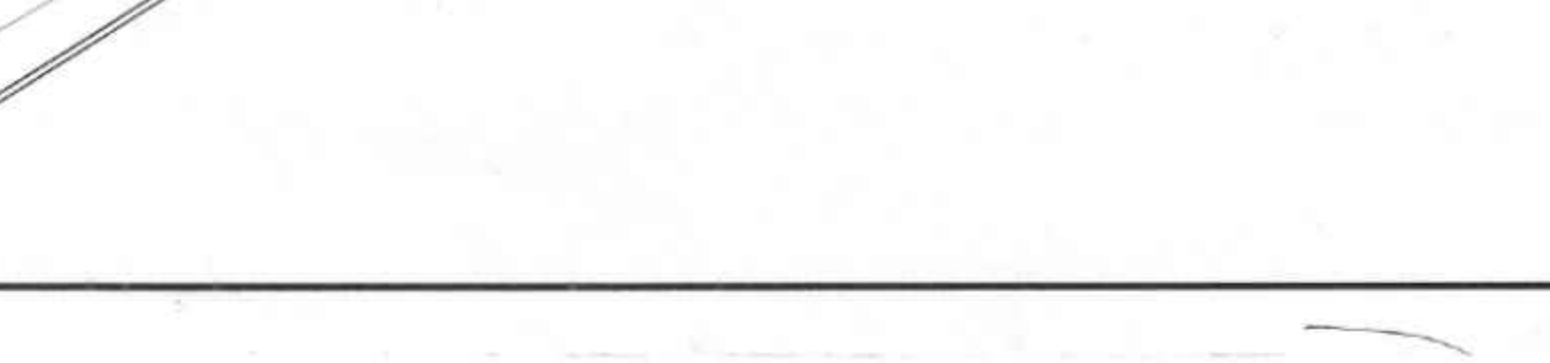
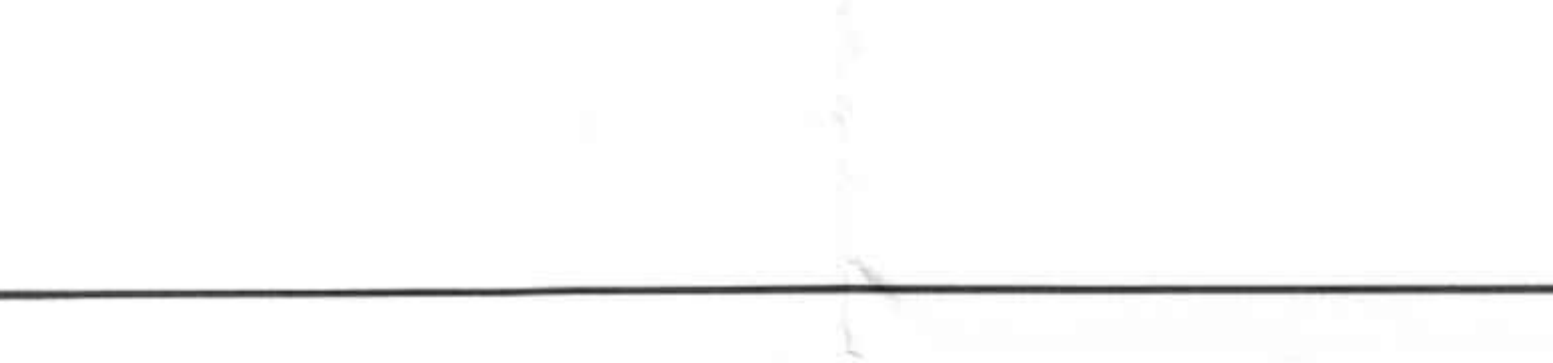




