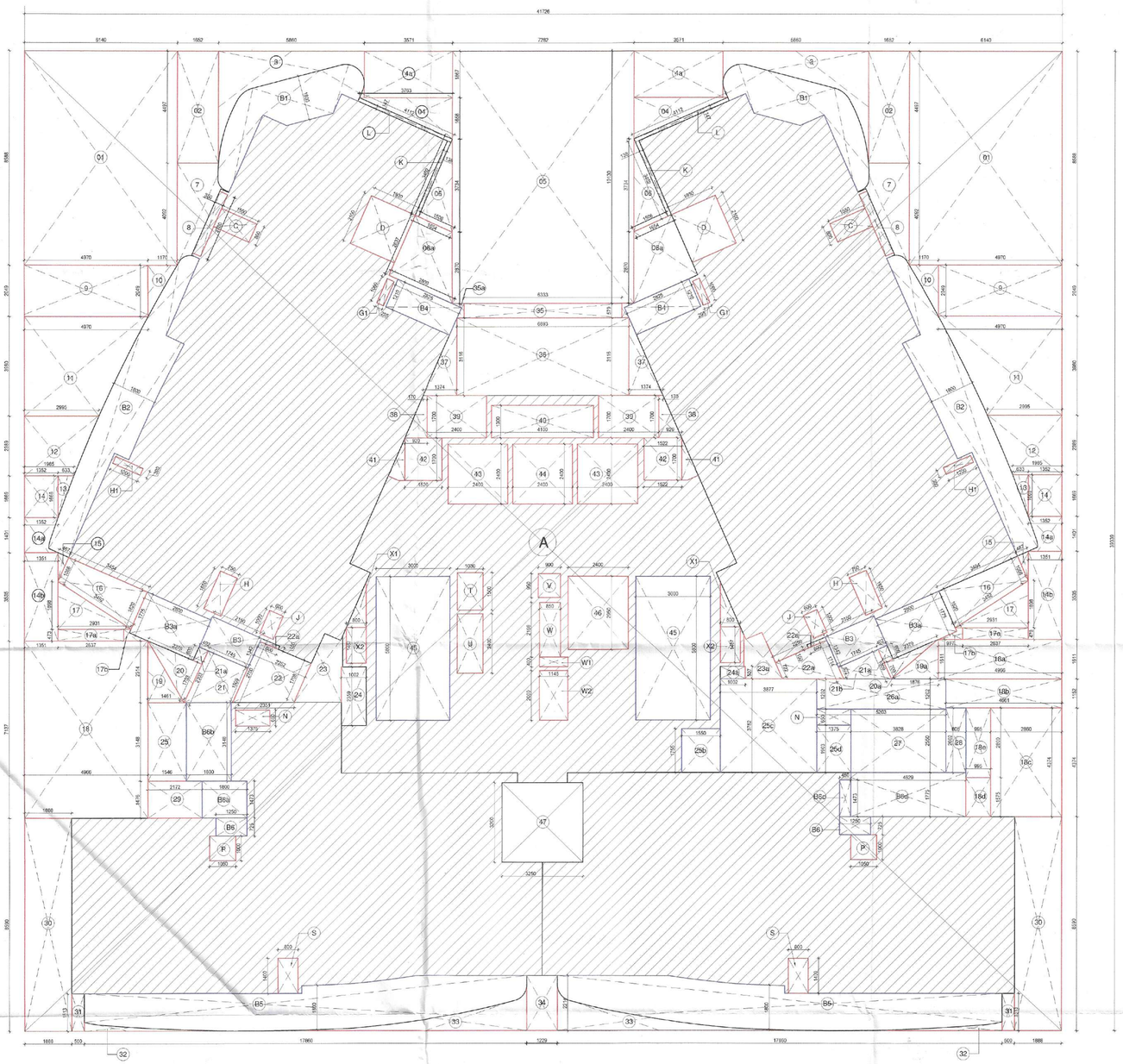


1 REFUGE FLOOR AREA DIAGRAM

Scale: 1:100

AT 14th & 22nd FLOOR LEVEL

REFUGE FLOOR LEVELS

Floors	Levels (MTS.)
14th floor level	+ 62. 2
22nd floor level	+ 91.0

	Refuge area Calculation		
S. No	Floor	Area in Sq. mt./ NOS.	
1	GROSS area of 1 Floor	802.60	Sq. mtr.
2	GROSS area of 2 Floors (800.21 x 2)	1605.20	Sq. mtr.
3	Total GROSS area	1605.20	Sq. mtr.
4	Total Occupancy (1 person every 12.5 sq. m as per NBC 2016)	128.42	Nos.
5	Refuge area required Per Personas per NBC 2016 (128.03 x 0.3)	38.52	Sq. mtr.
6	Wheel Chair Space (0.9 sq. mtr. as per NBC 2016) 38.41+0.90)	39.42	Sq. mtr.
7	Total Refuge area Required	39.42	Sq. mtr.
8	Total Refuge area Proposed	40	Sq. mtr.

