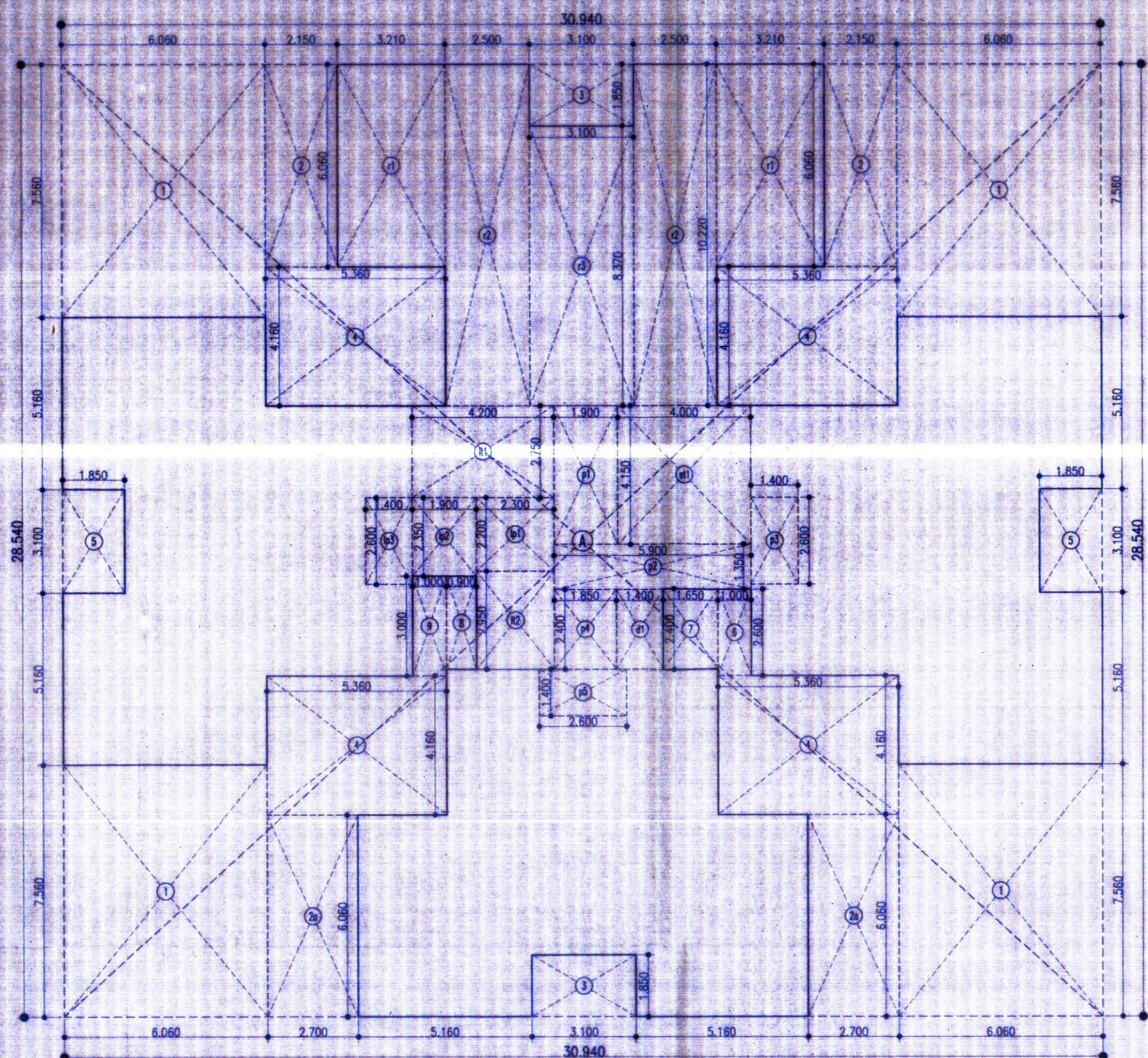
