

TYP 3RD, 7TH, 11TH, 20TH, 24TH, 28TH, 32TH & 36TH FLOOR AREA CALCULATION

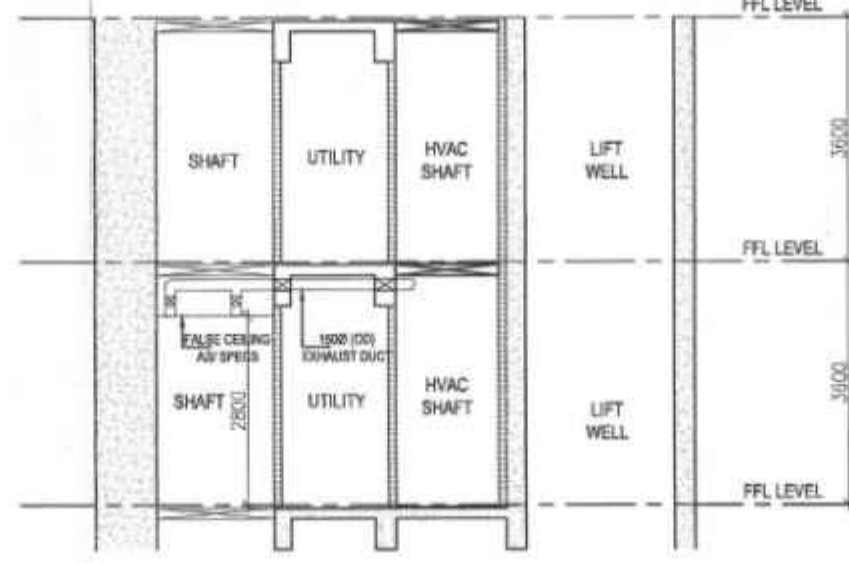
S. No.	COEFF.	Dim (m)	X	Dim (m)	Nos.	Area (SQM)
F1	0.667	1.120	X	0.380	12	3.407
F2	0.5	1.040	X	0.815	6	2.543
F3	(4.975+5.550)/2	X	0.575		3	9.078
F4	1	5.550	X	1.350	3	22.478
F5	1	10.400	X	5.775	1	60.060
F5A	1	0.400	X	0.300	3	0.360
F6	1	9.525	X	1.925	3	55.007
F7	(1.925+1.350)/2	X	0.575		3	2.925
F8	1	2.525	X	5.775	3	43.746
F8A	1	2.225	X	5.775	2	25.699
F9	1	6.875	X	8.150	1	56.031
F10	1	4.175	X	1.825	3	22.858
F11	(4.510+4.000)/2	X	8.175		1	34.785
F12	0.5	7.400	X	18.490	1	68.413
F13	0.5	4.875	X	15.830	1	38.586
F14	0.5	8.160	X	18.490	1	75.439
F15	0.5	15.675	X	4.985	1	39.070
F16	(2.415+1.630)/2	X	8.175		1	16.534
F17	1	15.050	X	8.150	2	245.315
F18	(2.170+1.625)/2	X	8.175		1	15.512
F1A	0.667	0.815	X	0.160	3	0.261
TOTAL ADDITION AREA (A)						838.004

