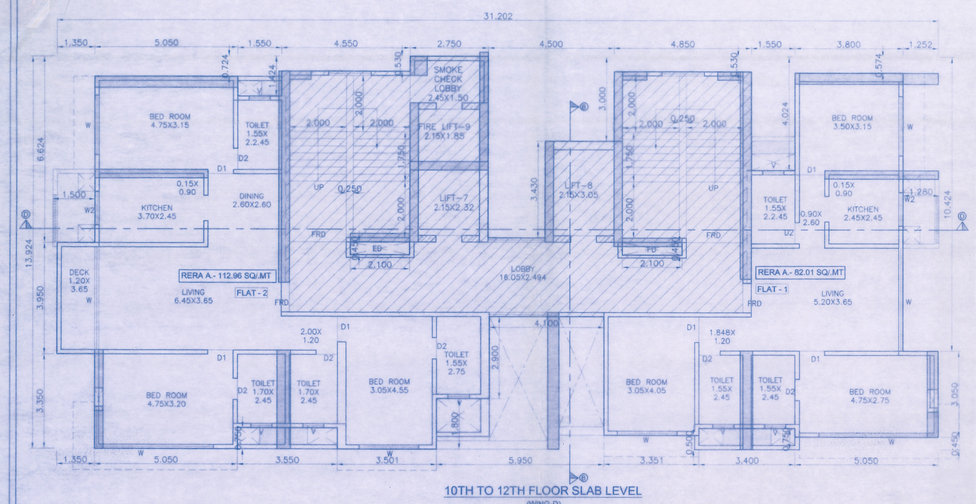
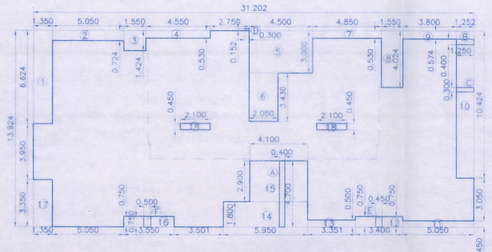


10TH TO 12TH FLOOR SLAB LEVEL
(WING-D)
SCALE 1:100



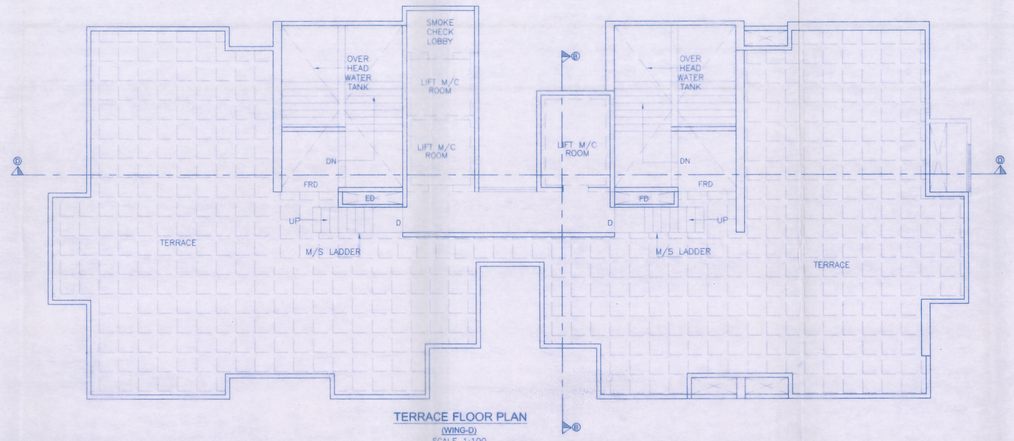
LINE DIAGRAM OF
10TH TO 12TH FLOOR SLAB LEVEL
(WING-D)
SCALE 1:200

BUILT UP AREA CALCULATION OF
(10TH TO 12TH SLAB LEVEL)
(WING-D)

