BUILDING - 23
(STILT FLOOR + 1ST TO 23RD FLOOR)

21
32

CONTENTS OF SHEET

TYPICAL FLOOR PLAN, REFUGE FLOOR PLAN, TERRACE FLOOR PLAN, AREA DIAGRAM & AREA CALCULATIONS, ETC.

STAMP OF APPROVAL OF PLAN

PLANS APPROVED (32 NOS OF DRAWINGS) WHICH ARE TO BE READ ALONG WITH COMMENCEMENT CERTIFICATE / AMENDED COMMENCEMENT CERTIFICATE ISSUED UPTO PLINTH LEVEL BEARING NO.SO\127 VILLAGE SHIVALI, TALUKA KALYAN, DIST. THANE (ORIGINAL) 51 DATED 16/1/2020 SUBJECT TO THE CONDITIONS MENTIONED THEREIN

16 JAN 2020

Planning Division
MMRDA

SCHEDULE OF DOOR & WINDOW

SNO.	TYPE DOOR & WINDOW	OPENING SIZE	DESCRIPTION
1	D	1.00 x 2.25	SINGLE SHUTTER FIRE RATED FLUSH DOOR
2	D1	1.05 x 2.25	SINGLE SHUTTER FIRE RATED FLUSH DOOR
3	D2	0.90 x 2.25	SINGLE SHUTTER FLUSH DOOR
4	D3	0.75 x 2.25	SINGLE SHUTTER FLUSH DOOR
5	W1	2.09 x 1.30	3 PANEL SLIDING ALLUMINIUM WINDOW
6	W2	1.50 x 1.30	2 PANEL SLIDING ALLUMINIUM WINDOW
7	W3	0.95 x 1.30	2 PANEL SLIDING ALLUMINIUM WINDOW
8	W4	0.60 x 1.30	1 PANEL SLIDING ALLUMINIUM WINDOW
9	W5a	0.92 x 2.00	2 PANEL SLIDING ALLUMINIUM WINDOW
10	W6	1.20 x 1.30	2 PANEL SLIDING ALLUMINIUM WINDOW
11	D4	2.09 x 2.25	3 PANEL SLIDING ALLUMINIUM DOOR
12	V	0.60 x 1.05	LOUVERED VENTILATOR
13	V1	1.03 x 1.05	LOUVERED VENTILATOR

DESCRIPTION OF PROPOSAL

PROPOSED **INTEGRATED TOWNSHIP PROJECT ON** -PLOT BEARING VILLAGE SAGAON BEARING S.NO. 97/1, VILLAGE - GHARIVALI BEARING S.NO. 4/1, 4/2, 4/3, 4/4, 4/5, 4/6, 4/10, 4/11, 5/1, 5/2, 5/3, 5/4, 5/5, 5/6, 6/1, 6/2, 6/3, 7/1, 7/2/A, 7/2/B, 7/2/C, 7/3/A, 7/3/B,8/1, 8/2, 8/3, 8/4, 8/5, 8/6, 8/7, 8/8, 8/9, 9/1, 9/2, 9/3, 9/4, 9/5, 9/6, 9/7, 9/8, 10, 11, 12/1, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 12/11, 12/12, 12/13, 12/14, 13, 14/1, 14/2A, 14/2B, 14/3, 14/4, 14/5, 15, 16/1,16/2, 17/1, 17/2, 17/3, 17/4, 17/5, 17/6, 17/7, 17/8, 17/9, 17/10, 17/11,18,19, 20/1, 20/2, 21/1,21/2, 21/3, 21/4, 22, 23/1, 23/2, 23/3, 23/4/5, 37/1,37/2B, 37/2C, 31/2B/2, 31/3, 31/4, 31/7,31/8/1, 38/2, 39/1, 39/2, 39/3, 40, 41/1A, 41/1B, 41/2, 41/3, 41/4, 44/1, 44/4,44/5A, 44/5B, 44/5A, 44/6B, 44/7, 44/8, 44/9, 44/10, 44/11, 44/12, 44/13, 44/14, 44/15, 44/16, 44/17, 44/18, 44/19, 44/20, 49 ,50/1, 50/2, 50/3, 51/1, 51/2, 56/1,56/2 DIST- THANE AND VILLAGE (GARGAON BEARING S.NO. 44/1, 44/2, 44/3, 44/4, 44/5, 44/6, 44/7, 44/8, 44/9, 44/10, 44/11, 44/12, 45/1, 45/2, 45/3, 45/4, 45/5/A, 45/5/B, 45/6,46/1, 46/2A, 46/2B,46/2,47, 48, 50, 51, 52/1, 52/2, 53/1/A, 53/1/B, 53/2/A, 53/2/B, 53/3/A, 53/3/B, 94 DIST- THANE

