TYPE- E BLDG.- 01
(LOWER STILT + UPPER STILT + 1ST PODIUM LVL. +STILT/LOBBY LVL.+1ST TO 20TH FLOOR)

01 / 71

CONTENTS OF SHEET

LOWER GROUND/PODIUM PT,GROUND/PODIUM PT FLOOR PLAN WITH AREA LINE DIAGRAM & CALCULATION, BUA SUMMARY,COVERED BUA STATEMENT & RERA CARPET AREA STATEMENT ETC.

STAMP OF APPROVAL OF PLAN

PLANS APPROVED (..71.....NOS OF DRAWINGS) WHICH ARE TO BE READ ALONG WITH BUILDING PERMISSION & COMMENCEMENT CERTIFICATE/AMENDED BUILDING PERMISSION & COMMENCEMENT CERTIFICATE BEARING - NO. : SRDT/GROWTH CENTRE/1241/18/01 ITP-USARGHAR & SANDAP - 01/NA-76/1421/22

DATE : 14 / 01 / 2022.

AND THE CONDITIONS MENTIONED THEREIN.

(M.S. Khandekar) Planner, Sub-Regional Office, Thane, MMRDA

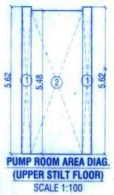
MMRDA

AREA LINE DIG. OF PLINTH FLOOR (AS PER TYPICAL FLOOR)
SCALE 1:100

B-UP AREA CALCULATION OF PLINTH LEVEL-							
A	38.40	X	15.04		=	577.54
	TOTAL					577.54
DEDUCTIONS						
1	3.25	X	1.50	X 2	=	9.75
2	2.36	X	0.90	X 1	=	2.12
3	3.21	X	3.64	X 1	=	11.68
4	8.16	X	0.49	X 1	=	4.00
5	3.21	X	2.89	X 1	=	9.28
6	2.36	X	0.90	X 1	=	2.12
7	3.06	X	0.60	X 3	=	5.51
8	2.57	X	1.44	X 1	=	3.70
9	1.37	X	3.58	X 1	=	4.90
10	2.78	X	1.44	X 1	=	4.00
11	3.27	X	3.58	X 1	=	11.71
12	3.25	X	2.06	X 2	=	13.39
13	6.30	X	0.56	X 1	=	3.53
14	2.36	X	1.46	X 2	=	6.89
15	3.21	X	4.20	X 1	=	13.48
16	1.50	X	0.25	X 2	=	0.75
17	0.96	X	4.75	X 1	=	4.56
18	2.99	X	4.20	X 1	=	12.56
19	3.25	X	0.56	X 1	=	1.82
20	3.27	X	9.59	X 1	=	31.36
21	2.06	X	3.11	X 1	=	6.47
22	0.25	X	2.51	X 1	=	0.63
23	3.58	X	0.99	X 1	=	3.54
24	0.91	X	0.92	X 1	=	0.84
25	1.37	X	1.07	X 1	=	1.47
26	4.41	X	0.61	X 1	=	2.69
	TOTAL DUCT AREA - (a)					172.75
	TOTAL PROPOSED B/UP AREA OF PLINTH LEVEL-					404.78
	B/UP AREA AS PER POLYLINE					404.81

BUILT UP AREA SUMMARY -TYPE E - TOWER -1

FLOORS	BUA	REQUIRED REFUGE	100% PERMISSIBLE REFUGE	PROVIDED REFUGE	EXCESS REFUGE	TOTAL BUA
LOWER STILT	141.17					141.17
UPPER STILT						
P1 PODIUM FLOOR						
STILT/LOBBY FLOOR	222.57					222.57
1ST FLOOR	391.06					391.06
2ND FLOOR	391.06					391.06
3RD FLOOR	391.06					391.06
4TH FLOOR	391.06					391.06
5TH FLOOR	391.06					391.06
6TH FLOOR	325.30	17.10	34.20	65.76	31.56	356.86
7TH FLOOR	391.06					391.06
8TH FLOOR	391.06					391.06
9TH FLOOR	391.06					391.06
10TH FLOOR	391.06					391.06
11TH FLOOR	325.30	17.10	34.20	65.76	31.56	356.86
12TH FLOOR	391.06					391.06
13TH FLOOR	391.06					391.06
14TH FLOOR	391.06					391.06
15TH FLOOR	391.06					391.06
16TH FLOOR	391.06					391.06
17TH FLOOR	325.30	17.10	34.20	65.76	31.56	356.86
18TH FLOOR	391.06					391.06
19TH FLOOR	391.06					391.06
20TH FLOOR	391.06					391.06
TOTAL	7987.66	51.30	102.60	197.28	94.68	8082.34



PUMP ROOM AREA DIAG. (UPPER STILT FLOOR)
SCALE 1:100

PUMP ROOM AREA CALCULATION OF UPPER STILT -						
1	0.35	X	5.62	X 2	=	3.93
2	2.01	X	5.48		=	11.01
TOTAL PUMP ROOM AREA						14.95
AREA AS PER POLYLINE						14.95

RERA CARPET AREA STATEMENT

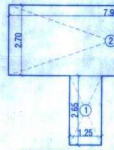
FLOORS	NO OF FLOOR	NO OF FLATS	RERA CARPET AREA (IN SQ.M.)
STILT/LOBBY FLOOR (02 NOS. OF FLATS)	02 FLATS X 1 FLR. = 2 NOS.	1	56.05
		2	-----
TYPICAL 1ST TO 5TH & 7TH TO 10TH, 12TH TO 16TH, 18TH TO 20TH FLOOR (64 NOS. OF FLATS)	04 FLATS X 17 FLR. = 68 NOS.	3	-----
		4	73.31
		1	56.05
		2	73.31
		3	73.31
		4	73.31
6TH, 11TH & 17TH (REFUGE) FLOOR (03 NOS OF FLATS)	03 FLATS X 3 FLR. = 9 NOS.	1	-----
		2	73.31
		3	73.31
		4	73.31

