

P.LINE AREA CALCULATION WING -A

7TH & 12TH FLOOR PLAN (REFUGE FL.)				
WING -A	16.00	X	22.45	X 1NO = 359.20 SQ.MT. X
DEDUCTIONS				
1	0.95	X	5.05	X 1NO = 2.78 SQ.MT.
2	2.15	X	2.75	X 1NO = 5.91 SQ.MT.
3	1.35	X	5.65	X 1NO = 7.63 SQ.MT.
4	1.00	X	3.05	X 1NO = 3.05 SQ.MT.
5	0.60	X	2.90	X 2NOS = 3.48 SQ.MT.
6	1.40	X	0.75	X 2NOS = 2.10 SQ.MT.
7	4.40	X	2.75	X 1NO = 12.10 SQ.MT.
8	0.75	X	0.30	X 2NOS = 0.45 SQ.MT.
9	1.00	X	5.50	X 1NO = 5.50 SQ.MT.
10	2.20	X	5.20	X 1NO = 11.44 SQ.MT.
11	0.55	X	3.05	X 1NO = 1.68 SQ.MT.
12	1.25	X	2.75	X 1NO = 3.44 SQ.MT.
13	1.35	X	2.00	X 1NO = 2.70 SQ.MT.
14	1.50	X	1.55	X 1NO = 2.33 SQ.MT.
15	2.25	X	0.60	X 1NO = 1.35 SQ.MT.
16	3.20	X	4.30	X 1NO = 13.76 SQ.MT.
17	1.00	X	3.45	X 1NO = 3.45 SQ.MT.
18	1.35	X	1.50	X 1NO = 2.03 SQ.MT.
19	1.35	X	2.30	X 1NO = 3.11 SQ.MT.
A1	3.65	X	2.15	X 1NO = 7.85 SQ.MT.
A2	5.00	X	2.40	X 1NO = 12.00 SQ.MT.
A3	4.20	X	0.65	X 1NO = 2.73 SQ.MT.
A4	0.95	X	2.15	X 1NO = 2.04 SQ.MT.
A5	3.80	X	1.35	X 1NO = 5.13 SQ.MT.
A6	3.80	X	5.80	X 1NO = 22.04 SQ.MT.
A7	0.70	X	3.05	X 1NO = 2.14 SQ.MT.
L1	2.60	X	2.30	X 1NO = 5.98 SQ.MT.
L2	2.15	X	2.30	X 1NO = 4.95 SQ.MT.
TOTAL DEDUCTION = 153.15 SQ.MT. Y1				
TOTAL BUILT UP AREA [X - Y1] 359.20-153.15 = 206.05 SQ.MT. X1				

