SUBMISSION DRAWING 09

PROJECT TITLE:

BLOOMDALE

BY: MAHINDRA LIFESPACES

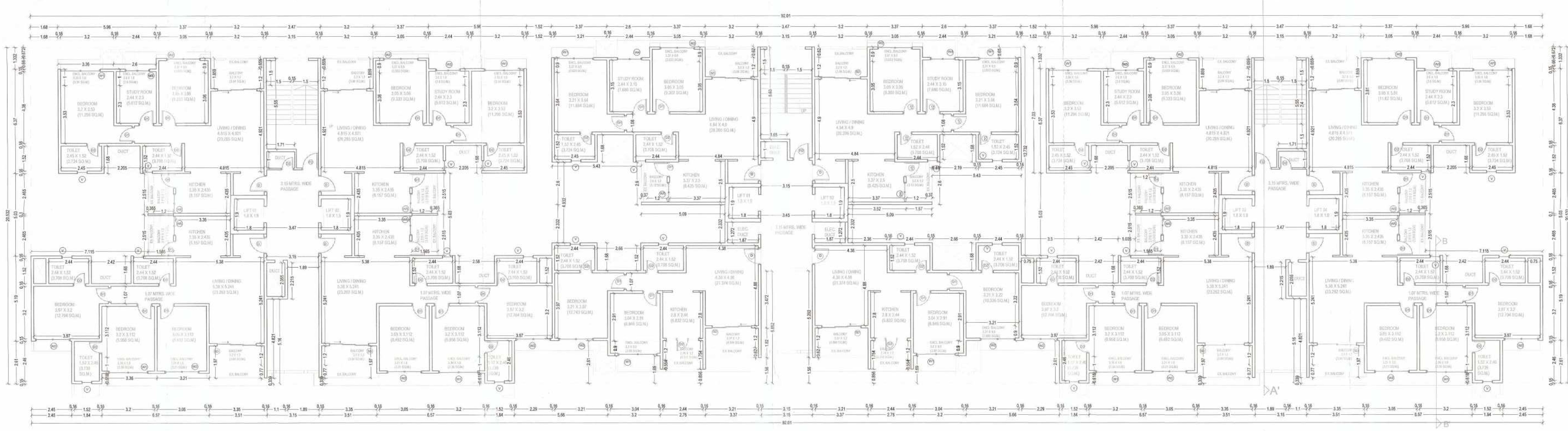
LOCATION:

SITUATED AT MIHAN, AT MOUZA - KHAPRI (RLY) KHASARA NO. 17(PART), 18(PART), 19(PART), 26(PART), 27(PART), 28, 29 (PART), 30 (PART), 31 (PART), 35 (PART), 36 (PART), 39 (PART), HINGNA P.S., KHAPRI POST OFFICE, NAGPUR DISTRICT.

