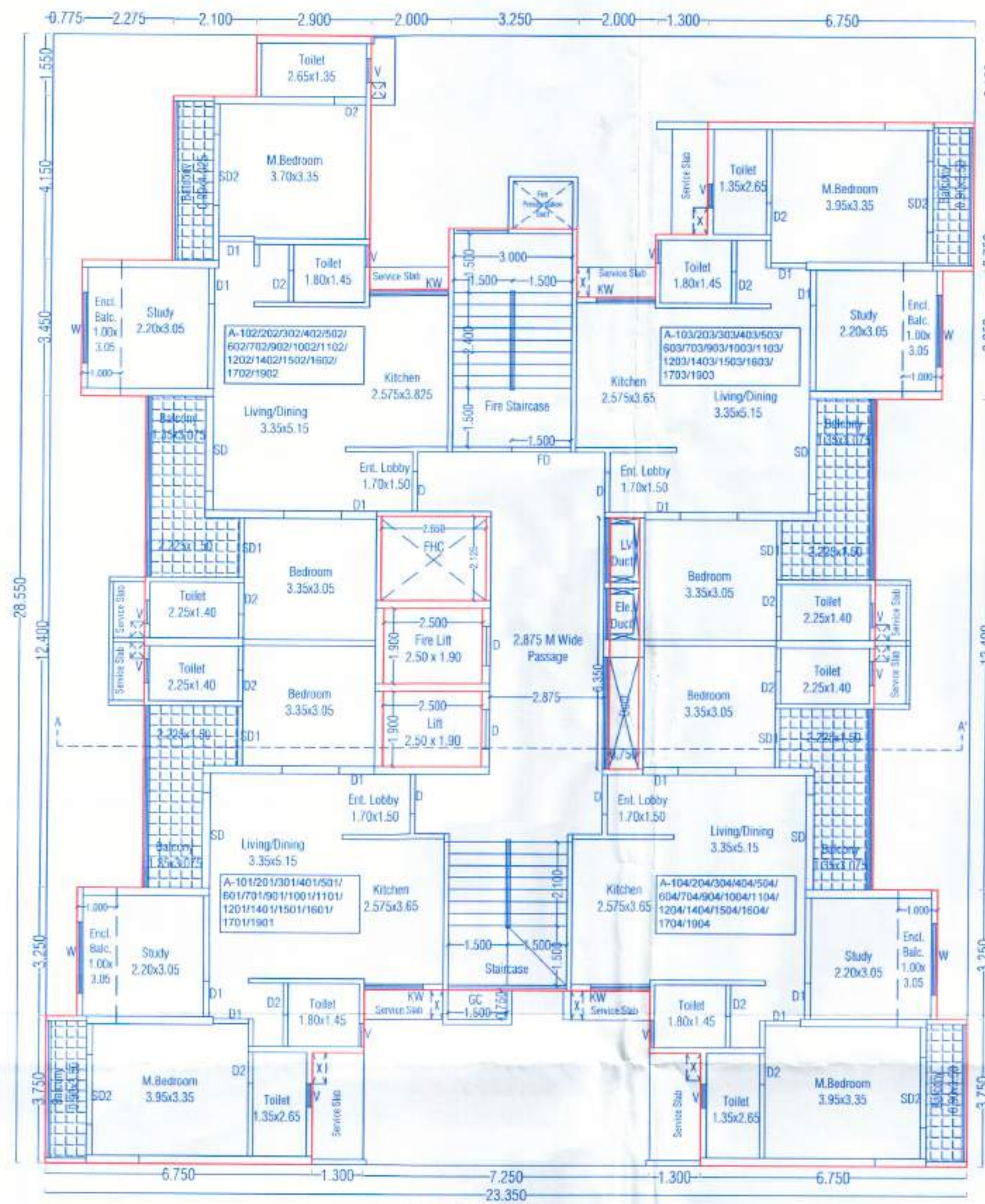
