SHEET NO. 10/14
BUILDING - B 6/7

CONTENTS OF SHEET
27TH FLOOR PLAN, FIRE CANDELA CALCULATION

STAMP OF DATE OF RECEIPT OF PLANS

Plans are approved Subject to conditions prescribed in permit No. V.P. 570/1962/E.TE. TMC/TDD/ 218.3/17... Dated: 28/2/2017

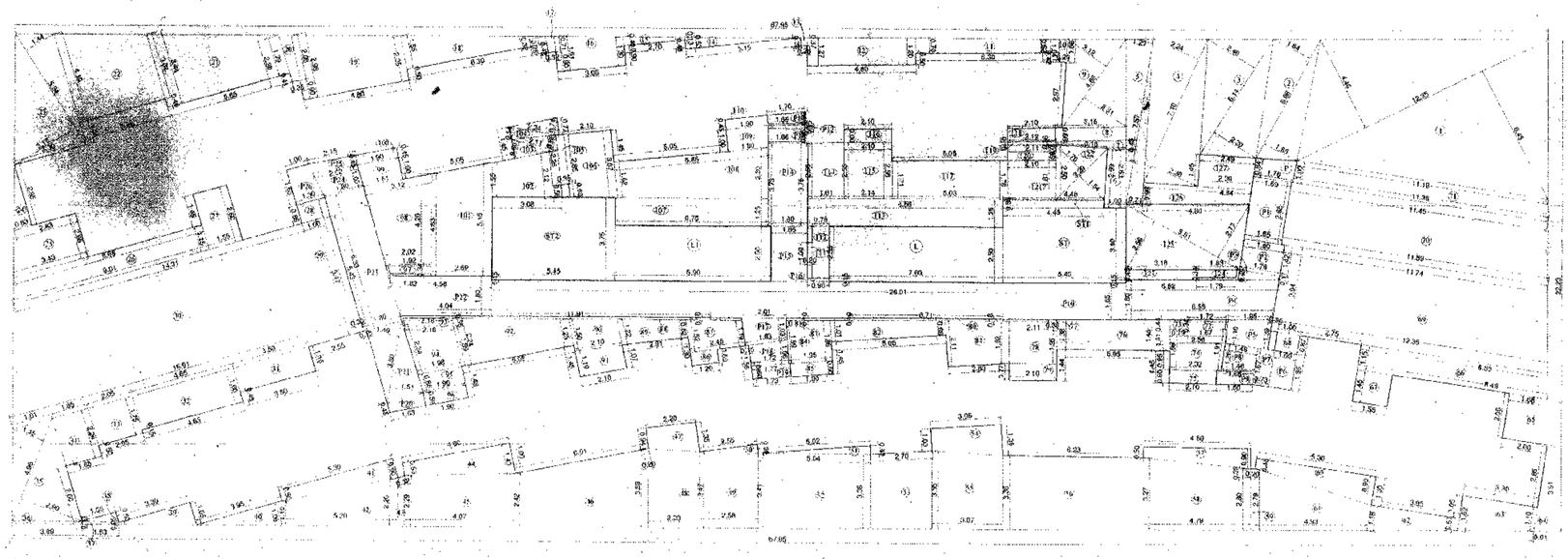
Dy. Engineer (TDD) | Town Development & Planning Officer (T.D.D.) | Thane Municipal Corporation of The City of Thane

STAMP & DATE OF APPROVAL OF PLANS

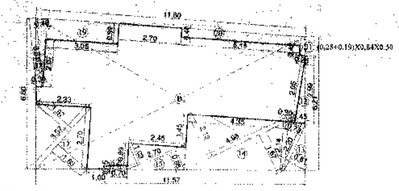
सावधान

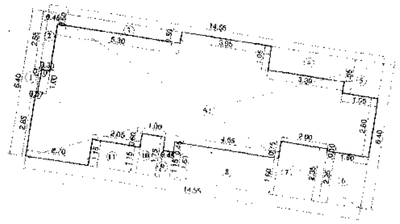
"सक्षम प्राधिकाऱ्याकडून बांधकाम व कामे आरंभ करण्यापूर्वी विकास नियमावलीनुसार आवश्यक सर्व परवानग्या व घेतले बांधकाम-काम करावे, अन्यथा संबंधितांवर व त्यांच्या स्वतंत्र अभियंत्यांवर नियम व अनुसार कारवाई करण्यात येईल. याबाबतची जबाबदारी जागेचे मालक व त्यांचे अभियंता यांची राहील."

