CLUSTER - 6 TOWER - 7
(BASEMENT + GROUND (PT) / STILT (PT) + 1ST TO 4TH PODIUM FLOOR + 5TH PODIUM TOP FLOOR + 6TH TO 33RD FLOOR)

49 / 81

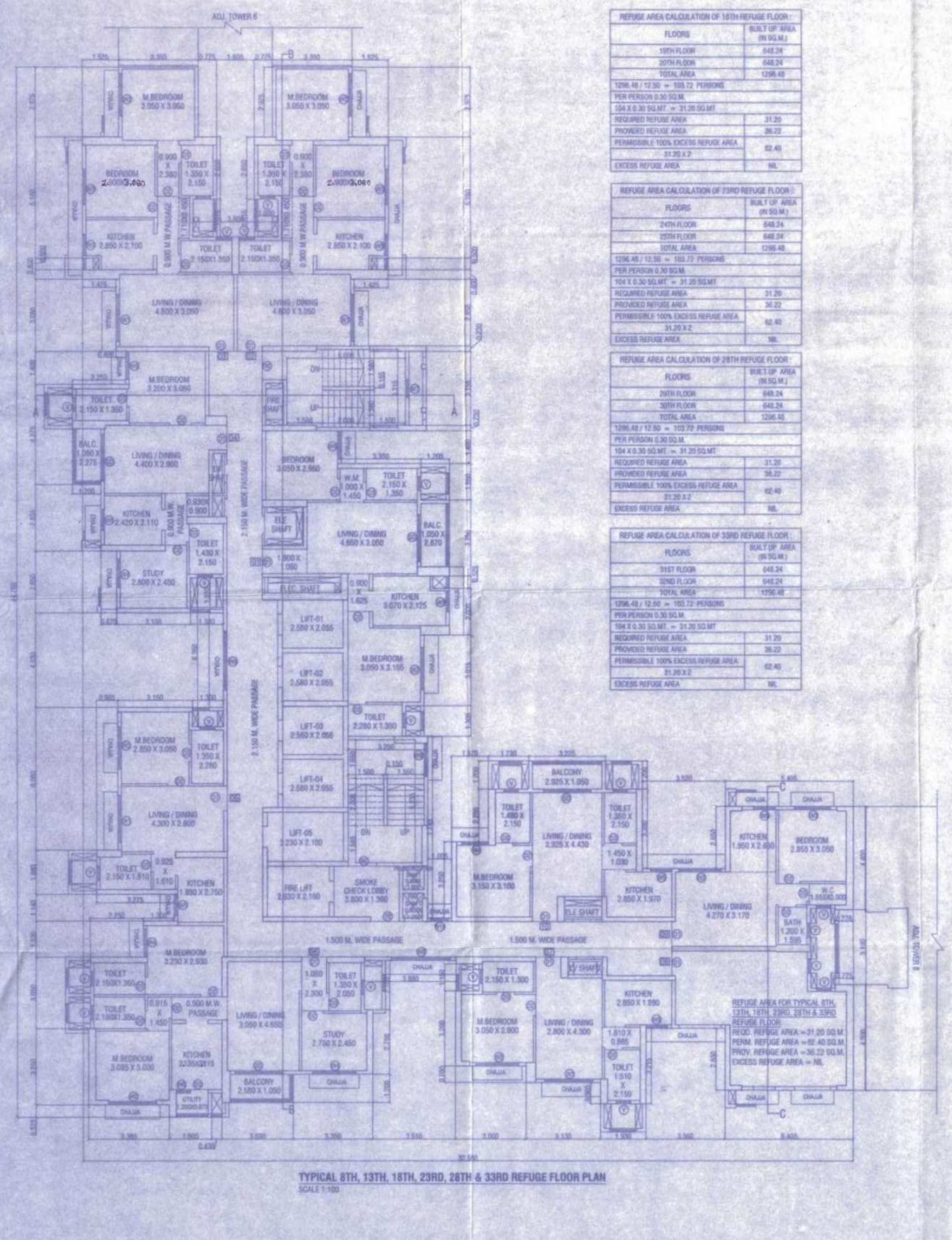
CONTENTS OF SHEET

GROUND FLOOR PLAN, PLINTH AREA LINE DIAGRAM & CALCULATIONS, BUILT UP AREA SUMMARY, RERA CARPET AREA STATEMENT, COVERED BUILT UP AREA STATEMENT, ETC.

