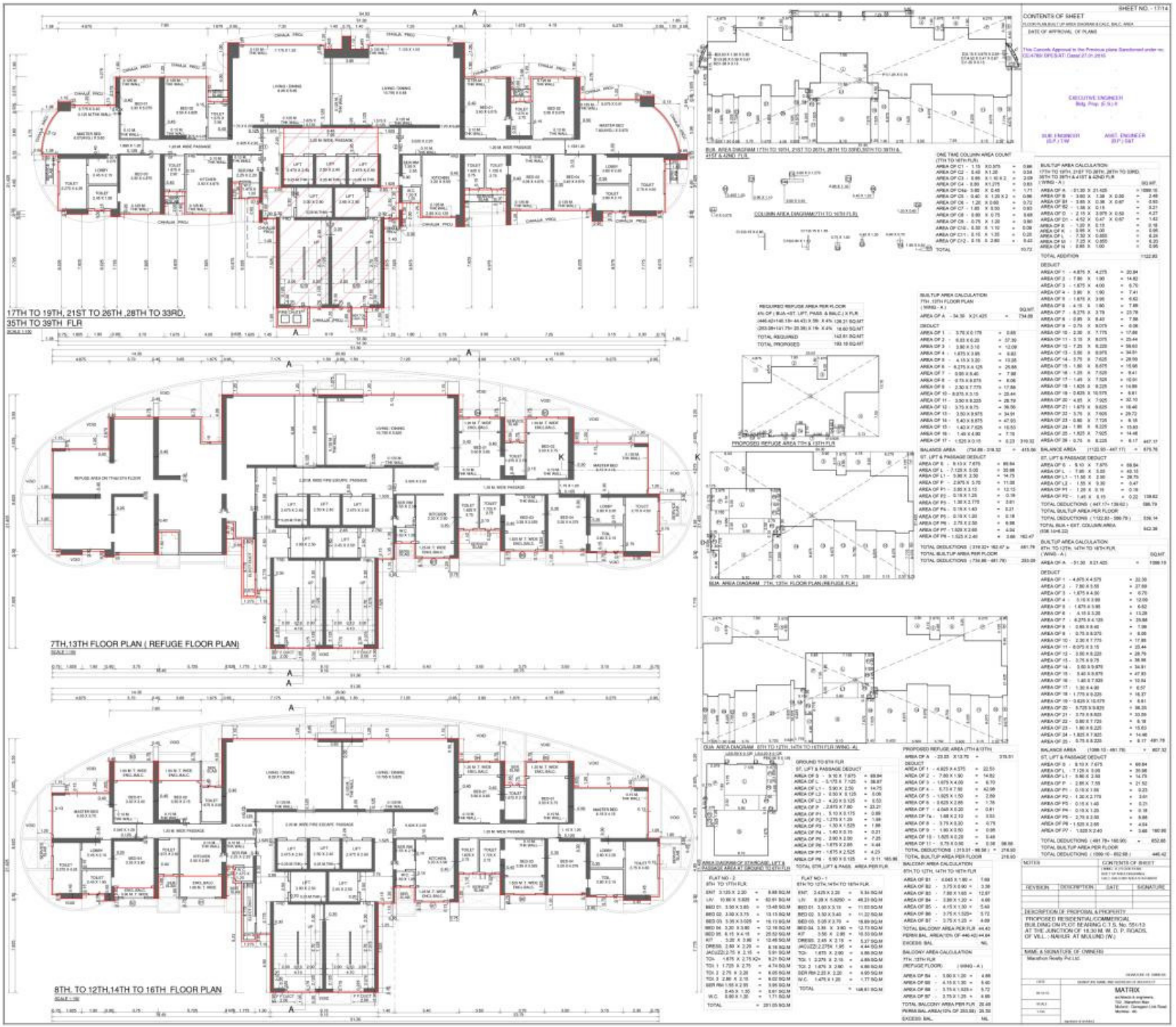
17TH TO 19TH, 21ST TO 26TH ,28TH TO 33RD, 35TH TO 39TH FLR
7TH,13TH FLOOR PLAN (REFUGE FLOOR PLAN)
8TH, TO 12TH,14TH TO 16TH FLOOR PLAN
BUA AREA DIAGRAM 17TH TO 19TH, 21ST TO 26TH, 28TH TO 33RD, 35TH TO 39TH & 41ST & 42ND FLR
COLUMN AREA DIAGRAM(7TH TO 16TH FLR)
PROPOSED REFUGE AREA 7TH & 13TH FLR
BUA AREA DIAGRAM 7TH, 13TH FLOOR PLAN (REFUGE FLR)
BUA AREA DIAGRAM 8TH TO 12TH, 14TH TO 16TH FLR (WING -A)
AREA DIAGRAM OF STAIRCASE, LIFT & PASSAGE AREA AT GROUND TO 6TH FLR
CONTENTS OF SHEET
DATE OF APPROVAL OF PLANS
EXECUTIVE ENGINEER
SUB ENGINEER
ASST. ENGINEER
SHEET NO. - 17/14
ONE TIME COLUMN AREA COUNT (7TH TO 16TH FLR)
BUILTUP AREA CALCULATION
17TH TO 19TH, 21ST TO 26TH, 28TH TO 33RD, 35TH TO 39TH & 41ST & 42ND FLR (WING - A)
DEDUCT
BALANCE AREA
ST. LIFT & PASSAGE DEDUCT
TOTAL DEDUCTIONS
TOTAL BUILTUP AREA PER FLOOR
