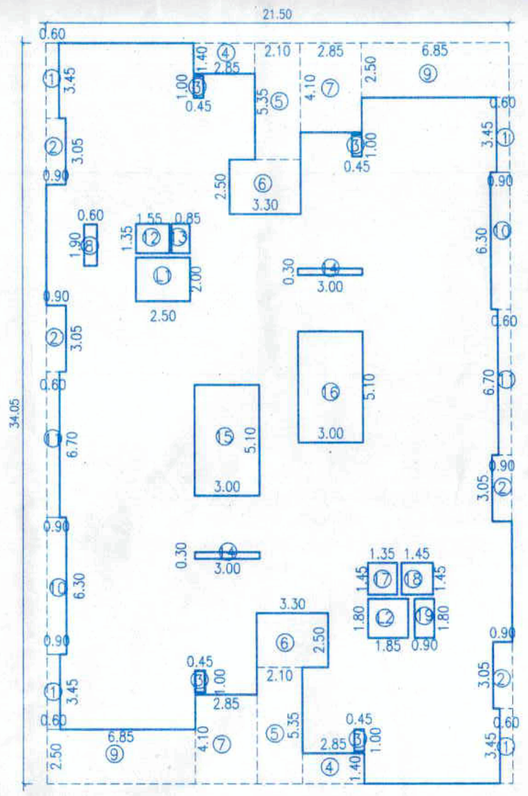
AREA CALCULATION OF 1ST TO 3RD, 5TH TO 8TH FLOOR - MHADA

