

built up area calculation 14th floor

A	28.940	X	43.510	X	1 no.	=	1258.18 sq.mt.
total addition						=	1258.18 sq.mt.
deductions							
1	0.000	X	8.750	X	1 nos	=	53.02 sq.mt.
2	1.700	X	6.000	X	1 nos	=	10.20 sq.mt.
3	3.100	X	1.850	X	2 nos	=	11.47 sq.mt.
4	4.360	X	5.350	X	1 no.	=	23.33 sq.mt.
5	3.000	X	1.900	X	1 no.	=	5.70 sq.mt.
6	7.780	X	8.750	X	1 no.	=	67.86 sq.mt.
7	1.850	X	3.100	X	2 nos	=	11.47 sq.mt.
8	4.180	X	2.010	X	2 nos	=	16.72 sq.mt.
9	6.080	X	3.710	X	2 nos	=	44.87 sq.mt.
10	3.510	X	4.360	X	2 nos	=	30.61 sq.mt.
11	6.920	X	6.080	X	2 nos	=	83.67 sq.mt.
12	8.120	X	1.650	X	2 nos	=	26.80 sq.mt.
13	10.420	X	3.680	X	2 nos	=	80.44 sq.mt.
14	7.780	X	6.080	X	2 nos	=	94.05 sq.mt.
d1	1.250	X	1.250	X	2 nos	=	3.13 sq.mt.
d2	3.300	X	1.650	X	2 nos	=	10.89 sq.mt.
d3	1.000	X	1.350	X	2 nos	=	8.10 sq.mt.
total deduction						=	582.77 sq.mt.
total built up area (1-14)						=	675.41 sq.mt.

staircase, lift & lobby area calculation

s1	3.100	X	4.780	X	2 nos	=	29.51 sq.mt.
s2	0.200	X	2.010	X	2 nos	=	0.80 sq.mt.
s3	1.200	X	0.200	X	2 nos	=	0.48 sq.mt.
p1	2.800	X	1.400	X	1 no.	=	3.92 sq.mt.
p1a	1.400	X	0.200	X	1 no.	=	0.28 sq.mt.
p2	1.250	X	2.800	X	1 nos	=	3.50 sq.mt.
p2a	0.200	X	1.400	X	1 nos	=	0.28 sq.mt.
p3	8.300	X	2.340	X	1 no.	=	19.42 sq.mt.
p4	1.400	X	2.600	X	1 no.	=	3.64 sq.mt.
p5	1.600	X	4.960	X	1 no.	=	9.42 sq.mt.
p6	1.800	X	1.250	X	1 no.	=	2.25 sq.mt.
p7	1.500	X	7.120	X	1 no.	=	10.68 sq.mt.
p8	1.800	X	3.000	X	1 no.	=	5.40 sq.mt.
p9	2.800	X	1.400	X	1 no.	=	3.92 sq.mt.
p10	2.750	X	4.200	X	1 no.	=	11.55 sq.mt.
p11	2.950	X	2.100	X	1 no.	=	6.20 sq.mt.
p12	2.500	X	1.800	X	1 no.	=	4.50 sq.mt.
p13	2.800	X	2.100	X	1 no.	=	5.88 sq.mt.
staircase & lift lobby area						=	121.14 sq.mt.

refuge area calculation

r1	5.160	X	6.000	X	1 nos	=	31.27 sq.mt.
r2	1.450	X	4.210	X	1 no.	=	6.10 sq.mt.
r3	4.150	X	2.780	X	1 no.	=	11.45 sq.mt.
r4	2.750	X	1.400	X	1 nos	=	3.85 sq.mt.
r5	2.460	X	7.900	X	1 nos	=	19.43 sq.mt.
r6	1.060	X	1.400	X	1 nos	=	1.48 sq.mt.
r7	5.910	X	1.450	X	1 nos	=	8.57 sq.mt.
r8	7.760	X	5.160	X	1 nos	=	40.04 sq.mt.
total refuge area						=	122.19 sq.mt.
net built up area (1-14-15)						=	433.08 sq.mt.

refuge area calculation (14th floor)

built area of 14th floor	=	433.08 sq.mt.
built area of 15th to 22nd floor	=	2580.50 sq.mt.
total habitable area to be served (7+8)	=	3023.58 sq.mt.
required refuge area (4% of 9 above)	=	120.94 sq.mt.
proposed refuge area	=	122.19 sq.mt.
14th floor excess refuge area taken in 15 (122.21-120.94)	=	1.25 sq.mt.

