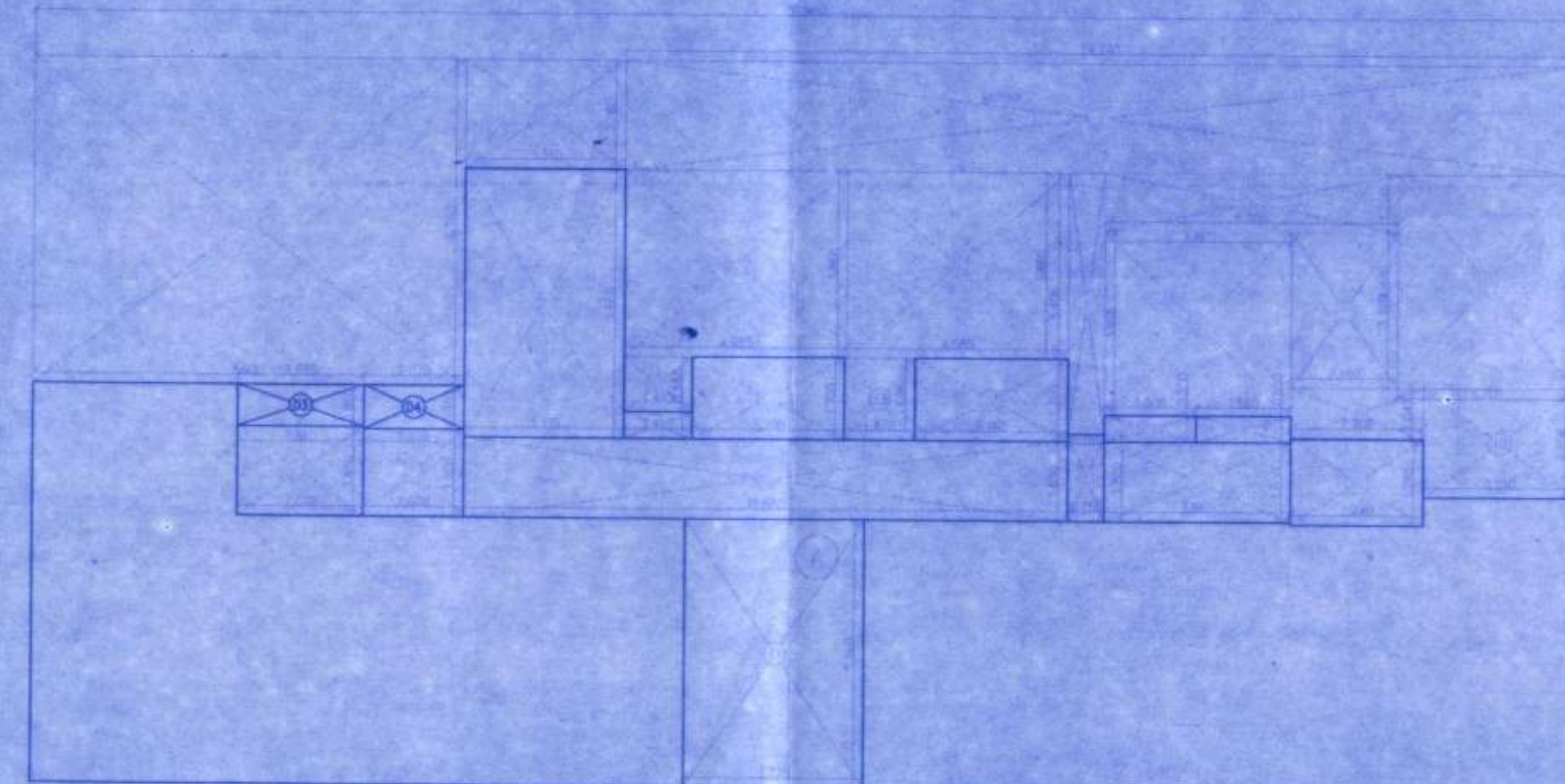


This cancels Approval
to the previous Plans
Sanctioned under no.
P.H.R.D.A - 2 / 305 / 2022
dated 24.11.2022

