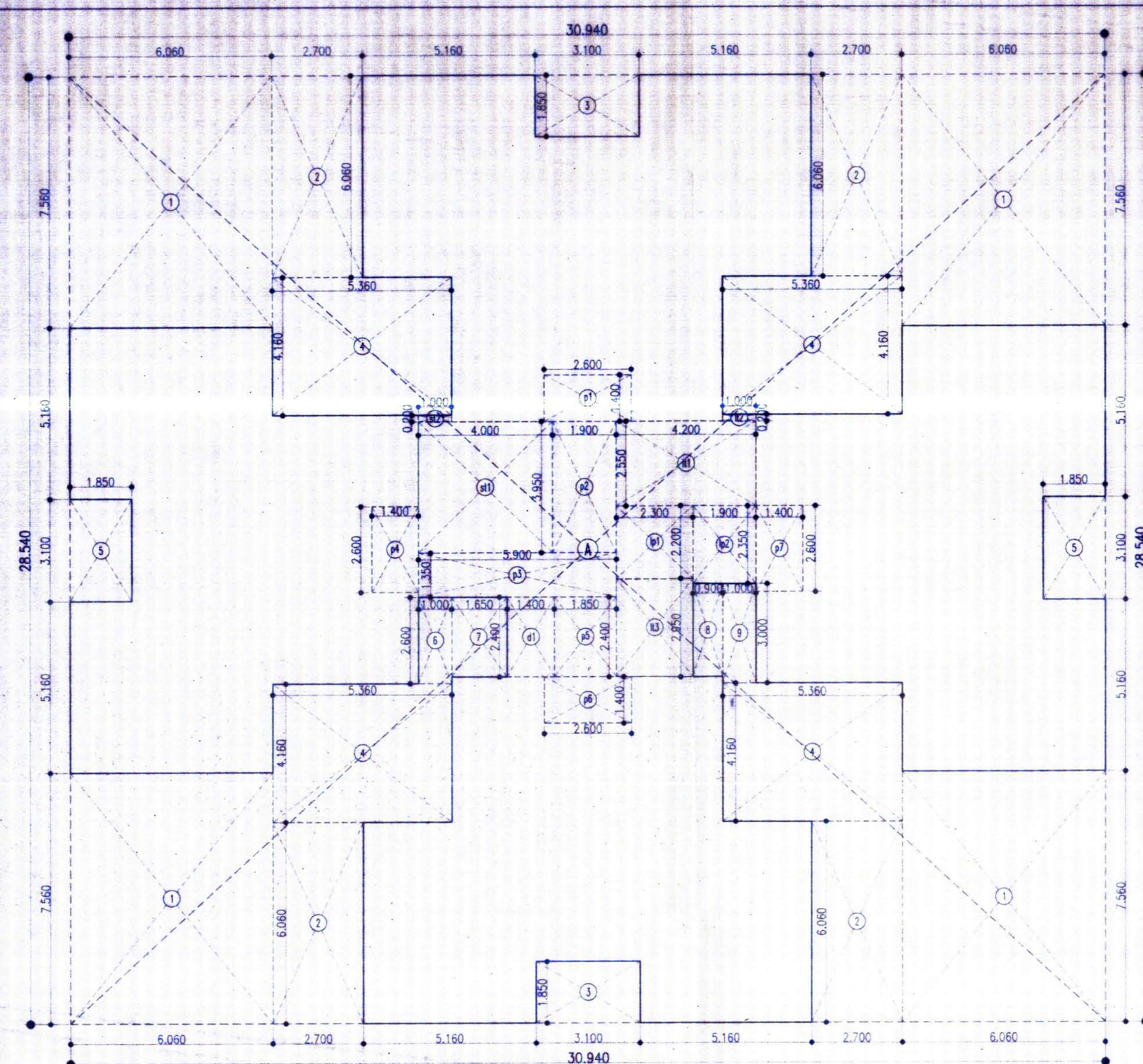