DOOR & WINDOW SCHEDULE

TYPE	SIZE	DESCRIPTION
D1	1.050 x 2.250	SINGLE SHUTTER FLUSH DOOR
D1A	1.050 x 2.250	SINGLE SHUTTER FLUSH DOOR (REFUGE)
D2	0.910 x 2.250	SINGLE SHUTTER FLUSH DOOR
D3	0.850 x 2.250	SINGLE SHUTTER FLUSH DOOR
D4	0.900 x 2.250	SINGLE SHUTTER FLUSH DOOR
D5	1.200 x 2.250	SINGLE SHUTTER FIRE RATED FLUSH DOOR
D6	0.750 x 1.800	SINGLE SHUTTER FIRE RATED METAL FLUSH DOOR
D7	0.990 x 1.800	DOUBLE SHUTTER FIRE RATED METAL FLUSH DOOR
D9	0.750 x 1.800	SINGLE SHUTTER FIRE RATED METAL FLUSH DOOR
D20	0.665 x 1.650	SINGLE SHUTTER FLUSH DOOR
SD1	2.000 x 2.250	3 PANEL SLIDING WINDOW
SD2	2.500 x 2.250	3 PANEL SLIDING WINDOW
SD3	2.700 x 2.250	3 PANEL SLIDING WINDOW
W4	1.800 x 2.250	3 PANEL SLIDING WINDOW / PART FIXED
W5	2.320 x 2.250	3 PANEL SLIDING WINDOW / PART FIXED
SD6	2.245 x 2.250	3 PANEL SLIDING WINDOW
W7	0.850 x 1.650	SINGLE PANEL OPENABLE WINDOW
SD8	2.550 x 2.250	3 PANEL SLIDING WINDOW
W9	0.570 x 1.650	SINGLE PANEL OPENABLE WINDOW
W10		
W11	0.620 x 1.000	OPENABLE GLASS LOUVERED WINDOW
W12	1.800 x 1.200	2 PANELSLIDING WINDOW
W13	0.920 x 1.200	2 PANELSLIDING WINDOW
W14		
W15	1.360 x 1.200	2 PANELSLIDING WINDOW
W16	1.500 x 1.450	2 PANELSLIDING WINDOW
W17	1.800 x 1.200	2 PANELSLIDING WINDOW
W18	1.125 x 1.200	2 PANELSLIDING WINDOW
W19	1.140 x 1.200	2 PANELSLIDING WINDOW
V1	1.200 x 1.200	LOUVERED VENTILATOR

COVERED BUILT UP AREA SUMMARY OF BUILDING- E1

FLOORS	BUILT UP AREA	O.H.T. & LIFT MACHINE ROOM AREA	REFUGE AREA	PUMP ROOM AREA	METER/ELEC. ROOM AREA	STILT AREA	TOTAL AREA
TOTAL BUA AREA RESIDENTIAL	8082.34	89.14	102.60	14.95	25.27	246.68	8560.98

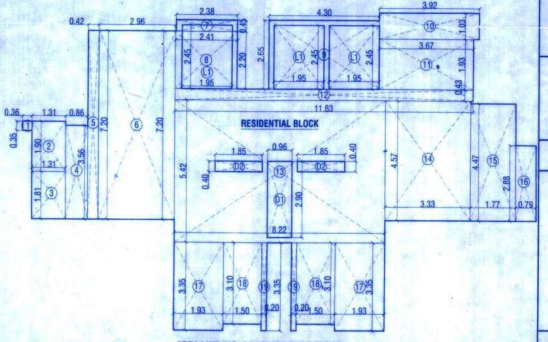


METER ROOM AREA LINE DIG.OF LOWER GROUND FLOOR
(SCALE 1:100)

METER ROOM AREA CALCULATION OF LOWER STILT FLOOR -						
1	1.25	X	2.65		=	3.31
2	7.93	X	2.70		=	21.41
3	0.23	X	2.40		=	0.55
TOTAL METER ROOM AREA						25.26
AREA AS PER POLYLINE .						25.27

BUILT UP AREA CALCULATION OF LOWER STILT FLOOR : -

ADDITION :						
1	0.36	X	0.35		=	0.13
2	1.31	X	1.90		=	2.49
3	1.31	X	1.81		=	2.37
4	0.86	X	3.56		=	3.06
5	0.42	X	7.20		=	3.02
6	2.96	X	7.20		=	21.31
7	2.38	X	0.45		=	1.07
8	2.41	X	2.20		=	5.30
9	4.30	X	2.65		=	11.40
10	3.92	X	1.03		=	4.04
11	3.67	X	1.93		=	7.08
12	11.63	X	0.43		=	5.00
13	8.22	X	5.42		=	44.55
14	3.33	X	4.57		=	15.22
15	1.77	X	4.47		=	7.91
16	0.79	X	2.88		=	2.28
17	1.93	X	3.35	X 2	=	12.93
18	1.50	X	3.10	X 2	=	9.30
19	0.20	X	3.35	X 2	=	1.34
TOTAL DEDUCTIONS - (a)						159.80
DUCT AREA CALCULATIONS :						
D1	0.96	X	2.90		=	2.78
D2	1.85	X	0.40	X 2	=	1.48
TOTAL DUCT AREA - (b)						4.26
LIFT AREA CALCULATIONS :						
L1	1.95	X	2.45	X 3	=	14.33
TOTAL LIFT AREA - (c)						14.33
TOTAL (a+b+c)						18.60
TOTAL PROPOSED B/UP AREA OF LOWER STILT FLOOR						141.21
B/UP AREA AS PER POLYLINE						141.17



AREA LINE DIG. OF LOWER STILT FLOOR
SCALE 1:100

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, 70/9, 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, 103/6/B, 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

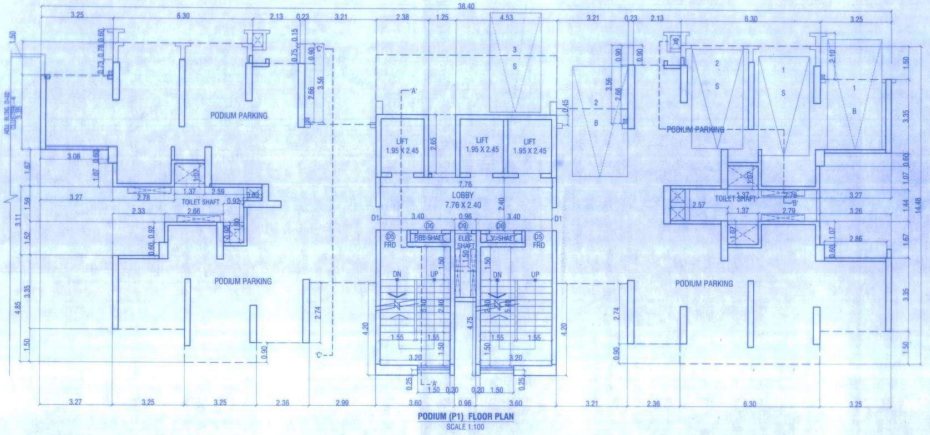
Saakaar ARCHITECTS
2ND FLOOR, NAKSHATRA, A WING,
NEAR TMC, ALMEIDA ROAD,
PANCHPAKHADI, THANE (W). 400 602
PHONE - 2537 8701,TELEFAX - 2536 4700
E MAIL - saakaararchitects@yahoo.co.in