P.LINE AREA CALCULATION WING -B

7TH & 12TH FLOOR PLAN (REFUGE FL.)				
WING -B	32.66	X	22.09	X 1NO = 721.46 SQ.MT. X
DEDUCTIONS				
1	2.25	X	0.60	X 1NO = 1.35 SQ.MT.
20	15.90	X	7.04	X 1NO = 111.94 SQ.MT.
21	5.65	X	1.60	X 1NO = 9.04 SQ.MT.
22	0.72	X	9.34	X 1NO = 6.72 SQ.MT.
23	1/2 X	9.34	X 2.30	X 1NO = 10.74 SQ.MT.
24	1/2 X	2.75	X 1.25	X 1NO = 1.72 SQ.MT.
25	1/2 X	2.75	X 0.80	X 1NO = 1.10 SQ.MT.
26	1.60	X	2.90	X 1NO = 4.64 SQ.MT.
27	1/2 X	13.80	X 3.30	X 1NO = 22.77 SQ.MT.
28	5.55	X	1.65	X 1NO = 9.16 SQ.MT.
29	4.20	X	1.95	X 1NO = 8.19 SQ.MT.
30	3.20	X	0.85	X 1NO = 2.72 SQ.MT.
31	1.50	X	1.70	X 1NO = 2.55 SQ.MT.
32	1.35	X	2.15	X 1NO = 2.90 SQ.MT.
33	1/2 X	2.90	X 0.70	X 1NO = 1.02 SQ.MT.
34	1/2 X	15.80	X 3.75	X 1NO = 29.63 SQ.MT.
35	1.10	X	2.90	X 1NO = 3.19 SQ.MT.
36	0.55	X	5.35	X 1NO = 2.94 SQ.MT.
37	1.65	X	2.90	X 1NO = 4.79 SQ.MT.
38	1.00	X	2.45	X 1NO = 2.45 SQ.MT.
39	1/2 X	4.15	X 2.00	X 1NO = 4.15 SQ.MT.
40	1/2 X	4.15	X 2.05	X 1NO = 4.25 SQ.MT.
41	2.90	X	0.75	X 2NOS = 4.35 SQ.MT.
42	1.20	X	2.20	X 1NO = 2.64 SQ.MT.
43	2.90	X	1.65	X 1NO = 4.79 SQ.MT.
44	2.45	X	1.35	X 1NO = 3.31 SQ.MT.
45	2.75	X	1.80	X 1NO = 4.95 SQ.MT.
46	16.20	X	0.15	X 1NO = 2.43 SQ.MT.
47	1.50	X	7.70	X 1NO = 11.55 SQ.MT.
48	1.95	X	5.00	X 1NO = 9.75 SQ.MT.
49	1.45	X	3.00	X 1NO = 4.35 SQ.MT.
50	1.70	X	1.50	X 1NO = 2.55 SQ.MT.
51	2.30	X	0.75	X 1NO = 1.73 SQ.MT.
52A	4.70	X	2.15	X 1NO = 10.11 SQ.MT.
52B	1.45	X	0.90	X 1NO = 1.31 SQ.MT.
52C	1.95	X	1.70	X 1NO = 3.32 SQ.MT.
52D	1.50	X	2.95	X 1NO = 4.43 SQ.MT.
B1	2.90	X	0.95	X 1NO = 2.76 SQ.MT.
B2	2.85	X	2.15	X 1NO = 6.13 SQ.MT.
B3	4.20	X	2.30	X 1NO = 9.66 SQ.MT.
B4	2.30	X	0.15	X 1NO = 0.35 SQ.MT.
B5	5.00	X	4.40	X 1NO = 22.00 SQ.MT.
B6	1.65	X	3.05	X 1NO = 5.03 SQ.MT.
B7	3.35	X	2.30	X 1NO = 7.71 SQ.MT.
B8	1.10	X	0.15	X 1NO = 0.17 SQ.MT.
L3	2.60	X	2.15	X 1NO = 5.59 SQ.MT.
L4	2.15	X	1.95	X 1NO = 4.19 SQ.MT.
TOTAL DEDUCTION = 383.12 SQ.MT. Y1				
TOTAL BUILT UP AREA [X - Y1] (721.46 - 383.12) = 338.34 SQ.MT. X1				

