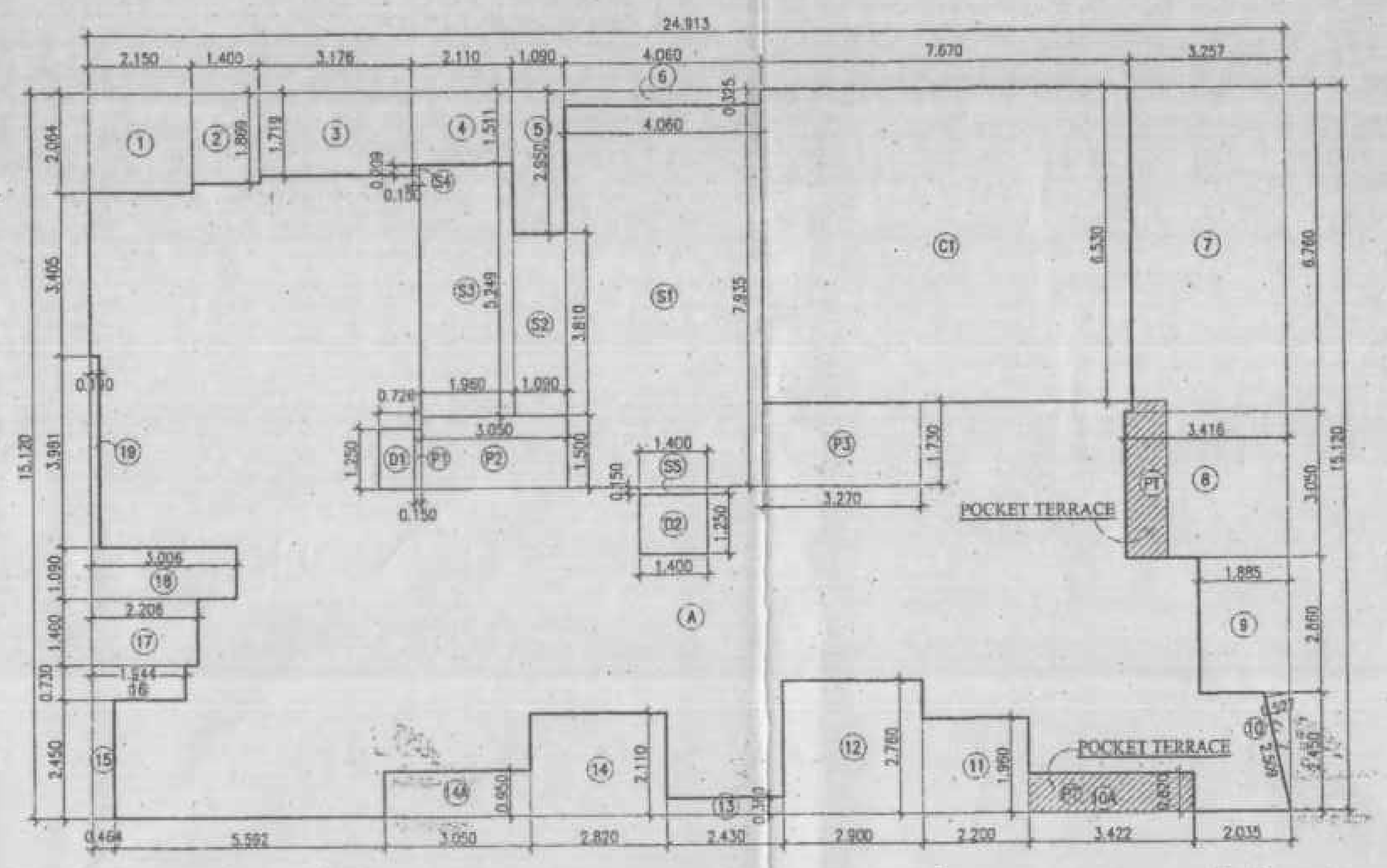
AREA DIAGRAM & CALCULATION 6TH TO 8TH FLOOR.