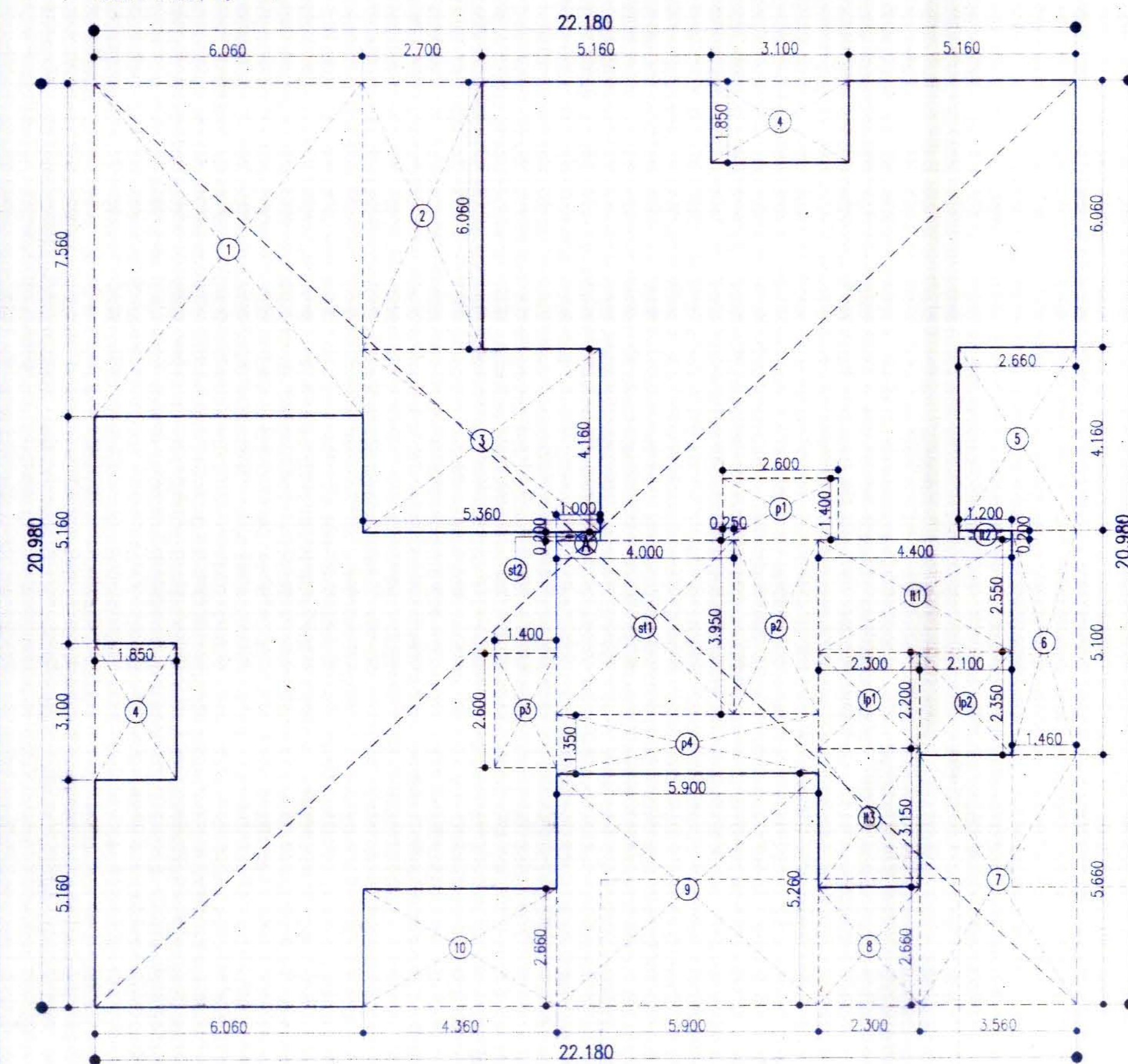