STAMP OF APPROVAL OF PLAN

PLANS APPROVED SUBJECT TO ... WHICH ARE TO BE READ WITH BUILDING PERMISSION & COMMENCEMENT CERTIFICATE/AMENDED BUILDING PERMISSION & COMMENCEMENT CERTIFICATE NO. SROT/Growth Centre/Kalyan/BP/17-Usarghar-Sandap-01/Vol-19/321/899/2023
DATE 23/06/2023
AND THE CONDITIONS MENTIONED THEREIN.
Sub-Regional Office, Thane, MMRDA

MMRDA



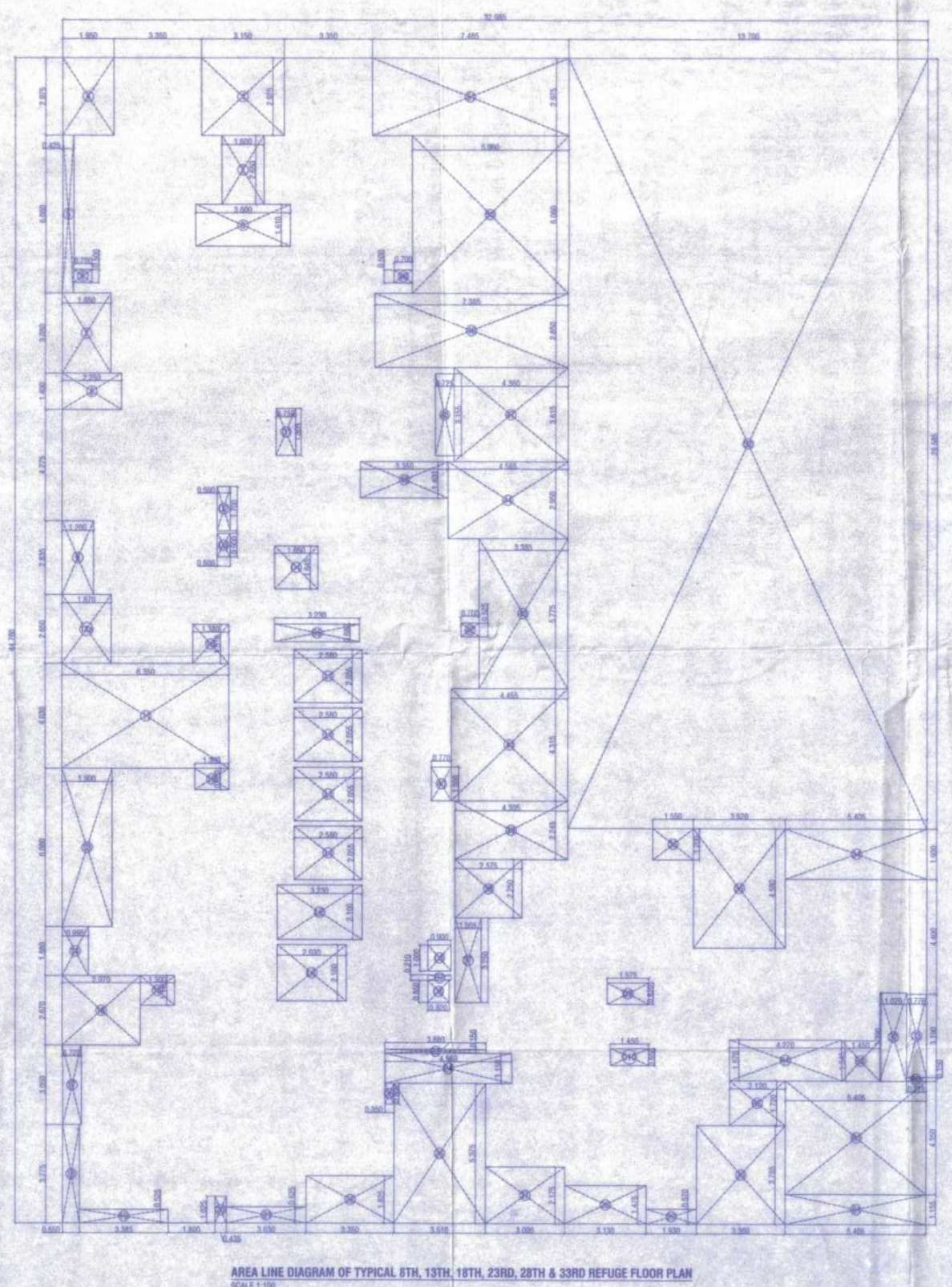
TYPICAL 8TH, 13TH, 18TH, 23RD, 28TH & 33RD REFUGE FLOOR PLAN
SCALE 1:100