Approved subject to conditions mentioned in P.H.R.D.A. - 2 / 305 / 2022
7 DEC 2022
Ex. Eng. Sidd. Harishankar, Deputy Engineer (B.L.)
Municipal Housing & Area Development Authority



GROUND FLOOR AREA LINE CALCULATIONS
SCALE 1:100

BUILT UP AREA CALCULATION		
GROUND FLOOR		
A	35.11 X 15.03 X 1ND	= 495.60 SQ.MT
TOTAL ADDITION		= 495.60 SQ.MT

DEDUCTIONS		
1	8.83 X 5.76 X 1ND	= 50.27 SQ.MT
2	3.31 X 2.28 X 1ND	= 7.49 SQ.MT
3	18.74 X 2.28 X 1ND	= 42.61 SQ.MT
4	0.75 X 5.41 X 1ND	= 4.06 SQ.MT
5	4.86 X 1.27 X 1ND	= 6.18 SQ.MT
6	3.86 X 3.91 X 1ND	= 15.17 SQ.MT
7	2.19 X 3.32 X 1ND	= 7.25 SQ.MT
8	2.71 X 1.04 X 1ND	= 2.82 SQ.MT
9	1.88 X 0.55 X 1ND	= 1.04 SQ.MT
10	3.15 X 2.36 X 1ND	= 7.43 SQ.MT
11	3.77 X 5.29 X 1ND	= 19.86 SQ.MT
TOTAL DEDUCTION		= 171.62 SQ.MT
TOTAL BUILT UP AREA [X - Y]		= 323.98 SQ.MT

LIFT AREA CALCULATION		
GROUND FLOOR		
L1	3.20 X 1.70 X 1ND	= 5.44 SQ.MT
L2	3.20 X 1.70 X 1ND	= 5.44 SQ.MT
L3	3.20 X 1.70 X 1ND	= 5.44 SQ.MT
L4	3.20 X 1.70 X 1ND	= 5.44 SQ.MT
TOTAL LIFT AREA PER FL. (GROUND FLOOR)		= 21.76 SQ.MT

STAIRCASE AREA CALCULATION		
GROUND FLOOR		
S1	3.31 X 5.56 X 1ND	= 18.40 SQ.MT
TOTAL STAIRCASE AREA PER FL. (GROUND FLOOR)		= 18.40 SQ.MT

LIFT LOBBY AREA CALCULATION		
GROUND FLOOR		
L1	2.07 X 1.80 X 1ND	= 3.73 SQ.MT
L2	12.55 X 1.80 X 1ND	= 22.51 SQ.MT
L3	0.75 X 1.80 X 1ND	= 1.35 SQ.MT
L4	3.86 X 1.65 X 1ND	= 6.37 SQ.MT
L5	1.47 X 1.70 X 1ND	= 2.50 SQ.MT
TOTAL LIFT LOBBY AREA PER FL. (GROUND FLOOR)		= 34.86 SQ.MT