ORG.NO.	SCALE	DATE	DRN.BY	CHKD.BY
C-669/2021/M/O.I	1 : 100	13/01/2022	UDAY	DHANASHREE

\\SERVER\Saakaar12\Cad Drawings\RUNWAL USARGHAR - MY CITY\2. MUNICIPAL\31 A - ITP - Cluster 4 & 5 UDCPR to be submitted\6. Cluster 4 - Type E (TOWER 1).dwg

UPPER STILT FLOOR PLAN
SCALE 1:100

LOWER STILT FLOOR PLAN
SCALE 1:100



PODIUM (P1) FLOOR PLAN
SCALE 1:100

B-UP AREA CALCULATION OF PODIUM (PODIUM (P1) & STILT/LOBBY) FLOOR

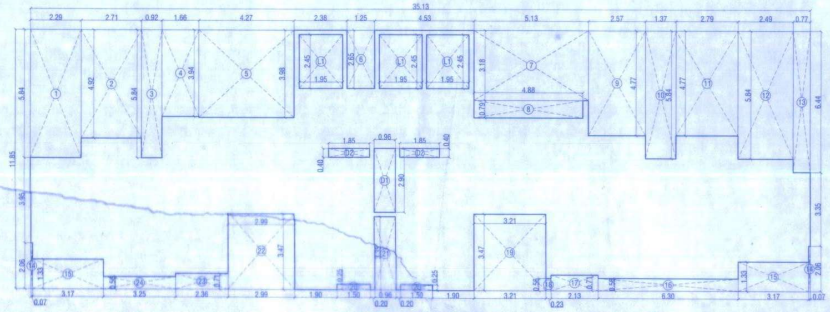
A	35.13	X	11.85		=	416.29
TOTAL						416.29
DEDUCTIONS :						
1	2.29	X	5.84		=	13.37
2	2.71	X	4.92		=	13.33
3	0.92	X	5.84		=	5.37
4	1.66	X	3.94		=	6.54
5	4.27	X	3.98		=	16.99
6	1.25	X	2.65		=	3.31
7	5.13	X	3.18		=	16.31
8	4.88	X	0.79		=	3.86
9	2.57	X	4.77		=	12.26
10	1.37	X	5.84		=	8.00
11	2.79	X	4.77		=	13.31
12	2.49	X	5.84		=	14.54
13	0.77	X	6.44		=	4.96
14	0.07	X	2.06	X 2	=	0.29
15	3.17	X	1.33	X 2	=	8.43
16	6.30	X	0.56		=	3.53
17	2.13	X	0.71		=	1.51
18	0.23	X	0.56		=	0.13
19	3.21	X	3.47		=	11.14
20	1.50	X	0.25	X 2	=	0.75
21	0.96	X	3.35		=	3.22
22	2.99	X	3.47		=	10.38
23	2.36	X	0.71		=	1.68
24	3.25	X	0.56		=	1.82
TOTAL DEDUCTIONS - (a)						175.03
DUCT AREA CALCULATIONS :						
D1	0.96	X	2.90		=	2.78
D2	1.85	X	0.40	X 2	=	1.48
TOTAL DUCT AREA - (b)						4.26

LIFT AREA CALCULATIONS :

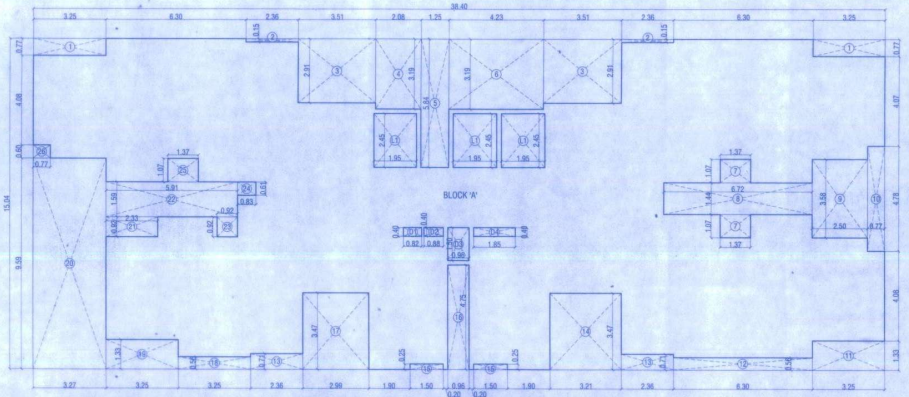
L1	1.95	X	2.45	X 3	=	14.33
TOTAL LIFT AREA - (c)						14.33
TOTAL (a+b+c)						193.63
TOTAL PROPOSED B/UP AREA OF PODIUM (P1 & STILT/LOBBY) FLOOR						222.66
B/UP AREA AS PER POLYLINE						222.57

