5.050 X 1.510	7.623
D28	1	5.150 X 3.035	15.623
D29	0.5	6.460 X 3.035	9.800
D30	0.5	6.460 X 3.035	9.800
D31	1	0.650 X 4.415/2	1.468
D32	1	0.600 X 4.415	2.649
D33	0.5	5.960 X 2.980	8.880
D34	1	4.300 X 1.925	8.283
TOTAL DEDUCTION AREA (D)			265.566
TOTAL NET FLOOR AREA (E1-D1) = F			765.543
TOTAL NET FLOOR AREA (F1-D1) = F			765.543
TOTAL BUILTUP AREA (F1+F2)			866.289

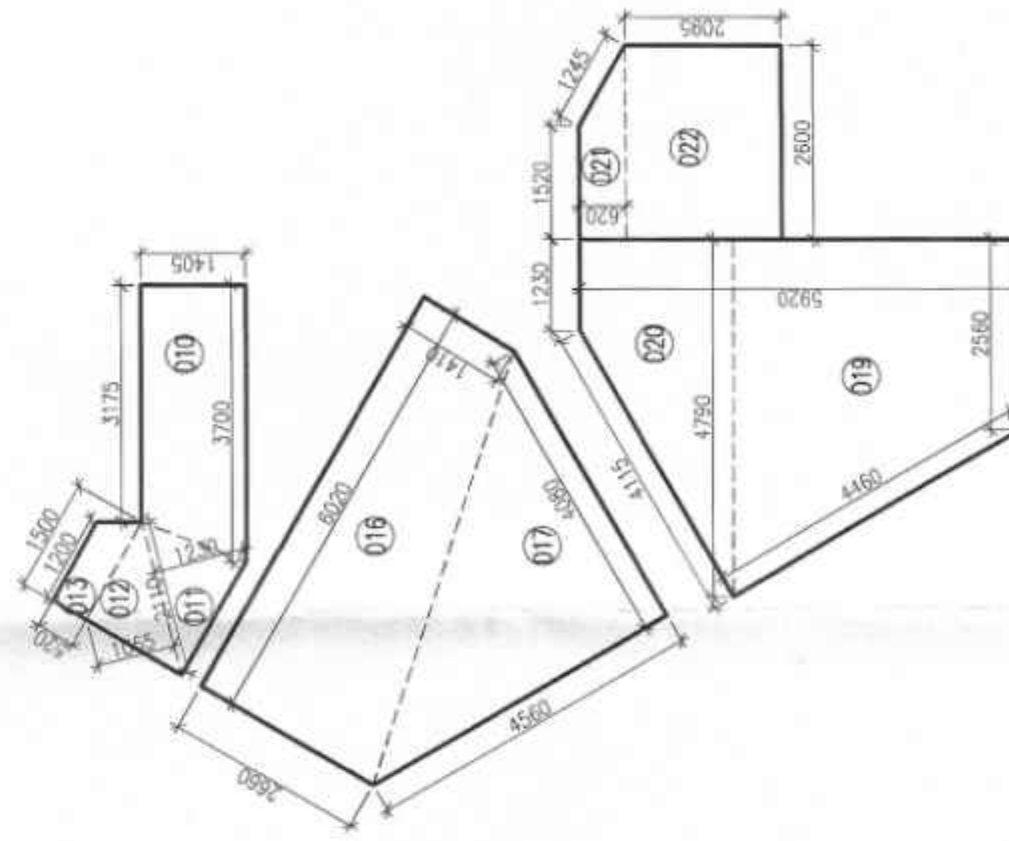
FLOORS	LEVELS
16TH FLOOR	60300
25TH FLOOR	92100
33RD FLOOR	120900



TYP REFUGE FLOOR 16TH, 25TH, 33RD
FLOOR PLAN (TOWER -A)

TYPICAL DOOR WINDOW SCHEDULE			
NAME	WIDTH	HEIGHT	UNIT
D1	1500	2400	0
D2	1500	2400	0
D3	800	2400	0
W1	2000	1500	600
V1	600	1200	2400
S01	2750	2400	0
S02	4500	2400	0
S03	1350	2400	0
S04	1675	2400	0
S05	4575	2400	0
S06	3500	2400	0
S07	4150	2400	0
DW1	1750	2400	0
G1	4150	2400	0
G2	3500	2400	0
G3	4500	2400	0
G4	2800	2400	0
G5	4175	5100	0
G01	1200	2400	0
F01	1200	2400	0
F02	1250	2400	0
F03	1500	2400	0
F04	900	2400	0
FH	900	2400	0
G52	2400	1500	0