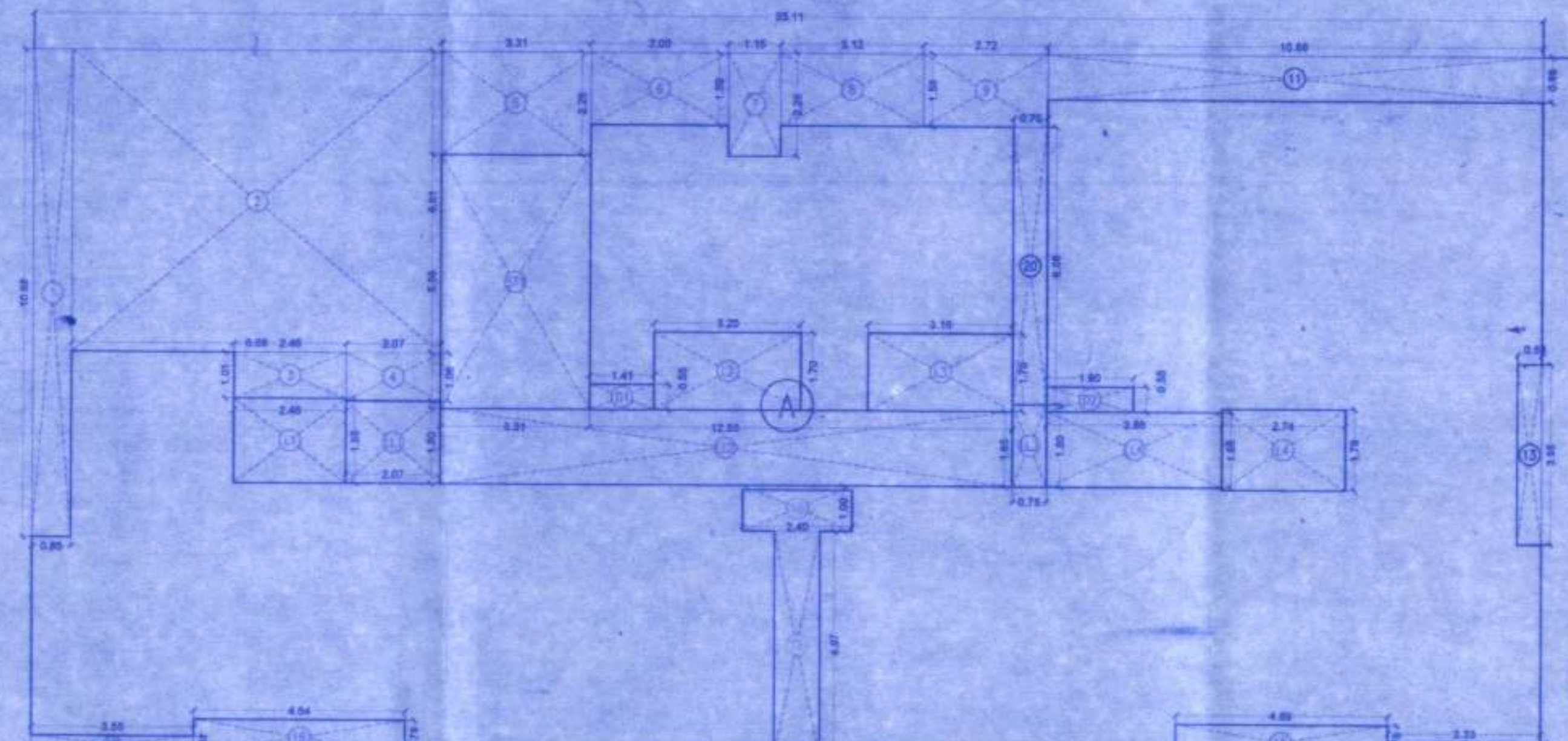
SOCIETY OFFICE AREA CALCULATION		
GROUND FLOOR		
SO	2.26 X 5.86 X 1ND	= 13.22 SQ.MT
TOTAL SOCIETY OFFICE AREA PER FL. (GROUND FLOOR)		= 13.22 SQ.MT

DUCT AREA CALCULATION		
GROUND FLOOR		
D1	1.41 X 0.55 X 1ND	= 0.78 SQ.MT
D2	1.80 X 0.55 X 1ND	= 1.00 SQ.MT
D3	2.81 X 0.88 X 1ND	= 2.44 SQ.MT
D4	2.87 X 0.91 X 1ND	= 1.89 SQ.MT
TOTAL DUCT AREA PER FL. (GROUND FLOOR)		= 5.99 SQ.MT

PUMP ROOM AREA CALCULATION		
GROUND FLOOR		
PR	1.20 X 4.42 X 1ND	= 5.30 SQ.MT
TOTAL PUMP ROOM AREA PER FL. (GROUND FLOOR)		= 5.30 SQ.MT

ELEC. RM AREA CALCULATION		
GROUND FLOOR		
E1	1.41 X 5.15 X 1ND	= 7.28 SQ.MT
E2	4.86 X 3.80 X 1ND	= 18.48 SQ.MT
TOTAL ELEC. RM AREA PER FL. (GROUND FLOOR)		= 18.48 SQ.MT