B-UP AREA CALCULATION OF 1ST TO 5TH & 7TH TO 10TH, 12TH TO 16TH, 18TH TO 20TH TYPICAL FLOOR

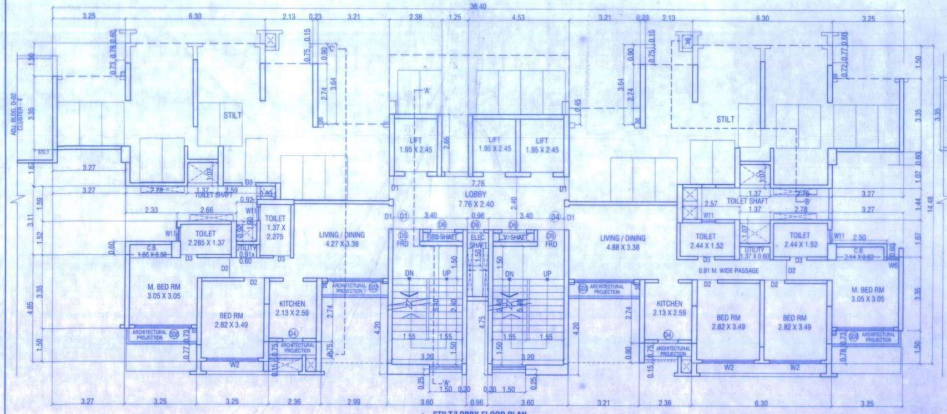
A	38.40	X	15.04		=	577.54
TOTAL						577.54
DEDUCTIONS :						
1	3.25	X	0.77	X 2	=	5.01
2	2.36	X	0.15	X 2	=	1.71
3	3.51	X	2.91	X 2	=	20.43
4	2.08	X	3.19		=	6.64
5	1.25	X	5.84		=	7.30
6	4.23	X	3.19		=	13.49
7	1.37	X	1.07	X 2	=	2.93
8	6.72	X	1.44		=	9.68
9	2.50	X	3.58		=	8.95
10	0.77	X	4.78		=	3.68
11	3.25	X	1.33		=	4.32
12	6.30	X	0.56		=	3.53
13	2.36	X	0.71	X 2	=	3.35
14	3.21	X	3.47		=	11.14
15	1.50	X	0.25	X 2	=	0.75
16	0.96	X	4.75		=	4.56
17	2.99	X	3.47		=	10.38
18	3.25	X	0.56		=	1.82
19	3.25	X	1.33		=	4.32
20	3.27	X	9.59		=	31.36
21	2.33	X	0.92		=	2.14
22	5.91	X	1.59		=	9.40
23	0.92	X	0.91		=	0.84
24	0.83	X	0.61		=	0.51
25	1.37	X	1.07		=	1.47
26	0.77	X	0.60		=	0.46
TOTAL DEDUCTIONS - (a)						169.15
DUCT AREA CALCULATIONS :						
D1	0.82	X	0.40		=	0.33
D2	0.88	X	0.40		=	0.35
D3	0.96	X	1.50		=	1.44
D4	1.85	X	0.40		=	0.74
TOTAL DUCT AREA - (b)						2.86
LIFT AREA CALCULATIONS						
L1	1.95	X	2.45	X 3	=	14.33
TOTAL LIFT AREA - (c)						14.33
TOTAL (a+b+c)						186.34
TOTAL PROPOSED B/UP AREA OF TYPICAL FLOOR						391.19
B/UP AREA AS PER POLYLINE						391.06



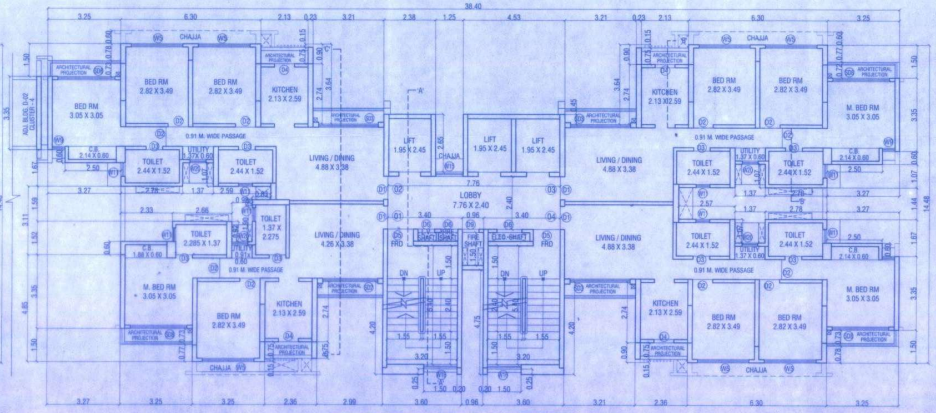
AREA LINE DIG. OF STILT/ LOBBY FLOOR
SCALE 1:100



AREA LINE DIAGRAM OF 1ST TO 5TH & 7TH TO 10TH, 12TH TO 16TH, 18TH TO 20TH TYPICAL FLOOR PLAN
SCALE 1:100



STILT/LOBBY FLOOR PLAN
SCALE 1:100



1ST TO 5TH, 7TH TO 10TH, 12TH TO 16TH, 18TH TO 20TH TYPICAL FLOOR PLAN
SCALE 1:100

DOOR & WINDOW SCHEDULE

TYPE	SIZE	DESCRIPTION
D1	1.050 x 2.250	SINGLE SHUTTER FLUSH DOOR
D1A	1.050 x 2.250	SINGLE SHUTTER FLUSH DOOR (REFUGE)
D2	0.910 x 2.250	SINGLE SHUTTER FLUSH DOOR
D3	0.900 x 2.250	SINGLE SHUTTER FLUSH DOOR
D4	0.900 x 2.250	SINGLE SHUTTER FLUSH DOOR
D5	1.200 x 2.250	SINGLE SHUTTER FIRE RATED FLUSH DOOR
D6	0.750 x 1.800	SINGLE SHUTTER FIRE RATED METAL FLUSH DOOR
D7	0.996 x 1.800	DOUBLE SHUTTER FIRE RATED METAL FLUSH DOOR
D9	0.750 x 1.800	SINGLE SHUTTER FIRE RATED METAL FLUSH DOOR
D20	0.865 x 1.650	SINGLE SHUTTER FLUSH DOOR
S01	2.000 x 2.250	3 PANEL SLIDING WINDOW
S02	2.500 x 2.250	3 PANEL SLIDING WINDOW
S03	2.700 x 2.250	5 PANEL SLIDING WINDOW
W4	1.800 x 2.200	3 PANEL SLIDING WINDOW / PART FIXED
W5	2.320 x 2.250	3 PANEL SLIDING WINDOW / PART FIXED
S06	2.245 x 2.250	3 PANEL SLIDING WINDOW
W7	0.850 x 1.650	SINGLE PANEL OPERABLE WINDOW
S08	2.550 x 2.250	3 PANEL SLIDING WINDOW
W8	0.570 x 1.650	SINGLE PANEL OPERABLE WINDOW
W10		
W11	0.620 x 1.000	OPERABLE GLASS LOUVERED WINDOW
W12	1.800 x 1.200	2 PANELSLIDING WINDOW
W13	0.920 x 1.200	2 PANELSLIDING WINDOW
W14		
W15	1.250 x 1.200	2 PANELSLIDING WINDOW
W16	1.500 x 1.400	2 PANELSLIDING WINDOW
W17	1.800 x 1.200	2 PANELSLIDING WINDOW
W18	1.125 x 1.200	2 PANELSLIDING WINDOW
W19	1.140 x 1.200	2 PANELSLIDING WINDOW
V1	1.200 x 1.200	LOUVERED VENTILATOR