P.LINE AREA CALCULATION WING -C

7TH & 12TH FLOOR PLAN (REFUGE FL.)				
WING -C	30.55	X	16.00	X 1NO = 488.80 SQ.MT. X
DEDUCTIONS				
1	1.70	X	1.50	X 1NO = 2.55 SQ.MT.
53	2.90	X	0.60	X 2NOS = 3.48 SQ.MT.
54	5.35	X	1.00	X 1NO = 5.35 SQ.MT.
55	5.20	X	0.65	X 2NOS = 6.76 SQ.MT.
56	2.75	X	2.25	X 3NOS = 18.56 SQ.MT.
57	3.35	X	1.45	X 1NO = 4.86 SQ.MT.
58	1.65	X	1.35	X 1NO = 2.23 SQ.MT.
59	3.60	X	1.00	X 1NO = 3.60 SQ.MT.
60	0.60	X	2.25	X 1NO = 1.35 SQ.MT.
61	2.30	X	3.20	X 1NO = 7.36 SQ.MT.
62	2.15	X	4.55	X 1NO = 9.78 SQ.MT.
63	5.95	X	0.45	X 1NO = 2.68 SQ.MT.
64	2.90	X	2.10	X 1NO = 6.09 SQ.MT.
65	2.45	X	1.50	X 1NO = 3.68 SQ.MT.
66	7.65	X	0.65	X 1NO = 4.97 SQ.MT.
67	2.90	X	1.00	X 1NO = 2.90 SQ.MT.
68	0.75	X	1.40	X 2NOS = 2.10 SQ.MT.
69	0.30	X	0.75	X 2NOS = 0.45 SQ.MT.
70	2.75	X	4.40	X 1NO = 12.10 SQ.MT.
71	1.50	X	2.95	X 1NO = 4.43 SQ.MT.
72A	1.95	X	1.70	X 1NO = 3.32 SQ.MT.
72B	1.95	X	1.60	X 1NO = 3.12 SQ.MT.
73A	1.45	X	0.90	X 1NO = 1.31 SQ.MT.
74	3.95	X	2.95	X 1NO = 11.65 SQ.MT.
C1	2.45	X	3.50	X 1NO = 8.58 SQ.MT.
C2	2.90	X	3.15	X 1NO = 9.14 SQ.MT.
C3	3.05	X	1.65	X 1NO = 5.03 SQ.MT.
C4	5.95	X	0.75	X 1NO = 4.46 SQ.MT.
C5	3.05	X	5.80	X 1NO = 17.69 SQ.MT.
C6	2.15	X	5.20	X 1NO = 11.18 SQ.MT.
C7	0.75	X	3.80	X 1NO = 2.85 SQ.MT.
L5	2.30	X	2.60	X 1NO = 5.98 SQ.MT.
L6	2.15	X	1.95	X 1NO = 4.19 SQ.MT.
TOTAL DEDUCTION = 194.65 SQ.MT. Y1				
TOTAL BUILT UP AREA [X - Y1] (488.80-194.65) = 294.15 SQ.MT. X1				

REFUGE AREA CALCULATION

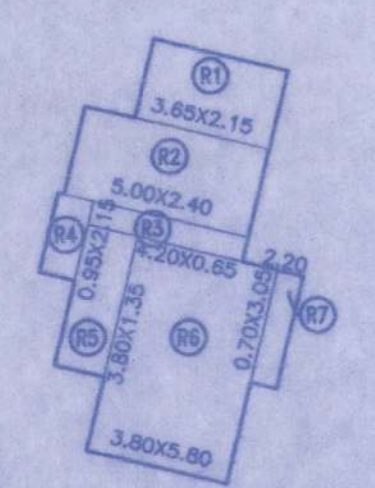
7TH , 12TH				
WING -A				
R1	3.65	X	2.15	X 1 = 7.85 SQMT
R2	5.00	X	2.40	X 1 = 12.00 SQMT
R3	4.20	X	0.65	X 1 = 2.73 SQMT
R4	0.95	X	2.15	X 1 = 2.04 SQMT
R5	3.80	X	1.35	X 1 = 5.13 SQMT
R6	3.80	X	5.80	X 1 = 22.04 SQMT
R7	0.70	X	3.05	X 1 = 2.14 SQMT
TOTAL REFUGE = 53.93 SQMT				
TOTAL REFUGE AREA 7TH & 12TH FL. (53.93X2) = 107.86 SQMT				
(A) AS PER NO. OF TENEMENT				
(5 PER. X 4 FLATS X 8 FLR.) = 160 PERSONS				
8TH,9TH,10TH,11TH,12TH,14TH,15TH & 16TH FL.				
(5 PER. X 3 FLATS X 2 FLR.) = 30 PERSONS				
7TH & 12TH FL.				
REFUGE AREA (190X0.30 sqm./person) = 57.00 SQ.MT.				
REQUIRED REFUGE FOR 2 FLOORS = 57.00 SQ.MT. (7TH&12TH FL.)				
PROVIDED REFUGE FOR 2 FLOORS = 107.86 SQ.MT.				

