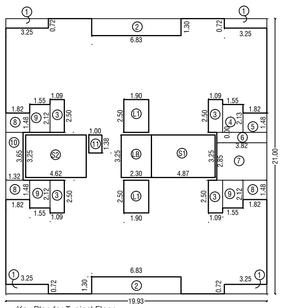
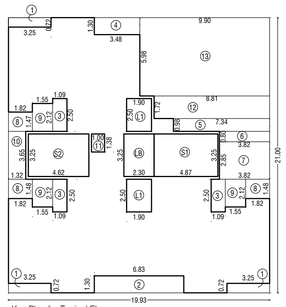


Key Plan for First Floor



Key Plan for Typical Floor
(2nd to 6th, 8th to 11th, 13th to 16th & 18th Floor)



Key Plan for Typical Floor
(7th, 12th & 17th Floor)

PARKING REQUIREMENT CALCULATION :			
	CARS	SCOOTERS	CYCLES.
2 TENAMENT HAVING CARPET AREA 40 TO 80 sqm. (2:4:2) 67 nos.	68	136	68
2 TENAMENT HAVING CARPET AREA LESS THAN 40 sq.m. (1:4:4) ---- nos.	--	--	--
REQUIRED	68	136	68
5% ADDITIONAL VISITOR PARKING	4	7	4
TOTAL REQUIRED	72	143	72
PROVIDED	72	143	72

PROVIDED PARKING AREA -

CAR	:-	12.50 =	72 X 12.50	=	900.00 SQ.M.
SCOOTER	:-	2.00 =	143 X 2.00	=	286.00 SQ.M.
CYCLE STAND	:-	0.70 =	72 X 0.70	=	50.40 SQ.M.
TOTAL				=	1236.40 SQ.M.

TOTAL FSI STATEMENT (BUILDING - A2 & A3)

S.NO.	FLOOR	NET B/UP AREA	PERMI. BALCONY	OPEN BALCONY	STAIRCASE AREA	FIRE STAIRCASE	LIFT	FIRE LIFT	GROUND COVERAGE	BLDG. HT.	TENEMENT NO.
1.	1st FLOOR	152.83	22.92	21.64	15.83	15.02				Height above Gr. Lvl. - 56.80 M	2
2.	2nd FLOOR	288.62	43.29	43.28	15.83	15.02					4
3.	3rd FLOOR	288.62	43.29	43.28	15.83	15.02					4
4.	4th FLOOR	288.62	43.29	43.28	15.83	15.02					4
5.	5th FLOOR	288.62	43.29	43.28	15.83	15.02				Height above Stilt Lvl. - 52.20 M	4
6.	6th FLOOR	288.62	43.29	43.28	15.83	15.02					4
7.	7th FLOOR	281.11	42.17	32.97	15.83	15.02					3
8.	8th FLOOR	288.62	43.29	43.28	15.83	15.02					4
9.	9th FLOOR	288.62	43.29	43.28	15.83	15.02					4
10.	10th FLOOR	288.62	43.29	43.28	15.83	15.02	4.75	4.75	359.95		4
11.	11th FLOOR	288.62	43.29	43.28	15.83	15.02					4
12	12th FLOOR	281.11	42.17	32.97	15.83	15.02					3
13.	13th FLOOR	288.62	43.29	43.28	15.83	15.02					4
14.	14th FLOOR	288.62	43.29	43.28	15.83	15.02					4
15.	15th FLOOR	288.62	43.29	43.28	15.83	15.02					4
16.	16th FLOOR	288.62	43.29	43.28	15.83	15.02					4
17.	17th FLOOR	281.11	42.17	32.97	15.83	15.02					3
18.	18th FLOOR	288.62	43.29	43.28	15.83	15.02					4
TOTAL		**5036.84**	**755.53**	**726.47**	**284.94**	**270.36**	**4.75**	**4.75**	0.00		**67**

B/UP AREA CALC. FOR FIRST FLOOR

AREA OF BLOCK 'A'								
A	1	x	19.93	x	15.02	=	299.35	
STANDARD DEDUCTION								
1	2	x	3.25	x	0.72	=	4.68	
2	1	x	6.83	x	1.30	=	8.88	
3	2	x	1.09	x	2.50	=	5.45	
4	1	x	1.55	x	2.13	=	3.30	
5	1	x	1.82	x	1.48	=	2.69	
6	1	x	3.82	x	0.80	=	3.06	
7	1	x	3.82	x	2.85	=	10.89	
8	1	x	1.82	x	1.48	=	2.69	
9	1	x	1.55	x	2.12	=	3.29	
10	1	x	1.32	x	3.65	=	4.82	
11	1	x	1.00	x	1.38	=	1.38	
12	2	x	8.81	x	2.70	=	47.57	
TOTAL						=	98.70	
REGULAR STAIRCASE DEDUCTION								
S1	1	x	4.87	x	3.25	=	15.83	
TOTAL						=	15.83	
FIRE STAIRCASE DEDUCTION								
S2	1	x	4.62	x	3.25	=	15.02	
TOTAL						=	15.02	
LIFT LOBBY DEDUCTION								
LB	1	x	2.30	x	3.25	=	7.47	
TOTAL						=	7.47	
LIFT DEDUCTION								
L1	2	x	1.90	x	2.50	=	9.50	
TOTAL						=	9.50	
TOTAL DEDUCTION						=	146.52	
NET B/UP AREA FOR PODIUM FLOOR								
			299.35	-	146.52	=	152.83	