TOTAL BUA + EXIST. COLUMN AREA
BUILTUP AREA CALCULATION
8TH TO 12TH, 14TH TO 16TH FLR
(WING - A)
DEDUCT
BALANCE AREA
ST. LIFT & PASSAGE DEDUCT
TOTAL DEDUCTIONS
TOTAL BUILTUP AREA PER FLOOR
GROUND TO 6TH FLR
ST. LIFT & PASSAGE DEDUCT
PROPOSED REFUGE AREA (7TH & 13TH)
BALCONY AREA CALCULATION
8TH TO 12TH, 14TH TO 16TH FLR
BALCONY AREA CALCULATION
7TH, 13TH FLR (REFUGE FLOOR) (WING - A)
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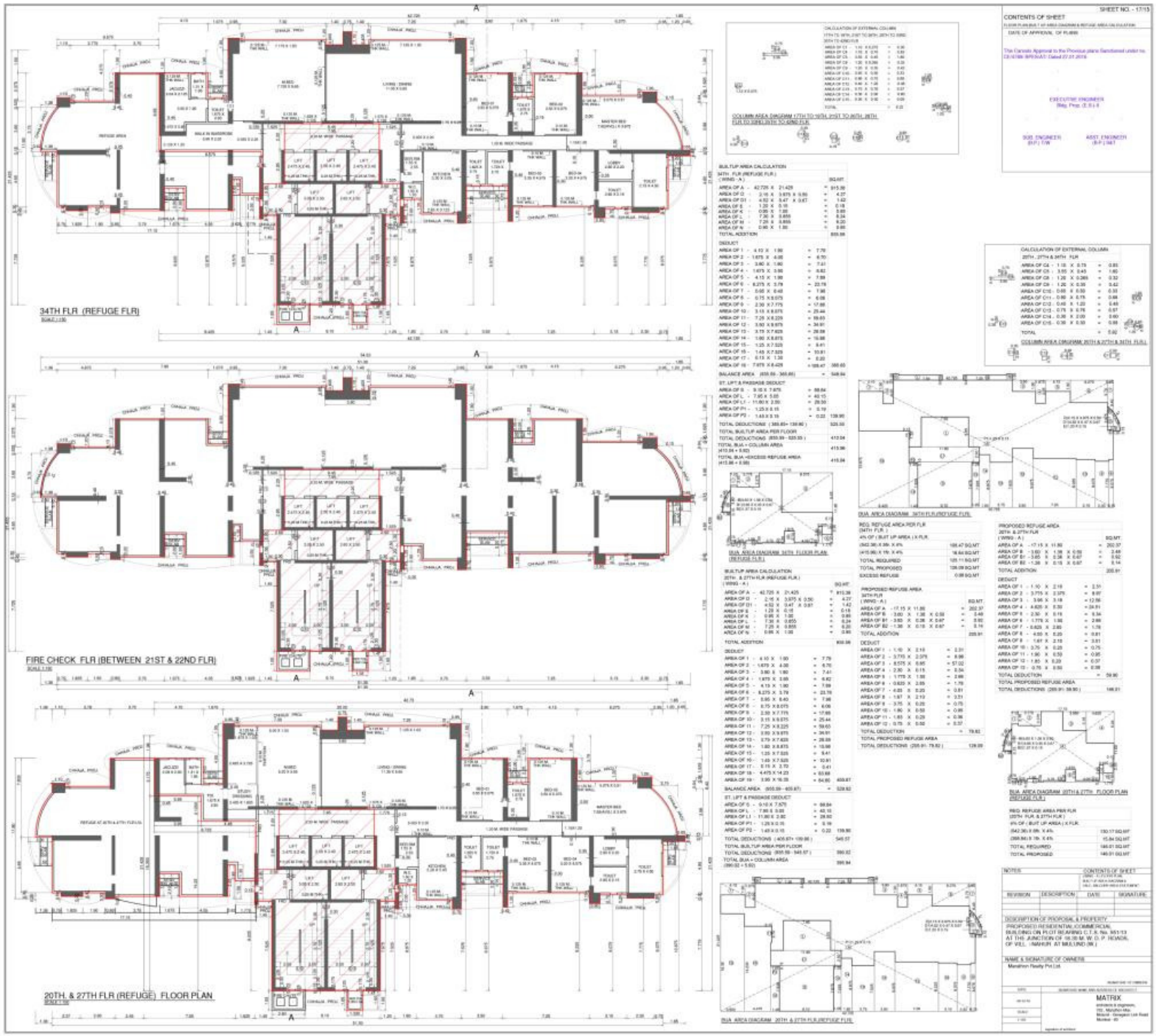
REVISION
DESCRIPTION
DATE
SIGNATURE
DESCRIPTION OF PROPOSAL & PROPERTY
PROPOSED RESIDENTIAL/COMMERCIAL BUILDING ON PLOT BEARING C.T.S. No. 551/13 AT THE JUNCTION OF 16.30 MT. (60') D. P. ROADS OF VILL. : NAHUR AT MULUND (W.)
NAME & SIGNATURE OF OWNER(S)
Marathon Realty Pvt.Ltd.
MATRIX
architects & engineers,
702, Marathon Max,
Mulund - Goregaon Link Road,
Mumbai - 80.