REFUGE AREA CALCULATION

7TH , 12TH				
WING -B				
R8	0.95	X	2.90	X 1 = 2.76 SQMT
R9	2.85	X	2.15	X 1 = 6.13 SQMT
R10	4.20	X	2.30	X 1 = 9.66 SQMT
R11	2.30	X	0.15	X 1 = 0.35 SQMT
R12	5.00	X	4.40	X 1 = 22.00 SQMT
R13	1.65	X	3.05	X 1 = 5.03 SQMT
R14	3.35	X	2.30	X 1 = 7.71 SQMT
R15	1.10	X	0.15	X 1 = 0.17 SQMT
TOTAL REFUGE = 53.81 SQMT				
TOTAL REFUGE AREA 7TH & 12TH FL. (53.81X2) = 107.62 SQMT				
(B) AS PER NO. OF TENEMENT				
(5 PER. X 7 FLATS X 8 FLR.) = 280 PERSONS				
8TH,9TH,10TH,11TH,13TH,14TH,15TH & 16TH FL.				
(5 PER. X 6 FLATS X 2 FLR.) = 60 PERSONS				
7TH & 12TH FL.				
REFUGE AREA (340X0.30 sqm./person) = 102.00 SQ.MT.				
REQUIRED REFUGE FOR 2 FLOORS = 102.00 SQ.MT. (7TH&12TH FL.)				
PROVIDED REFUGE FOR 2 FLOORS = 107.62 SQ.MT.				