BALCONY AREA CALC. FOR FIRST FLOOR

B1	2	x	1.93	x	1.18	=	4.55
B2	1	x	6.83	x	1.75	=	11.95
B3	2	x	2.12	x	1.21	=	5.13
TOTAL						=	21.64

B/UP AREA CALC. FOR TYPICAL FLOOR
(2nd,3rd,4th,5th,6th,8th,9th,10th,11th, 13th,14th,15th,16th,18th Floor)

AREA OF BLOCK 'A'							
A	1	x	19.93	x	21.00	=	418.53
STANDARD DEDUCTION							
1	4	x	3.25	x	0.72	=	9.36
2	2	x	6.83	x	1.30	=	17.76
3	4	x	1.09	x	2.50	=	10.90
4	1	x	1.55	x	2.13	=	3.30
5	1	x	1.82	x	1.48	=	2.69
6	1	x	3.82	x	0.80	=	3.06
7	1	x	3.82	x	2.85	=	10.89
8	3	x	1.82	x	1.48	=	8.08
9	3	x	1.55	x	2.12	=	9.86
10	1	x	1.32	x	3.65	=	4.82
11	1	x	1.00	x	1.38	=	1.38
TOTAL						=	82.09
REGULAR STAIRCASE DEDUCTION							
S1	1	x	4.87	x	3.25	=	15.83
TOTAL						=	15.83
FIRE STAIRCASE DEDUCTION							
S2	1	x	4.62	x	3.25	=	15.02
TOTAL						=	15.02
LIFT LOBBY DEDUCTION							
LB	1	x	2.30	x	3.25	=	7.47
TOTAL						=	7.47
LIFT DEDUCTION							
L1	2	x	1.90	x	2.50	=	9.50
TOTAL						=	9.50
TOTAL DEDUCTION						=	129.91
NET B/UP AREA FOR TYPICAL FLOOR							
(2nd,3rd,4th,5th,6th,8th,9th,10th,11th, 13th,14th,15th,16th,18th Floor)							
			418.53	-	129.91	=	288.62

BALCONY AREA CALC. FOR TYPICAL FLOOR
(2nd,3rd,4th,5th,6th,8th,9th,10th,11th, 13th,14th,15th,16th,18th Floor)

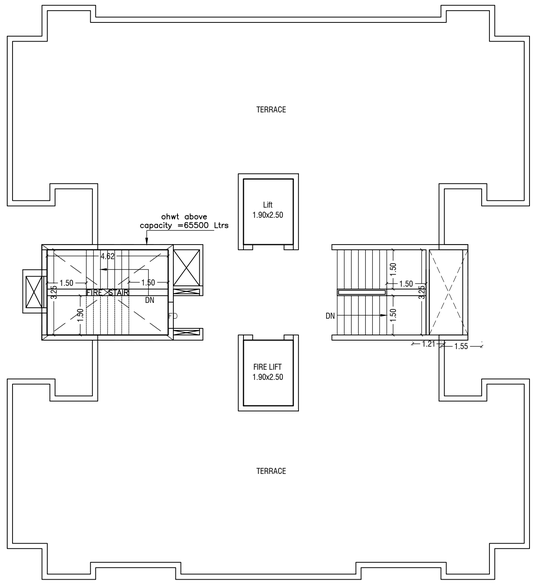
B1	4	x	1.93	x	1.18	=	9.11
B2	2	x	6.83	x	1.75	=	23.91
B3	4	x	2.12	x	1.21	=	10.26
TOTAL						=	43.28

B/UP AREA CALC. FOR TYPICAL FLOOR
(7th,12th & 17th Floor)