SHEET NO. - 17/15

CONTENTS OF SHEET

FLOOR PLAN,BUILT UP AREA DIAGRAM & REFUGE AREA CALCULATION

DATE OF APPROVAL OF PLANS

The Carpets Approved to the Previous plans Sanctioned under no. CE/4199/ BP(GA)/1 Dated 27.01.2016

EXECUTIVE ENGINEER
Bldg. Prop. (E.S.) 4

SUB. ENGINEER
(S.P.) 10W

ASST. ENGINEER
(S.P.) 10&1

BUILTUP AREA CALCULATION
34TH FLR (REFUGE FLR.)
(WING - A)

			SQ.MT.
AREA OF A	42.725 X 21.425	=	915.39
AREA OF D	2.15 X 3.975 X 0.50	=	4.27
AREA OF D1	4.52 X 0.47 X 0.67	=	1.42
AREA OF E	1.20 X 0.15	=	0.18
AREA OF K	0.95 X 1.00	=	0.95
AREA OF L	7.30 X 0.855	=	6.24
AREA OF M	7.25 X 0.855	=	6.20
AREA OF N	0.95 X 1.00	=	0.95
TOTAL ADDITION			935.59

DEDUCT

AREA OF 1	4.10 X 1.90	=	7.79
AREA OF 2	1.675 X 4.00	=	6.70
AREA OF 3	3.80 X 1.90	=	7.41
AREA OF 4	1.675 X 3.95	=	6.62
AREA OF 5	4.15 X 1.90	=	7.89
AREA OF 6	8.275 X 3.79	=	23.78
AREA OF 7	0.95 X 8.40	=	7.98
AREA OF 8	0.75 X 8.075	=	6.06
AREA OF 9	2.30 X 7.775	=	17.88
AREA OF 10	3.15 X 8.075	=	25.44
AREA OF 11	7.25 X 8.225	=	59.63
AREA OF 12	3.90 X 9.975	=	38.91
AREA OF 13	3.79 X 7.625	=	28.89
AREA OF 14	1.80 X 8.875	=	15.98
AREA OF 15	1.25 X 7.525	=	9.41
AREA OF 16	1.45 X 7.525	=	10.91
AREA OF 17	0.15 X 3.70	=	0.56
AREA OF 18	4.475 X 14.225	=	63.66
AREA OF 19	1.95 X 16.35	=	31.88
		=	365.65
BALANCE AREA (935.59 - 365.65)		=	569.94