07

Approved Subject to Condition Mentioned in the file No.EEBP/ 6083/GS/A dt. 29/10/14

Asst. Eng. / Ex. Eng. Bldg. Proposal (City) I
Municipal Corporation of Greater Mumbai

SEBPCI



AREA DIAGRAM FOR 6TH FLOOR

BUILT UP AREA CALCULATION

FOR 6TH FLOOR				
A	24.913 X 15.120 X 1NO	=	376.685 SQ.MT.	
	TOTAL ADDITION	=	376.685 SQ.MT.	X

DEDUCTIONS

1	2.150 X 2.064 X 1NO	=	4.438 SQ.MT.	
2	1.400 X 1.870 X 1NO	=	2.618 SQ.MT.	
3	3.176 X 1.720 X 1NO	=	5.463 SQ.MT.	
4	2.110 X 1.511 X 1NO	=	3.188 SQ.MT.	
5	1.090 X 2.950 X 1NO	=	3.216 SQ.MT.	
6	4.060 X 0.325 X 1NO	=	1.320 SQ.MT.	
7	3.257 X 6.760 X 1NO	=	22.017 SQ.MT.	
8	3.416 X 3.050 X 1NO	=	10.419 SQ.MT.	
9	1.885 X 2.860 X 1NO	=	5.391 SQ.MT.	
10	1/2 X 2.509 X 0.527 X 1NO	=	0.661 SQ.MT.	
10A	3.422 X 0.820 X 1NO	=	2.806 SQ.MT.	
11	2.200 X 1.960 X 1NO	=	4.312 SQ.MT.	
12	2.900 X 2.760 X 1NO	=	8.004 SQ.MT.	
13	2.430 X 0.360 X 1NO	=	0.875 SQ.MT.	
14	2.820 X 2.110 X 1NO	=	5.950 SQ.MT.	
14A	3.050 X 0.950 X 1NO	=	2.898 SQ.MT.	
15	0.464 X 2.450 X 1NO	=	1.137 SQ.MT.	
16	1.944 X 0.730 X 1NO	=	1.419 SQ.MT.	
17	2.206 X 1.400 X 1NO	=	3.088 SQ.MT.	
18	3.006 X 1.090 X 1NO	=	3.277 SQ.MT.	
19	0.190 X 3.981 X 1NO	=	0.756 SQ.MT.	
	TOTAL DEDUCTION	=	93.253 SQ.MT.	Y1

STAIRCASE & LIFT AREA

FOR 6TH FLOOR				
S1	4.060 X 7.935 X 1NO	=	32.216 SQ.MT.	
S2	1.090 X 3.810 X 1NO	=	4.153 SQ.MT.	
S3	1.960 X 5.249 X 1NO	=	10.288 SQ.MT.	
S4	0.150 X 0.209 X 1NO	=	0.031 SQ.MT.	
S5	1.400 X 0.150 X 1NO	=	0.210 SQ.MT.	
TOTAL STAIR. & LIFT AREA PER FL. (FOR 2ND FLOOR)		=	46.898 SQ.MT.	Y2

COMMON PASSAGE AREA CALCULATION

FOR 6TH FLOOR				
P1	0.150 X 1.250 X 1NO	=	0.188 SQ.MT.	
P2	3.050 X 1.500 X 1NO	=	4.575 SQ.MT.	
P3	3.270 X 1.730 X 1NO	=	5.657 SQ.MT.	
TOTAL COMMON PASSAGE AREA (FOR 2ND FLOOR)		=	10.420 SQ.MT.	Y3

PARKING TOWER AREA CALCULATION

FOR 6TH FLOOR				
C1	7.670 X 6.530 X 1NO	=	50.085 SQ.MT.	
TOTAL PARKING TOWER AREA		=	50.085 SQ.MT.	Y4

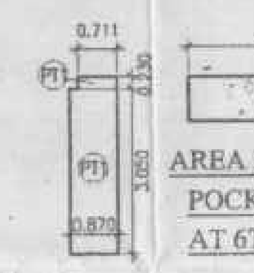
DUCT AREA CALCULATION

FOR 6TH FLOOR				
D1	0.726 X 1.250 X 1NO	=	0.908 SQ.MT.	
D2	1.400 X 1.250 X 1NO	=	1.750 SQ.MT.	
TOTAL DUCT AREA		=	2.658 SQ.MT.	Y5

TOTAL DEDUCTIONS. (Y1+Y2+Y3+Y4+Y5)	=	203.314 SQ.MT.	X1
TOTAL PROPOSED REHAB RESI.BUILT AREA FOR 2ND FLOOR [X– X1]	=	173.371 SQ.MT.	