AREA OF BLOCK 'A'							
A	1	x	19.93	x	21.00	=	418.53
STANDARD DEDUCTION							
1	3	x	3.25	x	0.72	=	7.02
2	1	x	6.83	x	1.30	=	8.88
3	3	x	1.09	x	2.50	=	8.18
4	1	x	3.48	x	1.30	=	4.52
5	1	x	7.34	x	0.98	=	7.19
6	1	x	3.82	x	0.80	=	3.06
7	1	x	3.82	x	2.85	=	10.89
8	3	x	1.82	x	1.48	=	8.08
9	3	x	1.55	x	2.12	=	9.86
10	1	x	1.32	x	3.65	=	4.82
11	1	x	1.00	x	1.38	=	1.38
12	1	x	8.81	x	1.72	=	15.15
13	1	x	9.90	x	5.98	=	59.20
TOTAL						=	148.23
REGULAR STAIRCASE DEDUCTION							
S1	1	x	4.87	x	3.25	=	15.83
TOTAL						=	15.83
FIRE STAIRCASE DEDUCTION							
S2	1	x	4.62	x	3.25	=	15.02
TOTAL						=	15.02
LIFT LOBBY DEDUCTION							
LB	1	x	2.30	x	3.25	=	7.47
TOTAL						=	7.47
LIFT DEDUCTION							
L1	2	x	1.90	x	2.50	=	9.50
TOTAL						=	9.50
TOTAL DEDUCTION						=	196.04
NET B/UP AREA FOR TYPICAL FLOOR							
(7th,12th & 17th Floor)							
			418.53	-	196.04	=	222.49
EXCESS REFUGE AREA TAKEN IN FSI							
			222.49	+	58.62	=	281.11

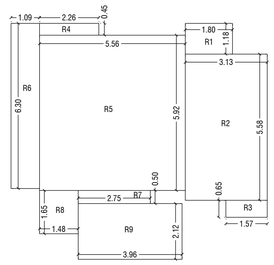
BALCONY AREA CALC. FOR TYPICAL FLOOR
(7th,12th & 17th Floor)

B1	3	x	1.93	x	1.18	=	6.83
B2	1	x	6.83	x	1.75	=	11.95
B3	3	x	2.12	x	1.21	=	7.70
B4	1	x	3.48	x	1.75	=	6.09
TOTAL						=	32.57



TERRACE FLOOR PLAN

WATER TANK REQUIREMENT CALCULATION :	
RESIDENTIAL	
REQUIRED	NOS. OF TENAMENTS X 5nos. X 135 lts.
REQUIRED WATER CAPACITY	: 67 X 5 X 135 = 45,225 LTRS.
ADD WATER FOR FIRE FIGHTING	: = 20,000 LTRS.
TOTAL O.H.W.T. CAPACITY	= 45,225 + 20000 = 65,225 LTRS. say 65,500 LTRS
U.G.WATER TANK CAPACITY	= 45,225 X 1.50 = 67,838 LITS
ADD WATER FOR FIRE FIGHTING	: = 1,50,000 LTRS.
TOTAL U.G.W.T. CAPACITY	= 1,87,838 LTRS say 1,88,000 LTRS



Refuge Area Calculation

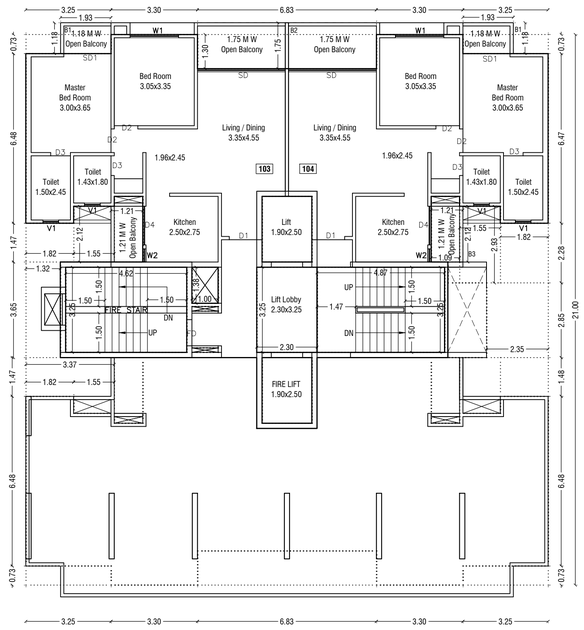
REFUGE AREA CALCULATION
Permi. Refuge Area = No. of Person x 0.30 Sq.m.