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

DIRECTOR ,
M/S. RUNWAL RESIDENCY PVT. LTD.
RUNWAL & OMKAR EDGELINE,
5TH FLOOR, OPP SION DUNGARWATI SIGNAL,
SION (EAST) MUMBAI - 400022

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

SIGNATURE OF ARCHITECT

ARCHITECTS

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DRG.NO.	SCALE	DATE	DRN.BY	CHKD.BY
C-MSD/1078/NT	1 : 100	03/11/2019	SAAKAR/SION	

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BUILT UP AREA CALCULATION OF 2ND TO 7TH, 8TH TO 13TH, 15TH TO 18TH, 20TH TO 23RD FLOOR :
BLOCK R = 45.935 X 17.930 = 590.79 SQ.M.

DEDUCTION =					
1.	1.750	X	3.100	=	10.85
2.	3.700	X	6.405	=	47.55
3.	2.440	X	4.900	X 2 =	23.91
4.	3.750	X	1.450	X 2 =	10.88
5.	1.810	X	1.900	X 2 =	3.44
6.	1.790	X	3.750	X 2 =	13.20
7.	0.200	X	1.900	X 2 =	1.44
8.	1.070	X	4.950	X 2 =	10.59
9.	19.985	X	1.900	=	37.97
10.	2.900	X	0.153	=	0.44
11.	1.100	X	4.900	X 2 =	10.80
12.	1.750	X	5.700	X 2 =	17.92
13.	1.810	X	3.450	X 2 =	12.49
14.	5.400	X	3.750	X 2 =	47.97
15.	2.815	X	7.090	=	17.91
16.	4.275	X	1.300	=	5.56
17.	1.900	X	3.155	=	6.00
18.	1.900	X	2.925	=	5.55
51.	0.400	X	5.070	X 2 =	4.05
52.	0.750	X	5.300	X 2 =	7.95
53.	2.120	X	5.450	X 2 =	23.11
P1.	2.120	X	2.475	X 2 =	10.49
P2.	1.100	X	2.625	X 2 =	5.78
P3.	6.190	X	1.500	X 2 =	18.45
P4.	1.080	X	3.780	X 2 =	8.17
P5.	2.350	X	0.600	X 2 =	2.82
P6.	7.875	X	1.700	=	12.03
P7.	4.275	X	0.750	=	3.21
L1.	1.850	X	2.000	X 2 =	7.51
L2.	2.570	X	2.830	=	7.29
TOTAL AREA =					459.77

BUILT UP AREA OF 2ND TO 7TH, 8TH TO 13TH, 15TH TO 18TH, 20TH TO 23RD FLOOR :
= 590.79 - 459.77 = 474.03 SQ.M.
AS PER POLY LINE = 474.04 SQ.M.

AREA LINE DIAGRAM OF TYPICAL FLOOR (2ND TO 7TH, 8TH TO 13TH, 15TH TO 18TH & 20TH TO 23RD FLOOR PLAN)
SCALE 1:100

OPEN BALCONY AREA CALCULATION OF 2ND TO 7TH, 8TH TO 13TH, 15TH TO 18TH, 20TH TO 23RD FLOOR:

B1	2.800	X 1.000	X 2	=	5.60
B2	1.410	X 0.950	X 2	=	2.58
	1.300	X 0.150	X 2	=	0.41
B3	1.400	X 2.200	X 2	=	6.16
B4	1.400	X 2.425	X 2	=	6.66
B5	1.000	X 1.850	=		1.85
B6	2.800	X 1.100	X 2	=	6.16
	1.000	X 0.200	X 2	=	0.40
B7	1.000	X 1.850	=		1.85
	2574.04 SQ.M.				
80% OF 12.50 = 210 NO'S PERSONS PER PERSON 0.30 SQ.M					
= 210 X 0.30 = 64.20 SQ.M.					
REFUGE AREA PROVIDED = 64.20 SQ.M.					
TOTAL BALCONY AREA =					33.03 SQ.M.
AS PER POLY LINE =					33.03 SQ.M.

PERMISSIBLE BAL. AREA
10 % OF 424.89 = 42.41 SQ.M.
PROPOSED BAL. AREA = 33.03 SQ.M.
PROPOSED BUILT UP AREA OF 2ND TO 7TH, 8TH TO 13TH, 15TH TO 18TH, 20TH TO 23RD FLOOR = 424.89 SQ.M.