REFUGE AREA REQUIRED ON 8TH FLOOR

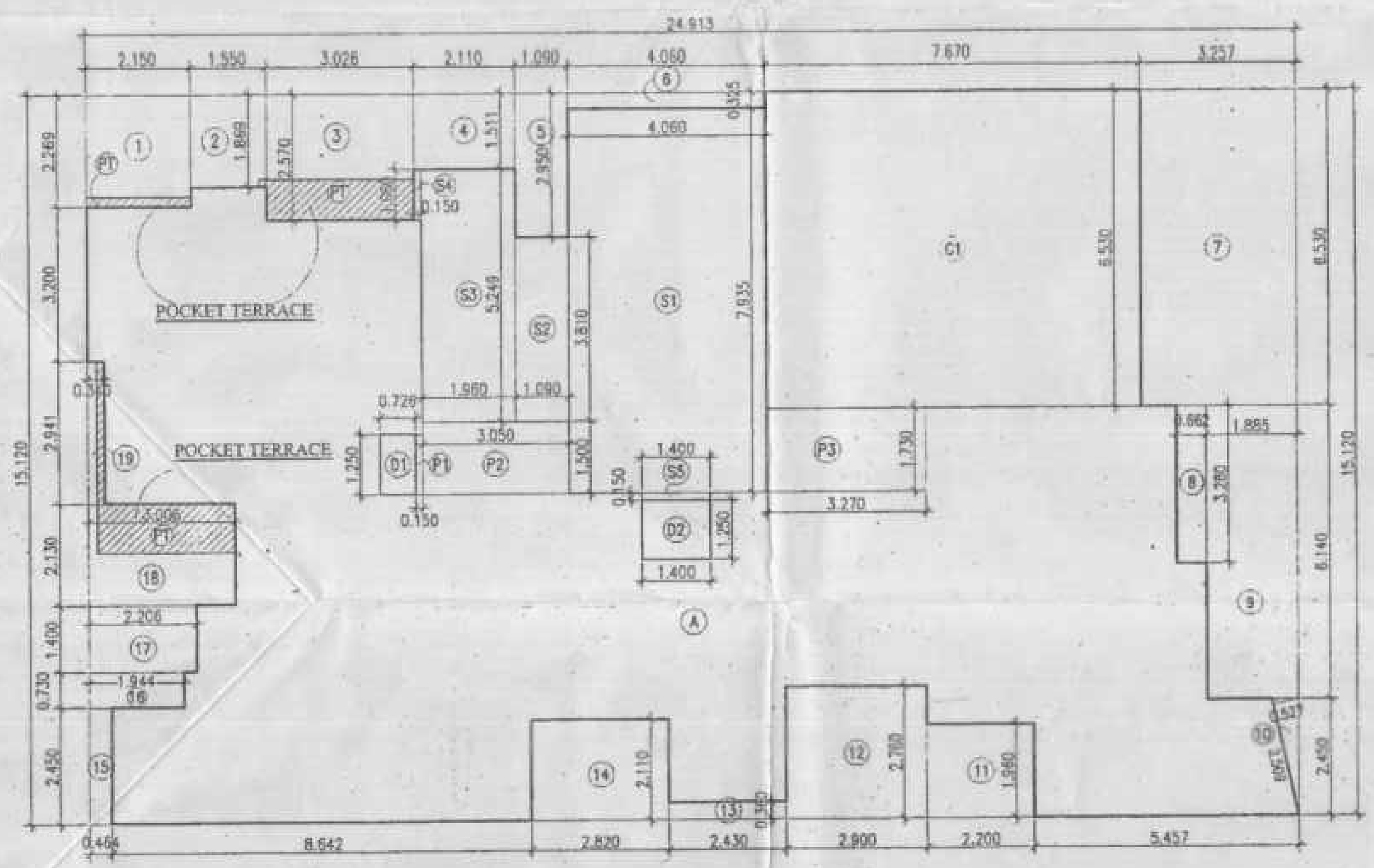
8TH FLR B/U AREA	=	125.318 SQ.MT.
9TH TO 13TH FLR B/U AREA 172.064 X 5 FLRS.	=	860.320 SQ.MT.
14TH FLR B/U AREA	=	166.444 SQ.MT.
8TH TO 14TH FLOOR TOTAL HABITABLE B/U AREA	=	1152.082 SQ.MT.
REQUIRED REFUGE AREA 4% ON HABITABLE B/U AREA	=	46.083 SQ.MT.
PROPOSED REFUGE AREA	=	46.746 SQ.MT.
EXCESS REFUGE AREA	=	0.663 SQ.MT.