NON FAR AREA DIAGRAM

S. No.	COEFF.	DEDUCTION AREA			Nos.	Area (SQM)
		Dim (m)	X	Dim (m)		
D1	1	1.825	X	0.475	3	2.664
D1A	1	1.825	X	0.975	3	5.338
D2	1	0.325	X	2.850	3	2.779
D2A	1	0.325	X	2.850	3	2.779
D3	1	1.125	X	0.450	3	1.519
D3A	1	1.125	X	0.450	3	0.890
D4	0.5	1.175	X	1.850	1	0.990
D5	0.5	1.175	X	1.850	1	0.990
D6	1	2.175	X	2.200	6	28.710
D6A	1	1.700	X	0.600	3	3.050
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	0.980
D10	0.3175+0.700	1.570	X	0.400	1	4.320
D11	0.5	2.100	X	1.230	1	1.398
D12	0.5	2.110	X	1.055	1	1.113
D13	1	(2.200+1.500)/2	X	0.520	1	0.702
D14	0.5	2.005	X	1.135	1	1.158
D15	1	(1.155+1.875)/2	X	1.250	1	1.894
D16	1	(2.680+1.410)/2	X	0.620	1	1.520
D17	1	1.500	X	0.500	1	0.920
D18	0.5	2.100	X	1.210	2	2.541
D19	1	(2.560+0.750)/2	X	0.860	1	14.186
D20	1	(1.230+0.750)/2	X	0.260	1	6.321
D21	1	(1.520+2.600)/2	X	0.620	1	1.737
D22	1	2.600	X	2.095	2	5.447
D23	1	1.100	X	2.820	1	6.780
D24	1	(1.755+1.195)/2	X	1.945	1	6.180
D25	0.5	1.175	X	1.045	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	0.950	X	1.530	3	78.023
D29	0.5	(1.510+0.575)/2	X	0.575	3	8.388
D30	0.5	0.5	X	2.840	6	3.035
D31	0.3	(0.04+0.133)/2	X	1.850	1	1.860
D32	1	(1.600+1.410)/2	X	0.445	1	2.649
D33	0.5	0.5	X	2.980	1	8.880
D34	1	4.300	X	1.925	3	24.933
TOTAL DEDUCTION AREA (D)						266.566
TOTAL NET F.A.R. (F1 - D) = F						59.147
TOTAL NET F.A.R. (F1 - D) = F						763.43

FLOORS	LEVLES
4th FLOOR	17100
8th FLOOR	31500
12th FLOOR	45900
21th FLOOR	77700
29th FLOOR	106500
37th FLOOR	135300

FIRE LEGEND:	
A1.	1000 FIRE (TREATMENT ZONE 1).
A2.	1000 FIRE (TREATMENT ZONE 2).
A3.	1000 FIRE (TREATMENT ZONE 3).
A4.	1000 FIRE (TREATMENT ZONE 4).
C1A.	1500 FIRE (TREATMENT ZONE 4).
C1B.	1500 ALTERNATE SPENCER PINE FOR ZONE 1.
C1C.	1500 ALTERNATE SPENCER PINE FOR ZONE 2.
C1D.	1500 ALTERNATE SPENCER PINE FOR ZONE 3.
C1E.	1500 ALTERNATE SPENCER PINE FOR ZONE 4.
C2.	1000 TREES
C3.	1500 FIRE (SPENCER PINE FOR ZONE 1).
C4.	1500 FIRE (SPENCER PINE FOR ZONE 2).
C5.	1500 FIRE (SPENCER PINE FOR ZONE 3).
C6.	1500 FIRE (SPENCER PINE FOR ZONE 4).
C7.	1000 MOUND OF LIME

TOTAL DEDUCTION AREA (D)	269,566
TOTAL NET F.A.R AREA (F1 - D1) = F	763,543
TOTAL NON FAR AREA (N)	59,147
TOTAL BUILDING AREA (F + N)	822,690

TYPICAL MECHANICAL VENTILATION CALCULATION FOR W.C.									
S.NO	LOCATION	AREA	HEIGHT	VOLUME	DESIGN CFM	SELECTED EXHAUST FAN	FAN SIZE	EXHAUST DUCT SIZE	EXHAUST DIAMETER
		(Sq.ft)	(Ft.)	(Cu.ft)	CFM		XBPH (mm)	(mm)	(mm)
1 TYPICAL MECHANICAL VENTILATION FOR W.C.									
1.1	1 W.C.	24.4	9.2	244	50	1# 100 cfm cassette inline fan	770x270x71	150 (OD)	150 (OD)
1.2	2 W.C.	24.4	9.2	244.2	50.2	1# 100 cfm cassette inline fan	770x270x71	150 (OD)	150 (OD)

[illegible]