

THIRD FLOOR AREA CALCULATION						
COVD. AREA AT THIRD FLOOR						
Sr No	Dim (m)	X	Dim (m)	Fec.	Nos	Area (SQM)
F01	4.245	X	0.880	0.67	2	5.006
F02	(3.130 + 6.130) / 2 X 3.000					27.780
F03	46.050	X	6.130	1.00	1	282.287
F04	6.130	X	20.475	1.00	2	251.024
F05	6.000	X	6.000	1.00	2	72.000
F06	9.600	X	8.650	1.00	2	166.080
F07	9.200	X	21.075	1.00	1	193.890
F08	13.655	X	38.915	1.00	1	531.384
F08a	2.000	X	25.650	1.00	1	51.300
F09	9.200	X	12.675	1.00	1	116.610
F10	9.200	X	17.400	1.00	4	640.320
F10a	9.200	X	17.160	1.00	1	157.872
F11	0.070	X	0.900	0.67	2	0.094
F12	0.270	X	0.860	0.50	2	0.232
F13	3.030	X	4.325	0.50	1	6.552
F13a	4.710	X	6.730	0.50	1	15.849
F14	(4.325 + 4.605) / 2 X 2.205					9.845
F14a	(6.730 + 7.010) / 2 X 2.205					15.148
F15	2.210	X	0.485	0.67	2	0.935
F16	4.605	X	5.385	0.50	1	12.399
F19	(13.385 + 11.700) / 2 X 2.405					30.164
F19a	(7.010 + 3.860) / 2 X 4.465					22.771
F20	13.385	X	0.860	1.00	1	11.511
F20a	11.385	X	0.860	1.00	1	9.791
F21	11.655	X	22.190	1.00	1	258.624
F22	9.200	X	25.800	1.00	1	237.260
F23	11.655	X	9.000	1.00	1	104.895
F24	9.200	X	17.400	1.00	1	160.080
F25	9.200	X	30.000	1.00	1	276.000
F26	17.400	X	6.795	1.00	1	118.233
F27	3.630	X	1.495	1.00	1	5.427
F28	11.780	X	5.300	1.00	1	62.434
F29	14.480	X	0.600	1.00	2	17.376
F30	8.475	X	8.475	0.50	2	71.826
F31	6.005	X	1.440	1.00	2	17.294
F32	1.325	X	2.040	0.50	2	2.703
F33	0.700	X	0.900	0.67	2	0.844
F34	(1.230 + 1.500) / 2 X 0.860					2.348
F35	1.500	X	4.675	1.00	2	14.025
F36	(3.142 X 1.500 X 1.500) / 4					3.535
F37	6.100	X	7.035	1.00	2	85.827
F38	0.950	X	0.600	1.00	16	9.120
F39	0.600	X	0.600	1.00	1	1.440
TOTAL COVERD AREA AT THIRD FLOOR (C)						4080.727

NON FAR AREA						
N01	0.900	X	2.580	1.00	1	2.322
N02	0.550	X	7.800	1.00	1	4.290
N2a	3.600	X	7.140	1.00	1	25.704
N2b	1.915	X	1.225	1.00	1	2.346
N2c	1.485	X	1.025	1.00	1	1.522
N03	0.340	X	5.550	1.00	2	3.774
N04	4.900	X	7.950	1.00	2	77.910
N05	0.800	X	2.225	1.00	2	3.560
N06	1.085	X	4.125	1.00	1	4.476
N07	1.085	X	0.525	1.00	2	1.139
N08	1.085	X	0.600	1.00	2	1.302
N09	2.225	X	2.475	1.00	4	22.028
N10	1.085	X	0.800	1.00	1	0.868
N10a	1.085	X	3.175	1.00	1	3.445
N11	1.200	X	0.600	1.00	2	1.440
N12	5.810	X	2.200	1.00	2	25.564
N13	4.600	X	5.750	1.00	2	52.900
N14	1.015	X	2.050	1.00	4	8.323
N15	1.015	X	1.200	1.00	2	2.436
N16	0.750	X	0.700	1.00	5	2.625
N17	0.550	X	0.850	1.00	2	0.935
N18	0.800	X	1.295	1.00	1	1.036
N19	0.630	X	1.370	1.00	1	0.863
N20	2.350	X	2.250	1.00	2	10.575
N21	0.630	X	0.980	1.00	1	0.617
N22	7.900	X	4.900	1.00	1	38.710
N24	3.350	X	0.615	1.00	1	2.060
N25	5.700	X	7.300	1.00	1	41.610
N26	0.300	X	7.790	1.00	1	2.337
N27	0.375	X	8.050	1.00	1	3.019
N28	2.150	X	2.550	1.00	2	10.965
N29	1.200	X	0.600	1.00	1	0.720
N30	0.880	X	0.600	1.00	1	0.528
N32	1.505	X	1.515	1.00	1	2.280
N33	0.900	X	2.645	1.00	1	2.381
N34	0.350	X	8.125	1.00	1	2.844
N35	4.600	X	7.950	1.00	2	73.140
N36	2.960	X	0.800	1.00	2	4.736
N37	0.800	X	0.800	1.00	2	1.280
N38	1.385	X	0.770	1.00	2	2.133
N39	1.385	X	1.380	1.00	2	3.823
N40	1.385	X	1.350	1.00	2	3.740
N41	1.385	X	0.700	1.00	2	1.939
TOTAL NON FAR AREA AT THIRD FLOOR (D)						460.243
TOTAL FAR AREA AT THIRD FLOOR (C-D)						3620.484

THIRD TOILET CALCULATION						
TOTAL FAR AREA AT THIRD FLOOR			3620.484		SQM	
DENSITY AT THIRD FLOOR			1437.784		POPULATION	
PERMANENT POPULATION			1264.01		TOTAL PROVIDED	
NO.			143.78		MALE	
10%			143.78		FEMALE	
POPULATION			3.83		7	
W.C.			3.83		7	
URINAL			3.83		7	
WASH BASIN			3.83		7	

Staircase Calculation For Third Floor						
Total floor area			3620.484		sqm	
Assembly area			2145.524		sqm	
Mercantile area			1474.960		sqm	
Floors		Average occupant load as per NBCC	No. of occupant	As per NBCC (6/10mm/ Person)	Stair case Required	Total Stair Provided
Assembly area	2145.524	1.8	1191.96	10	11919.58	8 X 2000 = 16000 MM 1 X 1500 = 1500 MM Total = 17500 MM
Mercantile area	1474.960	6	245.83	10	2458.267	