BALCONY AREA DIAGRAM 27TH FLOOR (REFUGE FLOOR)
SCALE :- 1:100



27TH FLOOR PLAN (REFUGE FLOOR)
SCALE :- 1:100 (BLDG - B)





PROPOSED REFUGE AREA DIAGRAM 27TH FLOOR
SCALE :- 1:100

PROPOSED REFUGE AREA CALCULATION (27TH FLR.)

A	14.58	X	6.42		=	93.62
B	11.60 + 11.87	X	6.21	X 0.60	=	71.94
TOTAL					=	450.96
DEDUCTION						
1	0.07 + 0.10	X	1.08	X 0.60	=	0.09
2	0.45	X	2.58		=	1.16
3	6.50	X	0.50		=	2.93
4	2.32	X	1.66		=	3.87
5	1.05	X	1.55		=	2.40
6	1.80	X	2.25		=	4.05
7	2.00	X	2.35		=	4.70
8	4.60	X	1.61		=	7.26
9	6.46	X	1.15		=	0.52
10	1.00	X	1.75		=	1.75
11	2.03	X	1.15		=	2.36
12	2.06	X	0.45	X 0.50	=	0.67
13	0.13 + 0.61	X	2.60	X 0.50	=	1.99
14	1.61 + 2.13	X	4.88	X 0.60	=	9.94
15	1.13 + 0.68	X	2.70	X 1.20	=	2.94
16	0.19	X	0.13		=	0.02
17	1.67 + 1.65	X	3.01	X 0.60	=	0.05
18	0.25 + 0.40	X	3.01	X 0.60	=	1.76
19	1.75	X	0.90		=	1.75
20	5.45	X	0.46		=	2.50
21	0.29 + 0.19	X	0.84	X 0.60	=	0.18
TOTAL					=	57.34
TOTAL REFUGE AREA (450.96 - 57.34)					=	102.79

REQUIRED REFUGE FLOOR AREA (27TH FLR)

NET BUILT UP AREA + STAIRCASE+ BALC. AREA		
(4 589.11+201.48+58.28) X 2 NOS. OF FLOOR	=	9698.8
(475.51+201.48+47.26) X 1 NOS. OF FLOOR	=	724.25
TOTAL	=	2410.05
10 % 88.5.6%	=	96.40
TOTAL REQUIRED REFUGE AREA	=	96.40
TOTAL PROPOSED REFUGE AREA	=	407.22
EXCESS REFUGE AREA COUNTED IN FSI	=	30.82