AREA DIAGRAM FOR POCKET TERRACE AT 6TH FLOOR

POCKET TERRACE AREA CALCULATION

FOR 6TH FLOOR				
PT1	0.711 X 0.230 X 1NO	=	0.164 SQ.MT.	
PT2	0.870 X 3.050 X 1NO	=	2.654 SQ.MT.	
PT3	3.422 X 0.820 X 1NO	=	2.806 SQ.MT.	
	TOTAL POCKET TERRACE AREA	=	5.624 SQ.MT.	X



AREA DIAGRAM FOR 7TH FLOOR

BUILT UP AREA CALCULATION

FOR 7TH FLOOR				
A	24.913 X 15.120 X 1NO	=	376.685 SQ.MT.	
	TOTAL ADDITION	=	376.685 SQ.MT.	X

DEDUCTIONS

1	2.150 X 2.269 X 1NO	=	4.878 SQ.MT.	
2	1.550 X 1.869 X 1NO	=	2.897 SQ.MT.	
3	3.026 X 2.570 X 1NO	=	7.777 SQ.MT.	
4	2.110 X 1.511 X 1NO	=	3.188 SQ.MT.	
5	1.090 X 2.950 X 1NO	=	3.216 SQ.MT.	
6	4.060 X 0.325 X 1NO	=	1.320 SQ.MT.	
7	3.257 X 6.530 X 1NO	=	21.268 SQ.MT.	
8	0.662 X 3.280 X 1NO	=	2.171 SQ.MT.	
9	1.885 X 6.140 X 1NO	=	11.574 SQ.MT.	
10	1/2 X 2.509 X 0.527 X 1NO	=	0.661 SQ.MT.	
11	2.200 X 1.960 X 1NO	=	4.312 SQ.MT.	
12	2.900 X 2.760 X 1NO	=	8.004 SQ.MT.	
13	2.430 X 0.360 X 1NO	=	0.875 SQ.MT.	
14	2.820 X 2.110 X 1NO	=	5.950 SQ.MT.	
15	0.464 X 2.450 X 1NO	=	1.137 SQ.MT.	
16	1.944 X 0.730 X 1NO	=	1.419 SQ.MT.	
17	2.206 X 1.400 X 1NO	=	3.088 SQ.MT.	
18	3.006 X 2.130 X 1NO	=	6.403 SQ.MT.	
19	0.340 X 2.941 X 1NO	=	1.000 SQ.MT.	
	TOTAL DEDUCTION	=	91.138 SQ.MT.	Y1

STAIRCASE & LIFT AREA

FOR 7TH FLOOR				
S1	4.060 X 7.935 X 1NO	=	32.216 SQ.MT.	
S2	1.090 X 3.810 X 1NO	=	4.153 SQ.MT.	
S3	1.960 X 5.249 X 1NO	=	10.288 SQ.MT.	
S4	0.150 X 1.060 X 1NO	=	0.159 SQ.MT.	
S5	1.400 X 0.150 X 1NO	=	0.210 SQ.MT.	
TOTAL STAIR. & LIFT AREA PER FL.		=	47.028 SQ.MT.	Y2

COMMON PASSAGE AREA CALCULATION

FOR 7TH FLOOR				
P1	0.150 X 1.250 X 1NO	=	0.188 SQ.MT.	
P2	3.050 X 1.500 X 1NO	=	4.575 SQ.MT.	
P3	3.270 X 1.730 X 1NO	=	5.657 SQ.MT.	
TOTAL COMMON PASSAGE AREA		=	10.420 SQ.MT.	Y3