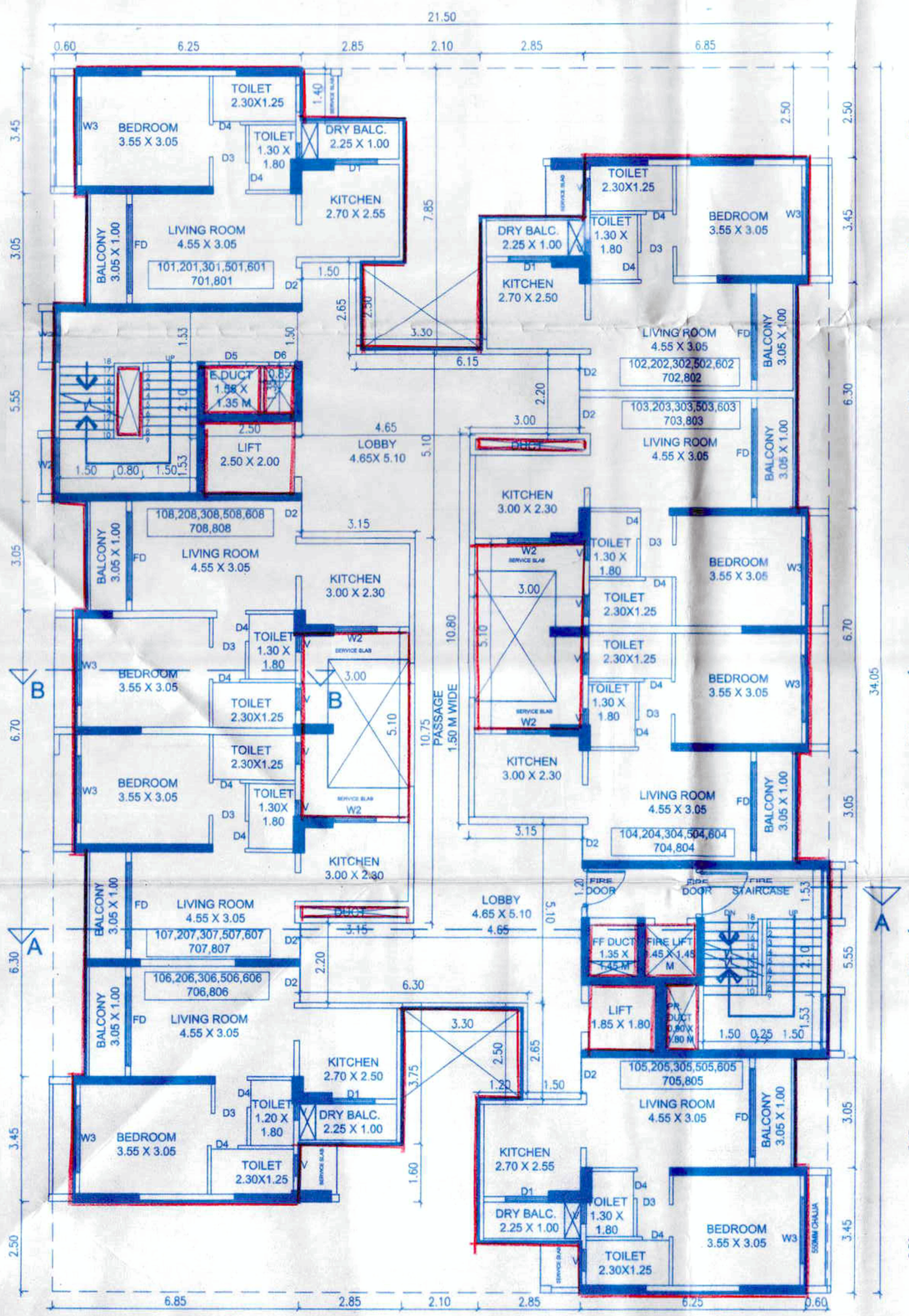


AREA OF BLOCK = 21.50 X 34.05
= 732.08 SQ.M.

DEDUCTIONS :-

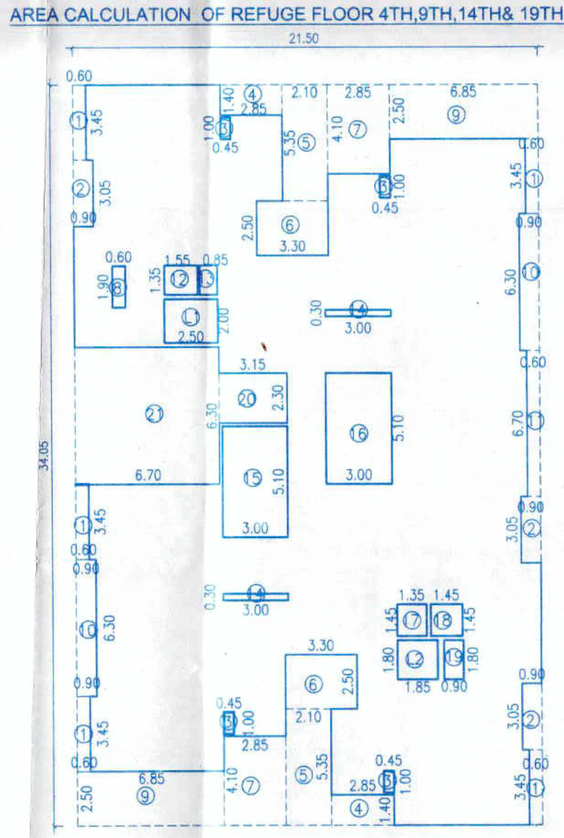
1.	0.60 X 3.45 X 4	=	8.28 SQ.M.
2.	0.90 X 3.05 X 4	=	10.98 SQ.M.
3.	0.45 X 1.00 X 4	=	1.80 SQ.M.
4.	2.85 X 1.40 X 2	=	7.98 SQ.M.
5.	2.10 X 5.35 X 2	=	22.47 SQ.M.
6.	3.30 X 2.50 X 2	=	16.50 SQ.M.
7.	2.85 X 4.10 X 2	=	23.37 SQ.M.
8.	0.60 X 1.90 X 1	=	1.14 SQ.M.
9.	6.85 X 2.50 X 2	=	34.25 SQ.M.
10.	0.90 X 6.30 X 2	=	11.34 SQ.M.
11.	0.60 X 6.70 X 1	=	4.02 SQ.M.
12.	1.55 X 1.35 X 1	=	2.09 SQ.M.
13.	0.85 X 1.35 X 1	=	1.15 SQ.M.
14.	3.00 X 0.30 X 2	=	1.80 SQ.M.
15.	3.00 X 5.10 X 1	=	15.30 SQ.M.
16.	3.00 X 5.10 X 1	=	15.30 SQ.M.
17.	1.35 X 1.45 X 1	=	1.96 SQ.M.
18.	1.45 X 1.45 X 1	=	2.10 SQ.M.
19.	0.90 X 1.80 X 1	=	1.62 SQ.M.
L1.	2.50 X 2.00 X 1	=	5.00 SQ.M.
L2.	1.85 X 1.80 X 1	=	3.33 SQ.M.