27TH REFUGE FLOOR (NET UP + BALC.) CALCULATION

A	67.98	X	22.21		=	1510.05
TOTAL					=	1510.05
DEDUCTION						
1	1.46 + 6.48	X	13.93	X 0.50	=	87.37
2	1.84 + 1.85	X	6.06	X 0.50	=	10.81
3	2.46 + 2.20	X	6.14	X 0.50	=	14.01
4	2.34 + 2.30	X	7.10	X 0.80	=	18.12
5	1.26 + 0.71	X	7.57	X 0.60	=	7.29
6	2.53 + 2.68	X	1.00	X 0.50	=	2.66
7	0.43 + 0.16	X	0.75	X 0.50	=	0.89
8	3.10	X	0.60		=	1.86
9	2.31 + 2.12	X	4.68	X 0.50	=	10.32
10	1.06 + 1.04	X	0.20	X 0.50	=	0.30
11	0.62 + 0.10	X	8.30	X 0.50	=	4.76
12	1.20 + 1.21	X	4.85	X 0.50	=	5.92
13	0.37 + 0.38	X	0.92	X 0.50	=	0.59
14	5.15	X	0.53	X 0.50	=	1.36
15	0.13 + 0.49	X	2.70	X 0.50	=	0.78
16	1.30 + 1.61	X	3.02	X 0.50	=	4.44
17	0.71 + 0.49	X	6.32	X 0.50	=	0.24
18	0.30 + 1.56	X	6.36	X 0.50	=	5.80
19	2.05 + 2.36	X	4.86	X 0.50	=	10.01
20	2.09 + 2.29	X	6.25	X 0.50	=	6.75
21	2.20 + 3.41	X	9.05	X 0.50	=	15.91
22	5.04 + 4.19	X	3.85	X 0.50	=	14.28
23	1.44 + 3.17	X	5.84	X 0.50	=	13.06
24	0.85	X	2.85	X 0.50	=	1.16
25	2.83 + 3.43	X	2.05	X 0.50	=	10.17
26	9.04 + 8.66	X	1.13	X 0.50	=	4.93
27			1.66	X 2.60	=	4.32
28			1.02	X 0.50	=	0.51
29			0.35	X 5.42	=	1.90
30	14.31		15.91	X 5.47 X 0.50	=	62.66
31			3.50	X 1.15	=	4.03
32			4.65	X 1.55	=	7.44
33			2.25	X 1.75	=	3.94
34			1.65	X 2.04	=	3.37
35	1.45 + 2.50	X	4.90	X 0.50	=	16.79
36			3.05	X 0.15	=	0.46
37	4.06		3.13	X 1.00 X 0.50	=	6.35
38			1.55	X 0.60 X 0.50	=	0.56
39	1.06 +		0.05	X 3.30 X 0.50	=	1.93
40			3.55	X 1.05 X 0.50	=	2.09
41	0.60 +		0.09	X 0.60 X 0.50	=	0.21
42	2.20 +		1.10	X 0.20 X 0.50	=	0.66
43	2.09 +		2.20	X 0.32 X 0.50	=	0.72
44	1.40 +		0.50	X 4.07 X 0.50	=	4.72
45	2.40 +		2.20	X 4.01 X 0.50	=	11.42
46	2.50 +		2.40	X 4.01 X 0.50	=	18.06
47	1.36 +		0.84	X 2.50 X 0.50	=	3.52
48	3.47 +		3.19	X 2.72 X 0.50	=	7.61
49	1.41 +		3.47	X 2.56 X 0.50	=	6.82
50			2.55	X 0.30 X 0.50	=	0.51
51			5.07	X 0.40 X 0.50	=	1.90
52	1.41 +		3.36	X 5.04 X 0.50	=	17.08
53	1.35 +		3.30	X 2.00 X 0.50	=	8.33
54	1.38 +		1.00	X 3.45 X 0.50	=	3.96
55	2.55 +		3.26	X 7.90 X 0.50	=	19.61
56	2.27 +		3.30	X 0.27 X 0.50	=	20.66
57	0.60 +		0.60	X 4.80 X 0.50	=	1.34
58	2.80 +		3.27	X 4.79 X 0.50	=	14.61
59	1.80 +		2.79	X 0.35 X 0.50	=	6.56
60	1.30 +		0.48	X 4.80 X 0.50	=	4.72
61	2.78 +		1.18	X 4.66 X 0.50	=	10.68
62	3.18 +		0.87	X 1.96 X 0.50	=	3.40
63	1.08 +		1.43	X 2.80 X 0.50	=	3.47
64			0.64	X 2.81 X 0.50	=	1.80
65	3.00 +		1.68	X 3.45 X 0.50	=	7.97
66	3.48 +		8.10	X 5.15 X 0.50	=	29.60
67			1.00	X 0.62	=	0.62
68	12.35 +		11.10	X 3.94 X 0.50	=	47.96
69	11.58 +		11.45	X 3.94 X 0.50	=	45.26
70	11.58 +		11.19	X 1.60 X 0.50	=	11.20
71	1.75 +		1.87	X 2.54 X 0.50	=	3.41
72	2.56 +		2.32	X 1.66 X 0.50	=	3.96
73			2.10	X 0.60	=	1.26
74	1.45 +		1.56	X 5.04 X 0.50	=	9.50
75			DNA	X 0.63	=	0.00
76	3.55 +		3.62	X 2.11 X 0.50	=	9.60
77			2.19	X 0.10	=	0.22
78			4.31	X 0.50	=	1.08
79	2.11 +		1.95	X 2.80 X 0.50	=	5.56
80	1.01 +		0.62	X 8.05 X 0.50	=	4.22
81			0.61	X 0.50	=	0.15
82	1.80 +		1.09	X 1.95 X 0.50	=	3.75
83			1.00	X 0.60	=	0.60
84	1.82 +		1.19	X 2.45 X 0.50	=	3.69
85			11.31	X 0.15	=	1.70
86	1.22 +		0.69	X 2.91 X 0.50	=	2.68
87	1.50 +		1.22	X 2.16 X 0.50	=	3.56
88	1.16 +		1.97	X 2.10 X 0.50	=	3.39
89	1.24 +		1.20	X 5.03 X 0.50	=	5.56
90	2.38 +		2.35	X 5.03 X 0.50	=	11.85
91	2.84 +		1.80	X 1.91 X 0.50	=	4.15
92	1.98 +		1.80	X 2.80 X 0.50	=	5.35
93			1.80	X 0.60	=	1.08
94	1.62 +		1.82	X 0.34 X 0.50	=	0.59
95	3.12 +		2.02	X 4.20 X 0.50	=	10.75
96	1.91 +		1.92	X 1.52 X 0.50	=	5.29
97			1.99	X 0.45	=	0.90
98	5.15 +		4.63	X 2.59 X 0.50	=	12.15
99	2.12 +		1.81	X 3.99 X 0.50	=	7.93
100	0.66 +		0.80	X 2.11 X 0.50	=	1.56
101	0.74 +		0.84	X 2.24 X 0.50	=	1.43
102			2.25	X 0.36	=	0.81
103	3.07 +		2.65	X 2.10 X 0.50	=	6.32
104			9.76	X 1.25	=	8.44
105	2.50 +		1.40	X 1.55 X 0.50	=	5.51
106	1.90 +		1.80	X 1.00 X 0.50	=	1.85
107			1.90	X 0.45	=	0.86
108			0.20	X 1.00	=	0.20
109			0.78	X 2.25	=	1.76
110			8.68	X 1.25	=	10.70
111	2.60 +		2.55	X 1.51 X 0.50	=	8.05
112	2.56 +		2.61	X 2.14 X 0.50	=	9.86
113			3.15	X 0.60	=	1.08
114	1.78 +		1.71	X 3.05 X 0.50	=	8.21
115			2.19	X 0.60	=	0.79
116	2.12 +		2.11	X 0.15 X 0.50	=	0.64
117	2.14 +		2.10	X 0.35 X 0.50	=	0.63
118	1.61 +		1.76	X 3.39 X 0.50	=	8.73
119	1.54 +		1.76	X 3.29 X 0.50	=	5.43
120			3.15	X 0.45	=	1.42
121			1.83	X 0.34	=	0.62
122	2.77 +		2.56	X 0.51 X 0.50	=	14.06
123	4.84 +		4.80	X 0.99 X 0.50	=	4.77
124	2.49 +		2.39	X 1.40 X 0.50	=	5.64
TOTAL					=	633.56