ST. LIFT & PASSAGE DEDUCT

AREA OF S	9.10 X 7.875	=	68.64
AREA OF L	7.95 X 5.05	=	40.15
AREA OF LI	11.80 X 2.00	=	29.50
AREA OF P1	1.25 X 0.15	=	0.19
AREA OF P2	1.48 X 0.15	=	0.22
		=	138.90
TOTAL DEDUCTIONS (365.65+ 138.90)		=	525.55
TOTAL BUILTUP AREA PER FLOOR		=	569.94
TOTAL DEDUCTIONS (935.59 - 525.55)		=	410.04
TOTAL BUA = COLUMN AREA (410.04 + 5.92)		=	415.96
TOTAL BUA =EXCESS REFUGE AREA (415.96 + 0.00)		=	415.94

BUILTUP AREA CALCULATION
20TH. & 27TH FLR (REFUGE FLR.)
(WING - A)

			SQ.MT.
AREA OF A	42.725 X 21.425	=	915.39
AREA OF D	2.15 X 3.975 X 0.50	=	4.27
AREA OF D1	4.52 X 0.47 X 0.67	=	1.42
AREA OF E	1.20 X 0.15	=	0.18
AREA OF K	0.95 X 1.00	=	0.95
AREA OF L	7.30 X 0.855	=	6.24
AREA OF M	7.25 X 0.855	=	6.20
AREA OF N	0.95 X 1.00	=	0.95
TOTAL ADDITION			935.56

DEDUCT

AREA OF 1	4.10 X 1.90	=	7.79
AREA OF 2	1.675 X 4.00	=	6.70
AREA OF 3	3.80 X 1.90	=	7.41
AREA OF 4	1.675 X 3.95	=	6.62
AREA OF 5	4.15 X 1.90	=	7.89
AREA OF 6	8.275 X 3.79	=	23.78
AREA OF 7	0.95 X 8.40	=	7.98
AREA OF 8	0.75 X 8.075	=	6.06
AREA OF 9	2.30 X 7.775	=	17.88
AREA OF 10	3.15 X 8.075	=	25.44
AREA OF 11	7.25 X 8.225	=	59.63
AREA OF 12	3.90 X 9.975	=	38.91
AREA OF 13	3.79 X 7.625	=	28.89
AREA OF 14	1.80 X 8.875	=	15.98
AREA OF 15	1.25 X 7.525	=	9.41
AREA OF 16	1.45 X 7.525	=	10.91
AREA OF 17	0.15 X 3.70	=	0.41
AREA OF 18	4.475 X 14.23	=	63.66
AREA OF 19	3.95 X 16.35	=	64.60
		=	400.67
BALANCE AREA (935.59 - 400.67)		=	529.92

ST. LIFT & PASSAGE DEDUCT

AREA OF S	9.10 X 7.875	=	68.64
AREA OF L	7.95 X 5.05	=	40.15
AREA OF LI	11.80 X 2.00	=	29.50
AREA OF P1	1.25 X 0.15	=	0.19
AREA OF P2	1.48 X 0.15	=	0.22
		=	138.90
TOTAL DEDUCTIONS (400.67+ 138.90)		=	545.57
TOTAL BUILTUP AREA PER FLOOR		=	529.92
TOTAL DEDUCTIONS (935.59 - 545.57)		=	390.02
TOTAL BUA = COLUMN AREA (390.02 + 5.92)		=	395.94

CALCULATION OF EXTERNAL COLUMN
20TH , 27TH & 34TH FLR

AREA OF C4	1.18 X 0.75	=	0.89
AREA OF C5	3.60 X 0.45	=	1.60
AREA OF C6	1.20 X 0.280	=	0.32
AREA OF C8	1.26 X 0.35	=	0.42
AREA OF C10	0.60 X 0.50	=	0.30
AREA OF C11	0.80 X 0.75	=	0.68
AREA OF C12	0.40 X 1.20	=	0.48
AREA OF C13	0.75 X 0.76	=	0.57
AREA OF C14	0.80 X 2.00	=	0.60
AREA OF C15	0.30 X 0.50	=	0.08
TOTAL		=	5.92