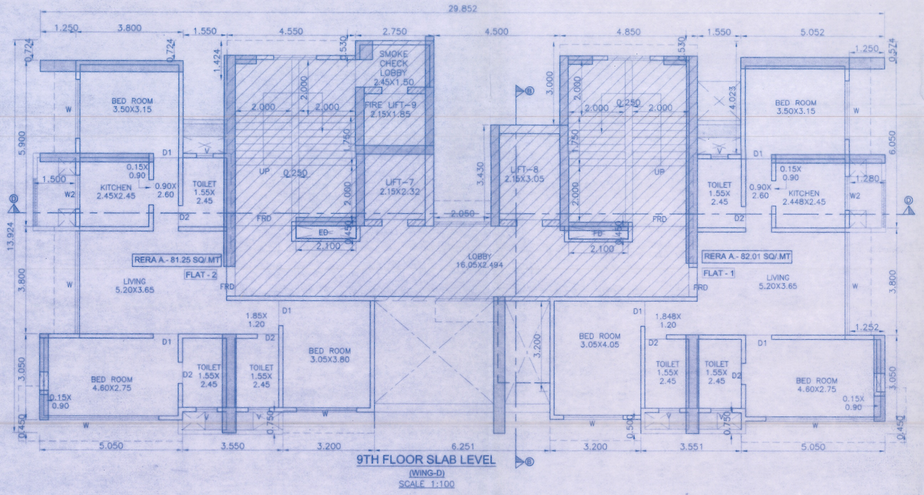
AREA IN BLOCK	=	31.202	X	13.924	=	434.46
LESS AREA						
1	1.350	X	6.624	X 1	=	8.94
2	5.050	X	0.724	X 1	=	3.66
3	1.550	X	1.424	X 1	=	2.21
4	4.550	X	0.530	X 1	=	2.41
5	4.500	X	3.000	X 1	=	13.50
6	2.050	X	3.430	X 1	=	7.03
7	4.850	X	0.530	X 1	=	2.57
8	1.550	X	4.024	X 1	=	6.24
9	3.800	X	0.574	X 1	=	2.18
10	1.252	X	10.424	X 1	=	13.05
11	5.050	X	0.450	X 1	=	2.27
12	3.400	X	0.750	X 1	=	2.55
13	3.351	X	0.500	X 1	=	1.68
14	5.950	X	1.800	X 1	=	10.71
15	4.100	X	2.900	X 1	=	11.89
16	3.550	X	0.750	X 1	=	2.66
17	1.350	X	3.350	X 1	=	4.52
18	2.100	X	0.450	X 2	=	1.89
TOTAL LESS AREA					=	99.96
TOTAL BUA	=	434.46	-	99.96	=	334.50
ADD COLUMN AREA					=	3.51
TOTAL AREA					=	338.01

AREA CALCULATION OF COLUMN
(10TH TO 12TH SLAB LEVEL)
(WING-D)

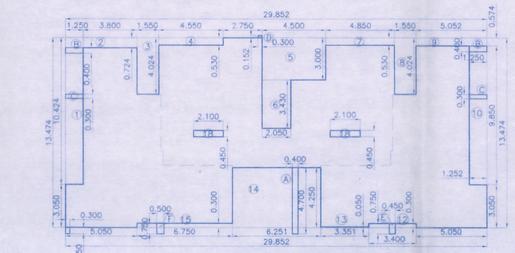
A	0.400	X	4.700	X 1	=	1.88
B	1.252	X	0.400	X 1	=	0.50
C	1.250	X	0.300	X 1	=	0.38
D	0.300	X	0.152	X 1	=	0.05
E	0.450	X	0.750	X 1	=	0.34
F	0.500	X	0.750	X 1	=	0.38
TOTAL AREA					=	3.51



TERRACE FLOOR PLAN
(WING-D)
SCALE 1:100



9TH FLOOR SLAB LEVEL
(WING-D)
SCALE 1:100



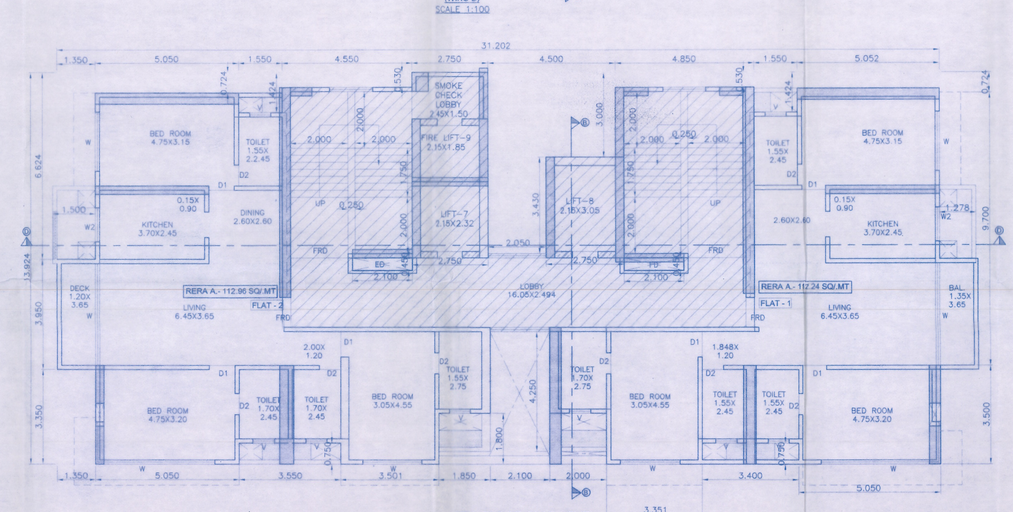
LINE DIAGRAM OF
9TH SLAB LEVEL
(WING-D)
SCALE 1:200

BUILT UP AREA CALCULATION OF
(9TH SLAB LEVEL)
(WING-D)