TOTAL DEDUCTIONS = 195.80 SQ.M.
NET AREA = 732.08 – 195.80
= 536.28 SQ.M.



TYPICAL FLOOR PLAN OF 1ST TO 3RD, 5TH TO 8TH FLOOR - MHADA

AREA CALCULATION OF REFUGE FLOOR 4TH,9TH,14TH& 19TH FLOOR

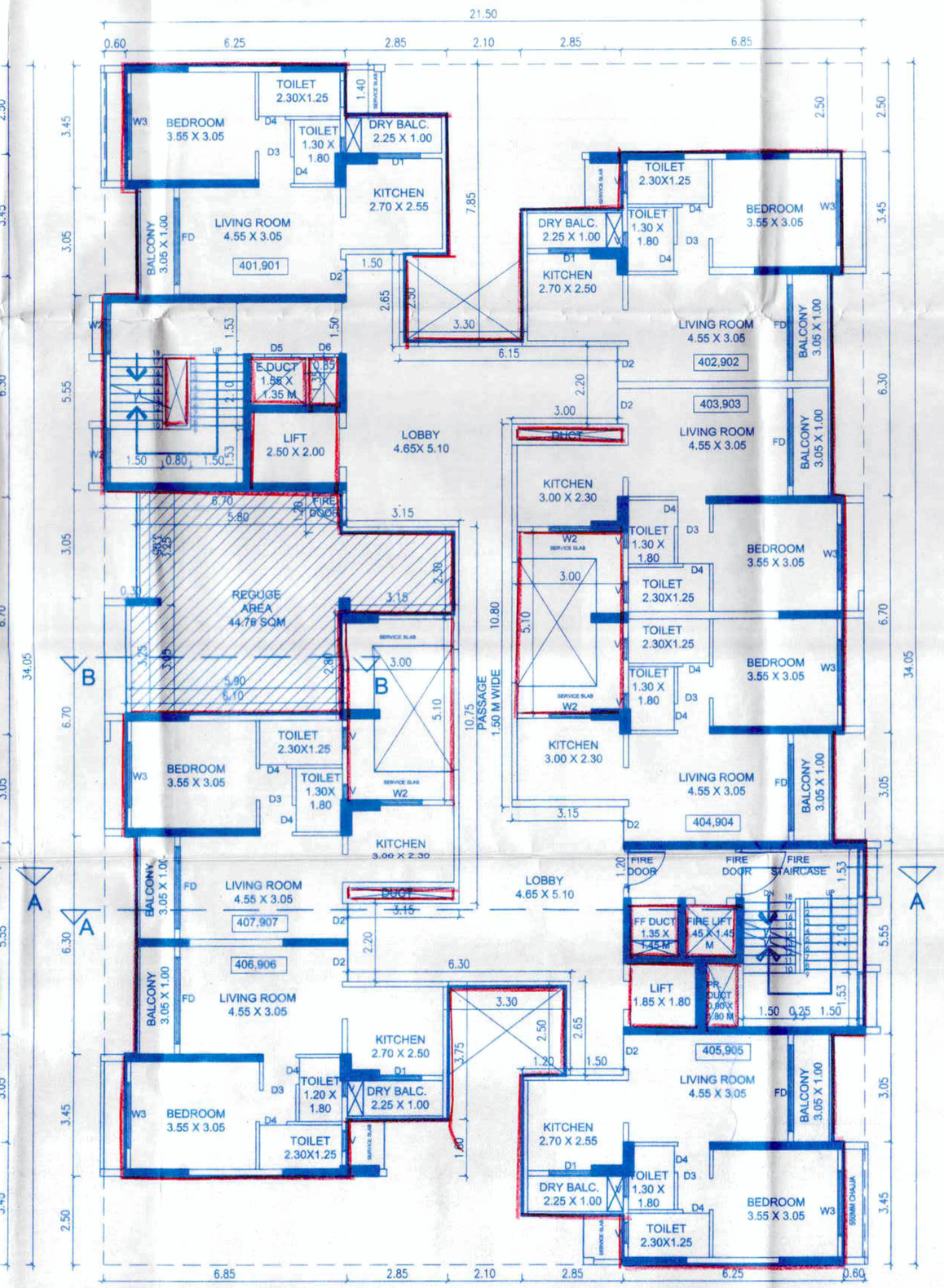


AREA OF BLOCK = 21.50 X 34.05
= 732.08 SQ.M.

DEDUCTIONS :-

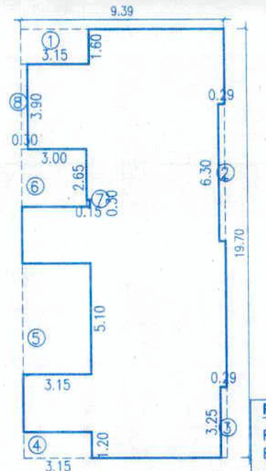
1.	**0.60 X 3.45 X 5**	**=**	10.35 SQ.M.
2.	**0.90 X 3.05 X 3**	**=**	8.24 SQ.M.
3.	0.45 X 1.00 X 4	=	1.80 SQ.M.
4.	2.85 X 1.40 X 2	=	7.98 SQ.M.
5.	2.10 X 5.35 X 2	=	22.47 SQ.M.
6.	3.30 X 2.50 X 2	=	16.50 SQ.M.
7.	2.85 X 4.10 X 2	=	23.37 SQ.M.
8.	0.60 X 1.90 X 1	=	1.14 SQ.M.
9.	6.85 X 2.50 X 2	=	34.25 SQ.M.
10.	0.90 X 6.30 X 2	=	11.34 SQ.M.
11.	0.60 X 6.70 X 1	=	4.02 SQ.M.
12.	1.55 X 1.35 X 1	=	2.09 SQ.M.
13.	0.85 X 1.35 X 1	=	1.15 SQ.M.
14.	3.00 X 0.30 X 2	=	1.80 SQ.M.
15.	3.00 X 5.10 X 1	=	15.30 SQ.M.
16.	3.00 X 5.10 X 1	=	15.30 SQ.M.
17.	1.35 X 1.45 X 1	=	1.96 SQ.M.
18.	1.45 X 1.45 X 1	=	2.10 SQ.M.
19.	0.90 X 1.80 X 1	=	1.62 SQ.M.
20.	3.15 X 2.30 X 1	=	7.25 SQ.M.
21.	**6.70 X 6.30 X 1**	**=**	42.21 SQ.M.
L1.	2.50 X 2.00 X 1	=	5.00 SQ.M.
L2.	1.85 X 1.80 X 1	=	3.33 SQ.M.

TOTAL DEDUCTIONS = 240.57 SQ.M.
NET AREA = 732.08 – 240.57
= 491.51 SQ.M.