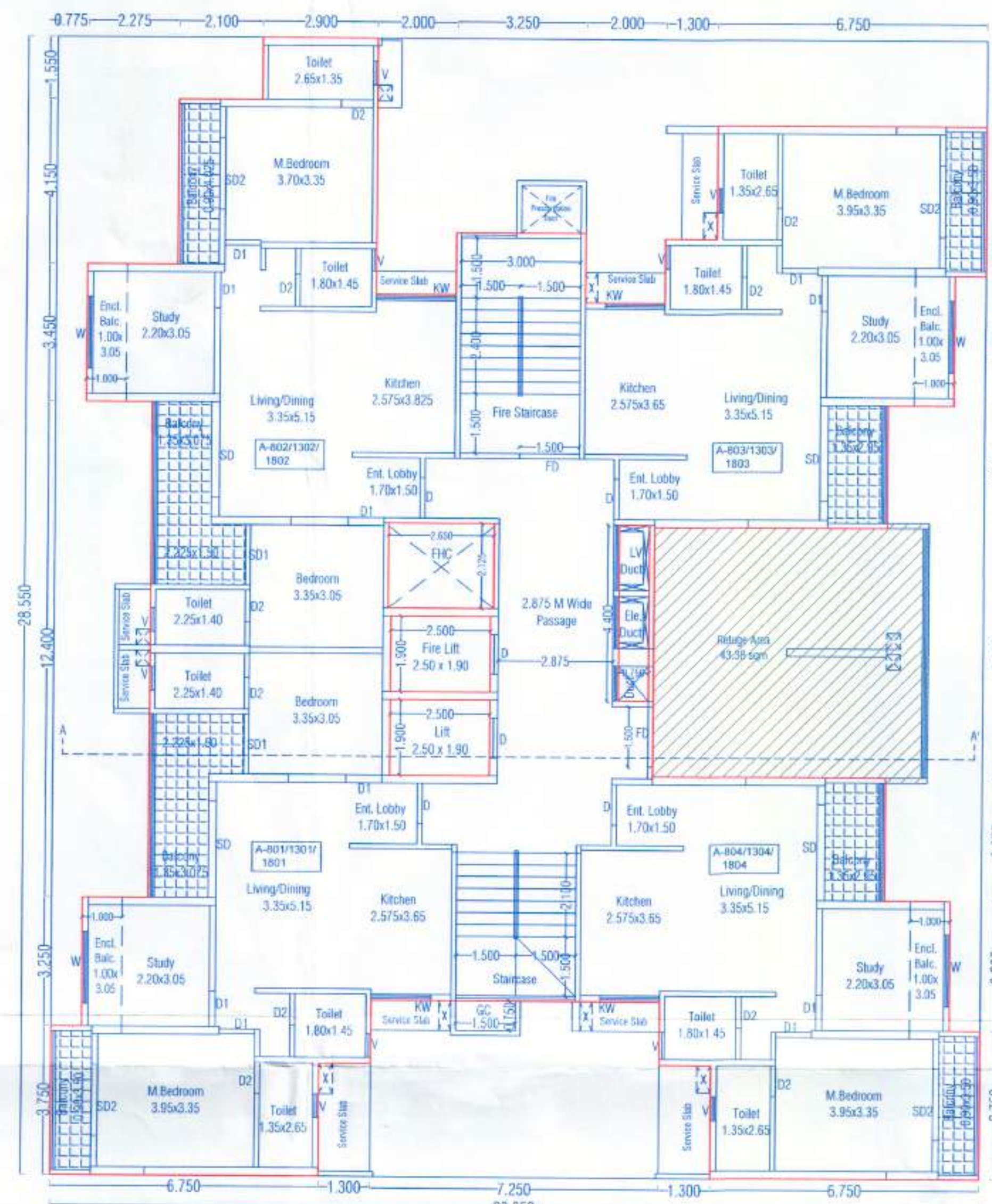