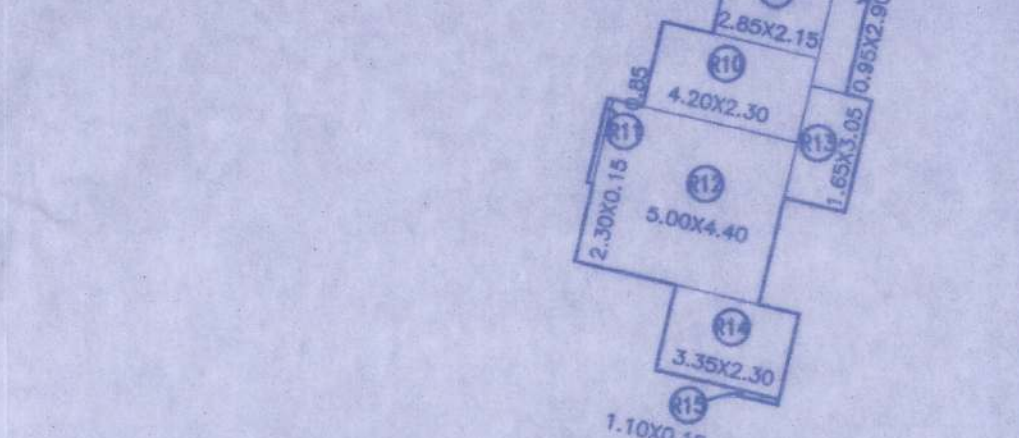
REFUGE AREA CALCULATION

7TH , 12TH				
WING -C				
R15	2.45	X	3.50	X 1 = 8.58 SQMT
R16	2.90	X	3.15	X 1 = 9.14 SQMT
R17	3.05	X	1.65	X 1 = 5.03 SQMT
R18	5.95	X	0.75	X 1 = 4.46 SQMT
R19	3.05	X	5.80	X 1 = 17.69 SQMT
R20	2.15	X	5.20	X 1 = 11.18 SQMT
R21	0.75	X	3.80	X 1 = 2.85 SQMT
TOTAL REFUGE = 58.93 SQMT				
TOTAL REFUGE AREA 7TH & 12TH FL. (58.93X2) = 117.86 SQMT				
(A) AS PER NO. OF TENEMENT				
(5 PER. X 7 FLATS X 8 FLR.) = 280 PERSONS				
(5 PER. X 6 FLATS X 2 FLR.) = 60 PERSONS				
(5 PER. X 4 FLATS X 1 FLR.) = 20 PERSONS				
7TH & 12TH FL.				
REFUGE AREA (360X0.30 sqm./person) = 108.00 SQ.MT.				
REQUIRED REFUGE FOR 2 FLOORS = 108.00 SQ.MT. (7TH&12TH FL.)				
PROVIDED REFUGE FOR 2 FLOORS = 117.86 SQ.MT.				



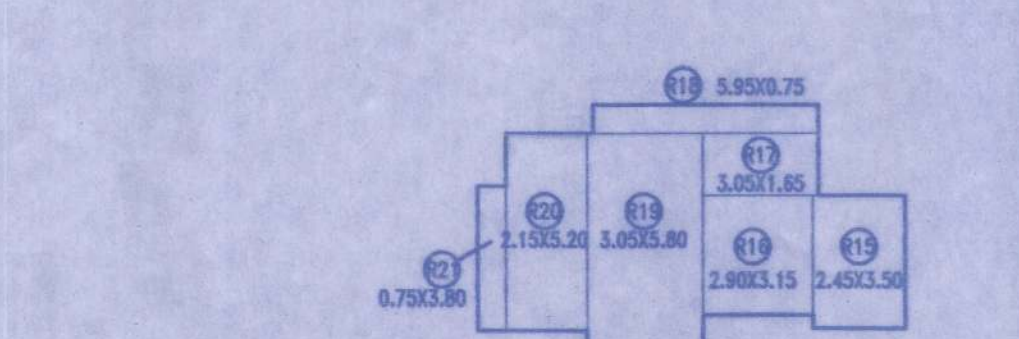
REFUGE AREA DIAGRAM (WING-A)

7TH & 12TH FLOOR PLAN (REFUGE FL.)