REFUGE FLOOR PLAN
TYPICAL FLOOR PLAN OF 4TH ,9TH FLOOR - MHADA

AREA CALCULATION OF 10TH FLOOR - MHADA



AREA OF BLOCK = 9.39 X 19.70
= 184.98 SQ.M.

DEDUCTIONS :-

1.	3.15 X 1.60 X 1	=	5.04 SQ.M.
2.	0.29 X 6.30 X 1	=	1.83 SQ.M.
3.	0.29 X 3.25 X 1	=	0.94 SQ.M.
4.	3.15 X 1.20 X 1	=	3.78 SQ.M.
5.	3.15 X 5.10 X 1	=	16.07 SQ.M.
6.	3.00 X 2.65 X 1	=	7.95 SQ.M.
7.	0.15 X 0.30 X 1	=	0.05 SQ.M.
8.	0.30 X 3.90 X 1	=	1.17 SQ.M.

TOTAL DEDUCTIONS = 36.83 SQ.M.
NET AREA = 184.98 – 36.83
= 148.15 SQ.M.

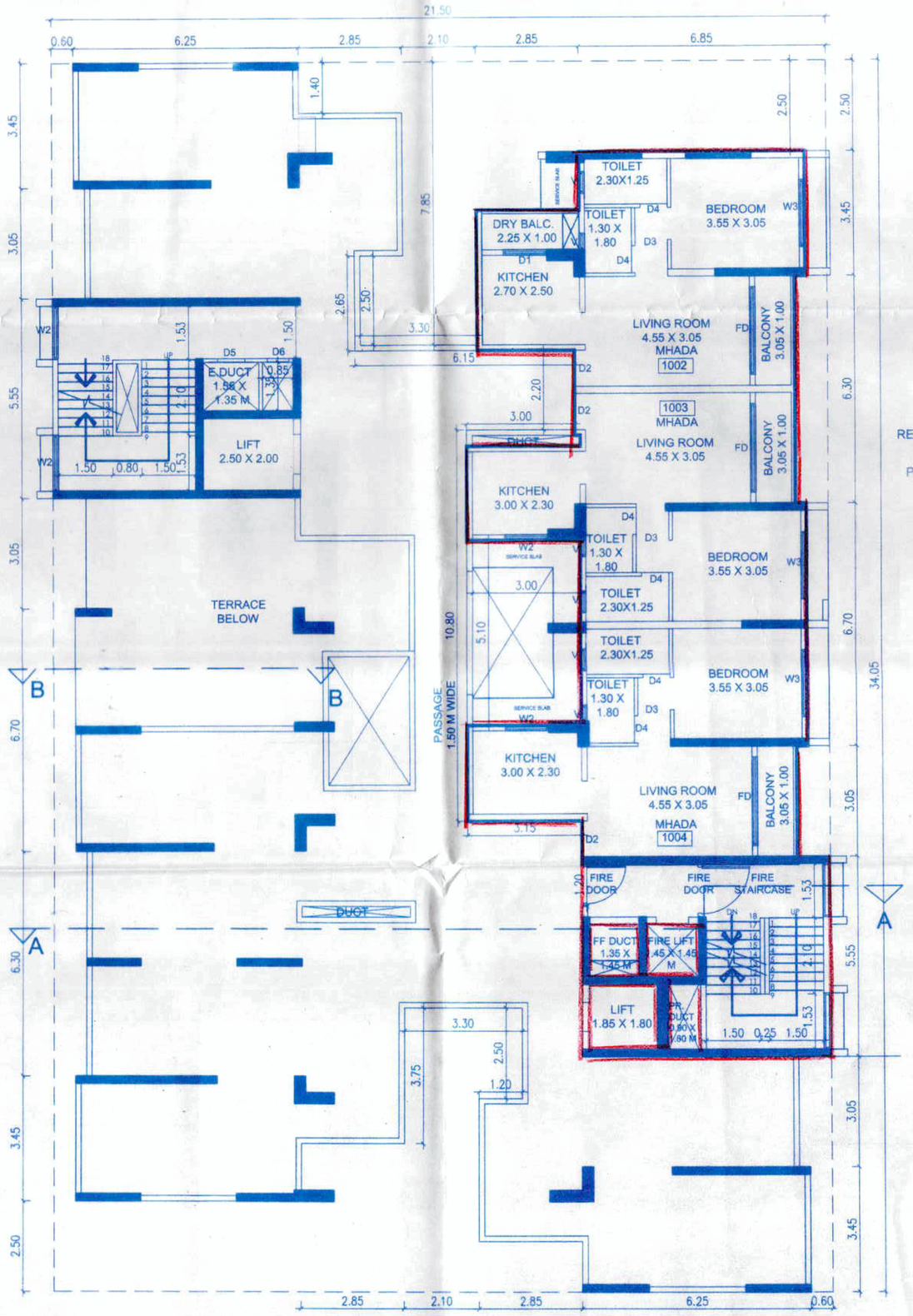
PARKING STATEMENT- C1 BLDG.