STAIRCASE AND PASSAGE AREA CALCULATION 2ND TO 7TH, 8TH TO 13TH, 15TH TO 18TH, 20TH TO 23RD FLOOR :

S1.	0.400	X 5.070	X 2	= 4.06
S2.	0.780	X 5.300	X 2	= 8.27
S3.	2.120	X 5.450	X 2	= 23.11
P1.	2.120	X 2.475	X 2	= 10.49
P2.	1.100	X 2.625	X 2	= 5.78
P3.	6.190	X 1.500	X 2	= 18.45
P4.	1.080	X 3.780	X 2	= 8.17
P5.	2.350	X 0.600	X 2	= 2.82
P6.	7.875	X 1.700	=	12.03
P7.	4.275	X 0.750	=	3.21
TOTAL STAIRCASE AREA =				96.39

REFUGE AREA REQUIRED ON 8TH FLOOR

FLOOR	0.3P	SHLC AREA	TOTAL AREA
8TH	360.53	29.06	389.59 SQ.M.
9TH	424.89	33.03	457.89 SQ.M.
10TH	424.89	33.03	457.89 SQ.M.
11TH	424.89	33.03	457.89 SQ.M.
12TH	424.89	33.03	457.89 SQ.M.
13TH	424.89	33.03	457.89 SQ.M.
TOTAL	2574.04 SQ.M.		
80% OF 12.50 = 210 NO'S PERSONS PER PERSON 0.30 SQ.M			
= 210 X 0.30 = 64.20 SQ.M.			
REFUGE AREA PROVIDED = 64.20 SQ.M.			

REFUGE AREA REQUIRED ON 14TH FLOOR

FLOOR	0.3P	SHLC AREA	TOTAL AREA
14TH	360.53	29.06	389.59 SQ.M.
15TH	424.89	33.03	457.89 SQ.M.
16TH	424.89	33.03	457.89 SQ.M.
17TH	424.89	33.03	457.89 SQ.M.
18TH	424.89	33.03	457.89 SQ.M.
TOTAL	2114.05 SQ.M.		
72.5 (80% OF 12.50 = 177.34 PERSONS PER PERSON 0.30 SQ.M = 177 X 0.30 = 53.10 SQ.M.			
REFUGE AREA PROVIDED = 53.10 SQ.M.			

REFUGE AREA LINE DIAGRAM OF 8TH FLOOR
(SCALE 1:100)

REFUGE AREA CALCULATION OF 8TH FLOOR : BLOCK - R

1.	1.750	X 3.005	= 5.13
2.	2.362	X 3.157	= 20.68
3.	6.000	X 3.157	= 20.68
4.	2.362	X 0.975	= 2.72
5.	5.500	X 2.375	= 13.06
6.	1.250	X 1.050	= 1.29
TOTAL			= 64.19
AS PER POLY LINE AREA = 64.20 SQ.M.			

REFUGE AREA CALCULATION OF 14TH & 15TH FLOOR : BLOCK - R

1.	7.800	X 2.200	= 17.22
2.	6.000	X 3.157	= 18.94
3.	4.100	X 0.675	= 2.77
4.	6.000	X 2.375	= 14.25
5.	1.250	X 1.050	= 1.29
TOTAL			= 54.47
AS PER POLY LINE AREA = 53.10 SQ.M.			

REFUGE AREA LINE DIAGRAM OF 14TH & 19TH FLOOR
(SCALE 1:100)

REFUGE AREA LINE DIAGRAM OF 8TH FLOOR
(SCALE 1:100)

REFUGE AREA REQUIRED ON 20TH FLOOR

FLOOR	0.3P	SHLC AREA	TOTAL AREA
20TH	360.53	29.06	389.59 SQ.M.
21TH	424.89	33.03	457.89 SQ.M.
22TH	424.89	33.03	457.89 SQ.M.
23TH	424.89	33.03	457.89 SQ.M.
TOTAL	2114.05 SQ.M.		
72.5 (80% OF 12.50 = 177.34 PERSONS PER PERSON 0.30 SQ.M			
= 177 X 0.30 = 53.10 SQ.M.			
REFUGE AREA PROVIDED = 53.10 SQ.M.			

AREA CALCULATION OF L.M.R. AND D.K.T. FLOOR :

ADDITION =				
1.	3.500	X 5.400	X 2	= 36.15
2.	2.000	X 2.400	X 2	= 9.60
3.	1.870	X 3.050	=	5.70
TOTAL				= 51.45
AS PER POLY LINE =				57.72 SQ.M.