NET BUILT UP AREA		
[X] - [(Y1+Y2+Y3+Y4+Y5)]		= 189.82 SQ.MT



10TH - 13TH AND 15TH - 17TH FLOOR PLAN
SCALE 1:100

BUILT UP AREA CALCULATION		
10TH TO 13TH & 15TH TO 17TH FLOOR		
A	33.11 X 15.03 X 1ND	= 511.55 SQ.MT
TOTAL ADDITION		= 511.55 SQ.MT

DEDUCTIONS		
1	0.85 X 10.88 X 1ND	= 9.28 SQ.MT
2	8.08 X 6.61 X 1ND	= 53.41 SQ.MT
3	2.48 X 1.81 X 1ND	= 4.48 SQ.MT
4	2.07 X 1.06 X 1ND	= 2.19 SQ.MT
5	3.31 X 2.28 X 1ND	= 7.48 SQ.MT
6	3.00 X 1.59 X 1ND	= 4.77 SQ.MT
7	1.15 X 2.26 X 1ND	= 2.60 SQ.MT
8	3.12 X 1.58 X 1ND	= 4.98 SQ.MT
9	2.72 X 2.26 X 1ND	= 6.15 SQ.MT
10	10.88 X 0.88 X 1ND	= 10.77 SQ.MT
11	0.53 X 3.85 X 1ND	= 2.06 SQ.MT
12	3.33 X 0.41 X 1ND	= 1.37 SQ.MT
13	4.88 X 0.78 X 1ND	= 3.80 SQ.MT
14	2.47 X 1.25 X 1ND	= 3.09 SQ.MT
15	1.20 X 4.87 X 1ND	= 5.84 SQ.MT
16	4.54 X 0.78 X 1ND	= 3.54 SQ.MT
17	3.50 X 0.41 X 1ND	= 1.44 SQ.MT
18	0.75 X 6.08 X 1ND	= 4.56 SQ.MT
TOTAL DEDUCTION		= 188.59 SQ.MT
TOTAL BUILT UP AREA [X - Y]		= 322.96 SQ.MT