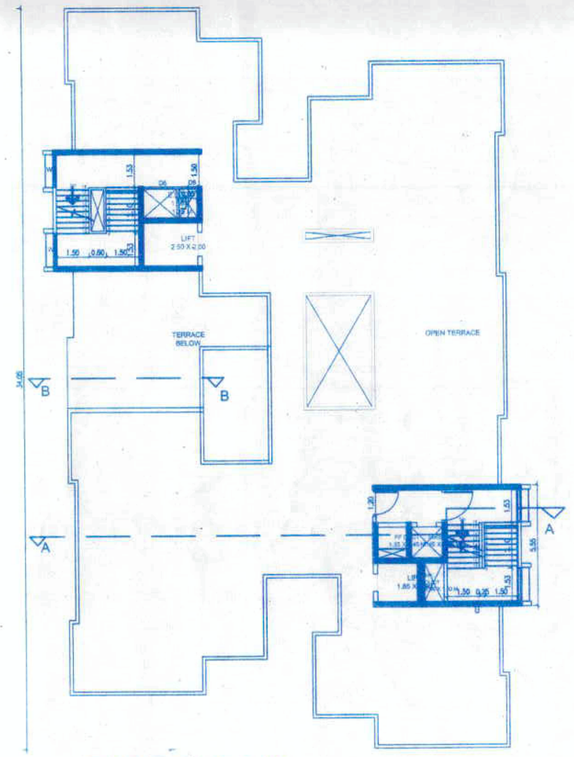
FOR EVERY 2 TENAMENT HAVING CARPET AREA EQUAL TO OR ABOVE 30SQ.M BUT LESS THAN 40SQ.M

REQUIRED PARKING	CAR	SCOOTER
	1	2

2 TENAMENT HAVING CARPET AREA BETWEEN 30 -40SQ.M = 148 TENAMENTS

PROPOSED PARKING	CAR	SCOOTER
	74	148
5% VISITORS	4	7
TOTAL REQ. PARKING	78	155





TERRACE FLOOR PLAN

C1-WING MHADA FLOOR AREA STATEMENT

FLOOR	FLOOR AREA SQ.M.	TENEMENT NO.S
PARKING		
1ST	536.28	8
2ND	536.28	8
3RD	536.28	8
4TH	491.51	7
5TH	536.28	8
6TH	536.28	8
7TH	536.28	8
8TH	536.28	8
9TH	491.51	7
10TH	148.15	3
TOTAL	4885.13	73 TENEMENT

REQUIRED MHADA AREA =20%OF 24381.41
= 4876.28 SQM
PROPOSED MHADA AREA = 4885.13 SQM

LIFT AREA CALCULATIONS

LIFT AREA
= 1.85 X 1.80
= 3.33 SQ.M.

FIRE ESCAPE LIFT AREA
= 1.45 X 1.45
= 2.10 SQ.M.