BUILT UP AREA STATEMENT(BLDG -B)

FLOOR	BUILT UP AREA	EXCESS BALC.	EXCESS SOCIETY	EXCESS REFUGE	TOTAL BUILT UP AREA	STAIR LIFT & PASS. AREA
	I	II	III	IV	(I+II+III+IV) = (V)	
GR. FLR.	322.75		5.67		328.02	189.34
1ST FLR.	638.34				638.34	201.40
2ND FLR.	583.13				583.13	201.48
3RD FLR.	583.13				583.13	201.48
4TH FLR.	583.13				583.13	201.48
5TH FLR.	583.13				583.13	201.48
6TH FLR.	583.13				583.13	201.48
7TH FLR.	583.13				583.13	201.48
8TH FLR (REFUGE)	456.08	0.92			457.00	201.48
9TH FLR.	583.13				583.13	201.48
10TH FLR.	583.13				583.13	201.48
11TH FLR.	583.13				583.13	201.48
12TH FLR (REFUGE)	411.50	2.64		10.49	424.60	201.48
13TH FLR.	583.13				583.13	201.48
14TH FLR.	583.13				583.13	201.48
15TH FLR.	583.13				583.13	201.48
16TH FLR.	583.13				583.13	201.48
17TH FLR (REFUGE)	411.50	2.64		10.49	424.60	201.48
18TH FLR.	583.13				583.13	201.48
19TH FLR.	583.13				583.13	201.48
20TH FLR.	583.13				583.13	201.48
21ST FLR.	583.13				583.13	201.48
22ND FLR (REFUGE)	411.50	2.64		10.49	424.60	201.48
23RD FLR.	583.13				583.13	201.48
24TH FLR.	583.13				583.13	201.48
25TH FLR.	583.13				583.13	201.48
26TH FLR.	583.13				583.13	201.48
27TH FLR (REFUGE)	175.57			10.82	466.39	201.48
28TH FLR.	583.13				583.13	201.48
29TH FLR.	583.13				583.13	201.48
TOTAL	16839.17	8.84	5.67	42.21	18605.79	6032.26