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, 19/4,20/3,20/3,20/4,20/5,34/1,36/1/A, 36 /1/B, 37/1, 37/2, 38/1, 38/2, 38/3, 38/4, 70/9, 70/10, 70/11, 71/1, 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, 103/6/B, 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

sakaar ARCHITECTS
2ND FLOOR, NAKSHATRA, A WING,
NEAR TMC, ALMEIDA ROAD,
PANCHPAKHADI, THANE (W). 400 602
PHONE - 2537 8701, TELEFAX - 2536 4709
E MAIL - saakaararchitects@yahoo.co.in

DRG.NO.	SCALE	DATE	DRN.BY	CHKD.BY
C-069/2021/A02	1 : 100	15/01/2022	UDAY	DHANASREE

\\SERVER\Saakaar12\Cad Drawings\RUNWAL USARGHAR - MV CITY-2, MUNICIPAL JH. & ITP - Cluster 4 & 5 UDCPR -to be submitted\6. Cluster 4 - TYPE E (TOWER 1) dwg

CLUSTER - 4
TYPE- E BLDG.- 01
(LOWER STILT + UPPER STILT + 1ST PODIUM LVL. +STILT/LOBBY LVL.+1ST TO 20TH FLOOR)

02/71

CONTENTS OF SHEET

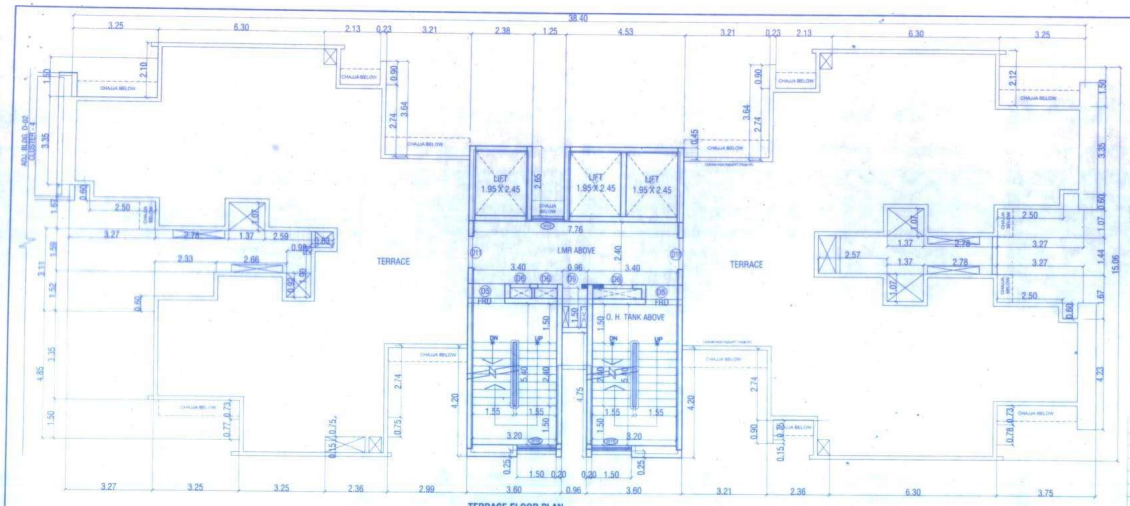
UPPER GR./ PODIUM PART FLOOR PLAN, AREA LINE DIAGRAM & CALCULATION ETC.

STAMP OF APPROVAL OF PLAN

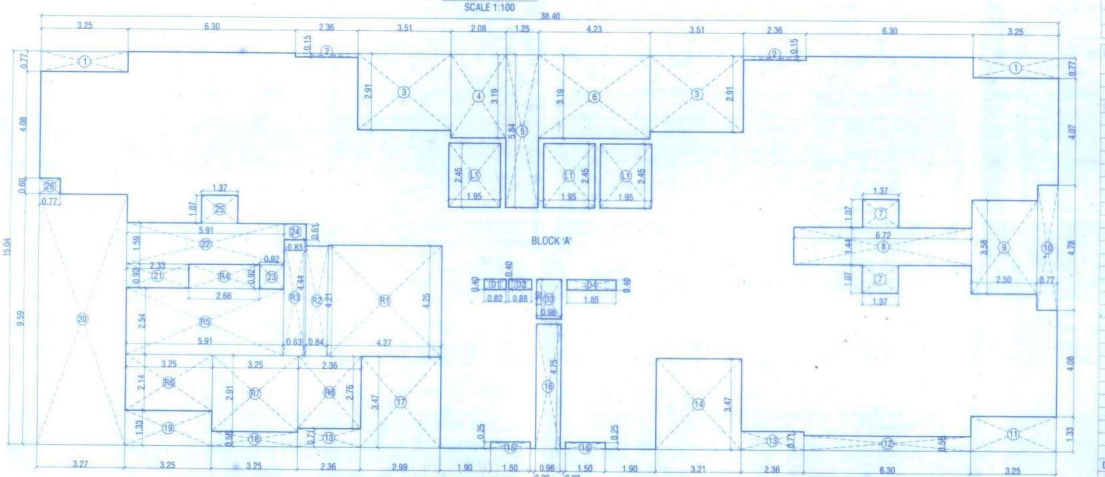
PLANS APPROVED (2)(....NOS OF DRAWINGS) WHICH ARE TO BE READ ALONG WITH BUILDING PERMISSION & COMMENCEMENT CERTIFICATE/AMENDED BUILDING PERMISSION & COMMENCEMENT CERTIFICATE BEARING - NO. SRA/Thane/Ch.Engg/Vasind/MP/1111/2021 AND THE CONDITIONS MENTIONED THEREIN. DATE: 14/01/2022