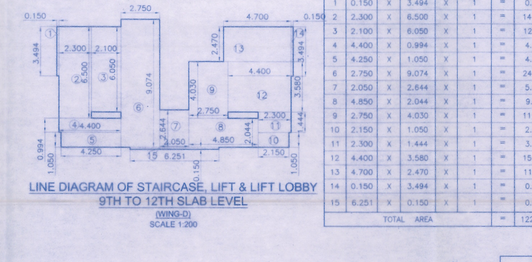
AREA IN BLOCK	=	29.852	X	13.474	=	402.23
LESS AREA						
1	1.250	X	10.424	X 1	=	13.03
2	3.800	X	0.724	X 1	=	2.75
3	1.550	X	4.024	X 1	=	6.24
4	4.550	X	0.530	X 1	=	2.41
5	4.500	X	3.000	X 1	=	13.50
6	2.050	X	3.430	X 1	=	7.03
7	4.850	X	0.530	X 1	=	2.57
8	1.550	X	4.024	X 1	=	6.24
9	5.052	X	0.574	X 1	=	2.90
10	1.252	X	9.850	X 1	=	12.33
12	3.400	X	0.300	X 1	=	1.02
13	3.351	X	0.050	X 1	=	0.17
14	6.251	X	4.250	X 1	=	26.57
15	6.750	X	0.300	X 1	=	2.03
18	2.100	X	0.450	X 2	=	1.89
TOTAL LESS AREA					=	100.67
TOTAL BUA	=	402.23	-	100.67	=	301.56
ADD COLUMN AREA					=	4.39
TOTAL AREA					=	305.95

AREA CALCULATION OF COLUMN
(9TH SLAB LEVEL)
(WING-D)

A	0.400	X	4.700	X 1	=	1.88
B	1.250	X	0.400	X 1	=	1.00
C	1.250	X	0.300	X 2	=	0.75
D	0.300	X	0.152	X 1	=	0.05
E	0.450	X	0.750	X 1	=	0.34
G	0.500	X	0.750	X 1	=	0.38
TOTAL AREA					=	4.39



14TH FLOOR SLAB LEVEL
(WING-D)
SCALE 1:100



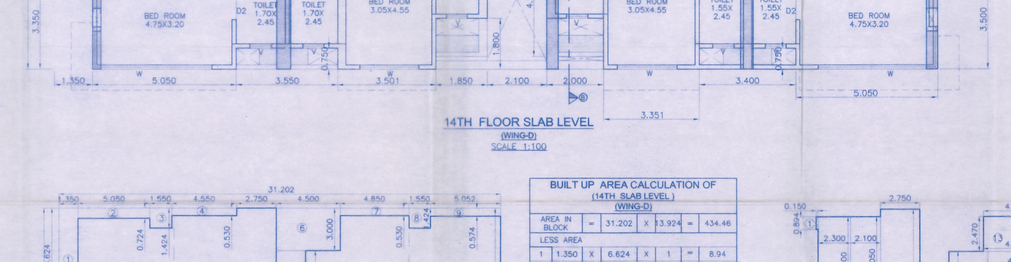
LINE DIAGRAM OF STAIRCASE, LIFT & LIFT LOBBY
9TH TO 12TH SLAB LEVEL
(WING-D)
SCALE 1:200

AREA CALCULATION OF STAIRCASE, LIFT & LIFT LOBBY
(9TH TO 12TH SLAB LEVEL)
(WING-D)

1	0.150	X	3.444	X 1	=	0.52
2	2.300	X	6.500	X 1	=	14.95
3	2.100	X	6.050	X 1	=	12.71
4	4.400	X	0.994	X 1	=	4.37
5	4.250	X	1.050	X 1	=	4.46
6	2.750	X	9.074	X 1	=	24.95
7	2.050	X	2.644	X 1	=	5.42
8	4.850	X	2.044	X 1	=	9.91
9	2.750	X	4.030	X 1	=	11.08
10	2.150	X	1.050	X 1	=	2.26
11	2.300	X	1.444	X 1	=	3.32
12	4.400	X	3.580	X 1	=	15.75
13	4.700	X	2.470	X 1	=	11.61
14	0.150	X	3.494	X 1	=	0.52
15	6.251	X	0.150	X 1	=	0.94
TOTAL AREA					=	122.79

AREA CALCULATION OF COLUMN
(9TH SLAB LEVEL)
(WING-D)