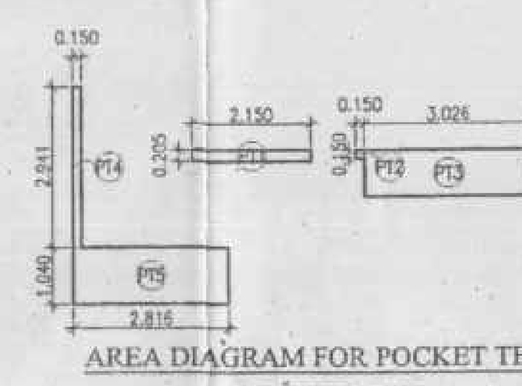
PARKING TOWER AREA CALCULATION

FOR 7TH FLOOR				
C1	7.670 X 6.530 X 1NO	=	50.085 SQ.MT.	
TOTAL PARKING TOWER AREA		=	50.085 SQ.MT.	Y4

DUCT AREA CALCULATION

FOR 7TH FLOOR				
D1	0.726 X 1.250 X 1NO	=	0.908 SQ.MT.	
D2	1.400 X 1.250 X 1NO	=	1.750 SQ.MT.	
TOTAL DUCT AREA		=	2.658 SQ.MT.	Y5

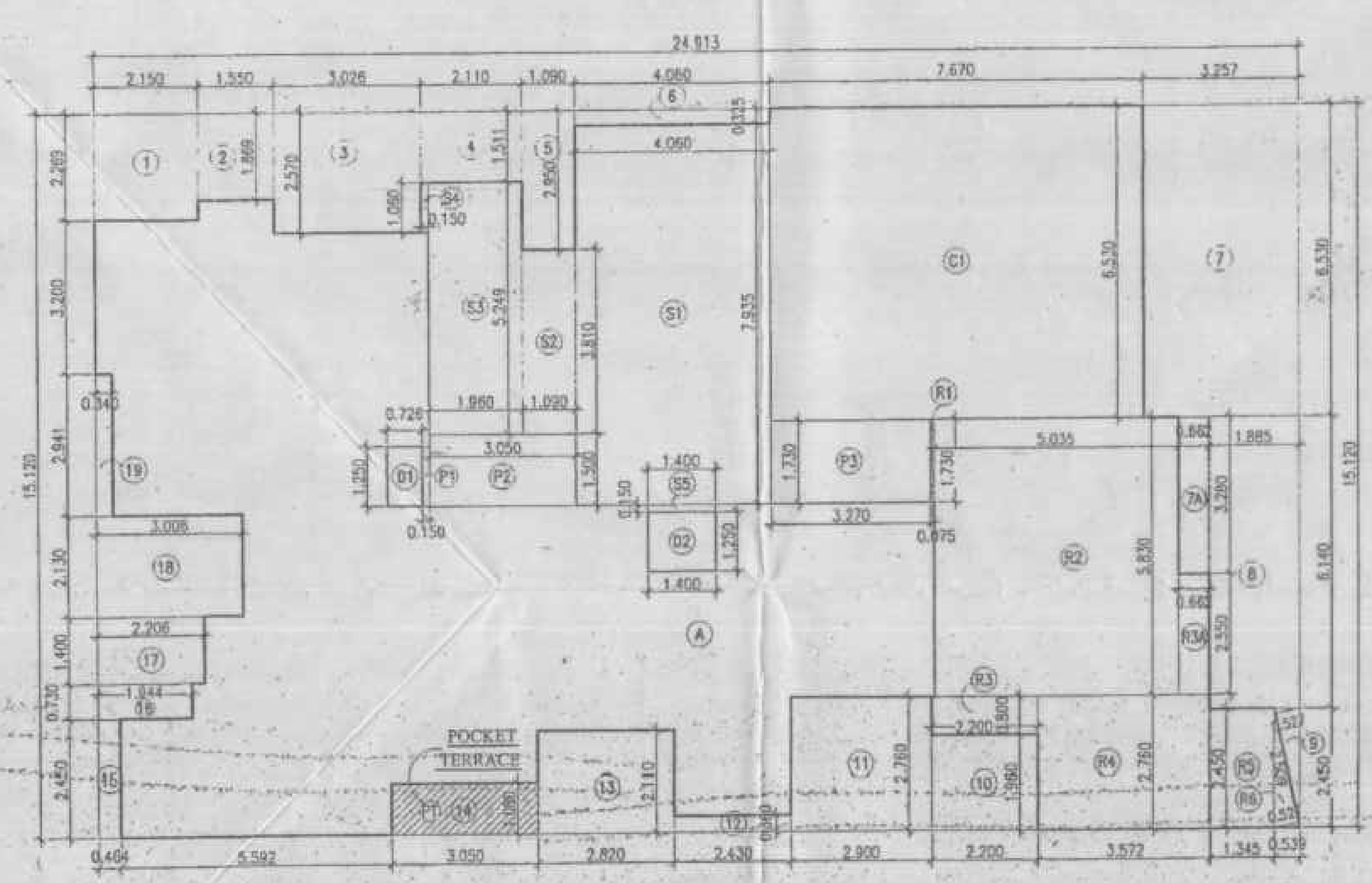
TOTAL DEDUCTIONS. (Y1+Y2+Y3+Y4+Y5)	=	201.327 SQ.MT.	X1
TOTAL PROPOSED REHAB RESI.BUILT AREA FOR 7TH FLOOR [X– X1]	=	175.358 SQ.MT.	