REFUGE FLOOR - FAR AREA CALCULATION

TYPE	QUANTITY	SHAPE	FORMULA	DETAIL		CALCULATION EACH AREA IN SQ.M
OUTLINE AREA						
A	1	RECTANGLE	L x B	41.726	39.339	1641.459
TOTAL OUTLINE AREA						**1641.459**
NON FAR AREA						
B1	2	AS/PLAN		10.637		21.274
B2	2	AS/PLAN		16.955		33.910
B3a	2	RECTANGLE	L x B	2.800	1.775	9.940
B3	2	RECTANGLE	L x B	1.342	2.150	5.771
B4	2	RECTANGLE	L x B	2.825	1.210	6.837
B5	2	AS/PLAN		27.144		54.288
B6	2	RECTANGLE	L x B	1.250	0.725	1.813
B6a	1	RECTANGLE	L x B	1.800	1.473	2.651
B6b	1	RECTANGLE	L x B	1.800	3.148	5.666
B6c	1	RECTANGLE	L x B	0.450	1.473	0.663
B6d	1	RECTANGLE	L x B	4.629	1.775	8.216
25b	1	RECTANGLE	L x B	1.550	1.755	2.720
25c	1	RECTANGLE	L x B	3.877	3.752	14.547
25d	1	RECTANGLE	L x B	1.375	1.903	2.617
26a	1	RECTANGLE	L x B	5.203	1.202	6.254
27	1	RECTANGLE	L x B	3.828	2.550	9.761
28	1	RECTANGLE	L x B	0.805	2.602	2.095
45	2	RECTANGLE	L x B	3.000	5.800	34.800
TOTAL NON FAR AREA						**223.822**
CUTOUT'S AREA (NON FAR)						
01	2	RECTANGLE	L x B	6.140	8.588	105.461
02	2	RECTANGLE	L x B	1.652	4.497	14.858
03	2	AS/PLAN		7.460		14.920
04	2	TRIANGLE	1/2 x B x H	3.763	1.658	6.239
04a	2	RECTANGLE	L x B	3.571	1.867	13.334
05	1	RECTANGLE	L x B	7.282	10.130	73.767
06	2	TRIANGLE	1/2 x B x H	1.506	3.402	5.123
06a	2	AS/PLAN		5.869		11.738
07	2	AS/PLAN		4.89		9.780
08	2	RECTANGLE	L x B	0.350	2.700	1.890
09	2	RECTANGLE	L x B	4.970	2.049	20.367
10	2	AS/PLAN		1.18		2.360
11	2	AS/PLAN		15.727		31.454
12	2	AS/PLAN		5.92		11.840
13	2	TRIANGLE	1/2 x B x H	0.633	1.668	1.056
14	2	RECTANGLE	L x B	1.352	1.669	4.513
14a	2	AS/PLAN		1.599		3.198
14b	2	RECTANGLE	L x B	1.351	3.535	9.552
15	2	TRIANGLE	1/2 x B x H	0.467	1.066	0.498
16	2	TRAPEZIUM	(B1+B2)/2 x H	1.343	3.454	9.277
17	2	TRIANGLE	1/2 x B x H	2.931	1.898	5.563
17a	2	RECTANGLE	L x B	2.637	0.473	2.495
17b	2	AS/PLAN		0.240		0.480
18	1	RECTANGLE	L x B	4.966	7.137	35.442
18a	1	RECTANGLE	L x B	4.966	1.611	8.000
18b	1	RECTANGLE	L x B	4.661	1.152	5.369
18c	1	RECTANGLE	L x B	2.860	4.374	12.510
18d	1	RECTANGLE	L x B	0.995	1.575	1.567
18e	1	RECTANGLE	L x B	0.995	2.800	2.786
19	1	TRIANGLE	1/2 x B x H	1.461	2.514	1.836
19a	1	TRIANGLE	1/2 x B x H	1.876	1.611	1.511
20	1	TRIANGLE	1/2 x B x H	1.703	2.379	2.026
20a	1	TRIANGLE	1/2 x B x H	0.709	2.379	0.843
21a	2	RECTANGLE	L x B	0.402	0.600	0.482
21b	1	TRAPEZIUM	(B1+B2)/2 x H	0.9155	1.745	1.598
22	1	AS/PLAN		4.96		4.960
22a	1	TRAPEZIUM	(B1+B2)/2 x H	1.218	2.250	2.741
23	1	AS/PLAN		3.55		3.550
23a	1	AS/PLAN		2.02		2.020
24	1	RECTANGLE	L x B	1.002	2.359	2.364
24a	1	RECTANGLE	L x B	1.002	0.507	0.508
25	1	RECTANGLE	L x B	1.546	3.148	4.867
29	1	RECTANGLE	L x B	2.172	1.476	3.206
30	2	RECTANGLE	L x B	1.888	8.590	32.436
31	2	RECTANGLE	L x B	0.500	1.513	1.513
32	2	AS/PLAN		0.648		1.296
33	2	AS/PLAN		4.456		8.912
34	1	RECTANGLE	L x B	1.229	2.214	2.721
35	1	RECTANGLE	L x B	6.333	0.579	3.667
35a	2	AS/PLAN		0.127		0.254
36	1	RECTANGLE	L x B	6.898	3.116	21.494
37	2	TRIANGLE	1/2 x B x H	1.374	3.116	4.281
38	2	TRAPEZIUM	(B1+B2)/2 x H	0.545	1.700	1.853
39	2	RECTANGLE	L x B	2.400	1.700	8.160
40	1	RECTANGLE	L x B	4.100	1.300	5.330
41	2	AS/PLAN		0.589		1.178
42	2	RECTANGLE	L x B	1.520	1.700	5.168
43	2	RECTANGLE	L x B	2.400	2.400	11.520
44	1	RECTANGLE	L x B	2.400	2.400	5.760
46	1	RECTANGLE	L x B	2.400	2.950	7.080
47	1	RECTANGLE	L x B	3.250	3.200	10.400
C	2	RECTANGLE	L x B	1.550	0.800	2.480
D	2	RECTANGLE	L x B	2.100	1.930	8.106
G1	2	RECTANGLE	L x B	0.295	1.060	0.625
H	2	RECTANGLE	L x B	0.750	1.650	2.475
H1	2	RECTANGLE	L x B	1.200	0.300	0.720
J	2	RECTANGLE	L x B	0.600	1.000	1.200
K	2	RECTANGLE	L x B	0.138	3.249	0.897
L	2	RECTANGLE	L x B	0.147	4.112	1.209
N	2	RECTANGLE	L x B	1.375	0.650	1.788
P	2	RECTANGLE	L x B	1.050	1.000	2.100
S	2	RECTANGLE	L x B	0.800	1.400	2.240
T	1	RECTANGLE	L x B	1.030	1.500	1.545
U	1	RECTANGLE	L x B	1.030	2.400	2.472
V	1	RECTANGLE	L x B	0.900	0.950	0.855
W	1	RECTANGLE	L x B	0.850	2.198	1.868
W1	1	RECTANGLE	L x B	1.145	0.400	0.458
W2	1	RECTANGLE	L x B	1.145	2.000	2.290
X1	2	AS/PLAN		0.725		1.450
X2	2	RECTANGLE	L x B	0.800	1.467	2.347