Floor	Flat
8th Floor	4
9th Floor	4
TOTAL	8

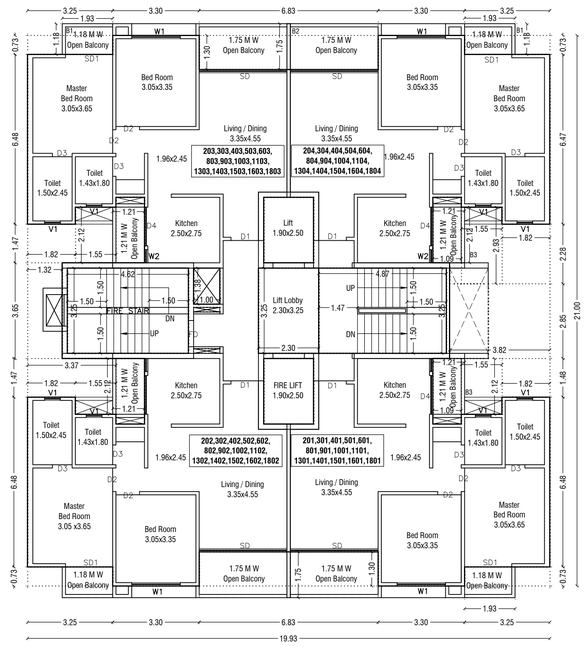
Total Person= 8 Flats x 5 Person = 40 Persons
Permi. Refuge Area = 40 x 0.30 Sq.m. = 12.00 Sq.m.
Min. Permi. Refuge Area = 15.00 Sq.m.
Prop. Refuge Area = 73.62 Sq.m.
Excess Refuge Area = 73.62 - 15.00 = 58.62 Sq.m.

REFUGE AREA CALC. FOR TYPICAL FLOOR

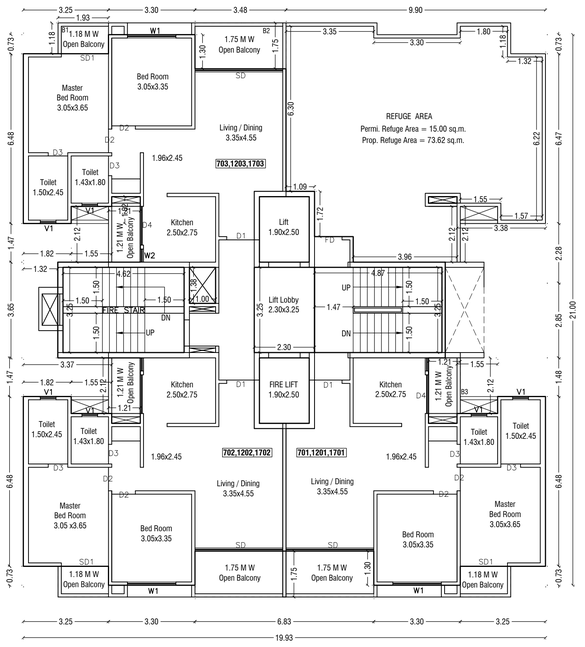
R1	1	x	1.80	x	1.18	=	2.12
R2	1	x	3.13	x	5.58	=	17.47
R3	1	x	1.57	x	0.65	=	1.02
R4	1	x	2.26	x	0.45	=	1.02
R5	1	x	5.56	x	5.92	=	32.92
R6	1	x	1.09	x	6.30	=	6.87
R7	1	x	2.75	x	0.50	=	1.38
R8	1	x	1.48	x	1.65	=	2.44
R9	1	x	3.96	x	2.12	=	8.40
TOTAL						=	73.62



(**WING- A2 & A3**)
FIRST FLOOR PLAN



(**Bldg- A2 & A3**)
TYPICAL FLOOR PLAN
(2nd,3rd,4th, 5th,6th,8th,9th,10th, 11th,13th,14th,15th,16th & 18th Fl.)



(**Bldg- A2 & A3**)
TYPICAL FLOOR PLAN
(7th,12th & 17th Fl.)

STAMP OF APPROVAL

05 / 11

Bldg - A2 & A3

TYPICAL FLOOR PLAN, KEY PLANS, AREA CALCULATIONS

LEGEND

Plot Boundary Shown Thick Black	Water Line Shown Black (Dotted)
Proposed Work Shown Red	Existing Work To BE Retained Blue
Drainage Line Shown Red (Dotted)	Existing Work To Be Demolished Yellow

PROJECT NAME & ADDRESS

PROPOSED RESIDENTIAL BUILDING ON SR. NO. 31/1A(P) ,31/1B(P) & 31/2(P), PLOT-B AT-BALEWADI, TAL. - HAVELI, DIST-PUNE.

POWER OF ATTORNEY HOLDER'S NAME & SIGNATURE

M/s. Mantra Kingdom LLP. Through.
Mr. Rohit Ghanshyam Gupta

Scale	1:100	REVISION	
Date	26/10/2019		
Drg. no.	----		
Job no.			
Dealt	Swapnil		
Checked	AS		

"AUTHENTICITY OF ALL ORIGINAL DOCUMENTS AND TRUE COPIES OF DOCUMENTS SUBMITTED IS NOT CERTIFIED BY THE ARCHITECT."

Liasoning Architect

Architect
Mitesh Sidhpura & Associates
Architect - Reg. No. (CA/2010/48550)
FLAT NO- 401, Sector No.25, Plot no.616, PCNTDA, Nigdi, Pune - 411044
Email Id : mitesh2020@gmail.com
Contact No. 9371989838.

(Architects signature)