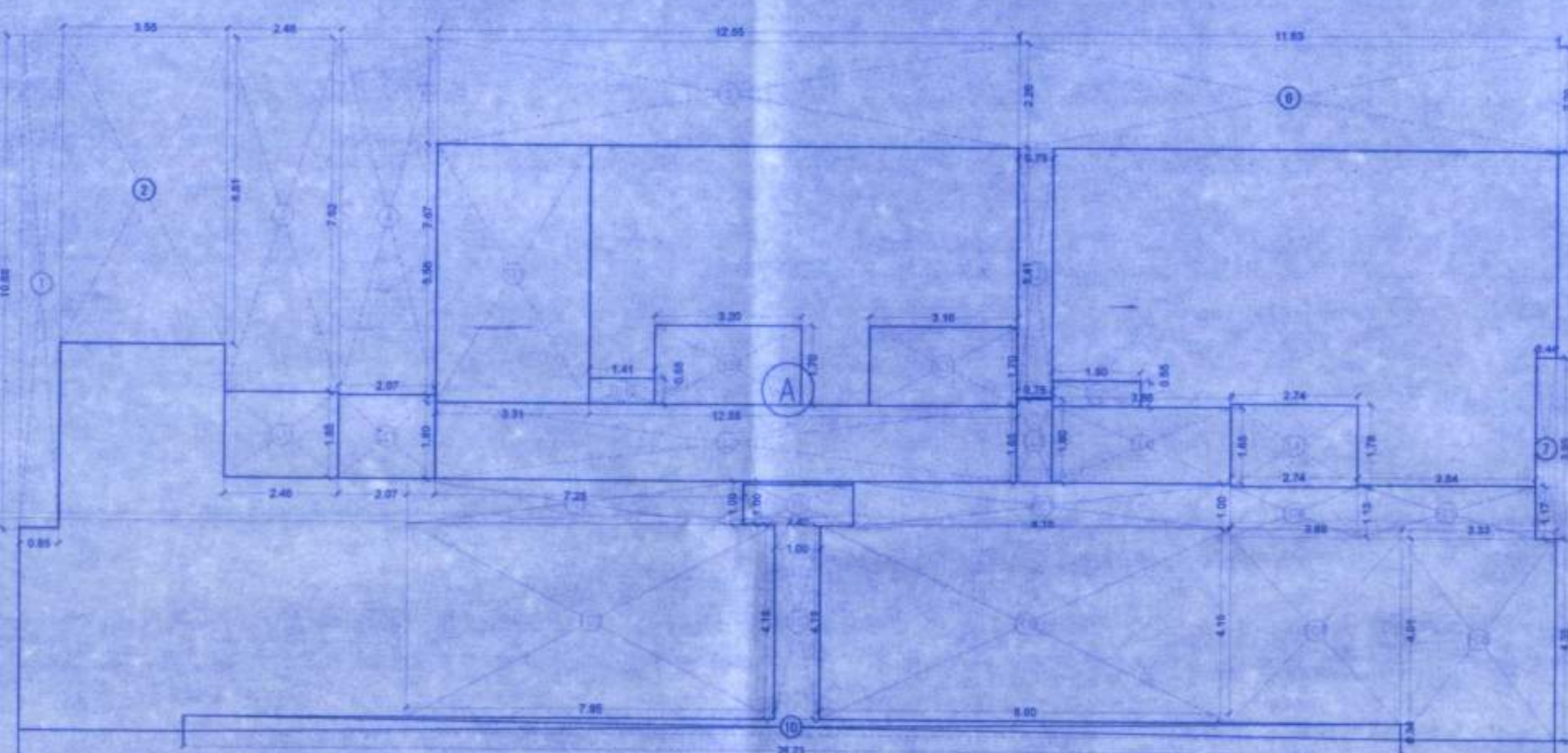
LIFT AREA CALCULATION		
TYPICAL FLOOR		
L1	2.48 X 1.81 X 1ND	= 4.48 SQ.MT
L2	3.20 X 1.70 X 1ND	= 5.44 SQ.MT
L3	3.16 X 1.70 X 1ND	= 5.37 SQ.MT
L4	2.74 X 1.78 X 1ND	= 4.88 SQ.MT
TOTAL LIFT AREA PER FL. (TYPICAL FLOOR)		= 20.17 SQ.MT

STAIRCASE AREA CALCULATION		
TYPICAL FLOOR		
S1	3.31 X 5.56 X 1ND	= 18.40 SQ.MT
TOTAL STAIRCASE AREA PER FL. (TYPICAL FLOOR)		= 18.40 SQ.MT

LIFT LOBBY AREA CALCULATION		
TYPICAL FLOOR		
L1	2.07 X 1.80 X 1ND	= 3.73 SQ.MT
L2	12.55 X 1.80 X 1ND	= 22.51 SQ.MT
L3	0.75 X 1.80 X 1ND	= 1.35 SQ.MT
L4	3.86 X 1.65 X 1ND	= 6.37 SQ.MT
TOTAL LIFT LOBBY AREA PER FL. (TYPICAL FLOOR)		= 34.96 SQ.MT

DUCT AREA CALCULATION		
TYPICAL FLOOR		
D1	1.41 X 0.55 X 1ND	= 0.78 SQ.MT
D2	1.80 X 0.55 X 1ND	= 1.00 SQ.MT
TOTAL DUCT AREA PER FL. (TYPICAL FLOOR)		= 1.83 SQ.MT