TYPICAL DOOR WINDOW SCHEDULE			
NAME	WIDTH	HEIGHT	UNIT
D1	1500	2400	0
D2	1500	2400	0
D3	800	2400	0
W1	2000	1500	600
V1	600	1200	2400
S01	2750	2400	0
S02	4500	2400	0
S03	1350	2400	0
S04	1675	2400	0
S05	4575	2400	0
S06	3500	2400	0
S07	4150	2400	0
DW1	1750	2400	0
G1	4150	2400	0
G2	3500	2400	0
G3	4500	2400	0
G4	2800	2400	0
G5	4175	5100	0
G01	1200	2400	0
F01	1200	2400	0
F02	1250	2400	0
F03	1500	2400	0
F04	900	2400	0
FH	900	2400	0
G52	2400	1500	0



NON FAR AREA DIAGRAM

16TH, 25TH & 33TH FLOOR NON FAR AREA CALCULATION			
S. No.	COEFF.	Dim (m)	Area (SQM)
D11	0.5	2.110 X 1.230	1.298
D12	0.5	2.110 X 1.055	1.113
D13	1	1.200 X 1.500/2	0.900
D14	0.5	2.005 X 1.155	1.158
D15	1	2.660 X 1.410/2	1.884
D16	1	2.175 X 2.200	4.785
D17	0.5	2.100 X 1.210	1.281
D18	0.5	2.100 X 1.210	1.281
D19	1	2.560 X 4.790/2	6.201
D20	1	1.230 X 4.790/2	2.960
D21	1	1.520 X 2.600/2	1.977
D22	1	2.600 X 2.095	5.447
D23	1	2.100 X 3.200	6.720
D24	1	1.755 X 1.950/2	1.738
D25	0.5	1.120 X 1.945	1.089
D26	0.5	1.175 X 1.025	0.600
D27	1	5.050 X 1.510	7.623
D28	1	5.150 X 3.035	15.623
D29	0.5	6.460 X 3.035	9.800
D30	0.5	6.460 X 3.035	9.800
D31	1	0.650 X 4.415/2	1.468
D32	1	0.600 X 4.415	2.649
D33	0.5	5.960 X 2.980	8.880
D34	1	4.300 X 1.925	8.283
TOTAL NET FLOOR AREA (F1-D1) = F			765.543
TOTAL NET FLOOR AREA (F1-D1) = F			765.543
TOTAL BUILTUP AREA (F1+F2)			866.289

TYPICAL DOOR WINDOW SCHEDULE			
NAME	WIDTH	HEIGHT	UNIT
D1	1500	2400	0
D2	1500	2400	0
D3	800	2400	0
W1	2000	1500	600
V1	600	1200	2400
S01	2750	2400	0
S02	4500	2400	0
S03	1350	2400	0
S04	1675	2400	0
S05	4575	2400	0
S06	3500	2400	0
S07	4150	2400	0
DW1	1750	2400	0
G1	4150	2400	0
G2	3500	2400	0
G3	4500	2400	0
G4	2800	2400	0
G5	4175	5100	0
G01	1200	2400	0
F01	1200	2400	0
F02	1250	2400	0
F03	1500	2400	0
F04	900	2400	0
FH	900	2400	0
G52	2400	1500	0

TYPICAL DOOR WINDOW SCHEDULE			
NAME	WIDTH	HEIGHT	UNIT
D1	1500	2400	0
D2	1500	2400	0
D3	800	2400	0
W1	2000	1500	600
V1	600	1200	2400
S01	2750	2400	0
S02	4500	2400	0
S03	1350	2400	0
S04	1675	2400	0
S05	4575	2400	0
S06	3500	2400	0
S07	4150	2400	0
DW1	1750	2400	0
G1	4150	2400	0
G2	3500	2400	0
G3	4500	2400	0
G4	2800	2400	0
G5	4175	5100	0
G01	1200	2400	0
F01	1200	2400	0
F02	1250	2400	0
F03	1500	2400	0
F04	900	2400	0
FH	900	2400	0
G52	2400	1500	0

PROJECT NAME: TRINITY SKY PALAZZOS
PROPOSED BUILDING PLAN OF GROUP HOUSING MEASURING 10.84375 ACRES (LICENCE NO. 130 OF 2024 DATED 24.10.2024) IN SECTOR-88B, GURIGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY FIDATOCITY HOMES PVT. LTD. AND OTHERS IN COLLABORATION WITH FIDATOCITY HOMES PVT. LTD.

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