

2ND & 4TH FLOOR PLAN

SCALE : - 1:100



The Rain Water Harvesting is required to be provided as per Direction of Govt. of Maharashtra No. TPN 42301/2013 CS-230/01/07-11, dated 10th March, 2019 as per schedule for every 300 sq.m. built-up area. The system may be by open well or by rainwater, deep well. Harvesting capacity for every 300 sq.m. built-up area. Other options mentioned in the schedule may be adopted. The authority may impose a levy of Rs. 1000/- per annum for every 100 sq.m. of built-up area, for failure of the owner of the building.

Provision for Solar Water Heating System
Solar Water Heating System should be installed in the building for the following uses at the per capita capacity mentioned as under:
Type of Building Per Capita Capacity
1) Hospital - 40 Liters/day person
2) Hotel - 40 Liters/day person
3) Hostel & other such buildings - 25 Liters/day person
4) Resident - 25 Liters/day person
If the provision as above is not made, the necessary certificate will not be issued from DM.

TYPE	SIZE	UNTEL LVL.	CILL LVL.
1) W	= 2.100M X 1.800M	2.300 M.	+0.450 M.
2) W1	= 1.500M X 0.900M	2.300 M.	+1.200 M.
3) W2	= 0.980M X 1.800M	2.300 M.	+1.200 M.
4) V	= 0.400M X 0.900M	2.100 M.	+1.200 M.
5) S/D	= 2.100M X 2.300M	2.300 M.	
6) D1	= 1.050M X 2.100M	2.100 M.	
7) D1	= 0.900M X 2.100M	2.100 M.	
8) D2	= 0.800M X 2.100M	2.100 M.	
9) FW		2.300 M.	FULLY GRADED

PROPOSED RESIDENTIAL BUILDING AT PLOT NO.- 1, KH. NO.- 171/5/2, C.T.S. NO.-130. SHEET NO.- 78, MOUZA :- DABHA, TAH. & DISTT. - NAGPUR

BALCONY AREA STATEMENT

FOR DETAILED AREA CALCULATION
REFER AREA KEY PLANS & FLOOR PLANS
SECOND - PER BAL. AREA =
=15% OF BUILT UP AREA
=15% OF 411.001 = 61.650 SQ.MT.

CALCULATION	
1	3.210 X 1.363 X 1.00 = 4.375 SQM.
2	3.210 X 1.091 X 0.50 = 1.751 SQM.
3	3.730 X 1.000 X 1.00 = 3.730 SQM.
4	1.732 X 2.553 X 1.00 = 4.428 SQM.
5	1.555 X 2.668 X 1.00 = 4.149 SQM.
6	1.180 X 3.508 X 1.00 = 4.139 SQM.
7	3.810 X 1.273 X 0.50 = 2.425 SQM.
8	3.810 X 1.019 X 1.00 = 3.882 SQM.
9	1.647 X 2.668 X 1.00 = 4.394 SQM.
10	2.880 X 2.091 X 0.50 = 3.011 SQM.
11	2.218 X 2.380 X 0.50 = 2.639 SQM.
12	1.779 X 2.553 X 1.00 = 4.542 SQM.
13	1.180 X 4.079 X 1.00 = 4.813 SQM.
14	1.180 X 3.849 X 1.00 = 4.542 SQM.
15	1.759 X 2.898 X 1.00 = 5.098 SQM.
TOTAL	= 57.912 SQM.

BALCONY AREA FOR THIRD TO SIXTEENTH FLOOR IS SAME AS SECOND FLOOR = 57.912 SQM.

TERRACE AREA STATEMENT

FOR DETAILED AREA CALCULATION
REFER AREA KEY PLANS & FLOOR PLANS
SECOND - PER TERRACE AREA =
=15% OF BUILT UP AREA
=15% OF 411.001 = 61.650 SQ.MT.

CALCULATION	
1	3.313 X 2.500 = 8.282 SQM.
2	3.313 X 2.500 = 8.282 SQM.
3	3.278 X 2.500 = 8.195 SQM.
4	3.508 X 2.500 = 8.770 SQM.
5	3.313 X 2.500 = 8.282 SQM.
6	3.313 X 2.500 = 8.282 SQM.
7	3.278 X 2.500 = 8.195 SQM.
TOTAL	= 58.289 SQM.

TERRACE AREA FOR 4TH, 6TH, 8TH, 10TH, 12TH, 14TH & 16TH FLOOR IS SAME AS SECOND FLOOR = 58.289 SQM.