(M.S.) Planner
Sub-Regional Office, Thane
MMRDA

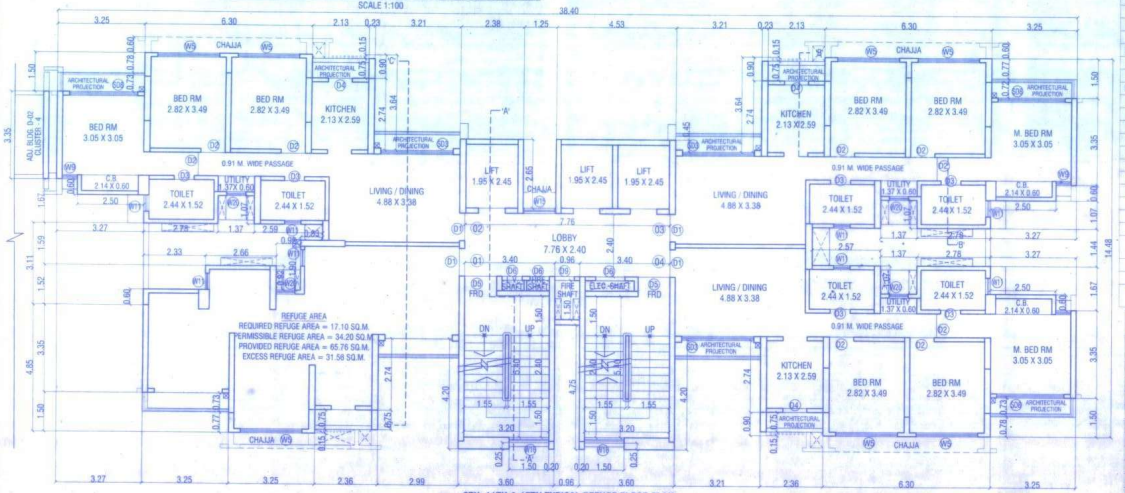
MMRDA



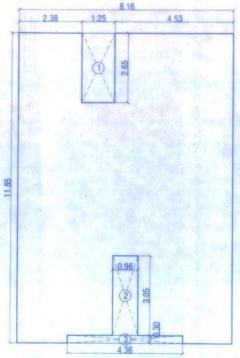
TERRACE FLOOR PLAN
SCALE 1:100



AREA LINE DIAGRAM OF 6TH, 11TH & 17TH TYPICAL REFUGE FLOOR PLAN
SCALE 1:100



6TH, 11TH & 17TH TYPICAL REFUGE FLOOR PLAN
SCALE 1:100



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

O.H.T. & L.M.R. AREA CALCULATIONS :

A	8.16	X	11.85	=	96.70
TOTAL					96.70
DEDUCTIONS :					
1	1.25	X	2.65	=	3.31
2	0.96	X	3.05	=	2.93
3	4.36	X	0.30	=	1.31
TOTAL DEDUCTIONS					7.55
TOTAL O.H.T. & L.M.R. AREA					89.15
AREA AS PER POLYLINE					**89.14**

B-UP AREA CALCULATION OF 1ST TO 5TH & 7TH TO 10TH, 12TH TO 16TH, 18TH TO 20TH TYPICAL REFUGE FLOOR

A	38.40	X	15.04			=	577.54
TOTAL							577.54
DEDUCTIONS :							
1	3.25	X	0.77	X	2	=	5.01
2	2.36	X	0.15	X	2	=	0.71
3	3.51	X	2.91	X	2	=	20.43
4	2.08	X	3.19			=	6.64
5	1.25	X	5.84			=	7.30
6	4.23	X	3.19			=	13.49
7	1.37	X	1.07	X	2	=	2.93
8	6.72	X	1.44			=	9.68
9	2.50	X	3.58			=	8.95
10	0.77	X	4.78			=	3.68
11	3.25	X	1.33			=	4.32
12	6.30	X	0.56			=	3.53
13	2.36	X	0.71	X	2	=	3.35
14	3.21	X	3.47			=	11.14
15	1.50	X	0.25	X	2	=	0.75
16	0.96	X	4.75			=	4.56
17	2.99	X	3.47			=	10.38
18	3.25	X	0.56			=	1.82
19	3.25	X	1.33			=	4.32
20	3.27	X	9.59			=	31.36
21	2.33	X	0.92			=	2.14
22	5.91	X	1.59			=	9.40
23	0.92	X	0.92			=	0.85
24	0.83	X	0.61			=	0.51
25	1.37	X	1.07			=	1.47
26	0.77	X	0.60			=	0.46
TOTAL DEDUCTIONS - (a)							169.16
DUCT AREA CALCULATIONS :							
D1	0.82	X	0.40			=	0.33
D2	0.88	X	0.40			=	0.35
D3	0.96	X	1.50			=	1.44
D4	1.85	X	0.40			=	0.74
TOTAL DUCT AREA - (b)							2.86
LIFT AREA CALCULATIONS :							
L1	1.95	X	2.45	X	3	=	14.33
TOTAL LIFT AREA - (c)							14.33
REFUGE AREA CALCULATIONS :							
R1	4.27	X	4.25			=	18.15
R2	0.84	X	4.21			=	3.54
R3	0.83	X	4.44			=	3.69
R4	2.66	X	0.92			=	2.45
R5	5.91	X	2.54			=	15.01
R6	3.25	X	2.14			=	6.96
R7	3.25	X	2.91			=	9.46
R8	2.36	X	2.76			=	6.51
TOTAL REFUGE AREA							65.75
B/UP AREA AS PER POLYLINE - (d)							**65.76**
TOTAL (a+b+c)							252.11
TOTAL PROPOSED B/UP AREA OF TYPICAL REFUGE FLOOR							325.43
B/UP AREA AS PER POLYLINE							**325.30**
EXCESS REFUGE AREA							31.56
TOTAL PROPOSED B/UP AREA OF TYPICAL FLOOR							**356.86**

REFUGE AREA CALCULATION OF 6TH, 11TH & 17TH TYPICAL REFUGE FLOOR

FLOORS	BUILT UP AREA (IN SQ.M.)
6TH FLOOR (REFUGE FLOOR)	325.30
7TH FLOOR	391.06
TOTAL AREA	716.36
716.36 / 12.50 = 57.31 PERSONS	
PER PERSON 0.30 SQ.M.	
57 X 0.30 SQ.MT. = 17.10 SQ.MT	
REQUIRED REFUGE AREA	17.10
PROVIDED REFUGE AREA	65.76
PERMISSIBLE 100% EXCESS REFUGE	34.20
EXCESS REFUGE AREA	31.56

CLUSTER - 4
TYPE- E BLDG.- 01
(LOWER STILT + UPPER STILT + 1ST PODIUM LVL. +STILT/LOBBY LVL.+1ST TO 20TH FLOOR)

03 / 71

CONTENTS OF SHEET

REFUGE FLOOR PLAN,TERRACE FLOOR PLAN, AREA CALCULATION, SUMMARY ETC...