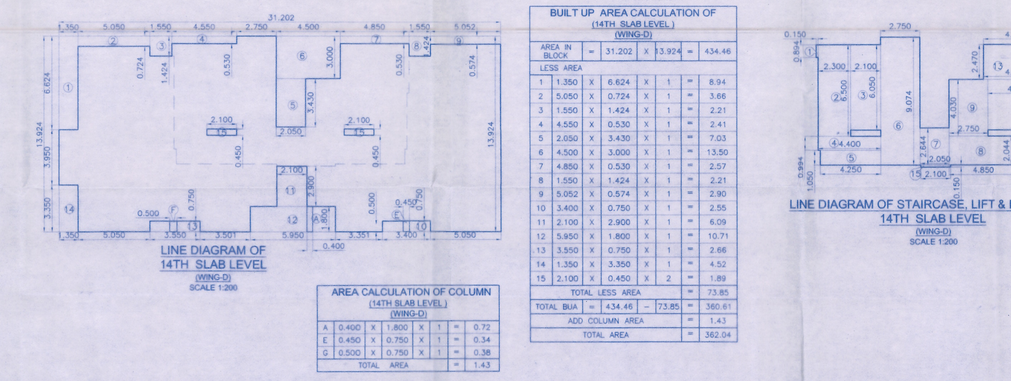
A	0.400	X	4.700	X 1	=	1.88
B	1.850	X	0.400	X 2	=	1.48
C	1.850	X	0.300	X 1	=	1.11
D	0.300	X	0.152	X 1	=	0.05
E	0.450	X	0.800	X 2	=	0.72
TOTAL AREA					=	5.24



13TH FLOOR SLAB LEVEL
(WING-D)
SCALE 1:100

BUILT UP AREA CALCULATION OF
(14TH SLAB LEVEL)
(WING-D)

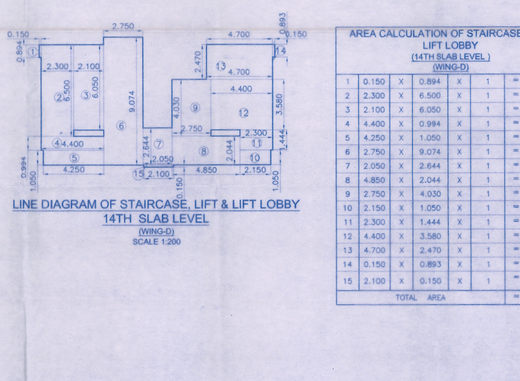
AREA IN BLOCK	=	31.202	X	13.974	=	434.46
LESS AREA						
1	1.350	X	6.624	X 1	=	8.94
2	5.050	X	0.724	X 1	=	3.66
3	1.550	X	1.424	X 1	=	2.21
4	4.550	X	0.530	X 1	=	2.41
5	2.050	X	3.430	X 1	=	7.03
6	4.500	X	3.000	X 1	=	13.50
7	4.850	X	0.530	X 1	=	2.57
8	1.550	X	1.424	X 1	=	2.21
9	5.052	X	0.574	X 1	=	2.90
10	3.400	X	0.750	X 1	=	2.55
11	2.100	X	2.900	X 1	=	6.09
12	5.950	X	1.800	X 1	=	10.71
13	3.550	X	0.750	X 1	=	2.66
14	1.350	X	3.350	X 1	=	4.52
15	2.100	X	0.450	X 2	=	1.89
TOTAL LESS AREA					=	73.85
TOTAL BUA	=	434.46	-	73.85	=	360.61
ADD COLUMN AREA					=	1.43
TOTAL AREA					=	362.04



LINE DIAGRAM OF
14TH SLAB LEVEL
(WING-D)
SCALE 1:200

AREA CALCULATION OF COLUMN
(14TH SLAB LEVEL)
(WING-D)

A	0.400	X	1.800	X 1	=	0.72
E	0.450	X	0.750	X 1	=	0.34
G	0.500	X	0.750	X 1	=	0.38
TOTAL AREA					=	1.43



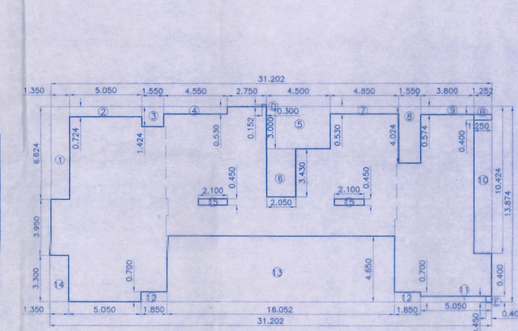
LINE DIAGRAM OF STAIRCASE, LIFT & LIFT LOBBY
14TH SLAB LEVEL
(WING-D)
SCALE 1:200

AREA CALCULATION OF STAIRCASE, LIFT & LIFT LOBBY
(14TH SLAB LEVEL)
(WING-D)

1	0.150	X	0.894	X 1	=	0.13
2	2.300	X	6.500	X 1	=	14.95
3	2.100	X	6.050	X 1	=	12.71
4	4.400	X	0.994	X 1	=	4.37
5	4.250	X	1.050	X 1	=	4.46
6	2.750	X	9.074	X 1	=	24.95
7	2.050	X	2.644	X 1	=	5.42
8	4.850	X	2.044	X 1	=	9.91
9	2.750	X	4.030	X 1	=	11.08
10	2.150	X	1.050	X 1	=	2.26
11	2.300	X	1.444	X 1	=	3.32
12	4.400	X	3.580	X 1	=	15.75
13	4.700	X	2.470	X 1	=	11.61
14	0.150	X	0.894	X 1	=	0.13
15	2.100	X	0.450	X 2	=	1.89
TOTAL LESS AREA					=	121.58
TOTAL BUA	=	432.90	-	121.58	=	311.32
Excess refuge area Counted in FSI					=	47.35
TOTAL AREA					=	358.67