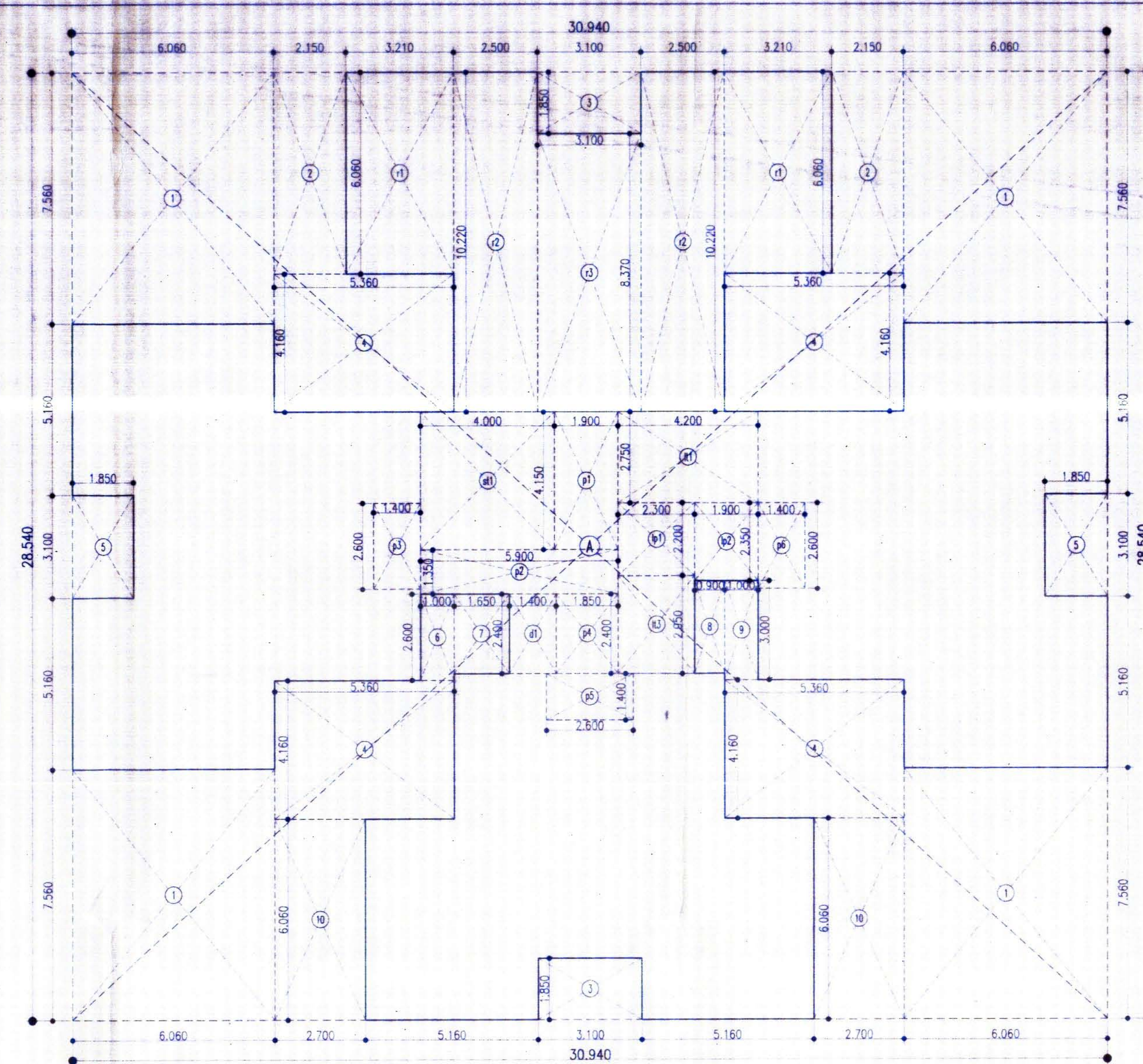