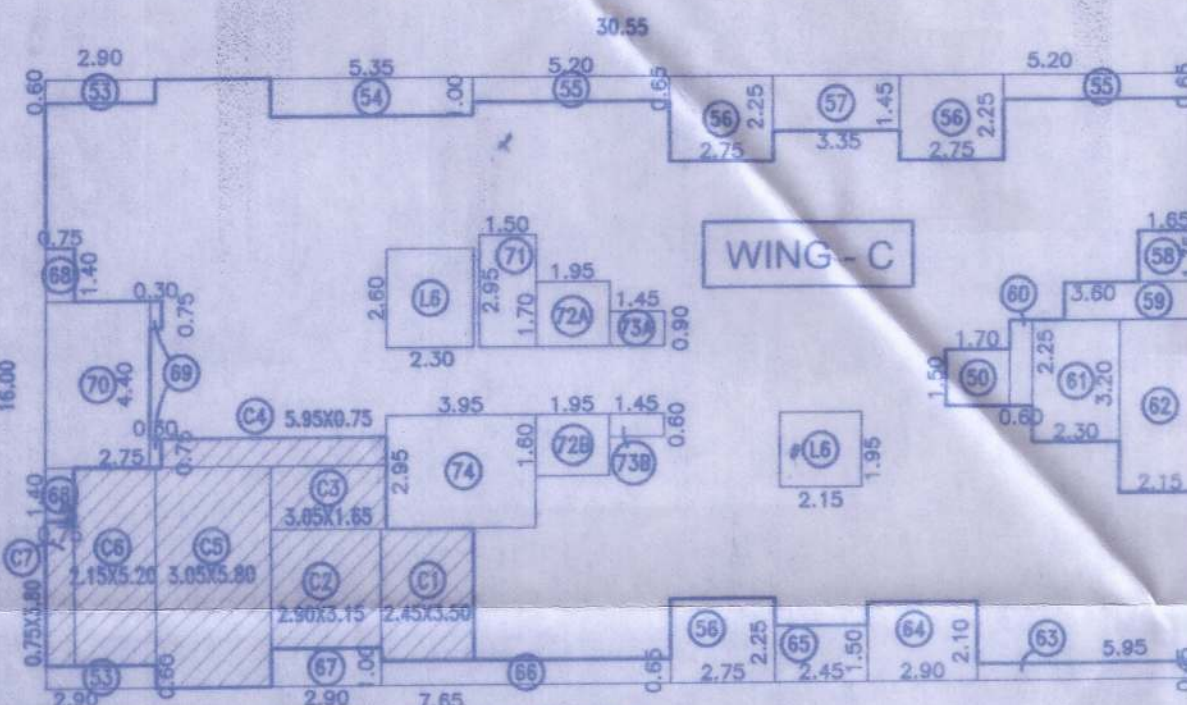
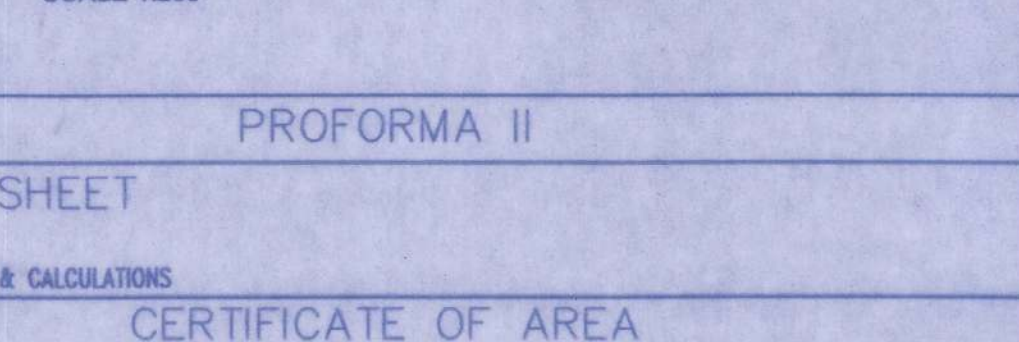
REFUGE AREA DIAGRAM (WING-B)

7TH & 12TH FLOOR PLAN (REFUGE FL.)