A BUILDING
TYPICAL 1,2,3,4,5,6,7,9,10,11,12,14,15,16,17,19
FLOOR PLAN

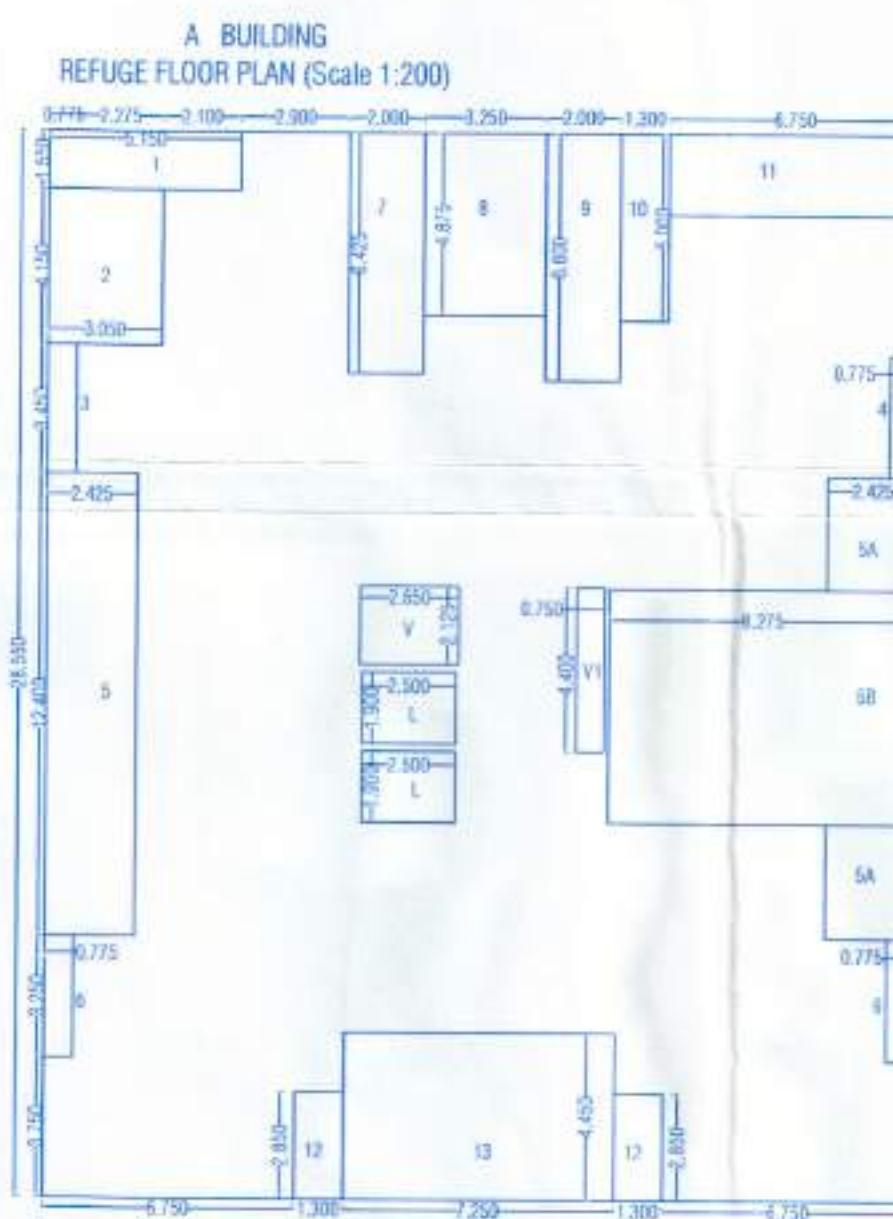
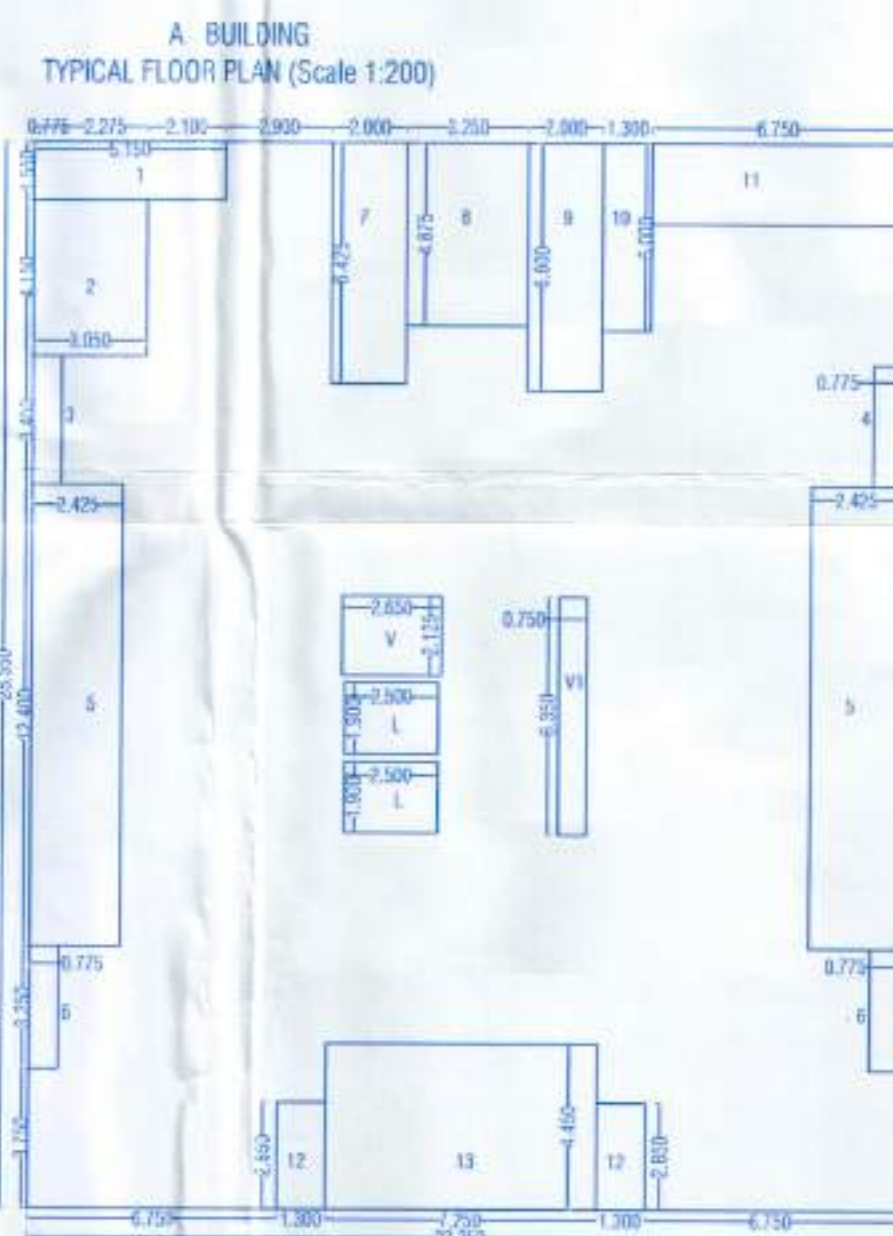