COLUMN AREA DIAGRAM 20TH & 27TH & 34TH FLR

BUA AREA DIAGRAM 34TH FLR(REFUGE FLR)

REQ. REFUGE AREA PER FLR (34TH FLR)

4% OF (BUILT UP AREA) X FLR.	
(942.36) X 9% X 4%	186.47 SQ.MT
(415.96) X 1% X 4%	16.64 SQ.MT
TOTAL REQUIRED	125.11 SQ.MT
TOTAL PROPOSED	139.09 SQ.MT
EXCESS REFUGE	0.98 SQ.MT

PROPOSED REFUGE AREA (34TH FLR)
(WING - A)

			SQ.MT
AREA OF A	17.15 X 11.80	=	202.37
AREA OF B	3.60 X 1.38 X 0.50	=	2.48
AREA OF B1	3.60 X 0.38 X 0.67	=	0.92
AREA OF B2	1.38 X 0.15 X 0.67	=	0.14
TOTAL ADDITION			205.91

DEDUCT

AREA OF 1	1.10 X 2.15	=	2.31
AREA OF 2	3.775 X 2.375	=	8.96
AREA OF 3	8.575 X 6.65	=	57.02
AREA OF 5	2.30 X 0.15	=	0.34
AREA OF 6	1.775 X 1.55	=	2.66
AREA OF 9	0.825 X 2.05	=	1.76
AREA OF 7	4.85 X 0.20	=	0.81
AREA OF 8	1.67 X 2.15	=	3.51
AREA OF 9	3.75 X 0.20	=	0.75
AREA OF 10	1.80 X 0.50	=	0.88
AREA OF 11	1.85 X 0.20	=	0.36
AREA OF 12	0.75 X 0.50	=	0.37
TOTAL DEDUCTION		=	79.82
TOTAL PROPOSED REFUGE AREA			126.09
TOTAL DEDUCTIONS (205.91- 79.82)			

PROPOSED REFUGE AREA
20TH & 27TH FLR
(WING - A)

			SQ.MT
AREA OF A	17.15 X 11.80	=	202.37
AREA OF B	3.60 X 1.38 X 0.50	=	2.48
AREA OF B1	3.60 X 0.38 X 0.67	=	0.92
AREA OF B2	1.38 X 0.15 X 0.67	=	0.14
TOTAL ADDITION			205.91

DEDUCT

AREA OF 1	1.10 X 2.15	=	2.31
AREA OF 2	3.775 X 2.375	=	8.97
AREA OF 3	3.95 X 3.18	=	12.56
AREA OF 4	4.825 X 2.30	=	24.91
AREA OF 8	2.30 X 0.15	=	0.34
AREA OF 6	1.775 X 1.55	=	2.66
AREA OF 7	0.825 X 2.80	=	1.76
AREA OF 8	4.05 X 0.20	=	0.81
AREA OF 9	1.67 X 2.15	=	3.51
AREA OF 10	3.75 X 0.20	=	0.75
AREA OF 11	1.90 X 0.50	=	0.95
AREA OF 12	1.85 X 0.20	=	0.37
AREA OF 13	0.75 X 0.50	=	0.38
TOTAL DEDUCTION		=	59.96
TOTAL PROPOSED REFUGE AREA			146.01
TOTAL DEDUCTIONS (205.91- 59.90)			

BUA AREA DIAGRAM 20TH & 27TH FLR(REFUGE FLR)

REQ. REFUGE AREA PER FLR (20TH FLR & 27TH FLR)

4% OF (BUILT UP AREA) X FLR.	
(942.36) X 9% X 4%	150.17 SQ.MT
(395.94) X 1% X 4%	15.84 SQ.MT
TOTAL REQUIRED	166.01 SQ.MT
TOTAL PROPOSED	146.01 SQ.MT

BUA AREA DIAGRAM 20TH FLOOR PLAN (REFUGE FLR)

NOTES

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REVISION	DESCRIPTION	DATE	SIGNATURE