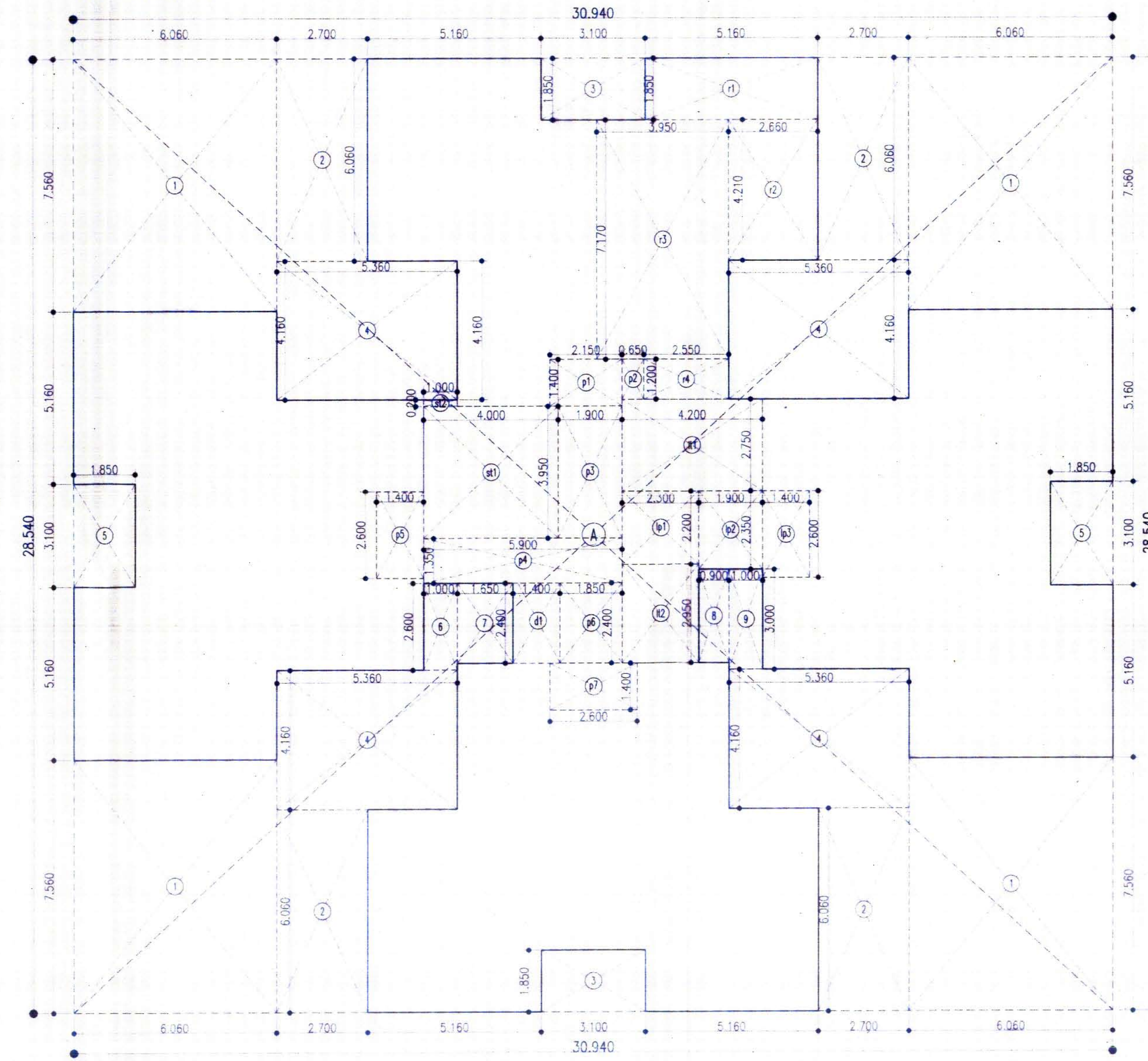
area line diagram 2nd to 6th, 8th to 13th, 15th to 20th & 22nd floor
scale 1:100 (wing - E)