AREA DIAGRAM FOR POCKET TERRACE AT 7TH FLOOR

POCKET TERRACE AREA CALCULATION

FOR 7TH FLOOR				
PT1	2.150 X 0.205 X 1NO	=	0.441 SQ.MT.	
PT2	0.150 X 0.150 X 1NO	=	0.023 SQ.MT.	
PT3	3.026 X 0.851 X 1NO	=	2.575 SQ.MT.	
PT4	0.150 X 2.941 X 1NO	=	0.441 SQ.MT.	
PT5	2.816 X 1.040 X 1NO	=	2.929 SQ.MT.	
	TOTAL POCKET TERRACE AREA	=	6.409 SQ.MT.	X



AREA DIAGRAM FOR 8TH (REFUGE) FLOOR

BUILT UP AREA CALCULATION

FOR 8TH (REFUGE) FLOOR				
A	24.913 X 15.120 X 1NO	=	376.685 SQ.MT.	
	TOTAL ADDITION	=	376.685 SQ.MT.	X

DEDUCTIONS

1	2.150 X 2.269 X 1NO	=	4.878 SQ.MT.	
2	1.550 X 1.869 X 1NO	=	2.897 SQ.MT.	
3	3.026 X 2.570 X 1NO	=	7.777 SQ.MT.	
4	2.110 X 1.511 X 1NO	=	3.188 SQ.MT.	
5	1.090 X 2.950 X 1NO	=	3.216 SQ.MT.	
6	4.060 X 0.325 X 1NO	=	1.320 SQ.MT.	
7	3.257 X 6.530 X 1NO	=	21.268 SQ.MT.	
7A	0.662 X 3.280 X 1NO	=	2.171 SQ.MT.	
8	1.885 X 6.140 X 1NO	=	11.574 SQ.MT.	
9	1/2 X 2.509 X 0.527 X 1NO	=	0.661 SQ.MT.	
10	2.200 X 1.960 X 1NO	=	4.312 SQ.MT.	
11	2.900 X 2.760 X 1NO	=	8.004 SQ.MT.	
12	2.430 X 0.360 X 1NO	=	0.875 SQ.MT.	
13	2.820 X 2.110 X 1NO	=	5.950 SQ.MT.	
14	3.050 X 1.080 X 1NO	=	3.294 SQ.MT.	
15	0.464 X 2.450 X 1NO	=	1.137 SQ.MT.	
16	1.944 X 0.730 X 1NO	=	1.419 SQ.MT.	
17	2.206 X 1.400 X 1NO	=	3.088 SQ.MT.	
18	3.006 X 2.130 X 1NO	=	6.403 SQ.MT.	
19	0.340 X 2.941 X 1NO	=	1.000 SQ.MT.	
	TOTAL DEDUCTION	=	94.432 SQ.MT.	Y1

STAIRCASE & LIFT AREA

FOR 8TH (REFUGE) FLOOR				
S1	4.060 X 7.935 X 1NO	=	32.216 SQ.MT.	
S2	1.090 X 3.810 X 1NO	=	4.153 SQ.MT.	
S3	1.960 X 5.249 X 1NO	=	10.288 SQ.MT.	
S4	0.150 X 1.060 X 1NO	=	0.159 SQ.MT.	
S5	1.400 X 0.150 X 1NO	=	0.210 SQ.MT.	
TOTAL STAIR. & LIFT AREA PER FL.		=	47.028 SQ.MT.	Y2

COMMON PASSAGE AREA CALCULATION

FOR 8TH (REFUGE) FLOOR				
P1	0.150 X 1.250 X 1NO	=	0.188 SQ.MT.	
P2	3.050 X 1.500 X 1NO	=	4.575 SQ.MT.	
P3	3.270 X 1.730 X 1NO	=	5.657 SQ.MT.	
TOTAL COMMON PASSAGE AREA		=	10.420 SQ.MT.	Y3