STRETCHER LIFT AREA
= 2.50 X 2.00
= 5.00 SQ.M.

SEAL OF APPROVAL FOR PLANS

20 / 23

REVISED
APPROVED SUBJECT TO CONDITION
APPROVED UNDER COMMENCEMENT CERTIFICATE NO CC/1003/23
DATE 31/07/2023

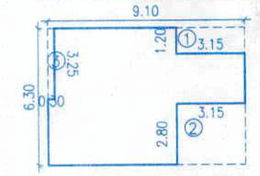
Building Inspector
Building Development Department

Deputy Engineer

PUNE MUNICIPAL CORPORATION
BUILDING DEVELOPMENT DEPARTMENT
APPROVED
PUNE

WING - 'C1(MHADA & SALE)'

REFUGE AREA STATEMENT:



KEY PLAN FOR AREA CALCULATION OF REFUGE AREA

AREA CALCULATION OF REFUGE AREA

AREA OF BLOCK = 9.10 X 6.30
= 57.33 SQ.M.

DEDUCTIONS :-

1.	3.15 X 1.20 X 1	=	3.78 SQ.M.
2.	3.15 X 2.80 X 1	=	8.82 SQ.M.
3.	0.30 X 3.25 X 1	=	0.98 SQ.M.

TOTAL DEDUCTIONS = 13.58 SQ.M.
NET AREA = 57.33 – 13.58
= 43.75 SQ.M.

REFUGE AREA STATEMENT

REQUIRED REFUGE AREA = 16 FLATS X 5 X 0.30
= 24.00 SQ.M.

REQUIRED MIN REFUGE AREA = 24.00 SQ.M.
PROPOSED REFUGE AREA = 43.75 SQ.M.

EXCESS COVERED REFUFE AREA TAKEN IN FSI=(43.75–24.00) X2 FLOORS
= 19.75X2 = 39.50 SQ.M.

TENEMENTS STATEMENT FOR MHADA

BUILDING NAME	NO. OF TENEMENT	TENEMENT NOS.
C1	73	101,102,103,104,105,106,107,108 201,202,203,204,205,206,207,208 301,302,303,304,305,306,307,308 401,402,403,404,405,406,407 501,502,503,504,505,506,507,508 601,602,603,604,605,606,607,608 701,702,703,704,705,706,707,708 801,802,803,804,805,806,807,808 901,902,903,904,905,906,907 1002,1003,1004

REQUIRED MHADA AREA = 24381.41 X 20%
= 4876.28 SQ.M.
PROPOSED MHADA AREA = 4885.13 SQ.M.

WATER REQUIREMENT STATEMENT

FOR RESIDENTIAL AREA
REQUIRED OVERHEAD WATER TANK CAPACITY
135 X 5 X 73 = 49.275 LIT
REQUIRED TOTAL OVERHEAD WATER TANK CAPACITY
= 49.275+ 50,000 (FOR FIRE)
= 99.275 LTRS.
REQUIRED SUMP WELL CAPACITY [SUMP WELL SHOWN IN LAYOUT]
= 99.275 X1.5 + 2,00,000 LTRS. (FOR FIRE)
= 1,48,912.5 +2,00,000LTRS.
= 3,48,912.5 LTRS.

DESCRIPTION OF PROPOSAL & PROPERTY

PROPOSED BLDG. 'C1' AT S.NO. 53/1 (P),53/2,53/3 (P) ,53/4,53/8, S.NO.54/8 (P),54/9,54/10,54/11 BANER, PUNE.

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NAME & SIGN. OF OWNER	NAME & SIGN. OF ARCHITECT
RESIDENCY AANGNKAR SHRIRAM DEVELOPERS LLP	SHIRISH DASNURKAR

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architects & designer
35, LAXMIPARK COLONY, NAVI PETH, PUNE-411030.
PH: 020-24530461/62/63 E-MAIL: shirishdasnurkar@gmail.com

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