REFUGE AREA CALCULATION OF 18TH REFUGE FLOOR :	
FLOORS	BUILT UP AREA (IN SQ.M.)
19TH FLOOR	648.24
20TH FLOOR	648.24
TOTAL AREA	1296.48
1296.48 / 12.50 = 103.72 PERSONS	
PER PERSON 0.30 SQ.M.	
104 X 0.30 SQ.MT = 31.20 SQ.MT	
REQUIRED REFUGE AREA	31.20
PROVIDED REFUGE AREA	36.22
PERMISSIBLE 100% EXCESS REFUGE AREA 31.20 X 2	62.40
EXCESS REFUGE AREA	NIL

REFUGE AREA CALCULATION OF 23RD REFUGE FLOOR :	
FLOORS	BUILT UP AREA (IN SQ.M.)
24TH FLOOR	648.24
25TH FLOOR	648.24
TOTAL AREA	1296.48
1296.48 / 12.50 = 103.72 PERSONS	
PER PERSON 0.30 SQ.M.	
104 X 0.30 SQ.MT = 31.20 SQ.MT	
REQUIRED REFUGE AREA	31.20
PROVIDED REFUGE AREA	36.22
PERMISSIBLE 100% EXCESS REFUGE AREA 31.20 X 2	62.40
EXCESS REFUGE AREA	NIL

REFUGE AREA CALCULATION OF 28TH REFUGE FLOOR :	
FLOORS	BUILT UP AREA (IN SQ.M.)
29TH FLOOR	648.24
30TH FLOOR	648.24
TOTAL AREA	1296.48
1296.48 / 12.50 = 103.72 PERSONS	
PER PERSON 0.30 SQ.M.	
104 X 0.30 SQ.MT = 31.20 SQ.MT	
REQUIRED REFUGE AREA	31.20
PROVIDED REFUGE AREA	36.22
PERMISSIBLE 100% EXCESS REFUGE AREA 31.20 X 2	62.40
EXCESS REFUGE AREA	NIL

REFUGE AREA CALCULATION OF 33RD REFUGE FLOOR :	
FLOORS	BUILT UP AREA (IN SQ.M.)
31ST FLOOR	648.24
32ND FLOOR	648.24
TOTAL AREA	1296.48
1296.48 / 12.50 = 103.72 PERSONS	
PER PERSON 0.30 SQ.M.	
104 X 0.30 SQ.MT = 31.20 SQ.MT	
REQUIRED REFUGE AREA	31.20
PROVIDED REFUGE AREA	36.22
PERMISSIBLE 100% EXCESS REFUGE AREA 31.20 X 2	62.40
EXCESS REFUGE AREA	NIL