TYPICAL 2ND TO 16TH FLOOR

BUILT UP AREA CALCULATION	
A	26.496 X 17.303 X 1.00 = 458.460 SQM.
B	23.309 X 16.746 X 1.00 = 390.333 SQM.
TOTAL	= 848.793 SQM.
DEDUCTIONS	
1	0.785 X 3.481 X 1.00 = 2.733 SQM.
2	3.210 X 1.207 X 1.00 = 3.874 SQM.
3	3.210 X 1.091 X 0.50 = 1.751 SQM.
4	3.350 X 3.257 X 1.00 = 10.911 SQM.
5	12.621 X 1.027 X 1.00 = 12.962 SQM.
6	2.800 X 4.428 X 1.00 = 12.400 SQM.
7	2.880 X 1.455 X 1.00 = 4.190 SQM.
8	4.633 X 1.200 X 1.00 = 5.560 SQM.
9	4.423 X 1.430 X 1.00 = 6.325 SQM.
10	3.930 X 2.553 X 1.00 = 10.033 SQM.
11	4.338 X 2.460 X 1.00 = 11.163 SQM.
12	1.236 X 2.668 X 1.00 = 3.281 SQM.
13	4.653 X 1.200 X 1.00 = 5.584 SQM.
14	7.303 X 4.860 X 1.00 = 35.493 SQM.
15	3.580 X 3.430 X 1.00 = 12.279 SQM.
16	3.500 X 3.430 X 1.00 = 12.005 SQM.
17	0.380 X 1.260 X 1.00 = 0.479 SQM.
18	2.630 X 2.549 X 1.00 = 6.725 SQM.
19	1.080 X 3.508 X 1.00 = 3.850 SQM.
20	0.300 X 4.938 X 1.00 = 1.481 SQM.
21	3.810 X 1.273 X 0.50 = 2.425 SQM.
22	2.878 X 4.350 X 1.00 = 12.500 SQM.
23	3.810 X 2.327 X 1.00 = 8.866 SQM.
24	7.775 X 3.457 X 1.00 = 26.878 SQM.
25	10.961 X 0.227 X 1.00 = 2.480 SQM.
26	0.991 X 2.668 X 1.00 = 2.644 SQM.
27	0.413 X 4.212 X 1.00 = 1.740 SQM.
28	3.230 X 0.774 X 1.00 = 2.500 SQM.
29	2.880 X 0.291 X 0.50 = 0.411 SQM.
30	15.936 X 0.287 X 1.00 = 4.583 SQM.
31	2.218 X 3.800 X 1.00 = 8.430 SQM.
32	0.080 X 1.455 X 1.00 = 0.116 SQM.
33	9.076 X 1.430 X 1.00 = 12.979 SQM.
34	1.093 X 4.079 X 1.00 = 4.450 SQM.
35	2.088 X 2.230 X 1.00 = 4.656 SQM.
36	2.318 X 2.110 X 1.00 = 4.891 SQM.
37	2.053 X 6.170 X 1.00 = 12.675 SQM.
38	3.628 X 7.409 X 1.00 = 26.880 SQM.
39	4.653 X 3.430 X 1.00 = 15.960 SQM.
40	0.657 X 2.000 X 1.00 = 1.314 SQM.
41	4.695 X 2.160 X 1.00 = 5.821 SQM.
42	1.180 X 6.402 X 1.00 = 7.554 SQM.
43	0.087 X 1.030 X 1.00 = 0.090 SQM.
44	3.493 X 7.079 X 1.00 = 24.727 SQM.
45	2.318 X 4.969 X 1.00 = 11.518 SQM.
46	2.053 X 3.139 X 1.00 = 6.444 SQM.
47	3.858 X 1.900 X 1.00 = 7.330 SQM.
48	7.851 X 1.900 X 1.00 = 14.917 SQM.
49	2.545 X 7.532 X 1.00 = 19.899 SQM.
50	1.188 X 4.430 X 1.00 = 5.263 SQM.
TOTAL DEDUCTION	= 437.792 SQM.
NET AREA	= 411.001 SQM.

SCALE : - 1:200

TYPICAL 2ND TO 16TH FLOOR	
PREMIUM AREA CALCULATION	
(STAIRCASE, MILD RAILING & PASSAGE)	
A	4.653 X 1.800 X 1.00 = 8.384 SQM.
B	4.423 X 1.430 X 1.00 = 6.325 SQM.
C	4.538 X 2.460 X 1.00 = 11.163 SQM.
D	4.653 X 1.250 X 1.00 = 5.818 SQM.
E	7.303 X 4.860 X 1.00 = 35.493 SQM.
F	3.580 X 3.430 X 1.00 = 12.279 SQM.
G	2.650 X 2.549 X 1.00 = 6.725 SQM.
H	2.880 X 1.430 X 1.00 = 4.119 SQM.
I	9.076 X 1.430 X 1.00 = 12.979 SQM.
J	2.088 X 2.230 X 1.00 = 4.656 SQM.
K	2.316 X 2.110 X 1.00 = 4.887 SQM.
L	2.055 X 6.170 X 1.00 = 12.679 SQM.
M	3.628 X 7.409 X 1.00 = 26.880 SQM.
N	3.860 X 1.900 X 1.00 = 7.334 SQM.
O	4.653 X 3.430 X 1.00 = 15.960 SQM.
P	0.657 X 2.000 X 1.00 = 1.314 SQM.
TOTAL	= 173.990 SQM.
DEDUCTIONS	
1	2.350 X 2.000 X 1.00 = 4.700 SQM.
2	0.600 X 2.160 X 1.00 = 1.296 SQM.
3	1.650 X 2.000 X 1.00 = 3.300 SQM.
4	5.755 X 3.430 X 1.00 = 19.740 SQM.
5	4.143 X 4.110 X 1.00 = 17.028 SQM.
6	0.830 X 1.200 X 1.00 = 0.996 SQM.
7	0.600 X 2.080 X 1.00 = 1.248 SQM.
8	1.025 X 1.598 X 1.00 = 2.916 SQM.
9	1.000 X 2.000 X 1.00 = 2.000 SQM.
10	2.350 X 2.000 X 1.00 = 4.700 SQM.
TOTAL DEDUCTION	= 57.924 SQM.
NET AREA	= 116.066 SQM.

SCALE : - 1:200