AREA CALCULATION OF COLUMN
(13TH SLAB LEVEL)
(WING-D)

B	1.252	X	0.400	X 1	=	0.50
D	0.300	X	0.152	X 1	=	0.05
E	0.450	X	0.450	X 1	=	0.18
TOTAL AREA					=	0.73



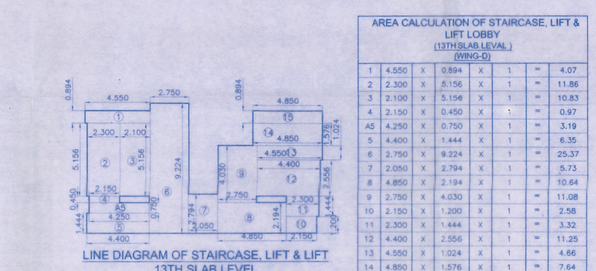
LINE DIAGRAM OF
13TH SLAB LEVEL
(WING-D)
SCALE 1:200

BUILT UP AREA CALCULATION OF
(13TH SLAB LEVEL)
(WING-D)

AREA IN BLOCK	=	31.202	X	13.874	=	432.90
LESS AREA						
1	1.350	X	6.624	X 1	=	8.94
2	5.050	X	0.724	X 1	=	3.66
3	1.550	X	1.424	X 1	=	2.21
4	4.550	X	0.530	X 1	=	2.41
5	4.500	X	3.000	X 1	=	13.50
6	2.050	X	3.430	X 1	=	7.03
7	4.850	X	0.530	X 1	=	2.57
8	1.550	X	4.024	X 1	=	6.24
9	3.800	X	0.574	X 1	=	2.18
10	1.252	X	10.424	X 1	=	13.05
11	5.050	X	0.450	X 1	=	2.27
12	1.850	X	0.700	X 2	=	2.59
13	16.052	X	4.650	X 1	=	74.64
14	1.350	X	3.300	X 1	=	4.46
15	2.100	X	0.450	X 2	=	1.89
TOTAL LESS AREA					=	147.39
TOTAL BUA	=	432.90	-	147.39	=	285.51
Excess refuge area Counted in FSI					=	47.35
TOTAL AREA					=	332.86
ADD COLUMN AREA					=	0.73
TOTAL AREA					=	333.59

REFUGE AREA CALCULATION OF 13TH FL (WING -D)

14TH FLOOR	238.47
13TH FLOOR	208.42
TOTAL AREA	446.89
REQ. REFUGE AREA 4%	17.88
PROPOSED AREA	65.21
MAX. REFUGE AREA FREE OF FSI 4.25%	18.99
EXCESS AREA OF REFUGE COUNTED IN FSI	47.33



LINE DIAGRAM OF STAIRCASE, LIFT & LIFT
13TH SLAB LEVEL
(WING-D)
SCALE 1:200

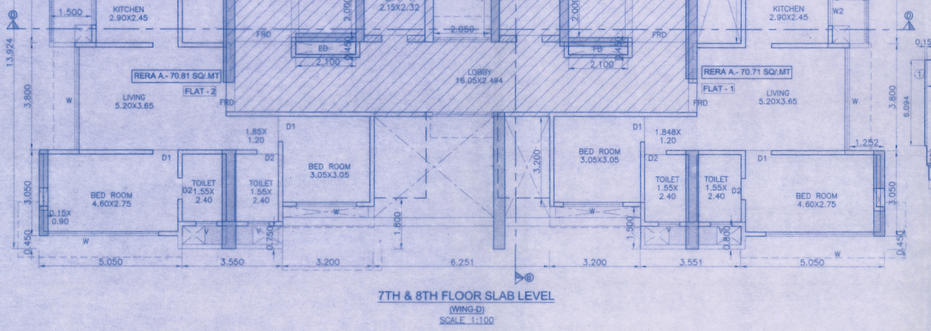
AREA CALCULATION OF STAIRCASE, LIFT & LIFT LOBBY
(13TH SLAB LEVEL)
(WING-D)

1	4.550	X	0.894	X 1	=	4.07
2	2.300	X	5.156	X 1	=	11.86
3	2.100	X	5.156	X 1	=	10.83
4	2.150	X	0.450	X 1	=	0.97
4A	4.250	X	0.750	X 1	=	3.19
5	4.400	X	1.444	X 1	=	6.35
6	2.750	X	9.224	X 1	=	25.37
7	2.050	X	2.794	X 1	=	5.73
8	4.850	X	2.194	X 1	=	10.64
9	2.750	X	4.030	X 1	=	11.08
10	2.150	X	1.200	X 1	=	2.58
11	2.300	X	1.444	X 1	=	3.32
12	4.400	X	2.556	X 1	=	11.25
13	4.550	X	1.024	X 1	=	4.66
14	4.850	X	1.576	X 1	=	7.64
15	4.850	X	0.894	X 1	=	4.34
TOTAL AREA					=	123.87

