

CONTENT OF SHEET

REFUGE FLOOR PLAN WITH AREA LINE DIAGRAM, CALCULATION & REFUGE REQUIREMENT STATEMENT ETC.

STAMP OF APPROVAL OF PLANS :

Plans are approved Subject to conditions  
 Prescribed in Permit No. U.P. Soc/0220/18  
 TMC/TS-DPT/PS-4302/23 Dated. 21/2/2023

Deputy Engineer (TDO)  
 Thane Municipal Corporation  
 The City of Thane



सावधान  
 "मंजूर नकाशासुसार बांधकाम न करणे तसेच  
 नियमित निरीक्षण निव्वसनीयतः आराखडक या  
 एकाच ना. न. येथे सापेक्षतः घाला, आतापर्यंत  
 दाखिल केलेले नकाशा अंतिम मानले जाणार नाहीत  
 याबाबत नकाशासुसार १००% वाचताली जावनी  
 तसेच २ वर्षे वेळ नंतर १००% वरिष्ठ होईल असेल"

3-UP AREA CALCULATION OF REFUGE FLOOR  
 (7TH, 12TH, 17TH, 22ND, 27TH, 32ND, 37TH, 42ND, 47TH, &  
 52TH FLOOR) (BLDG. D6)

A	42.96 X 31.90	=	1370.42
TOTAL			
DEDUCTION			
1	1.34 X 1.50 X 2	=	4.02
2	1.65 X 3.78 X 2	=	12.47
3	1.95 X 0.65 X 2	=	2.54
4	5.50 X 3.72 X 2	=	26.04
5	3.94 X 1.61 X 0.50 X 2	=	6.34
6	3.84 X 1.79 X 0.50 X 2	=	7.05
7	0.90 X 5.35 X 2	=	3.21
8	6.70 X 2.80 X 0.50 X 2	=	19.43
9	5.80 X 3.70 X 2	=	42.92
10	0.30 X 1.83 X 2	=	1.10
11	1.65 X 1.39 X 2	=	4.31
12	1.50 X 1.15 X 2	=	3.38
13	0.45 X 0.58 X 2	=	0.52
14	1.91 X 0.83 X 0.50 X 2	=	1.59
15	1.65 X 0.35 X 2	=	1.16
16	2.00 X 0.87 X 0.50 X 2	=	1.74
17	4.92 X 2.17 X 0.50 X 2	=	10.89
18	0.76 X 1.57 X 2	=	2.38
19	0.82 X 2.40 X 2	=	3.92
20	5.39 X 2.15 X 0.50 X 2	=	11.59
21	5.39 X 2.48 X 0.50 X 2	=	13.37
22	1.84 X 0.70 X 2	=	2.58
23	3.77 X 1.63 X 0.50 X 2	=	6.15
24	0.98 X 3.23 X 2	=	6.33
25	11.36 X 1.35 X 2	=	30.88
26	10.81 X 0.34 X 2	=	7.35
27	8.52 X 0.49 X 2	=	8.41
28	4.75 X 0.38 X 2	=	3.61
29	2.40 X 0.19 X 2	=	0.92
30	3.02 X 8.83 X 2	=	53.28
31	5.02 X 2.17 X 0.50 X 2	=	10.89

32	2.40 X 1.43 X 2	=	3.43
33	4.31 X 1.99 X 0.50 X 2	=	8.58
34	4.30 X 2.75 X 2	=	11.87
35	2.51 X 3.05 X 2	=	7.66
35a	2.40 X 2.06 X 2	=	4.94
36	3.48 X 1.50 X 0.50 X 2	=	5.19
37	3.78 X 1.65 X 2	=	12.47
38	0.45 X 0.74 X 2	=	0.66
39	1.50 X 3.78 X 2	=	11.34
40	0.33 X 2.71 X 2	=	1.79
41	1.55 X 5.58 X 2	=	17.34
42	0.39 X 5.35 X 2	=	4.17
43	6.70 X 2.90 X 0.50 X 2	=	19.43
44	5.30 X 3.70 X 2	=	39.21
45	0.30 X 1.83 X 2	=	1.10
46	1.55 X 1.39 X 2	=	4.31
47	1.50 X 1.15 X 2	=	3.38
48	0.45 X 0.58 X 2	=	0.52
49	1.91 X 0.83 X 0.50 X 2	=	1.59
50	1.65 X 0.35 X 2	=	1.16
51	2.00 X 0.87 X 0.50 X 2	=	1.74
52	5.02 X 2.17 X 0.50 X 2	=	10.89
53	3.02 X 8.83 X 2	=	53.28
54	2.40 X 4.95 X 2	=	23.76
55	3.43 X 1.49 X 0.50 X 2	=	5.11
56	8.75 X 0.39 X 2	=	3.41
57	8.52 X 0.49 X 2	=	8.41
58	10.22 X 1.69 X 2	=	34.31
59	0.40 X 3.23 X 2	=	2.58
60	0.29 X 4.83 X 2	=	2.80
61	4.75 X 2.06 X 0.50 X 2	=	9.79
62	0.25 X 3.34 X 2	=	1.67
63	3.66 X 3.23 X 2	=	23.76
64	5.02 X 2.17 X 0.50 X 2	=	10.89
65	2.51 X 3.05 X 2	=	7.66
66	2.10 X 2.78 X 2	=	5.94
67	2.12 X 1.02 X 0.50 X 2	=	2.16