STAMP OF APPROVAL OF PLAN

LANS APPROVED (...NOS OF DRAWINGS)
HICH ARE TO BE READ ALONG WITH
ILDING PERMISSION & COMMENCEMENT
ERTIFICATE/AMENDED BUILDING PERMISSION
OMMENCEMENT CERTIFICATE BEARING -
). SR/ET/Growth Ctr/Layout/IOD/...
TP-Usarghar&Sandap-01/Vol-16/TPE0024

TE : 14 / 01 / 2022.

D THE CONDITIONS MENTIONED THEREIN.

(A.D. Wankhede)
Planner,
Sub-Regional Office, Vasai,
MMRDA

MMRDA

DOOR & WINDOW SCHEDULE

TYPE	SIZE	DESCRIPTION
D1	1.050 x 2.250	SINGLE SHUTTER FLUSH DOOR
D1A	1.050 x 2.250	SINGLE SHUTTER FLUSH DOOR (REFUGE)
D2	0.910 x 2.250	SINGLE SHUTTER FLUSH DOOR
D3	0.850 x 2.250	SINGLE SHUTTER FLUSH DOOR
D4	0.900 x 2.250	SINGLE SHUTTER FLUSH DOOR
D5	1.200 x 2.250	SINGLE SHUTTER FIRE RATED FLUSH DOOR
D6	0.750 x 1.800	SINGLE SHUTTER FIRE RATED METAL FLUSH DOOR
D7	0.990 x 1.800	DOUBLE SHUTTER FIRE RATED METAL FLUSH DOOR
D9	0.750 x 1.800	SINGLE SHUTTER FIRE RATED METAL FLUSH DOOR
D20	0.665 x 1.650	SINGLE SHUTTER FLUSH DOOR
SD1	2.000 x 2.250	3 PANEL SLIDING WINDOW
SD2	2.500 x 2.250	3 PANEL SLIDING WINDOW
SD3	2.700 x 2.250	3 PANEL SLIDING WINDOW
W4	1.800 x 2.250	3 PANEL SLIDING WINDOW / PART FIXED
W5	2.320 x 2.250	3 PANEL SLIDING WINDOW / PART FIXED
SD6	2.245 x 2.250	3 PANEL SLIDING WINDOW
W7	0.650 x 1.650	SINGLE PANEL OPENABLE WINDOW
SD8	2.550 x 2.250	3 PANEL SLIDING WINDOW
W9	0.570 x 1.650	SINGLE PANEL OPENABLE WINDOW
W10		
W11	0.620 x 1.000	OPENABLE GLASS LOUVERED WINDOW
W12	1.860 x 1.200	2 PANELSLIDING WINDOW
W13	0.920 x 1.200	2 PANELSLIDING WINDOW
W14		
W15	1.250 x 1.200	2 PANELSLIDING WINDOW
W16	1.500 x 1.450	2 PANELSLIDING WINDOW
W17	1.800 x 1.200	2 PANELSLIDING WINDOW
W18	1.125 x 1.200	2 PANELSLIDING WINDOW
W19	1.140 x 1.200	2 PANELSLIDING WINDOW
V1	1.200 x 1.200	LOUVERED VENTILATOR

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, 70/9, 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, 103/6/B, 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.

DIRECTOR , S. S. RUNWAL
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.