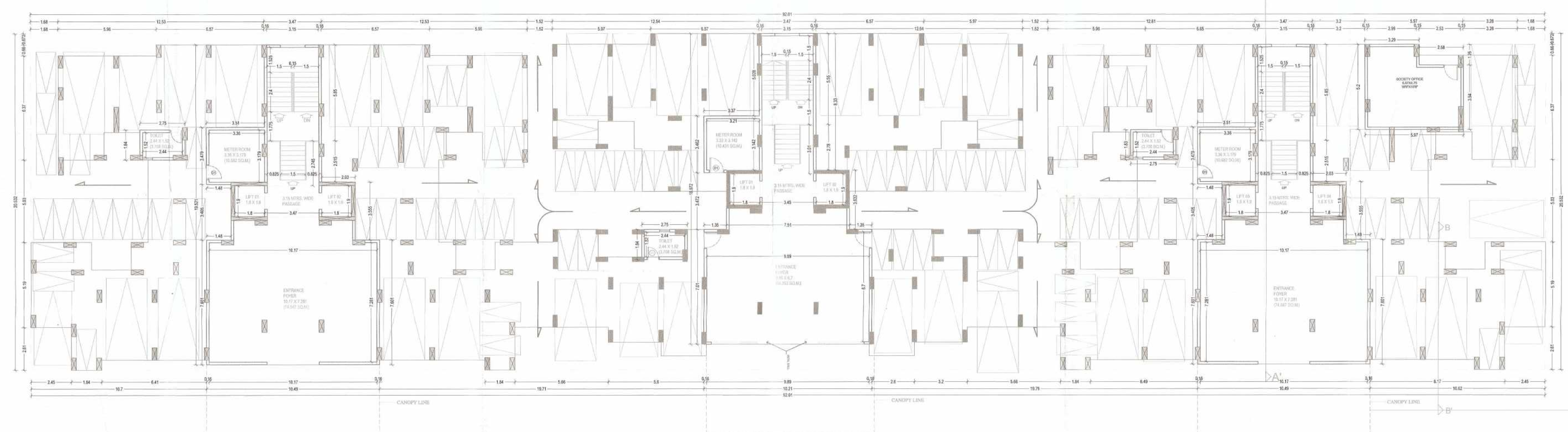
APPROVAL STAMP

APPROVED
Subject To Conditions Mentioned
In This Office Letter No. MADC/MIHA/BRES/585
Dated....9/05/2011.......
Vice Chairman & Managing Director
Maharashtra Airport Development Co. Ltd.

Checked & Found in order
Architect / MADC, KTP.



TYPICAL FIRST TO SEVENTH FLOOR PLAN



AREA STATEMENT:		
SR.NO.	DECRIPTION	VALUE IN SQ.M.
	NET B.U.A./VOLUMN OF	
	GROUND FLOOR	426.810
	FIRST FLOOR	1083.100
	SECOND FLOOR	1083.100
	THIRD FLOOR	1083.100
	FOURTH FLOOR	1083.100
	FIFTH FLOOR	1083.100
	SIXTH FLOOR	1083.100
	SEVENTH FLOOR	1083.100
A	PROPOSED NET B.U.A.	8008.510
B	TOTAL AREA PROPOSED (RESIDENTIAL)	8008.51

SCHEDULE OF DOORS & WINDOWS

TYPE	SIZE OF OPENING	AREA IN SQ.M.	DESCRIPTION
D	1.0 X 2.1	2.100	FLUSH DOOR
D1	0.9 X 2.1	1.890	FLUSH DOOR
D2	0.75 X 2.1	1.575	FLUSH DOOR
FD	1.0 X 2.1	2.100	FIRE RETARDANT DOOR
SD	2.4 X 2.1	5.040	ALUMINIUM SLIDING DOOR
SD1	2.1 X 2.1	3.700	ALUMINIUM SLIDING DOOR
W	2.4 X 1.5	3.600	FULLY GLAZED ALUMINIUM SLIDING WINDOW
W1	2.4 X 1.2	2.880	FULLY GLAZED ALUMINIUM SLIDING WINDOW
W2	2.1 X 1.2	2.520	FULLY GLAZED ALUMINIUM SLIDING WINDOW
W3	1.8 X 1.2	2.160	FULLY GLAZED ALUMINIUM SLIDING WINDOW
W4	1.2 X 0.9	1.080	FULLY GLAZED ALUMINIUM SLIDING WINDOW
V	0.6 X 0.6	0.360	FULLY GLAZED ALUMINIUM SLIDING WINDOW

HEIGHT OF THE BUILDING: 25.2 MTRS.