TOTAL CUTOUT'S AREA	628.097
TOTAL BUILT UP AREA = TOTAL FAR AREA+NON FAR AREA	1013.362
FAR AREA = TOTAL OUTLINE AREA - (TOTAL NON FAR AREA+TOTAL CUTOUT'S AREA)	789.540

Sign & Stamp

This is a "PROVISIONAL BUILDING PLAN" approved only for the purpose of inviting objections from the general public

S.T.P. (HQ) Under Secretary B.P.A.C. | S.T.P. (G) Member B.P.A.C. | C.T.P. (Hr.) Chairman B.P.A.C.

DTP (HQ) ATP(HQ)

AD PA ATP

Ram Avtar Bassi JD(HQ)

DD (HQ) Member BPAC

PROJECT NAME & ADDRESS

PROPOSED GROUP HOUSING DEVELOPMENT AT RAMPRASTHA BUILDTECH PVT. LTD. AND OTHERS ETC. COLLABORATE WITH S.A. INFRACON PVT. LTD. SECTOR - 37 D, AREA - 2.303 ACRE

CLIENT NAME & ADDRESS

M/S RAMPRASTHA PROMOTERS & DEVELOPERS PVT. LTD., 114, SECTOR-44, GURUGRAM HARYANA- 122002

ARCHITECT'S SIGN & STAMP | CLIENT'S SIGN & STAMP

MANISH KUMAR CA/20[illegible]/027

DRAWING TITLE

REFUGE LEVEL AREA DIAGRAM AT 14 th & 22nd Floor level

SCALE	DRAWING NO.	NORTH
1:100 ON A1	010.1	
DATE 04.06.2024		