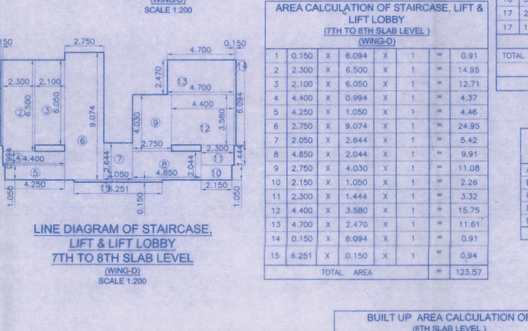
LINE DIAGRAM OF REFUGE
13TH SLAB LEVEL
(WING-D)
SCALE 1:200

AREA CALCULATION OF REFUGE
(13TH SLAB LEVEL)
(WING-D)

1	1.700	X	3.950	X 1	=	6.72
2	3.501	X	4.700	X 1	=	16.46
3	5.950	X	2.900	X 1	=	17.26
4	2.550	X	1.800	X 1	=	4.59
5	3.351	X	4.200	X 1	=	14.07
6	1.550	X	3.950	X 1	=	6.12
TOTAL AREA					=	65.21



7TH & 8TH FLOOR SLAB LEVEL
(WING-D)
SCALE 1:100



LINE DIAGRAM OF STAIRCASE,
LIFT & LIFT LOBBY
7TH TO 8TH SLAB LEVEL
(WING-D)
SCALE 1:200

AREA CALCULATION OF STAIRCASE, LIFT & LIFT LOBBY
(7TH TO 8TH SLAB LEVEL)
(WING-D)

1	0.150	X	6.094	X 1	=	0.91
2	2.300	X	6.500	X 1	=	14.95
3	2.100	X	6.050	X 1	=	12.71
4	4.400	X	0.994	X 1	=	4.37
5	4.250	X	1.050	X 1	=	4.46
6	2.750	X	9.074	X 1	=	24.95
7	2.050	X	2.644	X 1	=	5.42
8	4.850	X	2.044	X 1	=	9.91
9	2.750	X	4.030	X 1	=	11.08
10	2.150	X	1.050	X 1	=	2.26
11	2.300	X	1.444	X 1	=	3.32
12	4.400	X	3.580	X 1	=	15.75
13	4.700	X	2.470	X 1	=	11.61
14	0.150	X	6.094	X 1	=	0.91
15	6.251	X	0.150	X 1	=	0.94
TOTAL AREA					=	123.57

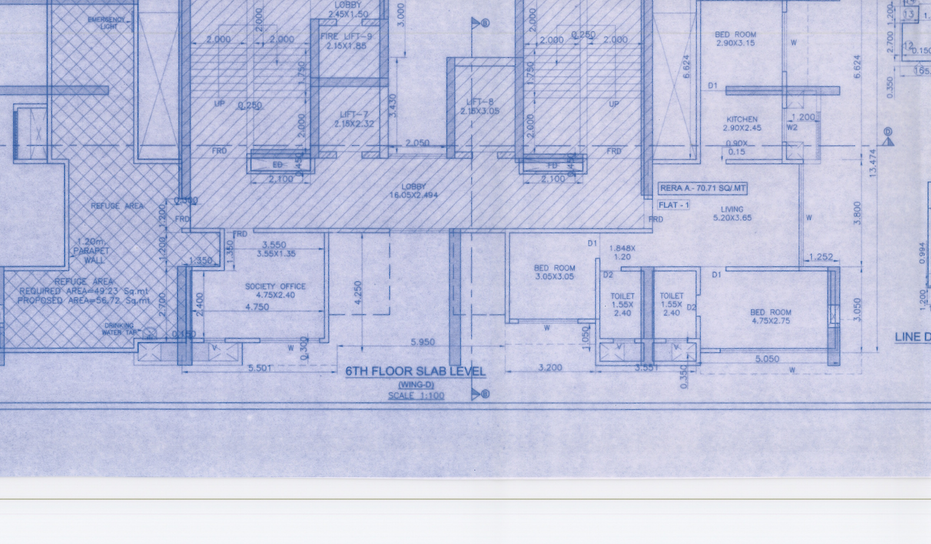
AREA CALCULATION OF COLUMN
(7TH & 8TH SLAB LEVEL)
(WING-D)

A	0.400	X	4.700	X 1	=	1.88
B	1.850	X	0.400	X 2	=	1.48
C	1.850	X	0.300	X 1	=	1.11
D	0.300	X	0.152	X 1	=	0.05
E	0.450	X	0.800	X 2	=	0.72
TOTAL AREA					=	5.24