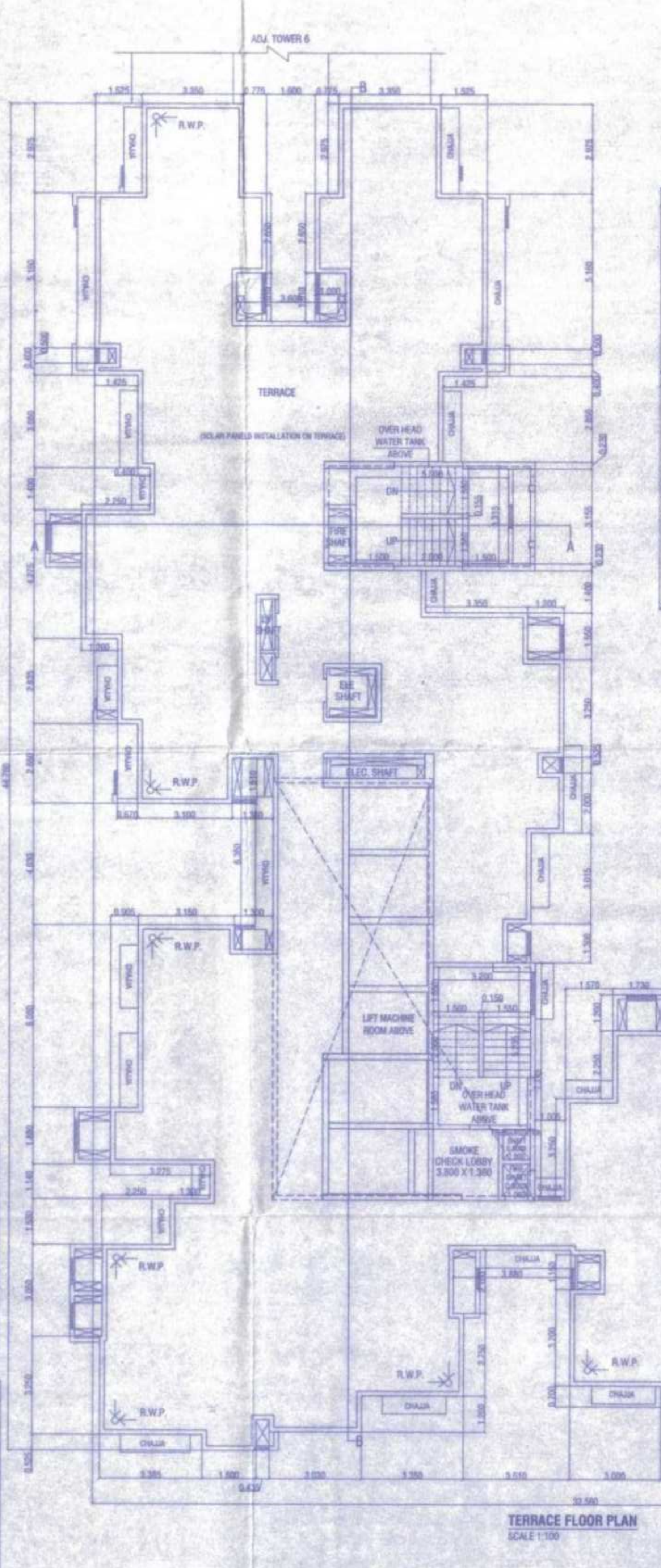
AREA LINE DIAGRAM OF TYPICAL 8TH, 13TH, 18TH, 23RD, 28TH & 33RD REFUGE FLOOR PLAN
SCALE 1:100

B/UP AREA CALCULATION OF 8TH, 13TH, 18TH, 23RD, 28TH & 33RD REFUGE FLOOR :