area line diagram 1st floor
scale 1:100 (wing - E)



area line diagram 7th & 14th floor
scale 1:100 (wing - E)



area line diagram 21st floor
scale 1:100 (wing - E)

built up area calculation 1st floor

A	22.180	X	20.980	X	1 no	=	465.34 sq.mt.
total addition =						465.34 sq.mt.	①
deductions							
1	6.060	X	7.560	X	1 nos	=	45.81 sq.mt.
2	2.700	X	6.060	X	1 nos	=	16.36 sq.mt.
3	5.360	X	4.160	X	1 nos	=	22.30 sq.mt.
4	3.100	X	1.850	X	2 nos	=	11.47 sq.mt.
5	2.660	X	4.160	X	1 nos	=	11.06 sq.mt.
6	1.460	X	5.100	X	1 no	=	7.45 sq.mt.
7	3.560	X	5.660	X	1 no	=	20.15 sq.mt.
8	2.300	X	2.950	X	1 no	=	6.79 sq.mt.
9	5.900	X	5.280	X	1 no	=	31.03 sq.mt.
10	4.360	X	2.660	X	1 no	=	11.60 sq.mt.
total deduction =						183.35 sq.mt.	②
total built up area (1-10) =						281.99 sq.mt.	

staircase, lift & lobby area calculation

st1	4.000	X	3.950	X	1 no	= 15.80 sq.mt.
st2	1.000	X	0.200	X	1 no	= 0.20 sq.mt.
l1	4.400	X	2.550	X	1 no	= 11.22 sq.mt.
l2	1.200	X	0.200	X	1 no	= 0.24 sq.mt.
l3	2.300	X	3.150	X	1 no	= 7.24 sq.mt.
l4	2.300	X	2.200	X	1 no	= 5.06 sq.mt.
l5	2.100	X	2.350	X	1 no	= 4.93 sq.mt.
p1	2.600	X	1.400	X	1 no	= 3.64 sq.mt.
p2	1.900	X	3.950	X	1 no	= 7.51 sq.mt.
p3	1.400	X	1.350	X	1 no	= 1.89 sq.mt.
p4	5.900	X	1.350	X	1 no	= 7.97 sq.mt.
staircase & lift lobby area = 67.45 sq.mt.						
net built up area (3-4) = 214.54 sq.mt.						

built up area calculation 2nd to 6th, 8th to 13th, 15th to 20th & 22nd floor

A	30.940	X	28.540	X	1 no	= 883.03 sq.mt.
total addition = 883.03 sq.mt.						
deductions						
1	6.060	X	7.560	X	4 nos	= 183.25 sq.mt.
2	2.700	X	6.060	X	4 nos	= 65.44 sq.mt.
3	3.100	X	1.850	X	2 nos	= 11.47 sq.mt.
4	5.360	X	4.160	X	4 nos	= 89.19 sq.mt.
5	1.850	X	3.100	X	2 nos	= 11.47 sq.mt.
6	1.000	X	2.600	X	1 no	= 2.60 sq.mt.
7	1.650	X	2.400	X	1 no	= 3.96 sq.mt.
8	0.900	X	2.800	X	1 no	= 2.52 sq.mt.
9	1.000	X	3.000	X	1 no	= 3.00 sq.mt.
d1	1.400	X	2.400	X	1 no	= 3.36 sq.mt.
total deduction = 376.26 sq.mt.						
total built up area (1-2) = 506.77 sq.mt.						

staircase, lift & lobby area calculation

st1	4.000	X	3.950	X	1 no	= 15.80 sq.mt.
st2	1.000	X	0.200	X	1 no	= 0.20 sq.mt.
l1	4.200	X	2.550	X	1 no	= 10.71 sq.mt.
l2	1.000	X	0.200	X	1 no	= 0.20 sq.mt.
l3	2.300	X	2.950	X	1 no	= 6.79 sq.mt.
l4	2.300	X	2.200	X	1 no	= 5.06 sq.mt.
l5	1.900	X	2.350	X	1 no	= 4.47 sq.mt.
p1	2.600	X	1.400	X	1 no	= 3.64 sq.mt.
p2	1.900	X	3.950	X	1 no	= 7.51 sq.mt.
p3	5.900	X	1.350	X	1 no	= 7.97 sq.mt.
p4	1.400	X	2.600	X	1 no	= 3.64 sq.mt.
p5	1.850	X	2.400	X	1 no	= 4.44 sq.mt.
p6	2.600	X	1.400	X	1 no	= 3.64 sq.mt.
p7	1.400	X	2.600	X	1 no	= 3.64 sq.mt.
staircase & lift lobby area = 77.71 sq.mt.						
net built up area (3-4) = 429.06 sq.mt.						