1) WATER SUPPLY REQUIREMENT:

DOMESTIC IN LITERS			FIRE FIGHTING IN LITERS	
	U/G	O/H	U/G	OH
TOTAL REQUIREMENT 56700 LITERS	28350	28350		5000

2) SANITORY REQUIREMENT:

FLOOR	NO. OF WC REQUIRED	NO. OF WC PROVIDED
GROUND	8 NOS.	3 NOS.
FIRST TO SEVENTH FLOOR	12 NOS. PER FLOOR	24 NOS. PER FLOOR

3) PARKING REQUIREMENT:

FOUR WHEELER CAR PARKING SPACE

CARPET IN SQ.M.	NO. OF FLATS	REQUIRED CAR	REQUIRED 2 WHEELER
73.044	84	84	168
TOTAL	84		

4) LIGHTS VENTILATION STATEMENT

DESCRIPTION OF USER SPACE	CARPET AREA OF RM. IN SQ.M.	L&V REQUIRED 1/10TH OF CARPET AREA	L&V PROVIDED IN SQ.M.	TYPE OF OPENING USED
LIVING ROOM	25.652	2.565	2.88	W1
DINING	17.665	1.767	2.88	W1
FAMILY ROOM	15.695	1.570	2.88	W1
BED ROOM 01	19.779	1.978	2.88	W1
BED ROOM 02	12.736	1.274	2.52	W2
BED ROOM 02	9.376	0.938	2.52	W2
KITCHEN	7.672	0.767	1.08	W4
TOILET 01	3.733	0.373	0.36	V
TOILET 02	3.213	0.321	0.36	V

5) BALCONY AREA STATEMENT

FLOOR	BU AREA IN SQ.M.	PERMISSIBLE BALCONY IN SQ.M.	PROPOSED BALCONY AREA IN SQ.M. OPEN	PROPOSED BALCONY AREA IN SQ.M. ENCLOSED	TOTAL PROPOSED BALCONY AREA IN SQ.M.	EXCESS BALCONY AREA TAKEN IN F.S.I.	OVER ALL BALCONY AREA IN SQ.M.
GROUND							
FIRST	1115.822	167.373	80.000	84.984	164.984	39.719	204.703
SECOND	1115.822	167.373	80.000	84.984	164.984	39.719	204.703
THIRD	1115.822	167.373	80.000	84.984	164.984	39.719	204.703
FOURTH	1115.822	167.373	80.000	84.984	164.984	39.719	204.703
FIFTH	1115.822	167.373	80.000	84.984	164.984	39.719	204.703
SIXTH	1115.822	167.373	80.000	84.984	164.984	39.719	204.703
SEVENTH	1115.822	167.373	80.000	84.984	164.984	39.719	204.703
TOTAL	7810.754	1171.613	560.000	594.888	1154.888	278.033	1432.921

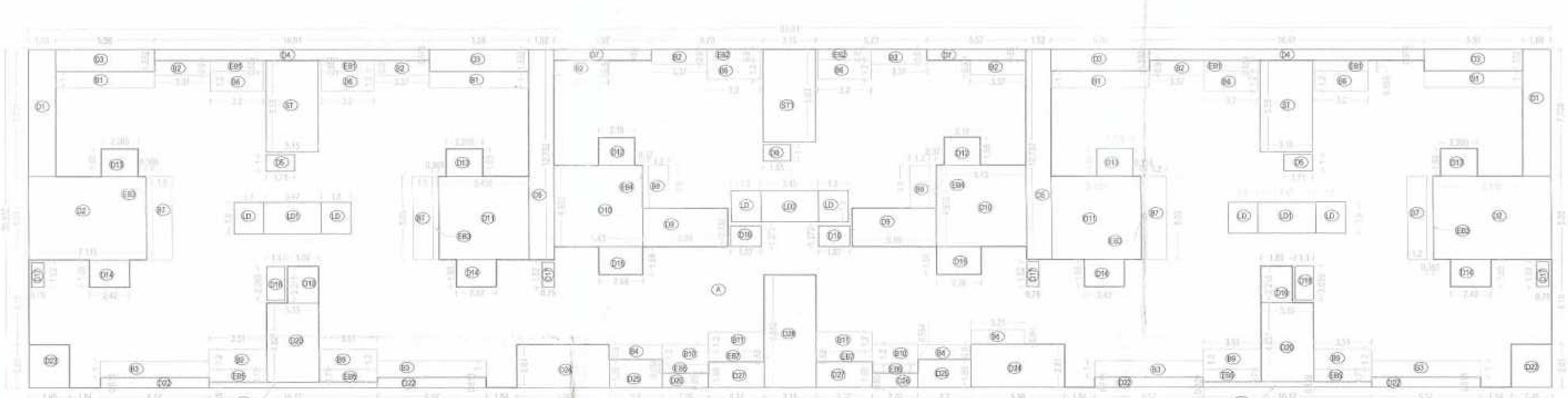
6) GROSS AREA STATEMENT:

FLOOR	NET BU AREA IN SQ.M.	PROPOSED BALCONY AREA IN SQ.M.	TOTAL TERRACE AREA IN SQ.M.	STAIRCASE & LIFT AREA: LIFT	STAIRCASE & LIFT AREA: STAIRS	TOTAL BUILT UP IN SQ.M.
GROUND	426.810			40.261	67.088	534.159
FIRST	1083.100	164.984	0	40.261	52.700	1341.045
SECOND	1083.100	164.984	0	40.261	52.700	1341.045
THIRD	1083.100	164.984	0	40.261	52.700	1341.045
FOURTH	1083.100	164.984	0	40.261	52.700	1341.045
FIFTH	1083.100	164.984	0	40.261	52.700	1341.045
SIXTH	1083.100	164.984	0	40.261	52.700	1341.045
SEVENTH	1083.100	164.984	0	40.261	52.700	1341.045
TOTAL	8008.510	1154.888		322.088	435.987	9921.473
		OVERALL GROSS AREA :				9921.473

AREA CALCULATION FOR GROUND FLOOR

S.no.	Description	Type	Number	Length	Breadth	Altitude	Calculation	Answer	
Addition									
1	A	Rectangle	1	5.970	3.940		Length X breadth	23.522	
2	A1	Rectangle	1	3.290	1.260		Length X breadth	4.145	
3	A2	Rectangle	2	19.480	10.521		Length X breadth	409.551	
4	A3	Rectangle	3	2.750	1.840		Length X breadth	15.180	
5	A4	Rectangle	1	10.210	18.872		Length X breadth	193.704	
							Total Additional area =	646.102	sq.m
Deductions									
6	D1	Rectangle	1	3.510	5.036		Length X breadth	17.676	
7	D2	Rectangle	1	3.510	8.365		Length X breadth	29.361	
8	D3	Rectangle	1	1.480	3.405		Length X breadth	5.039	
9	D4	Rectangle	1	1.480	3.555		Length X breadth	5.261	
10	D5	Rectangle	1	1.350	3.472		Length X breadth	4.687	
11	D6	Rectangle	1	3.370	5.028		Length X breadth	16.944	
12	D7	Rectangle	1	3.370	8.330		Length X breadth	28.072	
13	D8	Rectangle	1	1.350	3.632		Length X breadth	4.903	
14	ST	Rectangle	2	3.150	5.850		(Length X breadth)	36.855	
15	ST1	Rectangle	2	1.500	2.745		Length X breadth	8.235	
16	ST2	Rectangle	1	3.150	5.550		Length X breadth	17.483	
17	ST3	Rectangle	1	1.500	3.010		Length X breadth	4.515	
18	LD	Rectangle	6	1.800	1.900		Length X breadth	20.520	
19	LD1	Rectangle	2	3.470	1.900		Length X breadth	13.186	
20	LD2	Rectangle	1	3.450	1.900		Length X breadth	6.555	
							Total Deduction area =	219.292	sq.m
A	TOTAL BUILT UP AREA = Additional - Deduction							426.810	sq.m
	NET BUILT UP AREA FOR FSI PURPOSE = A =							426.810	sq.m
	Area of Staircase								
21	ST	Rectangle	2	3.150	5.850		(Length X breadth)	36.855	
22	ST1	Rectangle	2	1.500	2.745		Length X breadth	8.235	
23	ST2	Rectangle	1	3.150	5.550		Length X breadth	17.483	
24	ST3	Rectangle	1	1.500	3.010		Length X breadth	4.515	
B	Total Staircase Area =							67.088	sq.m
	Area of Lift								
25	LD	Rectangle	6	1.800	1.900		Length X breadth	20.520	
26	LD1	Rectangle	2	3.470	1.900		Length X breadth	13.186	
27	LD2	Rectangle	1	3.450	1.900		Length X breadth	6.555	
C	Total Lift Area =							40.261	sq.m