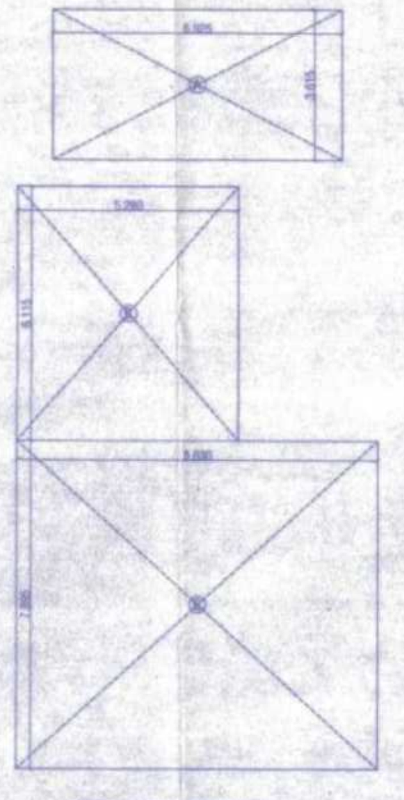
A	32.985	X	44.760			=	1476.409
TOTAL							1476.41
DEDUCTIONS :							
1	3.150	X	2.975			=	9.371
2	1.600	X	2.650			=	4.240
3	3.600	X	1.610			=	5.796
4	1.950	X	2.975			=	5.801
5	0.425	X	6.060			=	2.576
6	0.700	X	0.500			=	0.350
7	1.850	X	3.080			=	5.698
8	2.250	X	1.400			=	3.150
9	1.200	X	2.835			=	3.402
10	1.380	X	1.510			=	2.084
11	6.350	X	4.030			=	25.591
11a	1.870	X	2.650			=	4.955
12	1.300	X	0.820			=	1.066
13	1.900	X	6.080			=	11.552
14	0.995	X	1.880			=	1.871
15	1.300	X	1.140			=	1.482
16	2.970	X	2.670			=	7.930
17	0.720	X	3.050			=	2.196
18	0.650	X	3.775			=	2.454
19	3.385	X	0.525			=	1.777
20	0.435	X	1.025			=	0.446
21	3.030	X	0.625			=	1.894
22	3.350	X	1.825			=	6.114
23	3.880	X	0.150			=	0.582
24	4.860	X	1.150			=	5.589
25	0.350	X	0.800			=	0.280
26	3.510	X	5.375			=	18.866
27	3.000	X	2.175			=	6.525
28	3.130	X	1.475			=	4.617
29	1.930	X	0.570			=	1.100
30	3.360	X	3.785			=	12.718
31	5.405	X	1.155			=	6.243
32	1.029	X	3.390			=	3.488
33	0.776	X	3.190			=	2.475
34	5.405	X	1.930			=	10.432
35	3.520	X	4.580			=	16.122
36	1.550	X	1.200			=	1.860
37	1.005	X	3.250			=	3.266
38	2.575	X	2.250			=	5.794
39	4.305	X	2.245			=	9.665
40	0.770	X	1.300			=	1.001
41	4.455	X	4.315			=	19.223
42	0.700	X	0.525			=	0.368
43	3.385	X	5.775			=	19.548
44	4.585	X	2.950			=	13.526
45	3.350	X	1.400			=	4.690
46	0.725	X	3.155			=	2.287
47	4.360	X	3.615			=	15.761
48	7.385	X	2.850			=	21.047
49	0.700	X	0.500			=	0.350
50	5.960	X	6.060			=	36.118
51	7.485	X	2.975			=	22.268
52	13.700	X	29.585			=	405.315
TOTAL DEDUCTIONS - (a)							782.92
DUCT AREA CALCULATIONS :							
D1	0.750	X	1.805			=	1.354
D2	0.500	X	1.700			=	0.850
D3	0.500	X	0.900			=	0.450
D4	1.650	X	1.645			=	2.714
D5	3.230	X	0.680			=	2.196
D6	0.900	X	1.000			=	0.900
D7	0.900	X	0.210			=	0.189
D8	0.820	X	0.850			=	0.697
D9	1.575	X	0.820			=	1.292
D10	1.450	X	0.650			=	0.943
TOTAL DUCT AREA - (b)							11.58
LIFT AREA CALCULATIONS :							
L1	2.580	X	2.055	X	4	=	21.208
L2	3.230	X	2.100			=	6.783
L3	2.630	X	2.160			=	5.681
TOTAL LIFT AREA - (c)							33.67
REFUGE AREA CALCULATIONS :							
R1	5.405	X	4.350			=	23.512
R2	0.775	X	0.150			=	0.116
R3	1.450	X	1.545			=	2.240
R4	4.270	X	1.570			=	6.704
R5	2.120	X	1.720			=	3.646
TOTAL REFUGE AREA - (d)							36.22
REFUGE AREA AS PER POLYLINE							36.22
TOTAL (a+b+c+d)							864.39
TOTAL PROPOSED B/UP AREA OF REFUGE FLOOR							612.02
B/UP AREA AS PER POLYLINE							612.02