built up area calculation 15th to 22nd floor

A	28.940	X	33.550	X	1 no.	=	972.10 sq.mt.
total addition						=	972.10 sq.mt.
deductions							
1	6.080	X	8.750	X	2 nos	=	106.05 sq.mt.
2	1.700	X	6.080	X	2 nos	=	20.60 sq.mt.
3	3.100	X	1.850	X	1 no.	=	5.74 sq.mt.
4	4.360	X	5.350	X	1 no.	=	23.33 sq.mt.
5	3.000	X	1.900	X	1 no.	=	5.70 sq.mt.
6	4.340	X	4.180	X	1 no.	=	18.14 sq.mt.
7	4.180	X	1.190	X	1 no.	=	4.95 sq.mt.
8	1.850	X	3.100	X	2 nos	=	11.47 sq.mt.
9	4.180	X	2.010	X	2 nos	=	16.72 sq.mt.
10	6.080	X	3.710	X	2 nos	=	44.87 sq.mt.
11	3.510	X	4.360	X	2 nos	=	30.61 sq.mt.
12	6.920	X	6.080	X	2 nos	=	83.67 sq.mt.
13	8.120	X	1.650	X	2 nos	=	26.80 sq.mt.
14	8.400	X	1.650	X	1 nos	=	13.86 sq.mt.
15	7.200	X	1.850	X	1 nos	=	13.32 sq.mt.
d1	1.250	X	1.250	X	2 nos	=	3.13 sq.mt.
total deduction						=	430.37 sq.mt.
total built up area (1-22)						=	541.73 sq.mt.
staircase, lift & lobby area calculation							
s1	3.100	X	5.000	X	2 nos	=	31.00 sq.mt.
s2	0.200	X	2.010	X	2 nos	=	0.80 sq.mt.
s3	1.200	X	0.200	X	2 nos	=	0.48 sq.mt.
p1	2.800	X	1.400	X	1 no.	=	3.92 sq.mt.
p2	1.400	X	2.800	X	2 nos	=	7.28 sq.mt.
p3	8.100	X	2.100	X	1 no.	=	17.01 sq.mt.
p4	1.800	X	5.300	X	1 no.	=	9.54 sq.mt.
p5	1.800	X	1.250	X	1 no.	=	2.25 sq.mt.
p6	1.300	X	1.300	X	1 no.	=	2.03 sq.mt.
p7	1.500	X	5.770	X	1 nos	=	8.66 sq.mt.
p8	2.350	X	4.000	X	1 no.	=	10.20 sq.mt.
p9	0.200	X	1.190	X	1 no.	=	0.24 sq.mt.
p10	2.950	X	2.100	X	1 no.	=	6.20 sq.mt.
p11	2.500	X	1.800	X	1 no.	=	4.50 sq.mt.
p12	2.800	X	2.100	X	1 no.	=	5.88 sq.mt.
staircase & lift lobby area						=	108.98 sq.mt.
net built up area (1-22)						=	431.75 sq.mt.

built up area calculation

21st floor				
net area of 20th floor			=	431.75 sq.mt.
total addition			=	431.75 sq.mt.
deductions @ 21st floor				
r1	5.160	X	6.000	X 1nos = 31.27 sq.mt.
r2	1.450	X	4.210	X 1no. = 6.10 sq.mt.
r3	3.350	X	2.960	X 1nos = 11.69 sq.mt.
r4	2.750	X	1.400	X 1no. = 3.85 sq.mt.
total deduction			=	52.91 sq.mt.
net area / n. (431.75 - 52.91)			=	378.84 sq.mt.

refuge area calculation (21st floor)

built area of 21st floor	=	378.84 sq.mt.
built area of 22nd floor	=	431.75 sq.mt.
total habitable area to be served (7+8)	=	810.59 sq.mt.
required refuge area (4% of 9 above)	=	32.42 sq.mt.
proposed refuge area	=	52.91 sq.mt.
21st floor excess refuge area taken in 22 (52.91-32.42)	=	20.49 sq.mt.

built up area statement (wing - C)

floor	construction area (1)	staircase, lift & lobby area (2)	refuge area (3)	net built up area (1+2-3) (4)	refuge area (5)	excess refuge area (6)	excess refuge area (7)	net built up area (8)	net built up area (9)
1st floor	-	-	-	-	-	-	-	-	-
2nd floor	213.10	103.19	-	109.91	-	-	-	109.91	2.00
3rd floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
4th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
5th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
6th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
7th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
8th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
9th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
10th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
11th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
12th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
13th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
14th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
15th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
16th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
17th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
18th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
19th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
20th floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
21st floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
22nd floor	657.89	119.01	-	538.88	-	-	-	538.88	10.00
total	19161.01	2534.42	321.75	10394.84	300.01	21.74	16326.58	191.50	

PROFORMA - B

CONTENTS OF SHEET

Rehab building (building no.1 wing - C)
built up area diagram & calculations

STAMP OF APPROVAL OF PLANS

Approved Subject to the Conditions Mentioned
in this office Permission Letter No. MDD/BP & RD
CELL/A/.....DT.....

11/01/2017
Executive Engineer
Mumbai Development Division
Building Planning & Development
Cell/A
MRADA

STAMP OF DATE OF RECEIPT OF PLANS

ISSUED / REVISION:

REV	DATE	NOTE

OWNER:

MHADA - MUMBAI BOARD
GRIHA NIRMAN BHAVAN, KALANAGAR,
BANDRA (EAST), MUMBAI - 400051
PH. NO. 56405000, 26592877, 26592822

ARCHITECTS

LAXMAN THITE ARCHITECT	IN ASSOCIATION WITH
------------------------	---------------------

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400 013, TEL. NO. 22024992, 22022067 / 2084

SHEET TITLE:

Proposed Rehab Building No. 1 for Re-Development of
existing building as per new DCR 33(9)(B)-Appendix III-B
dated 27th Dec 2016 existing buildings on plot bearing
C.S. No. 101, 102, 2A/102, 4/102, 103, 3/104 & 105
of Lower Parel division, situated at N.M.Joshi Marg known
as BDD Chawls in G/South Ward Mumbai.

DATE	DEALT	NORTH
SCALE	CHECKED	
PATH:		