A BUILDING
TYPICAL 8,13,18 FLOOR PLAN

AREA CALCULATION OF A BUILDING TYPICAL FLOOR

A BUILDING = 23.35 X 28.55 = 666.642

1	5.150	X	1.550	X	1.00	=	7.983
2	3.050	X	4.150	X	1.00	=	12.658
3	0.775	X	3.450	X	1.00	=	2.674
4	0.775	X	3.250	X	1.00	=	2.519
5	2.425	X	12.400	X	2.00	=	60.140
6	0.775	X	3.250	X	2.00	=	5.038
7	2.000	X	6.425	X	1.00	=	12.850
8	3.250	X	4.875	X	1.00	=	15.844
9	2.000	X	6.600	X	1.00	=	13.200
10	1.300	X	5.000	X	1.00	=	6.500
11	6.750	X	2.150	X	1.00	=	14.513
12	1.300	X	2.850	X	2.00	=	7.410
13	7.250	X	4.450	X	1.00	=	32.263
V	2.650	X	2.125	X	1.00	=	5.631
V1	0.750	X	6.350	X	1.00	=	4.763
L	2.500	X	1.900	X	2.00	=	9.500
TOTAL							213.483
B/UP AREA OF FLOOR							(666.642-213.483) 453.159



AREA CALCULATION OF A BUILDING TYPICAL REFUGE FLOOR

A BUILDING = 23.35 X 28.55 = 666.642

1	5.150	X	1.550	X	1.00	=	7.983
2	3.050	X	4.150	X	1.00	=	12.658
3	0.775	X	3.450	X	1.00	=	2.674
4	0.775	X	3.250	X	1.00	=	2.519
5	2.425	X	12.400	X	1.00	=	30.070
5A	2.425	X	3.075	X	2.00	=	14.914
5B	8.275	X	6.250	X	1.00	=	51.719
6	0.775	X	3.250	X	2.00	=	5.038
7	2.000	X	6.425	X	1.00	=	12.850
8	3.250	X	4.875	X	1.00	=	15.844
9	2.000	X	6.600	X	1.00	=	13.200
10	1.300	X	5.000	X	1.00	=	6.500
11	6.750	X	2.150	X	1.00	=	14.513
12	1.300	X	2.850	X	2.00	=	7.410
13	7.250	X	4.450	X	1.00	=	32.263
V	2.650	X	2.125	X	1.00	=	5.631
V1	0.750	X	6.350	X	1.00	=	3.300
L	2.500	X	1.900	X	2.00	=	9.500
TOTAL							248.583
B/UP AREA OF FLOOR							(666.642-248.583) 418.059

SCHEDULE OF OPENING: A Building

NAME	LENGTH	HEIGHT	NOS.
D	1.00	2.10	92
D1	0.90	2.10	276
D2	0.80	2.10	276
OP	1.80	2.10	92
SD	3.30	2.10	184
W	2.20	1.80	184
V	0.60	0.90	276

A Building Refuge Area Calculation

1 Floor = 453.159 sqm
1 Floor = 453.159 sqm
1 Floor = 453.159 sqm
3 Floors = 1359.477 sqm
Refuge Area = 1359.48 / 12.5
Refuge Area = 108.75 x 0.30 sqm
Refuge Area = 32.62 sqm / per floor

A Building Handicap Refuge Area Calculation

04 Tenements X 23 Floors x 5 Persons
= 460 Persons
Additional 1 sqm for each 200 Persons
For the handicapped Person
Required Refuge Area For Handicap = 2.3 sqm
Required Total Refuge Area = 32.62 + 2.3 sqm
= 34.92 sqm