GYMNASIUM, OPT. LIFT LOBBY AREA CALCULATION

ST		5.85	X	3.40	X 1.00	=	19.89
B1	4.46 +	5.45	X	0.75	X 0.50	=	3.05
B1		5.45	X	3.75	X 1.00	=	20.44
L		7.90	X	2.95	X 1.00	=	23.30
L		6.90	X	2.50	X 1.00	=	17.25
P	1.00 +	0.84	X	1.76	X 0.50	=	1.52
P1	1.69 +	1.85	X	2.65	X 0.50	=	4.70
P2	1.80 +	1.78	X	1.42	X 0.50	=	2.54
P2	0.45 +	0.17	X	1.76	X 0.50	=	0.56
P4	6.82 +	6.58	X	1.81	X 0.50	=	12.03
P5	3.39 +	3.12	X	1.65	X 0.50	=	2.43
P6		1.00	X	1.65	X 0.50	=	1.65
P7		0.13	X	1.67	X 1.00	=	1.22
P8	1.48 +	1.40	X	1.28	X 0.50	=	1.85
P9	1.56 +	1.60	X	0.62	X 0.50	=	0.99
P10		38.01	X	1.65	X 0.50	=	40.22
P11	1.70 +	1.61	X	0.62	X 0.50	=	1.04
P12		1.46	X	0.18	X 0.50	=	0.20
P13	1.00 +	1.05	X	0.95	X 0.50	=	1.00
P14	3.76 +	3.73	X	1.80	X 0.50	=	6.75
P15		1.65	X	2.85	X 1.00	=	4.70
P16		0.06	X	0.18	X 1.00	=	0.11
P17	2.01 +	1.93	X	1.05	X 0.50	=	2.03
P18	1.95 +	1.77	X	1.05	X 0.50	=	1.95
P19	1.77 +	1.73	X	0.62	X 0.50	=	1.09
P20	0.69 +	0.63	X	1.63	X 0.50	=	0.85
P21	1.84 +	1.46	X	1.80	X 0.50	=	5.78
P22	1.58 +	1.64	X	1.65	X 0.50	=	2.86
P23		1.80	X	5.33	X 1.00	=	11.39
P24	2.03 +	1.80	X	1.05	X 0.50	=	1.94
P25	2.16 +	2.10	X	0.48	X 0.50	=	0.96
P26	1.50 +	1.00	X	1.65	X 0.50	=	1.90
TOTAL					=	201.48
TOTAL BUILT UP AREA (B+P5)					=	455.13

27TH FLOOR BALCONY AREA CALC

B1		3.30	X	1.75	X	=	11.55
B2		2.20	X	0.70	X	=	1.54
B3		4.80	X	0.95	X 2	=	9.12
B4		0.75	X	0.95	X	=	0.71
B5		5.30	X	0.95	X 2	=	10.07
B6		0.45	X	0.40	X	=	0.18
B7		4.95	X	0.95	X 2	=	9.41
B8		0.25	X	0.95	X	=	0.24
B9		3.05	X	1.00	X	=	3.05
B10		0.25	X	0.40	X	=	0.10
B11		0.31	X	0.31	X	=	0.10
TOTAL						=	55.97
PLINTH AREA	675.51	X	30%			=	202.65
EXCESS BALC. AREA						=	146.68

PROFORMA B

DESCRIPTION OF PROPOSAL AND PROPERTY

PROPOSED BUILDING LAYOUT ON PLOT BEARING S.NO. 73 H.NO. 1,2,3,4, S.NO. 74/1, S.NO. 28/1, S.NO. 30 H.NO. 1 & 2, S.NO. 50/ S.NO.1 H.NO. 5, 6, 7, 9, 11, 12, S.NO. 2 H.NO.1,2,3 & NO.3 H.NO.2 TO 8, S.NO.11 H.NO. 11 TO 14 & NO.18 H.NO. 5, 6, 8, 16 & NO.19 H.NO.2, 3, & NO.22 H.NO.1, 2, 3, S.NO. 210/A, 6B, 6C, S.NO.22 H.NO.1, 2, 7, 8, 12 & S.NO. 24/1A & B, 2, 5, 6, 7, 8 & HC 25/1, 4, 7, S.NO.26 H.NO. 2 & 3 AT VILLAGE BETAWADE, TAL & DIST - THANE.

NAME OF OWNER / POA

MATRIX ENCLAVES PROJECT DEVELOPMENTS PVT. LTD.
702, Marathon Max
Mulund-Goregaon Link Road
Mumbai - 80

OWNER'S / POA SIGNATURE

ARCHITECT'S NAME, ADDRESS

MATRIX
Architects & Engineers,
702, Marathon Max
Mulund-Goregaon Link Road
Mumbai - 80

ARCHITECT'S SIGNATURE

NORTH	REMARKS	DATE	DRG.BY	SCALE
				1:100