PARKING TOWER AREA CALCULATION

FOR 8TH (REFUGE) FLOOR				
C1	7.670 X 6.530 X 1NO	=	50.085 SQ.MT.	
TOTAL PARKING TOWER AREA		=	50.085 SQ.MT.	Y4

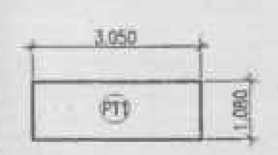
DUCT AREA CALCULATION

FOR 8TH (REFUGE) FLOOR				
D1	0.726 X 1.250 X 1NO	=	0.908 SQ.MT.	
D2	1.400 X 1.250 X 1NO	=	1.750 SQ.MT.	
TOTAL DUCT AREA		=	2.658 SQ.MT.	Y5

REFUGE AREA CALCULATION

FOR 8TH (REFUGE) FLOOR				
R1	0.075 X 1.730 X 1NO	=	0.130 SQ.MT.	
R2	5.035 X 5.830 X 1NO	=	29.354 SQ.MT.	
R3	2.200 X 0.800 X 1NO	=	1.760 SQ.MT.	
R3A	0.662 X 2.550 X 1NO	=	1.688 SQ.MT.	
R4	3.572 X 2.760 X 1NO	=	9.858 SQ.MT.	
R5	1.345 X 2.450 X 1NO	=	3.295 SQ.MT.	
R6	1/2 X 2.509 X 0.527 X 1NO	=	0.661 SQ.MT.	
TOTAL REFUGE AREA		=	46.746 SQ.MT.	Y6

TOTAL DEDUCTIONS. (Y1+Y2+Y3+Y4+Y5+Y6)	=	254.367 SQ.MT.	X1
TOTAL PROPOSED REHAB RESI.BUILT AREA FOR 7TH FLOOR [X– X1]	=	125.318 SQ.MT.	



AREA DIAGRAM FOR POCKET TERRACE AT 8TH FLOOR

POCKET TERRACE AREA CALCULATION

FOR 7TH FLOOR				
PT1	3.050 X 1.080 X 1NO	=	3.294 SQ.MT.	
	TOTAL POCKET TERRACE AREA	=	3.294 SQ.MT.	X

PROFORMA "B"

CONTENTS OF SHEETS
AREA DIAGRAM & CALCULATION FOR 6TH TO 8TH FLOOR.

STAMP OF DATE OF RECEIPT OF PLANS | STAMP OF APPROVAL PLANS

बृहन्मुंबई महानगरपालिका कार्यकारी अभियंता इमारत प्रस्ताव (शहर) १ कार्य
दिनांक 29 OCT 2014

CERTIFICATE OF AREA

CERTIFIED THAT THE PLOT UNDER REFERENCE WAS SURVEYED BY ME ON 5 / 7/ 2012 AND THE DIMENTIONS OF THE SIDES 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/AND T.P. SCHEME RECORDS/ LAND RECORDS DEPT/ CITY SURVEY RECORDS.

SIGNATURE OF LIC.ARCHITECT

DESCRIPTION OF PROPSAL & PROPERTY

PROPOSED REDEVELOPMENT OF PROPERTY BEARING C.S.NO.201 OF LOWER PAREL DIVN. BUILDING NO.191-195,BEARING CESS NO.GS/2404(2),SITUATED AT N.M. JOSHI MARG, LOWER PAREL, MUMBAI -400 013,KNOWN AS "GORA GHANDHI BUILDING".

NAME OF DEVELOPER
M/S ECOSTRUK INFRA PVT. LTD.

JOB.NO | DATE | SIGNATURE OF DEVELOPER

DRW.NO 07 | SCALE 1:100 | NORTH | DRN.BY SHRIKANT | CHEK.BY RAJENDRA | FILE LOCATION

RAJENDRA U. PAGNIS
PAGNIS AND PAGNIS
ARCHITECTS DESIGNERS & PLANNING CONSULTANTS
4, ANAND, OPP. VITHAL MANDIR,D.L.VAIDYA ROAD, DADAR(WEST), MUMBAI-400 028.
OFF.TEL-24312025,24308051.