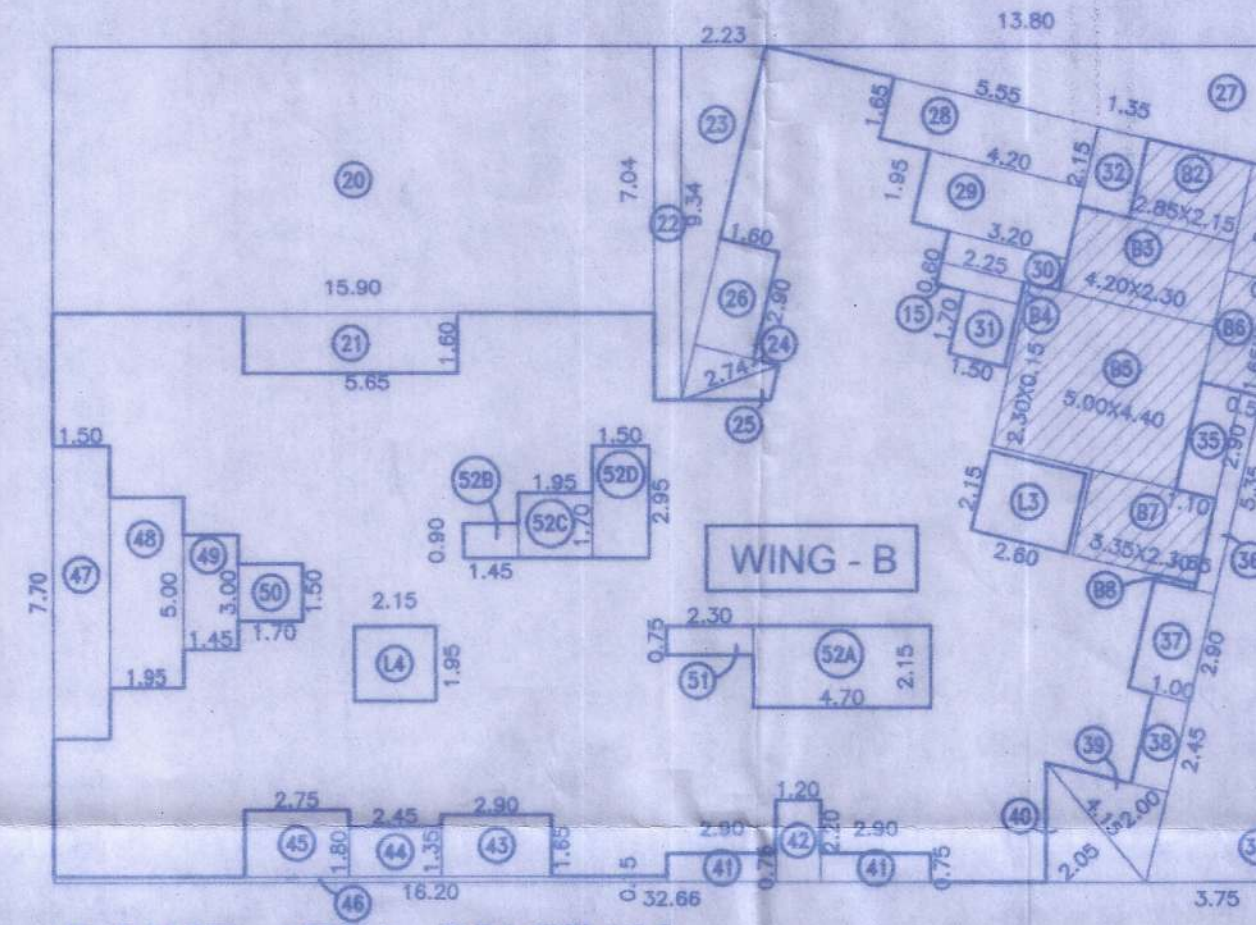


REFUGE AREA DIAGRAM (WING-C)

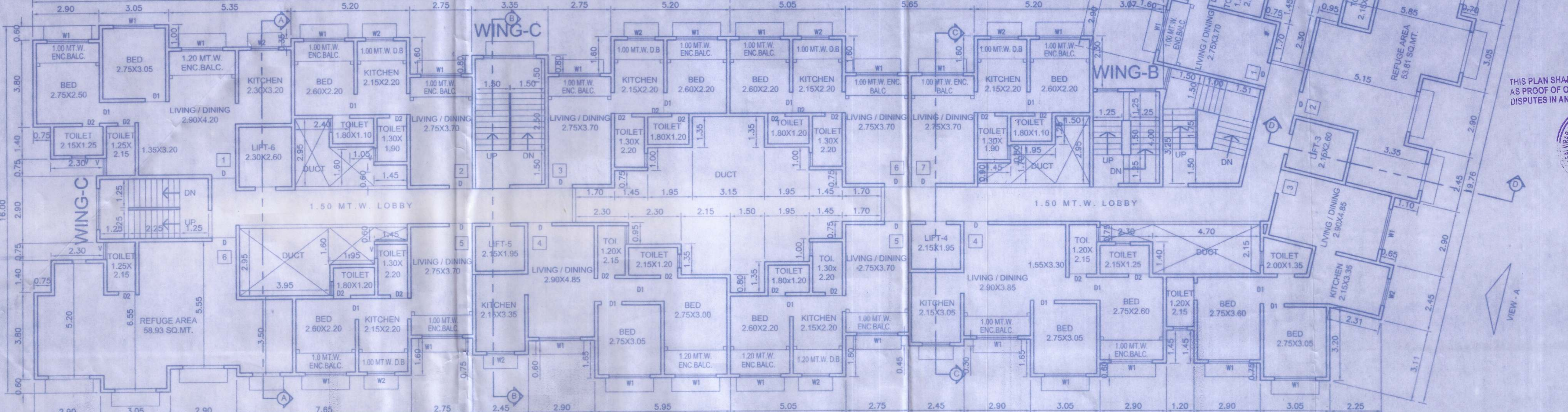
7TH & 12TH FLOOR PLAN (REFUGE FL.)