NET BUILT UP AREA		
[Y] - [(Y1+Y2+Y3+Y4+Y5)]		= 310.80 SQ.MT



1ST FLOOR AREA LINE CALCULATIONS
SCALE 1:100

BUILT UP AREA CALCULATION		
1ST FLOOR		
A	35.11 X 15.03 X 1ND	= 495.60 SQ.MT
TOTAL ADDITION		= 495.60 SQ.MT

DEDUCTIONS		
1	8.85 X 10.88 X 1ND	= 9.58 SQ.MT
2	3.35 X 6.61 X 1ND	= 22.17 SQ.MT
3	2.48 X 7.62 X 1ND	= 18.76 SQ.MT
4	2.07 X 7.67 X 1ND	= 15.89 SQ.MT
5	12.55 X 2.26 X 1ND	= 28.36 SQ.MT
6	11.83 X 2.28 X 1ND	= 26.98 SQ.MT
7	0.44 X 3.95 X 1ND	= 1.74 SQ.MT
8	26.23 X 0.34 X 1ND	= 8.92 SQ.MT
9	1.00 X 4.38 X 1ND	= 4.38 SQ.MT
10	2.38 X 1.00 X 1ND	= 2.38 SQ.MT
11	0.75 X 3.41 X 1ND	= 2.56 SQ.MT
TOTAL DEDUCTION		= 143.51 SQ.MT
TOTAL BUILT UP AREA [X - Y]		= 352.09 SQ.MT

LIFT AREA CALCULATION		
TYPICAL FLOOR		
L1	2.48 X 1.81 X 1ND	= 4.48 SQ.MT
L2	3.20 X 1.70 X 1ND	= 5.44 SQ.MT
L3	3.16 X 1.70 X 1ND	= 5.37 SQ.MT
L4	2.74 X 1.78 X 1ND	= 4.88 SQ.MT
TOTAL LIFT AREA PER FL. (TYPICAL FLOOR)		= 20.17 SQ.MT

STAIRCASE AREA CALCULATION		
TYPICAL FLOOR		
S1	3.31 X 5.56 X 1ND	= 18.40 SQ.MT
TOTAL STAIRCASE AREA PER FL. (TYPICAL FLOOR)		= 18.40 SQ.MT

STAIRCASE AREA CALCULATION		
TYPICAL FLOOR		
S1	3.31 X 5.56 X 1ND	= 18.40 SQ.MT
TOTAL STAIRCASE AREA PER FL. (TYPICAL FLOOR)		= 18.40 SQ.MT