AREA LINE DIAGRAM OF L.M.R. AND D.K.T FLOOR
SCALE 1:100

STAIRCASE AND PASSAGE AREA CALCULATION 8TH, 14TH & 19TH FLOOR :

ADDITION FOR =				
S1.	0.400	X 5.070	=	2.03
S2.	0.780	X 5.300	=	4.13
S3.	2.120	X 5.450	=	11.55
S4.	3.500	X 5.450	=	19.08
P1.	2.120	X 2.475	=	5.25
P2.	1.100	X 2.625	X 2	= 5.78
P3.	6.190	X 1.500	X 2	= 18.45
P4.	1.080	X 3.780	X 2	= 8.17
P5.	2.350	X 0.600	X 2	= 2.82
P6.	7.875	X 1.700	=	12.03
P7.	4.275	X 0.750	=	3.21
P8.	2.120	X 1.425	=	3.02
P9.	2.120	X 1.050	=	2.22
TOTAL STAIRCASE AREA =				97.79
DEDUCTION FOR =				
D1.	1.300	X 0.400	X 2	= 1.04
D2.	0.800	X 0.500	X 2	= 0.80
D3.	1.090	X 2.100	X 2	= 4.58
TOTAL DEDUCTION AREA =				6.44
AS PER POLY LINE =				91.35 SQ.M.

OPEN BALCONY AREA CALCULATION OF 8TH, 14TH & 19TH FLOOR :

B1	2.800	X 1.000	X 2	=	5.60
B2	1.410	X 0.950	X 2	=	2.58
	1.300	X 0.150	X 2	=	0.41
B3	1.400	X 2.200	X 2	=	6.16
B4	1.400	X 2.425	X 2	=	6.66
B5	1.000	X 1.850	=		1.85
B6	2.800	X 1.100	X 2	=	6.16
	1.000	X 0.200	X 2	=	0.40
B7	1.000	X 1.850	=		1.85
TOTAL BALCONY AREA =					39.06 SQ.M.
PROPOSED BAL. AREA =					39.06 SQ.M.

PERMISSIBLE BAL. AREA
10 % OF 390.53 = 39.05 SQ.M.
PROPOSED BAL. AREA = 39.06 SQ.M.
PROPOSED BUILT UP AREA OF 8TH, 14TH & 19TH FLOOR = 390.53 SQ.M.

BUILT UP AREA OF 2ND TO 7TH, 8TH TO 13TH, 15TH TO 18TH, 20TH TO 23RD FLOOR :
= 590.79 - 390.53 = 200.66 SQ.M.
AS PER POLY LINE = 390.53 SQ.M.

BUILT UP AREA CALCULATION OF 8TH, 14TH & 19TH FLOOR :
BLOCK R = 45.935 X 17.930 = 787.04 SQ.M.

DEDUCTION =					
1.	1.750	X	3.100	=	5.43
2.	3.700	X	6.405	=	23.71
3.	2.440	X	4.900	=	11.96
4.	3.750	X	1.450	X 2 =	16.88
5.	1.810	X	0.950	X 2 =	3.44
6.	1.790	X	3.750	X 2 =	13.20
7.	0.200	X	3.600	X 2 =	1.44
8.	19.985	X	1.900	=	37.97
9.	2.900	X	0.153	=	0.44
10.	1.100	X	4.900	X 2 =	10.80
11.	1.750	X	5.700	X 2 =	17.92
12.	1.810	X	3.450	X 2 =	12.49
13.	5.400	X	3.750	X 2 =	47.97
14.	2.815	X	7.090	=	17.91
15.	4.275	X	1.300	=	5.56
16.	1.900	X	3.155	=	6.00
17.	4.100	X	9.955	=	39.59
18.	1.900	X	10.000	=	19.40
19.	1.230	X	1.050	=	1.29
51.	0.400	X	5.070	=	2.03
52.	0.750	X	5.300	=	7.95
53.	2.120	X	5.450	=	11.55
54.	3.500	X	5.450	=	19.08
P1.	2.120	X	2.475	=	5.25
P2.	1.100	X	2.625	X 2 =	5.78
P3.	6.190	X	1.500	X 2 =	18.45
P4.	1.080	X	3.780	X 2 =	8.17
P5.	2.350	X	0.600	X 2 =	2.82
P6.	7.875	X	1.700	=	12.03
P7.	4.275	X	0.750	=	3.21
P8.	2.120	X	1.425	=	3.02
P9.	2.120	X	1.050	=	2.22
L1.	1.850	X	2.000	X 2 =	7.51
L2.	2.570	X	2.830	=	7.29
TOTAL AREA =					429.39

BUILT UP AREA OF 8TH, 14TH & 19TH FLOOR :
= 787.04 - 429.39 = 357.65 SQ.M.
AS PER POLY LINE = 357.65 SQ.M.

AREA LINE DIAGRAM OF REFUGE FLOOR (8TH, 14TH & 19TH FLOOR PLAN)
SCALE 1:100

14TH & 19TH REFUGE FLOOR PLAN
SCALE 1:100

2ND TO 7TH, 8TH TO 13TH, 15TH TO 18TH, 20TH TO 23RD TYPICAL FLOOR PLAN
SCALE 1:100

8TH REFUGE FLOOR PLAN
SCALE 1:100

TERRACE FLOOR PLAN
SCALE 1:100