P.LINE AREA DIAGRAM 7TH & 12TH FLOOR PLAN (REFUGE FL.) SCALE 1:200



P.LINE AREA DIAGRAM 7TH & 12TH FLOOR PLAN (REFUGE FL.) SCALE 1:200 18.97



TYPICAL FLOOR PLAN 7TH & 12TH FLOOR PLAN (REFUGE FL.) SCALE 1:100

PROFORMA II

CONTENTS OF SHEET

REFUGE FLOOR PLAN, DIAGRAMS & CALCULATIONS

CERTIFICATE OF AREA

CERTIFICATE THAT THE PLOT UNDER REFERENCE WAS SURVEYED BY ME ON 25/08/2019 AND THE DIMENSIONS OF THE SITE ETC. OF THE PLOT STATED ON THE PLANS ARE AS MEASURED ON SITE AND THE AREA SO WORKED OUT TALLIES WITH THE AREA STATED IN THE DOCUMENTS OF OWNERSHIP.

Signature of Registered Engineer

CERTIFIED THAT THE BUILDING PLANS SUBMITTED FOR APPROVAL SATISFY THE SAFETY REQUIREMENTS FOR STRUCTURES BEING CONSTRUCTED IN SEISMIC ZONE-II IS CORRECT TO THE BEST OF OUR KNOWLEDGE AND UNDERSTANDING. IT IS ALSO CERTIFIED THAT THE STRUCTURAL DESIGN INCLUDING SAFETY FROM NATURAL HAZARDS HAS BEEN PREPARED BY DULY QUALIFIED STRUCTURAL ENGINEER AT LEAST B.E.(CIVIL) OR EQUIVALENT

Signature of Registered Engineer

STAMP OF DATE OF RECEIPT OF PLANS

Stamp of VPMCC, Virar

Stamp of APPROVAL OF PLANS

Approved as amended in... Subject to the Conditions mentioned in this office letter No. VPMCC/TP/IC/VP/... 322... 2022-23. Dated: 20/10/2022

COMMISSIONER VASAI-VIRAR CITY MUNICIPAL CORPORATION Virar (East), Pin No. 401 305, Dist. Palghar.

Deputy Director, VPMCC, Virar.

DESCRIPTION

DATE

SIGNATURE

PROPOSED RESIDENTIAL BUILDING WITH SHOPLINE ON LAND BEARING S.NO.23A H.NO.1,2,3; S.NO.23B VILLAGE-UMELE, TAL-VASAI, DIST-PALGHAR.

NAME OF OWNER/APPLICANT

SIGNATURE OF APPLICANT

M/S. RUBY LIFESPACES THROUGH PARTNER

M/S. RUBY STRUCTURES PVT.LTD.-DIRECTOR

M. JUDE S. PEREIRA

JOB NO. V P -6061

FILE NO-2038

DRAWING NO.

NORTH LINE

DATE 24-05-22

SCALE AS SHOWN

DRAWN BY DINESH

CHECKED BY

EN-CON Architectural & Structural Works Project Consultants

G 78 TD WING, SETHI PALACE AMBADI ROAD, VASAI ROAD (WEST), 401 202

PHONE: 0220-336318, 333404

E-mail: encon4@gmail.com

133/6/PROJ/VASAI VIRAR/ADD PEREIRA/AMELE/FINAL/16.05.22/UMELE PLANS