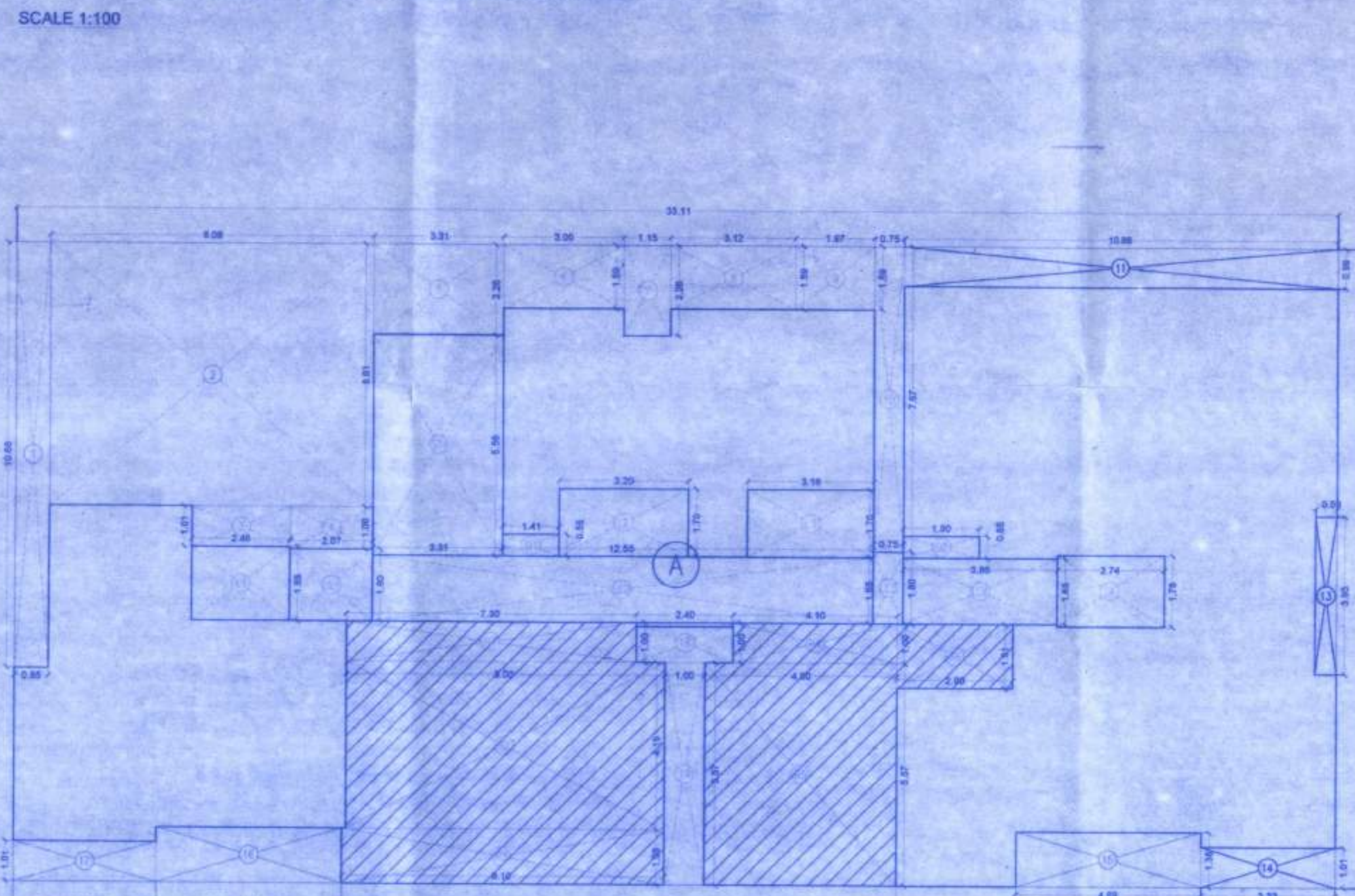
LIFT LOBBY AREA CALCULATION		
TYPICAL FLOOR		
L1	2.07 X 1.80 X 1ND	= 3.73 SQ.MT
L2	12.55 X 1.80 X 1ND	= 22.51 SQ.MT
L3	0.75 X 1.80 X 1ND	= 1.35 SQ.MT
L4	3.86 X 1.65 X 1ND	= 6.37 SQ.MT
TOTAL LIFT LOBBY AREA PER FL. (TYPICAL FLOOR)		= 34.96 SQ.MT

DUCT AREA CALCULATION		
TYPICAL FLOOR		
D1	1.41 X 0.55 X 1ND	= 0.78 SQ.MT
D2	1.80 X 0.55 X 1ND	= 1.00 SQ.MT
TOTAL DUCT AREA PER FL. (TYPICAL FLOOR)		= 1.83 SQ.MT

FITNESS CENTER AREA CALCULATION		
TYPICAL FLOOR		
FC1	7.25 X 1.00 X 1ND	= 7.25 SQ.MT
FC2	7.85 X 4.18 X 1ND	= 32.73 SQ.MT
FC3	8.10 X 1.00 X 1ND	= 8.10 SQ.MT
FC4	2.74 X 1.13 X 1ND	= 3.09 SQ.MT
FC5	3.84 X 1.17 X 1ND	= 4.49 SQ.MT
FC6	8.85 X 4.19 X 1ND	= 36.87 SQ.MT
FC7	3.69 X 4.81 X 1ND	= 17.75 SQ.MT
FC8	3.33 X 4.30 X 1ND	= 14.40 SQ.MT
TOTAL FITNESS CENTER AREA PER FL. (TYPICAL FLOOR)		= 122.33 SQ.MT