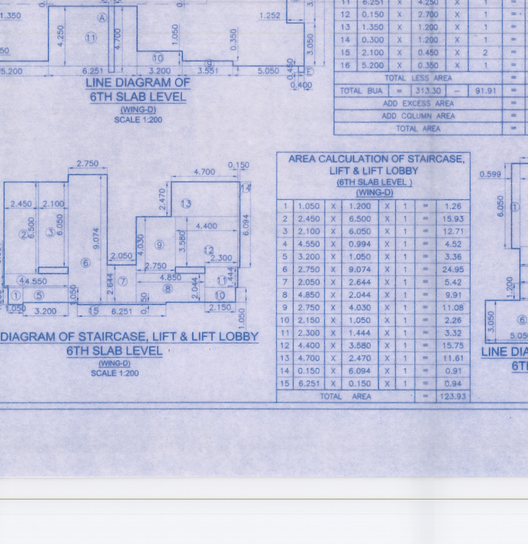
LINE DIAGRAM OF
7TH & 8TH SLAB LEVEL
(WING-D)
SCALE 1:200

BUILT UP AREA CALCULATION OF
(7TH & 8TH SLAB LEVEL)
(WING-D)

AREA IN BLOCK	=	29.852	X	13.474	=	402.23
LESS AREA						
1	1.850	X	6.624	X 1	=	12.25
2	3.200	X	0.724	X 1	=	2.32
3	1.550	X	6.624	X 1	=	10.27
4	4.550	X	0.530	X 1	=	2.41
5	4.500	X	3.000	X 1	=	13.50
6	2.050	X	3.430	X 1	=	7.03
7	4.850	X	0.530	X 1	=	2.57
8	1.550	X	6.624	X 1	=	10.27
9	5.052	X	0.574	X 1	=	2.90
10	1.852	X	6.050	X 1	=	11.20
11	1.252	X	3.800	X 1	=	4.76
12	3.551	X	0.350	X 1	=	1.24
13	3.200	X	1.050	X 1	=	3.36
14	6.251	X	4.250	X 1	=	26.57
15	3.200	X	1.050	X 1	=	3.36
16	3.550	X	0.350	X 1	=	1.24
17	2.100	X	0.450	X 2	=	1.89
17	1.250	X	3.800	X 1	=	4.75
TOTAL LESS AREA					=	121.89
TOTAL BUA	=	402.23	-	121.89	=	280.33
ADD COLUMN AREA					=	5.24
TOTAL AREA					=	285.57



6TH FLOOR SLAB LEVEL
(WING-D)
SCALE 1:100



LINE DIAGRAM OF STAIRCASE, LIFT & LIFT LOBBY
6TH SLAB LEVEL
(WING-D)
SCALE 1:200

BUILT UP AREA CALCULATION OF
(6TH SLAB LEVEL)
(WING-D)

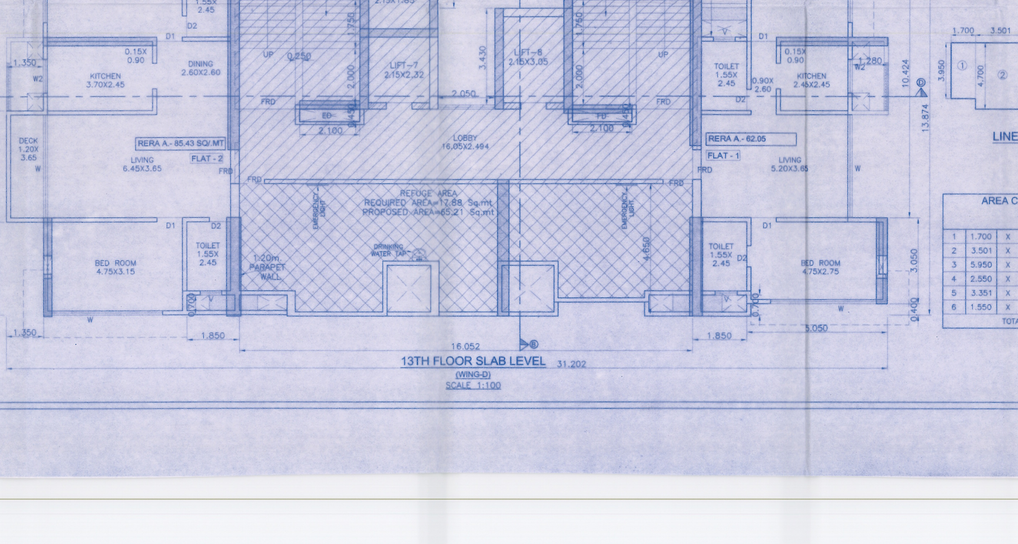
AREA IN BLOCK	=	23.252	X	13.474	=	313.30
LESS AREA						
1	4.550	X	0.530	X 1	=	2.41
2	4.500	X	3.000	X 1	=	13.50
3	2.050	X	3.430	X 1	=	7.03
4	4.850	X	0.530	X 1	=	2.57
5	1.550	X	6.624	X 1	=	10.27
6	3.200	X	0.574	X 1	=	1.84
7	1.852	X	6.624	X 1	=	12.27
8	1.252	X	3.800	X 1	=	4.76
9	3.551	X	0.350	X 1	=	1.24
10	3.200	X	1.050	X 1	=	3.36
11	6.251	X	4.250	X 1	=	26.57
12	0.150	X	2.700	X 1	=	0.41
13	1.350	X	1.200	X 1	=	1.62
14	0.300	X	4.250	X 1	=	1.28
15	2.100	X	0.450	X 2	=	1.89
16	5.200	X	0.350	X 1	=	1.82
TOTAL AREA					=	91.91
TOTAL BUA	=	313.30	-	91.91	=	221.39
ADD EXCESS AREA					=	6.58
ADD COLUMN AREA					=	3.04
TOTAL AREA					=	231.01