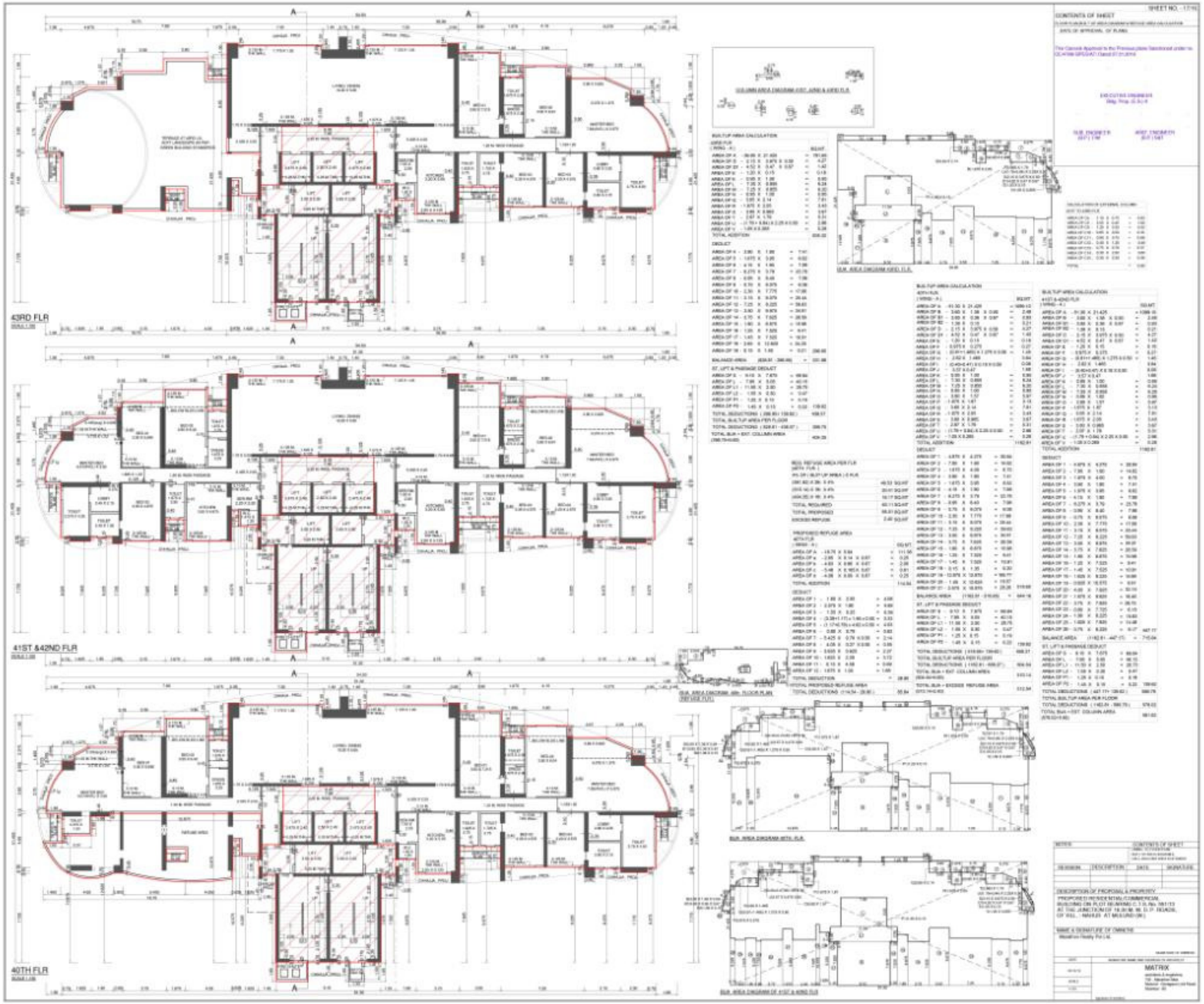
DESCRIPTION OF PROPOSAL & PROPERTY

PROPOSED RESIDENTIAL /COMMERCIAL BUILDING ON PLOT BEARING C.T.S. No. 951/13 AT THE JUNCTION OF 16.00 M. W. D. P. ROAD& OF VEL. (NAHUR AT MULUND (W.)

NAME & SIGNATURE OF OWNERS

Marathon Realty Pvt Ltd.

MATRIX
architects & engineers,
702, Marathon Max,
Mulund - Goregaon Link Road,
Mumbai - 80


43RD FLR
41ST &42ND FLR
40TH FLR