NET BUILT UP AREA		
[X] - [(Y1+Y2+Y3+Y4+Y5)]		= 106.86 SQ.MT

7TH REFUGE FLOOR AREA LINE CALCULATIONS
SCALE 1:100



14TH REFUGE FLOOR AREA LINE CALCULATIONS
SCALE 1:100

BUILT UP AREA CALCULATION		
TYPICAL FLOOR		
A	33.11 X 16.24 X 1ND	= 538.08 SQ.MT
TOTAL ADDITION		= 538.08 SQ.MT

DEDUCTIONS		
1	0.85 X 10.88 X 1ND	= 9.28 SQ.MT
2	8.08 X 6.61 X 1ND	= 53.41 SQ.MT
3	2.48 X 1.81 X 1ND	= 4.48 SQ.MT
4	2.07 X 1.06 X 1ND	= 2.19 SQ.MT
5	3.31 X 2.28 X 1ND	= 7.48 SQ.MT
6	3.00 X 1.59 X 1ND	= 4.77 SQ.MT
7	1.15 X 2.26 X 1ND	= 2.60 SQ.MT
8	3.12 X 1.58 X 1ND	= 4.98 SQ.MT
9	1.87 X 2.26 X 1ND	= 4.20 SQ.MT
10	0.75 X 7.67 X 1ND	= 5.75 SQ.MT
11	10.88 X 0.88 X 1ND	= 10.77 SQ.MT
12	0.53 X 3.85 X 1ND	= 2.06 SQ.MT
13	3.33 X 0.41 X 1ND	= 1.37 SQ.MT
14	4.88 X 0.78 X 1ND	= 3.80 SQ.MT
15	2.47 X 1.25 X 1ND	= 3.09 SQ.MT
16	4.54 X 1.28 X 1ND	= 5.81 SQ.MT
17	3.50 X 1.01 X 1ND	= 3.53 SQ.MT
18	2.40 X 1.80 X 1ND	= 4.32 SQ.MT
19	1.00 X 5.87 X 1ND	= 5.87 SQ.MT
TOTAL DEDUCTION		= 137.62 SQ.MT
TOTAL BUILT UP AREA [X - Y]		= 400.46 SQ.MT

REFUGE AREA CALCULATION		
TYPICAL FLOOR		
R1	7.25 X 1.00 X 1ND	= 7.25 SQ.MT
R2	8.00 X 4.19 X 1ND	= 33.52 SQ.MT
R3	8.10 X 1.36 X 1ND	= 11.02 SQ.MT
R4	6.10 X 1.00 X 1ND	= 6.10 SQ.MT
R5	4.80 X 5.87 X 1ND	= 28.14 SQ.MT
R6	2.96 X 1.81 X 1ND	= 5.35 SQ.MT
TOTAL REFUGE AREA		= 87.31 SQ.MT
TOTAL BUILT UP AREA [X - Y]		= 313.15 SQ.MT

LIFT AREA CALCULATION		
TYPICAL FLOOR		
L1	2.48 X 1.81 X 1ND	= 4.48 SQ.MT
L2	3.20 X 1.70 X 1ND	= 5.44 SQ.MT
L3	3.16 X 1.70 X 1ND	= 5.37 SQ.MT
L4	2.74 X 1.78 X 1ND	= 4.88 SQ.MT
TOTAL LIFT AREA PER FL. (TYPICAL FLOOR)		= 20.17 SQ.MT

STAIRCASE AREA CALCULATION		
TYPICAL FLOOR		
S1	3.31 X 5.56 X 1ND	= 18.40 SQ.MT
TOTAL STAIRCASE AREA PER FL. (TYPICAL FLOOR)		= 18.40 SQ.MT

LIFT LOBBY AREA CALCULATION		
TYPICAL FLOOR		
L1	2.07 X 1.80 X 1ND	= 3.73 SQ.MT
L2	12.55 X 1.80 X 1ND	= 22.51 SQ.MT
L3	0.75 X 1.80 X 1ND	= 1.35 SQ.MT
L4	3.86 X 1.65 X 1ND	= 6.37 SQ.MT
TOTAL LIFT LOBBY AREA PER FL. (TYPICAL FLOOR)		= 34.96 SQ.MT

DUCT AREA CALCULATION		
TYPICAL FLOOR		
D1	1.41 X 0.55 X 1ND	= 0.78 SQ.MT
D2	1.80 X 0.55 X 1ND	= 1.00 SQ.MT
TOTAL DUCT AREA PER FL. (TYPICAL FLOOR)		= 1.83 SQ.MT

NET BUILT UP AREA		
[X] - [(Y1		