AREA BLOCK DIAGRAM FOR GROUND FLOOR LOBBY AREA
SCALE - 1:200

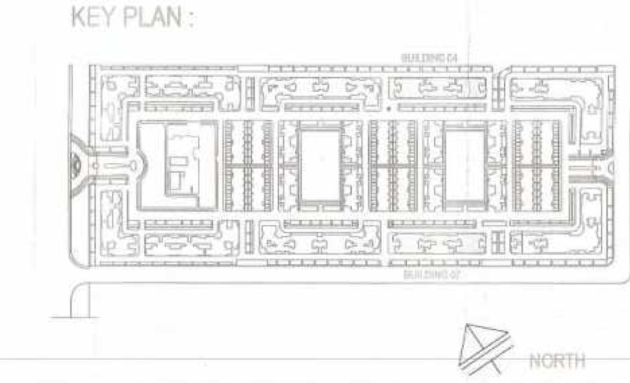


AREA BLOCK DIAGRAM FOR TYPICAL FIRST TO SEVENTH FLOOR
SCALE - 1:200

AREA CALCULATION FOR TYPICAL FIRST TO SEVENTH FLOOR

S.no.	Description	Type	Number	Length	Breadth	Altitude	Calculation	Answer	
Addition									
1	A1	Rectangle	1	92.010	20.532		Length X breadth	1889.149	
							Total Additional area =	1889.149	sq.m
Deductions									
2	D1	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
3	D2	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
4	D3	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
5	D4	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
6	D5	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
7	D6	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
8	D7	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
9	D8	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
10	D9	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
11	D10	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
12	D11	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
13	D12	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
14	D13	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
15	D14	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
16	D15	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
17	D16	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
18	D17	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
19	D18	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
20	D19	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
21	D20	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
22	D21	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
23	D22	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
24	D23	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
25	D24	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
26	D25	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
27	D26	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
28	D27	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
29	D28	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	[illegible]	
30	EB1	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	8.435	
31	EB2	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	3.869	
32	EB3	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	7.344	
33	EB4	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	1.924	
34	EB5	Rectangle	[illegible]	[illegible]	[illegible]		Length X breadth	10.811	
35	EB6	Rectangle	2	2.760	0.554		Length X breadth	3.058	
36	EB7	Rectangle	2	3.370	0.620		Length X breadth	4.179	
37	LD	Rectangle	6	1.800	1.900		Length X breadth	20.520	
38	B1	Rectangle	4	5.980	1.000		Length X breadth	23.940	
39	B2	Rectangle	7	3.370	0.900		Length X breadth	21.231	
40	B3	Rectangle	4	6.570	1.000		Length X breadth	26.280	
41	B4	Rectangle	2	3.200	0.900		Length X breadth	5.760	
42	B5	Rectangle	1	3.210	0.900		Length X breadth	2.889	
43	B6	Rectangle	6	3.200	1.200		Length X breadth	23.040	
44	B7	Rectangle	4	5.030	1.200		Length X breadth	24.144	