built up area calculation 7th & 14th floor

A	30.940	X	28.540	X	1 no	= 883.03 sq.mt.
total addition = 883.03 sq.mt.						
deductions						
1	6.060	X	7.560	X	4 nos	= 183.25 sq.mt.
2	2.150	X	6.060	X	2 nos	= 26.06 sq.mt.
3	3.100	X	1.850	X	2 nos	= 11.47 sq.mt.
4	5.360	X	4.160	X	4 nos	= 89.19 sq.mt.
5	1.850	X	3.100	X	2 nos	= 11.47 sq.mt.
6	1.000	X	2.600	X	1 no	= 2.60 sq.mt.
7	1.650	X	2.400	X	1 no	= 3.96 sq.mt.
8	0.900	X	2.800	X	1 no	= 2.52 sq.mt.
9	1.000	X	3.000	X	1 no	= 3.00 sq.mt.
10	2.700	X	6.060	X	2 nos	= 32.72 sq.mt.
d1	1.400	X	2.400	X	1 no	= 3.36 sq.mt.
total deduction = 369.80 sq.mt.						
total built up area (1-2) = 513.43 sq.mt.						

staircase, lift & lobby area calculation

st1	4.000	X	4.150	X	1 no	= 16.60 sq.mt.
st2	4.200	X	2.750	X	1 no	= 11.55 sq.mt.
l1	2.300	X	2.950	X	1 no	= 6.79 sq.mt.
l2	2.300	X	2.200	X	1 no	= 5.06 sq.mt.
l3	1.900	X	2.350	X	1 no	= 4.47 sq.mt.
p1	1.900	X	4.150	X	1 no	= 7.86 sq.mt.
p2	5.900	X	1.350	X	1 no	= 7.97 sq.mt.
p3	1.400	X	2.600	X	1 no	= 3.64 sq.mt.
p4	1.850	X	2.400	X	1 no	= 4.44 sq.mt.
p5	2.600	X	1.400	X	1 no	= 3.64 sq.mt.
p6	1.400	X	2.600	X	1 no	= 3.64 sq.mt.
staircase & lift lobby area = 75.66 sq.mt.						

refuge area calculation

r1	3.210	X	5.060	X	2 no	= 32.90 sq.mt.
r2	2.500	X	10.220	X	2 no	= 51.10 sq.mt.
r3	3.150	X	8.370	X	1 no	= 26.35 sq.mt.
total refuge area = 115.95 sq.mt.						
net built up area (3-4-5) = 321.80 sq.mt.						
buid area of 7th floor = 321.80 sq.mt.						
buid area of 8th to 13th floor = 2574.36 sq.mt.						
total habitable area to be served (7+8) = 2896.16 sq.mt.						
required refuge area (4% of 9 above) = 115.85 sq.mt.						
proposed refuge area = 115.95 sq.mt.						
7th floor excess refuge area taken in fig (10-11) = 0.10 sq.mt.						
buid area of 14th floor = 321.80 sq.mt.						
buid area of 15th & 20th floor = 2574.36 sq.mt.						
total habitable area to be served (13-14) = 2896.16 sq.mt.						
required refuge area (4% of 15 above) = 115.85 sq.mt.						
proposed refuge area = 115.95 sq.mt.						
14th floor excess refuge area taken in fig (16-17) = 0.10 sq.mt.						