REFUGE AREA CALCULATION OF 8TH REFUGE FLOOR :	
FLOORS	BUILT UP AREA (IN SQ.M.)
9TH FLOOR	648.24
10TH FLOOR	648.24
TOTAL AREA	1296.48
1296.48 / 12.50 = 103.72 PERSONS	
PER PERSON 0.30 SQ.M.	
104 X 0.30 SQ.MT = 31.20 SQ.MT	
REQUIRED REFUGE AREA	31.20
PROVIDED REFUGE AREA	36.22
PERMISSIBLE 100% EXCESS REFUGE AREA 31.20 X 2	62.40
EXCESS REFUGE AREA	NIL

REFUGE AREA CALCULATION OF 13TH REFUGE FLOOR :	
FLOORS	BUILT UP AREA (IN SQ.M.)
14TH FLOOR	648.24
15TH FLOOR	648.24
TOTAL AREA	1296.48
1296.48 / 12.50 = 103.72 PERSONS	
PER PERSON 0.30 SQ.M.	
104 X 0.30 SQ.MT = 31.20 SQ.MT	
REQUIRED REFUGE AREA	31.20
PROVIDED REFUGE AREA	36.22
PERMISSIBLE 100% EXCESS REFUGE AREA 31.20 X 2	62.40
EXCESS REFUGE AREA	NIL



TERRACE FLOOR PLAN
SCALE 1:100



O.H.T. & L.M.R. AREA LINE DIAGRAM OF TERRACE FLOOR
SCALE 1:100

O.H.T. & L.M.R. B/UP AREA CALCULATION OF TERRACE FLOOR :					
ADDITIONS :					
A	6.925	X	3.615	=	25.034
B	5.280	X	6.115	=	32.287
C	8.850	X	7.695	=	68.134
TOTAL PROPOSED O.H.T. & L.M.R.					125.45
B/UP AREA OF TERRACE FLOOR					125.45
B/UP AREA AS PER POLYLINE					125.45

SCHEDULE OF DOOR & WINDOW

TYPE	SIZE	DESCRIPTION
FRD	1.20 X 2.40	SINGLE SHUTTER FIRE RATED FLUSH DOOR
D1	1.05 X 2.40	SINGLE SHUTTER FLUSH DOOR
D2	0.90 X 2.40	SINGLE SHUTTER FLUSH DOOR
D3	0.75 X 2.40	SINGLE SHUTTER FLUSH DOOR
SD	2.00 X 2.10	SINGLE SHUTTER FLUSH DOOR
W1	2.00 X 2.10	ALUMINIUM SLIDING WINDOW
W2	1.80 X 2.10	ALUMINIUM SLIDING WINDOW
W3	1.50 X 2.10	ALUMINIUM SLIDING WINDOW
W4	1.13 X 2.10	ALUMINIUM SLIDING WINDOW
W5	0.90 X 2.10	ALUMINIUM SLIDING WINDOW
W6	0.60 X 1.50	ALUMINIUM SLIDING WINDOW
W7	0.75 X 1.50	ALUMINIUM SLIDING WINDOW
W8	1.415 X 1.50	ALUMINIUM SLIDING WINDOW
W9	2.50 X 1.50	ALUMINIUM SLIDING WINDOW
W10	0.75 X 1.50	ALUMINIUM SLIDING WINDOW
V	0.50 X 2.10	LOUVERED OPENABLE SERVICE DOOR