REFUGE AREA CALCULATION  
 (ON 7TH, 12TH, 17TH, 22ND, 27TH, 32ND,  
 37TH, 42ND, 47TH, & 52TH FLOOR)

ADDITIONAL

R1	3.32 X 4.41	=	14.64
R3	2.37 X 1.57	=	3.72
R4	3.97 X 3.45	=	13.70
R5	1.06 X 1.57	=	1.66
R6	0.46 X 1.80	=	0.83
R7	0.30 X 2.24	=	0.67
R8	1.55 X 2.14	=	3.33
R9	1.50 X 1.49	=	2.24
R10	0.44 X 1.50	=	0.66
R11	0.65 X 1.65	=	1.07
TOTAL DEDUCTION - (A)			
674.82			

DUCT AREA CALCULATION

V1	3.48 X 1.51 X 0.50 X 2	=	5.25
V2	0.25 X 1.12 X 2	=	0.56
V3	0.22 X 1.10 X 2	=	0.48
V5	1.15 X 1.00 X 0.50 X 2	=	1.16
TOTAL DUCT AREA - (B)			
7.45			

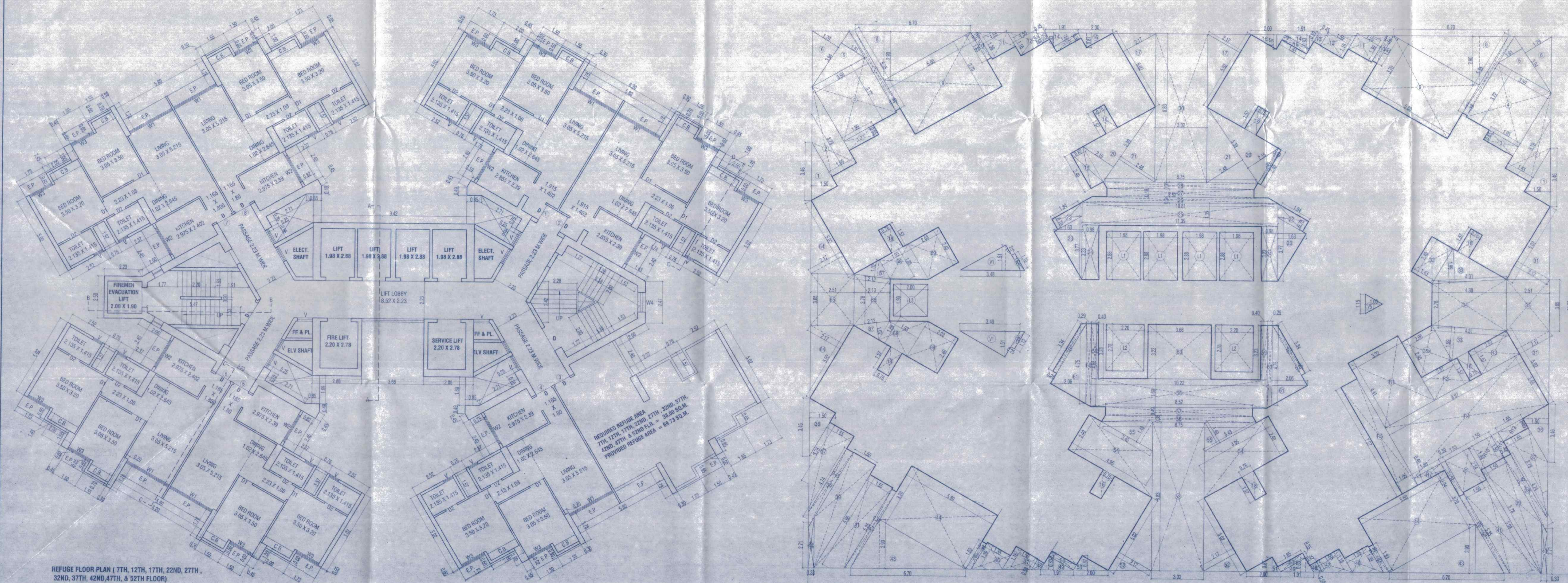
LIFT AREA CALCULATION

L1	1.98 X 2.88 X 4	=	22.81
L2	2.20 X 2.78 X 2	=	12.23
L3	2.00 X 1.90 X 2	=	7.60
TOTAL LIFT AREA - (C)			
42.64			

TOTAL PROPOSED BLUP AREA OF TYPICAL FLOOR  
 BLUP AREA AS PER POLYLINE = 650.20

REFUGE AREA STATEMENT ON 7TH, 12TH, 17TH, 22ND,  
 27TH, 32ND, 37TH, 42ND, 47TH, & 52ND FLOOR

FLOOR	=	BLUP
7TH (REFUGE FLOOR)	=	495.6
12TH FLOOR	=	650.20
17TH FLOOR	=	719.93
TOTAL (4+3+3)	=	1865.73
1310.13 (12.50)	=	109.61
PER PERSON 0.30 SQ.M.	=	33.00
110.00 (0.30 SQ.M.)	=	33.00
REQUIRED REFUGE AREA	=	69.73
PROPOSED REFUGE AREA	=	69.73
PERMISSIBLE 100% EXCESS REFUGE (53.00 X 2)	=	106.00
EXCESS REFUGE AREA	=	3.73



REFUGE FLOOR PLAN (7TH, 12TH, 17TH, 22ND, 27TH,  
 32ND, 37TH, 42ND, 47TH, & 52TH FLOOR)  
 (SCALE 1:100)

AREA LINE DIAGRAM (7TH, 12TH, 17TH, 22ND, 27TH, 32ND, 37TH, 42ND, 47TH, & 52ND FLOOR) (BLDG. D6)  