built up area calculation 21st floor

A	30.940	X	28.540	X	1 no	= 883.03 sq.mt.
total addition = 883.03 sq.mt.						
deductions						
1	6.060	X	7.560	X	4 nos	= 183.25 sq.mt.
2	2.700	X	6.060	X	4 nos	= 65.44 sq.mt.
3	3.100	X	1.850	X	2 nos	= 11.47 sq.mt.
4	5.360	X	4.160	X	4 nos	= 89.19 sq.mt.
5	1.850	X	3.100	X	2 nos	= 11.47 sq.mt.
6	1.000	X	2.600	X	1 no	= 2.60 sq.mt.
7	1.650	X	2.400	X	1 no	= 3.96 sq.mt.
8	0.900	X	2.800	X	1 no	= 2.52 sq.mt.
9	1.000	X	3.000	X	1 no	= 3.00 sq.mt.
d1	1.400	X	2.400	X	1 no	= 3.36 sq.mt.
total deduction = 376.26 sq.mt.						
total built up area (1-2) = 506.77 sq.mt.						

staircase, lift & lobby area calculation

st1	4.000	X	3.950	X	1 no	= 15.80 sq.mt.
st2	1.000	X	0.200	X	1 no	= 0.20 sq.mt.
l1	4.200	X	2.550	X	1 no	= 10.71 sq.mt.
l2	2.300	X	2.950	X	1 no	= 6.79 sq.mt.
l3	2.300	X	2.200	X	1 no	= 5.06 sq.mt.
l4	1.900	X	2.350	X	1 no	= 4.47 sq.mt.
l5	1.400	X	2.600	X	1 no	= 3.64 sq.mt.
p1	2.150	X	1.400	X	1 no	= 3.01 sq.mt.
p2	0.650	X	1.200	X	1 no	= 0.78 sq.mt.
p3	1.900	X	3.950	X	1 no	= 7.51 sq.mt.
p4	5.900	X	1.350	X	1 no	= 7.97 sq.mt.
p5	1.400	X	2.600	X	1 no	= 3.64 sq.mt.
p6	1.850	X	2.400	X	1 no	= 4.44 sq.mt.
p7	2.600	X	1.400	X	1 no	= 3.64 sq.mt.
staircase & lift lobby area = 78.50 sq.mt.						

refuge area calculation

r1	5.160	X	1.850	X	1 no	= 9.54 sq.mt.
r2	2.660	X	4.210	X	1 no	= 11.20 sq.mt.
r3	3.950	X	7.170	X	1 no	= 28.32 sq.mt.
r4	2.550	X	1.200	X	1 no	= 3.06 sq.mt.
total refuge area = 52.12 sq.mt.						
net built up area (3-4-5) = 376.15 sq.mt.						
buid area of 21st floor = 376.15 sq.mt.						
buid area of 22nd floor = 429.06 sq.mt.						
total habitable area to be served (7+8) = 805.21 sq.mt.						
required refuge area (4% of 9 above) = 32.21 sq.mt.						
proposed refuge area = 52.12 sq.mt.						
21st floor excess refuge area taken in fig (10-11) = 19.91 sq.mt.						

built up area statement (wing :- E)

floor	construction area (1)	staircase, lift & lobby area (2)	refuge area (3)	net built up area (4 = 1+2-3)	refuge area required (5)	excess refuge area (6 = 5-4)	total built up area (7 = 4+5)	no. of floor (8)
attic floor	—	—	—	—	—	—	—	—
podium floor	—	—	—	—	—	—	—	—
1st floor	281.99	67.45	—	214.54	—	—	214.54	4.00
2nd floor	506.77	77.71	—	429.06	—	—	429.06	8.00
3rd floor	506.77	77.71	—	429.06	—	—	429.06	8.00
4th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
5th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
6th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
7th floor	513.43	75.88	115.95	321.80	115.85	0.10	321.90	6.00
8th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
9th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
10th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
11th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
12nd floor	506.77	77.71	—	429.06	—	—	429.06	8.00
13th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
14th floor	513.43	75.88	115.95	321.80	115.85	0.10	321.90	6.00
15th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
16th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
17th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
18th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
19th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
20th floor	506.77	77.71	—	429.06	—	—	429.06	8.00
21st floor	506.77	77.71	—	429.06	—	—	429.06	8.00
22nd floor	506.77	77.71	—	429.06	—	—	429.06	8.00
total	10937.48	1898.00	524.02	8957.37	263.91	20.11	8977.48	167.00