45	B8	Rectangle	2	2.600	1.200		Length X breadth	6.240	
46	B9	Rectangle	4	3.510	1.200		Length X breadth	16.848	
47	B10	Rectangle	2	2.760	1.200		Length X breadth	6.624	
48	B11	Rectangle	2	3.370	1.200		Length X breadth	8.088	
							Total Deduction area =	773.327	sq.m
A	TOTAL BUILT UP AREA = Additional - Deduction							1115.822	sq.m
	Permissible Balcony Area = 15% of Built Up Area =							167.373	sq.m
	NET BUILT UP AREA FOR FSI PURPOSE =								
49	ST	Rectangle	2	3.150	5.550		(Length X breadth)	34.965	
50	ST1	Rectangle	1	3.150	5.630		Length X breadth	17.735	
51	LD1	Rectangle	2	3.470	1.900		Length X breadth	13.186	
52	LD2	Rectangle	1	3.450	1.900		Length X breadth	6.555	
B	TOTAL =							72.441	sq.m
	Total Excess Balcony Area Taken in FSI								
53	EB1	Rectangle	4	3.200	0.659		Length X breadth	8.435	
54	EB2	Rectangle	2	3.200	0.620		Length X breadth	3.968	
55	EB3	Rectangle	4	5.030	0.365		Length X breadth	7.344	
56	EB4	Rectangle	2	2.600	0.370		Length X breadth	1.924	
57	EB5	Rectangle	4	3.510	0.770		Length X breadth	10.811	
58	EB6	Rectangle	2	2.760	0.554		Length X breadth	3.058	
59	EB7	Rectangle	2	3.370	0.620		Length X breadth	4.179	
C	Total Excess Balcony Area =							39.719	sq.m
	NET BUILT UP AREA FOR FSI PURPOSE = A - B + C =							1083.100	sq.m
	Total Enclosed Balcony Area =								
60	B1	Rectangle	4	5.980	1.000		Length X breadth	23.940	
61	B2	Rectangle	7	3.370	0.900		Length X breadth	21.231	
62	B3	Rectangle	4	6.570	1.000		Length X breadth	26.280	
63	B4	Rectangle	2	3.200	0.900		Length X breadth	5.760	
64	B5	Rectangle	1	3.210	0.900		Length X breadth	2.889	
D	Total Enclosed Balcony Area =							80.000	sq.m
	Total Open Balcony Area =								
65	B6	Rectangle	6	3.200	1.200		Length X breadth	23.040	
66	B7	Rectangle	4	5.030	1.200		Length X breadth	24.144	
67	B8	Rectangle	2	2.600	1.200		Length X breadth	6.240	
68	B9	Rectangle	4	3.510	1.200		Length X breadth	16.848	
69	B10	Rectangle	2	2.760	1.200		Length X breadth	6.624	
70	B11	Rectangle	2	3.370	1.200		Length X breadth	8.088	
E	Total Open Balcony Area =							84.984	sq.m
F	Total Proposed Balcony Area = D + E =							164.984	sq.m
	Area of Staircase								
71	ST	Rectangle	2	3.150	5.550		(Length X breadth)	34.965	
72	ST1	Rectangle	1	3.150	5.630		Length X breadth	17.735	
G	Total Staircase Area =							52.700	sq.m
	Area of Lift								
73	LD	Rectangle	6	1.800	1.900		Length X Breadth	20.520	
74	LD1	Rectangle	2	3.470	1.900		Length X breadth	13.186	
75	LD2	Rectangle	1	3.450	1.900		Length X breadth	6.555	
H	Total Lift Area =							40.261	sq.m

KEY PLAN :



NORTH

NO. DATE REVISION

DRAWING TITLE :

SUBMISSION DRAWING
BUILDING TYPE - 04 & 07
FLOOR PLANS

SCALE - 1:100 DATE: 08 - 11 - 2011

NORTH DRAWING NO:

SB - PL - 04 & 07 - 01

CLIENT:

MAHINDRA BEBANCO DEVELOPERS LIMITED
MAHINDRA TOWERS, 5TH FLOOR, WORLI, MUMBAI - 400 018

Mahindra Bebanco ... Authorised Signatory

CLIENT'S SIGNATURE

ARCHITECT:

PARAG KOTWAL
287,"GUNJAN", 1ST FLOOR, W.H.C. ROAD, LAXMI NAGAR, NAGPUR - 22.

ARCHITECTS SIGNATURE

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