S. No.	COEFF.	Dim (m)	X	Dim (m)	Nos.	Area (SQM)
D1	1	1.825	X	1.775	3	9.718
D2	1	0.325	X	1.750	3	1.706
D3	1	2.125	X	0.450	3	2.869
D4	1	2.025	X	1.525	3	9.264
D5	0.5	1.070	X	1.850	1	0.990
D6	1	2.175	X	2.200	6	28.710
D7	0.5	1.090	X	1.915	1	1.044
D8	1	1.200	X	0.400	1	0.480
D9	1	1.570	X	0.400	1	0.628
D10	(3.175+3.700)/2	X	1.405		1	4.830
D11	0.5	2.110	X	1.230	1	1.298
D12	0.5	2.110	X	1.055	1	1.113
D13	(1.200+1.500)/2	X	0.520		1	0.702
D14	0.5	2.005	X	1.155	1	1.158
D15	(1.155+1.875)/2	X	3.250		1	1.894
D16	(2.660+1.410)/2	X	0.620		1	12.251
D17	0.5	6.120	X	3.040	1	9.302
D18	0.5	2.100	X	1.210	2	2.541
D19	(2.560+4.790)/2	X	3.860		1	14.186
D20	(1.230+4.790)/2	X	2.060		1	6.201
D21	(1.520+2.600)/2	X	0.620		1	1.277
D22	1	2.600	X	2.095	1	5.447
D23	1	2.100	X	3.200	1	6.720
D24	(1.755+1.195)/2	X	0.975		1	1.438
D25	0.5	1.120	X	1.965	1	1.089
D26	0.5	1.775	X	1.025	1	0.910
D27	0.5	1.850	X	1.070	1	0.990
D28	1	5.050	X	5.150	3	78.023
D29	(5.150+4.575)/2	X	0.575		3	8.388
D30	0.5	6.260	X	3.035	1	9.500
D31	(0.650+4.415)/2	X	5.800		1	14.689
D32	1	0.300	X	4.415	1	1.325
D33	0.5	5.960	X	2.980	1	8.880
TOTAL DEDUCTION AREA (D)						240.557
TOTAL NET F.A.R AREA (F1-D1) = F						597.447
TOTAL NON FAR AREA (N)						59.147
TOTAL BUILTUP AREA (F+N)						647.594

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D10	(3.175+3.700)/2	X	1.405		4.830
D11	0.5	2.110	X	1.230	1.298
D12	0.5	2.110	X	1.055	1.113
D13	(1.200+1.500)/2	X	0.520		0.702
D16	(2.660+1.410)/2	X	0.620		12.251
D17	0.5	6.120	X	3.040	9.302
D18	0.5	2.100	X	1.210	2.541
D19	(2.560+4.790)/2	X	3.860		14.186
D20	(1.230+4.790)/2	X	2.060		6.201
D21	(1.520+2.600)/2	X	0.620		1.277
D22	1	2.600	X	2.095	5.447
TOTAL NON FAR AREA (N)					59.147

NON FAR AREA DIAGRAM



TYPICAL MECHANICAL VENTILATION SECTION 1 FOR W.C.

S.NO.	LOCATION	AREA	HEIGHT	VOLUME	DESIGN CFM	SELECTED EXHAUST FAN	FAN SIZE LxBxH (mm)	EXHAUST DUCT SIZE DIAMETER (mm)
1	1 W.C.	20.1	9.2	184.9	50	1# 100 cfm cassette inline fan	270x270x171	150 (OD)
1.2	2 W.C.	20.1	9.2	184.9 x 2	50 x 2	1# 100 cfm cassette inline fan	270x270x171	150 (OD)

TYP. 3RD, 7TH, 11TH, 15TH, 20TH, 24TH, 28TH, 32ND & 36TH AREA DIAGRAM

DESCRIPTION	SYMBOL
1.100 APFC DRAIN & TEST PIPE	1
1.100 APFC WASTE & VENT PIPE	2
1.100 APFC COVERED WATER & VENT PIPE	3a
1.100 VENT PIPE (V)	3
1.100 APFC ALUM WATER PIPE	4
1.100 BOREHOLE & BALCONY RAIN WATER PIPE	5a
1.100 UTILITY BALCONY RAIN WATER PIPE	5b
DOMESTIC WATER SUPPLY ON TAKE	6
FLOORING WATER SUPPLY ON TAKE	7
DOMESTIC WATER SUPPLY ROOF	8
FLOORING WATER SUPPLY ROOF	9
PUMP SHED	10
FLOOR DRAIN (FD)	11
FLOOR TRAP (FT)	12
BALCONY DRAIN (BD)	13
BALCONY TRAP (BT)	14
DOMESTIC WATER SUPPLY (DWS)	15
HYDRO-PNEUMATIC DOMESTIC WATER (HDM)	16
FLOORING WATER SUPPLY (FWS)	17
FLOORING WATER SUPPLY ROOF	18
DOMESTIC WATER SUPPLY ROOF	19
RAIN WATER PIPE	20
RAIN TRAP (RT)	21
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