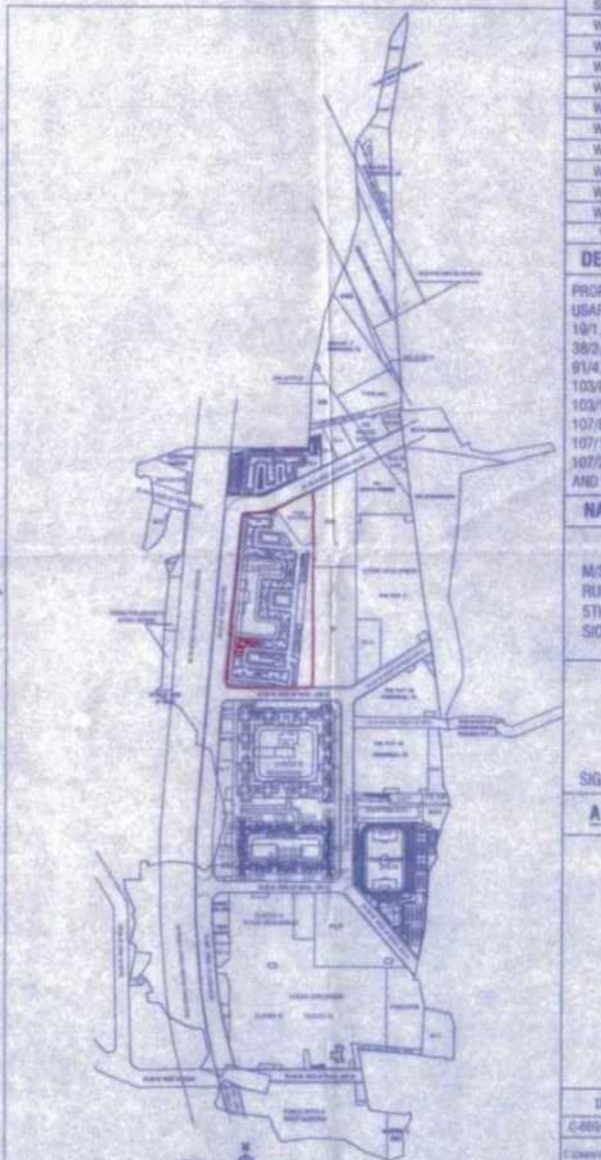
DESCRIPTION OF PROPOSAL

PROPOSED INTEGRATED TOWNSHIP PROJECT ON PLOT BEARING VILLAGE USARGHAR BEARING S. NO. 17/1, 17/2, 17/3/A, 17/3/B, 17/4, 17/5, 19/1, 19/2, 19/3, 19/4, 20/3, 20/4, 20/5, 34/1, 36/1/A, 36/1/B, 37/1, 37/2, 38/1, 38/2, 38/3, 38/4, 70/8, 70/10, 70/11, 71/1, 71/2, 71/3, 71/4, 71/8, 91/1, 91/2, 91/3, 91/4, 91/5, 92/1, 92/2, 93/P, 103/2, 103/3, 103/4, 103/5, 103/6/A, 103/7, 103/8, 103/9, 103/10, 103/11, 103/12, 103/13, 103/14/B, 103/15, 103/16, 103/17, 103/18, 106/2, 106/3, 107/1, 107/2/A, 107/2/B, 107/3, 107/4, 107/5, 107/6, 107/7, 107/8, 107/9, 107/10, 107/11, 107/12, 107/13, 107/14, 107/15, 107/16, 107/17, 107/18, 107/19, 107/20, 107/22, 107/23, 107/24, 107/25A, 107/25B, 107/26A, 107/26B, 108/1, 108/2, 108/3, 109P, 134/1, 134/2, 134/3 DIST- THANE AND VILLAGE SANDAP BEARING S. NO. 2, 21/1 DIST- THANE

NAME AND ADDRESS OF / P.O.A.H.

M/S. HORIZON PROJECTS PVT. LTD.
RUNWAL GROUP, RUNWAL & OMKAR ESQUARE,
5TH FLOOR, OPP. SION CHUNABHATTI SIGNAL,
SION (EAST) MUMBAI - 400022.

SIGNATURE OF OWNER / P.O.A.H. | SIGNATURE OF ARCHITECT



ARCHITECTS

saakaar ARCHITECTS
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NEAR TMC, ALMEIDA ROAD,
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DWG NO.	SCALE	DATE	DRN BY	CHKD BY
C4/6/7/2023/M/49	1 : 100	23/06/2023	TUSHAR	SIDDHI