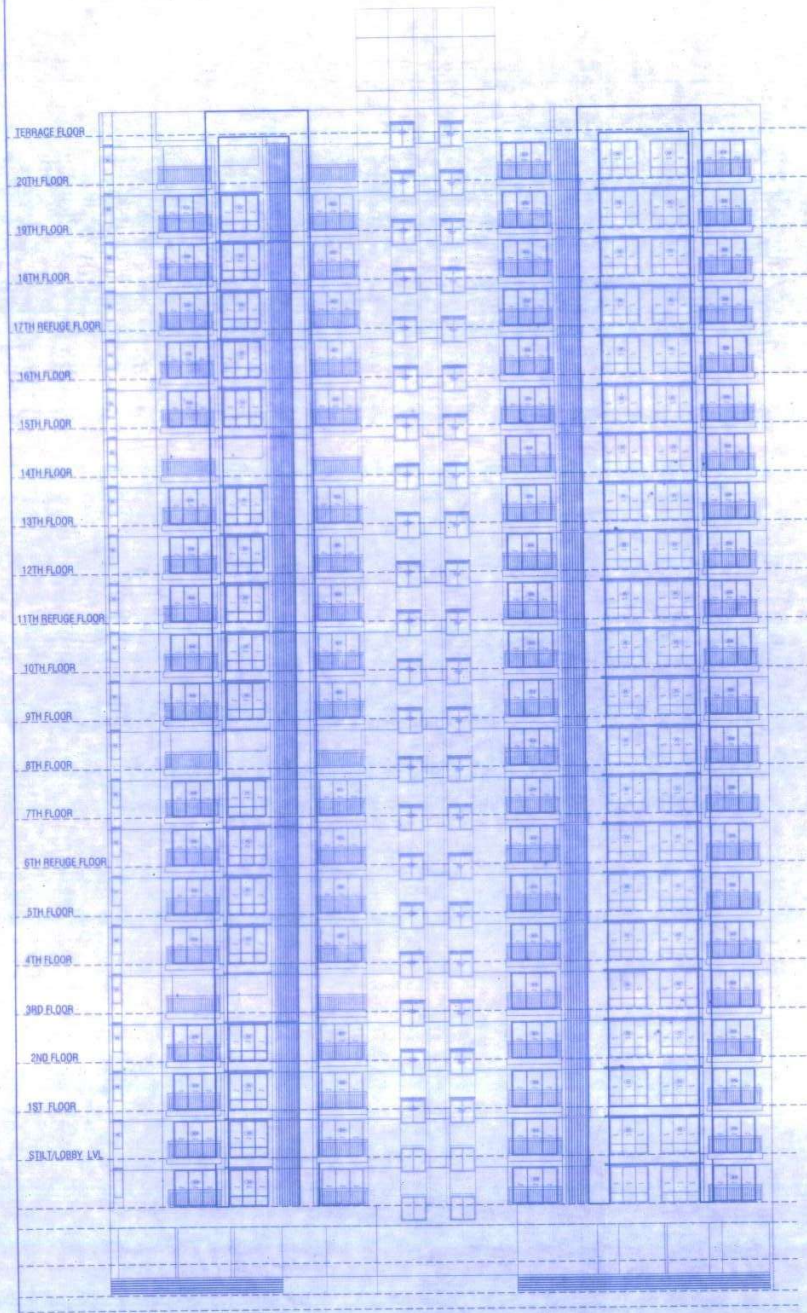
SIGNATURE OF ARCHITECT

ARCHITECTS

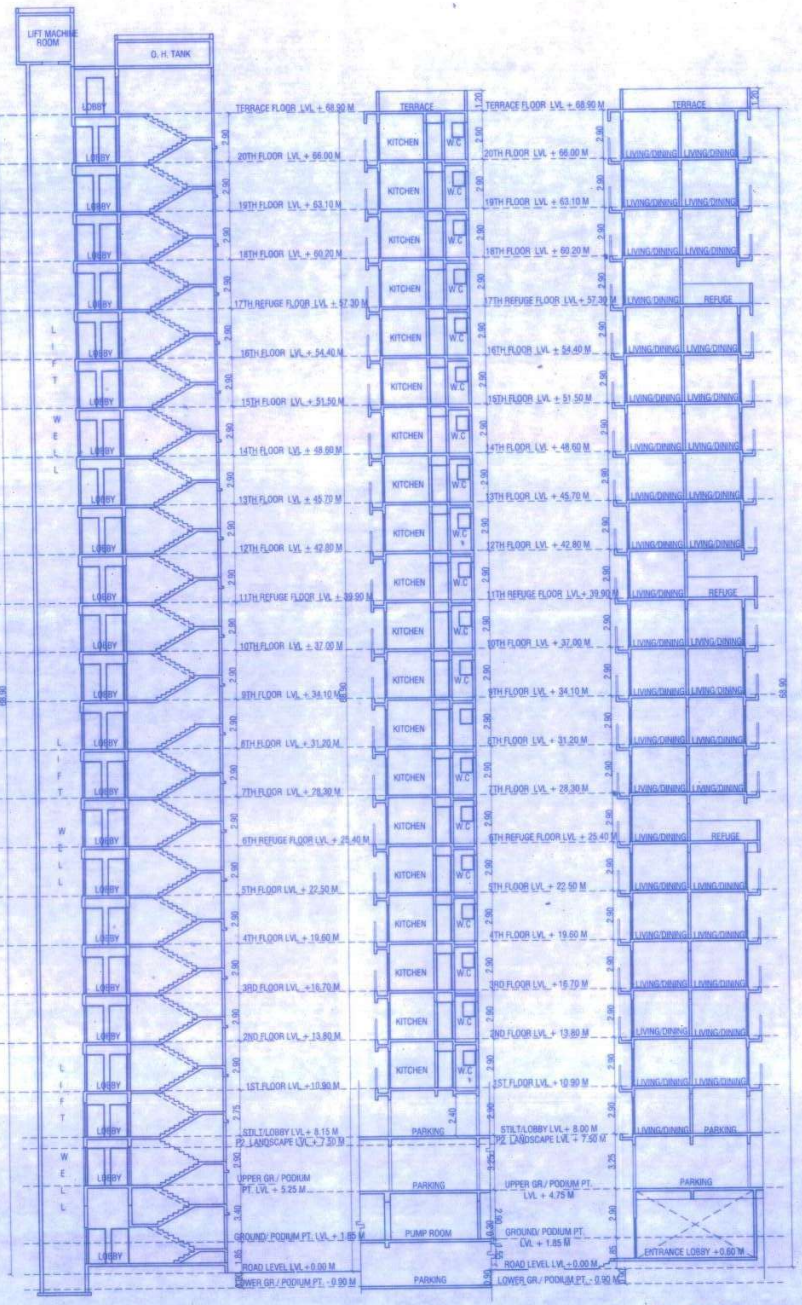
saakaar ARCHITECTS
2ND FLOOR, NAKSHATRA, A WING,
NEAR TMC, ALMEIDA ROAD,
PANCHPAKHADI, THANE (W). 400 602
PHONE - 2537 8701,TELEFAX - 2536 4700
E MAIL - saakaararchitects@yahoo.co.in

DRG.NO.	SCALE	DATE	DRN.BY	CHKD.BY
C-669/2021/M/03	1 : 100	13/01/2022	PRATHAMESH	

\\SERVER2\Saakaar\12.Cad Drawings\RUNWAL USARGHAR - MY CITY\2. MUNICIPAL\31. A - ITP - Cluster 4 & 5 UDCPR to be submitted\5. Cluster 4 - TYPE E (TOWER 1).dwg



FRONT ELEVATION
SCALE - 1:200



SECTION A-A'
SCALE - 1:200

SECTION 'B-B'
SCALE - 1:200

SECTION C-C'
SCALE - 1:100

TYPE - E BLDG. NO. 1 - CLUSTER - 4 (LOWER GR./PODIUM PT. + GROUND/ PODIUM PT. +UPPER GR./PODIUM PT.+STILT/LOBBY LVL.+1ST TO 20TH FLOOR)

04 / 71

CONTENTS OF SHEET

SECTION & ELEVATION, ETC.

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DATE : 14 / 01 / 2022.

AND THE CONDITIONS MENTIONED THEREIN.

MMRDA

(A) Planner, Sub-Regional Office, Thane. MMRDA

MMRDA

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