 (SCALE 1:100)

DOOR WINDOW SCHEDULE

TYPE	SIZE	DESCRIPTION
D	1.05 X 2.10	T.W. FRAMED WITH PANNELED DOOR
D1	0.90 X 2.10	T.W. FRAMED WITH PANNELED DOOR
D2	0.75 X 2.00	T.W. FRAMED WITH PANNELED DOOR
W1	2.00 X 1.50	T.W. FRAMED WITH GLAZE WINDOW
W2	1.85 X 1.50	T.W. FRAMED WITH GLAZE WINDOW
W3	1.50 X 1.50	T.W. FRAMED WITH GLAZE WINDOW
W4	1.15 X 1.50	T.W. FRAMED WITH GLAZE WINDOW
V	0.60 X 0.90	T.W. FRAMED WITH LOUVERS

DESCRIPTION OF PROPOSAL  
 PROPOSED RESIDENTIAL & COMMERCIAL DEVELOPMENT ON S.NO. 8, NO.163/5 TO 88/1, 163/5 TO 88/2, 163/8A/1, 163/8A/2, 165/1A, 165/2A, 166/6A, 166/7A, 166/8A, 166/9A/PT.1, 166/10A/1, 166/10A/2, 166/11A, 166/12A, 166/13A, 166/14A/1, 166/15A/1, 166/15A/2, 166/16A, 166/22A/1, 166/22A/2, 166/24A/1, 166/24A/2, 166/30A/1, 167/1, 167/2, 167/3/PT.1, OF VILLAGE - KAVESAR, TAL. - THANE, DIST. - THANE

NAME AND ADDRESS OF OWNER/ P.O.A.H.  
 FOR  
 M.S. ANILNE CONSTRUCTION CO. PVT. LTD.

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

ARCHITECT NAME AND ADDRESS  
  
 2ND FLOOR, NAKSHATRA, A WING,  
 NEAR TMC, ALMEIDA ROAD,  
 PANCHPAKHADI, THANE (W), 400 602  
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 E MAIL - saakaararchitects@yahoo.co.in

DRG. NO.	SCALE	DATE	DRAWN BY	CHECKED BY
C-856/2023M-03	AS SHOWN	04-06-2022	UDAYTUSHAR	SUNDH

SERVER: Saakar\2\Doc Drawings\PARTHOODS\1 MUNICIPAL B. CS\55\TMCOR. 0662\UDUPR\H 159.40.M2 BUILDING D5 D6.dwg