REFUGE AREA CALCULATION OF 6TH FL (WING -D)

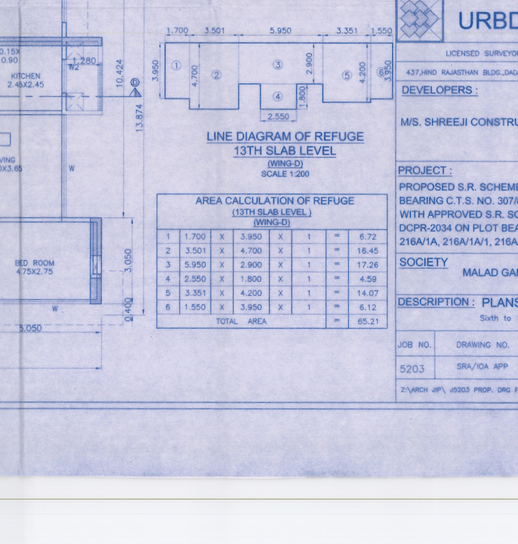
12TH FLOOR	214.32
11TH FLOOR	214.32
10TH FLOOR	214.32
9TH FLOOR	182.01
8TH FLOOR	160.76
7TH FLOOR	160.76
6TH FLOOR	107.08
TOTAL AREA	1253.57
REQ. REFUGE AREA 4%	50.14
PROPOSED AREA	56.72
MAX. REFUGE AREA FREE OF FSI 4.25%	53.28
EXCESS AREA	6.58

AREA CALCULATION OF COLUMN
(6TH SLAB LEVEL)
(WING-D)

A	0.400	X	4.700	X 1	=	1.88
B	1.850	X	0.400	X 1	=	0.74
C	0.650	X	0.500	X 1	=	0.20
D	0.300	X	0.152	X 1	=	0.05
E	0.400	X	0.450	X 1	=	0.18
TOTAL AREA					=	3.04



13TH FLOOR SLAB LEVEL
(WING-D)
SCALE 1:100



LINE DIAGRAM OF REFUGE
13TH SLAB LEVEL
(WING-D)
SCALE 1:200

AREA CALCULATION OF REFUGE
(13TH SLAB LEVEL)
(WING-D)

1	1.700	X	3.950	X 1	=	6.72
2	3.501	X	4.700	X 1	=	16.46
3	5.950	X	2.900	X 1	=	17.26
4	2.550	X	1.800	X 1	=	4.59
5	3.351	X	4.200	X 1	=	14.07
6	1.550	X	3.950	X 1	=	6.12
TOTAL AREA					=	65.21

LINE DIAGRAM OF REFUGE
6TH SLAB LEVEL
(WING-D)
SCALE 1:200

AREA CALCULATION OF REFUGE
(6TH SLAB LEVEL)
(WING-D)

1	0.599	X	6.050	X 1	=	3.62
2	2.601	X	5.900	X 1	=	15.35
3	4.151	X	1.400	X 1	=	5.81
4	4.451	X	1.200	X 1	=	5.34
5	5.501	X	1.200	X 1	=	6.60
6	5.050	X	3.050	X 1	=	15.40
7	1.700	X	2.700	X 1	=	4.59
TOTAL AREA					=	56.73

STAMP OF APPROVAL OF PLAN 13/14

Approved Subject to the condition Mentioned in this office commission Letter no. SRA/ENG/ [illegible] 2023 Dt. 23 AUG 2023
Executive Engineer
Slum Rehabilitation Authority

CONTENTS OF SHEET

6TH TO 14TH FLOOR PLAN, TERRACE FLOOR PLAN WING-D & LINE DIAGRAM & AREA CALCULATION OF 6TH TO 14TH FLOOR, REFUGE AREA CALCULATION, STAIRCASE AREA CALCULATION.

URBDES
LICENSED SURVEYOR & ENGINEERS
437,HIND RAJASTHAN BLDG.,DADASAHEB P