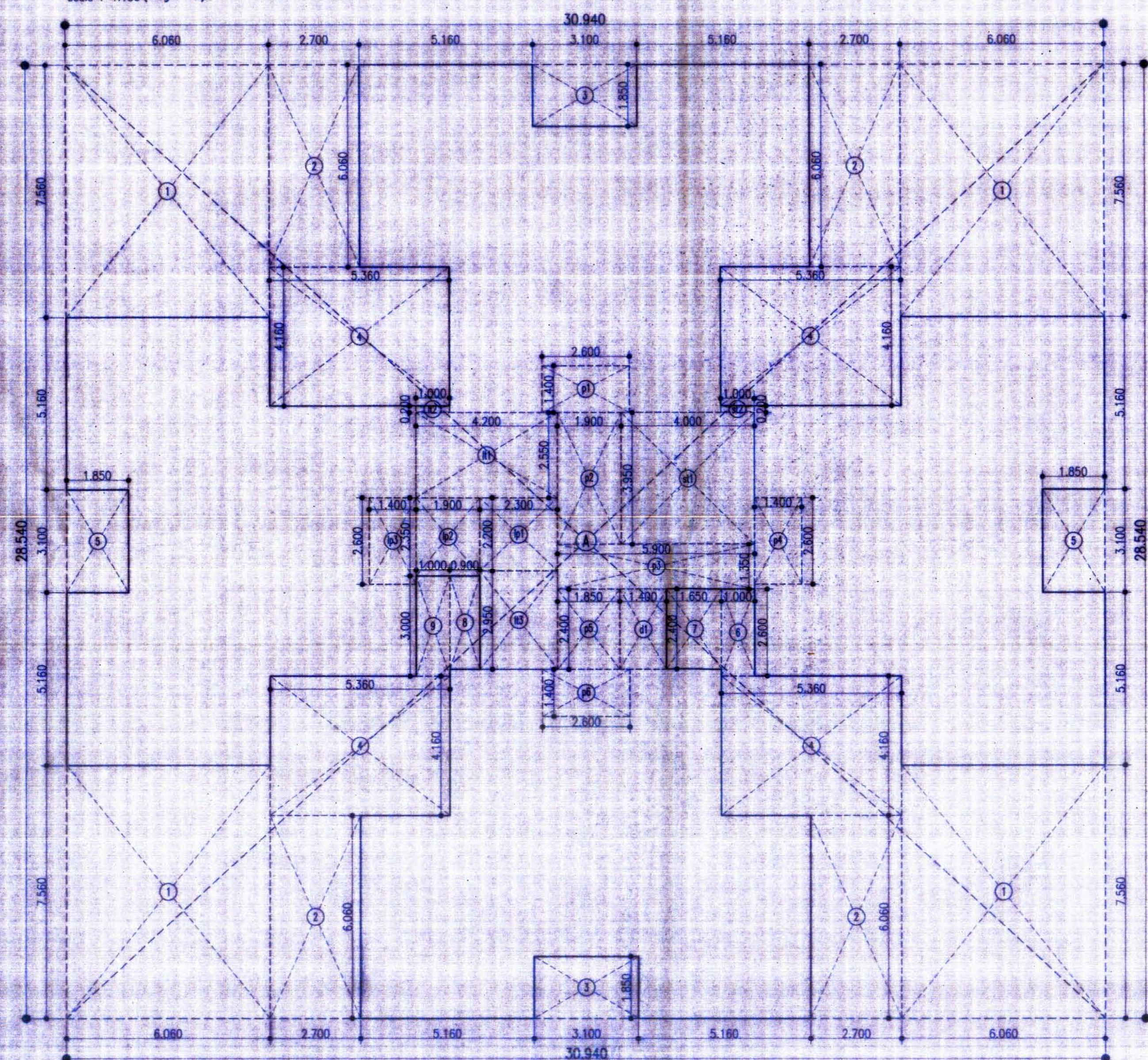
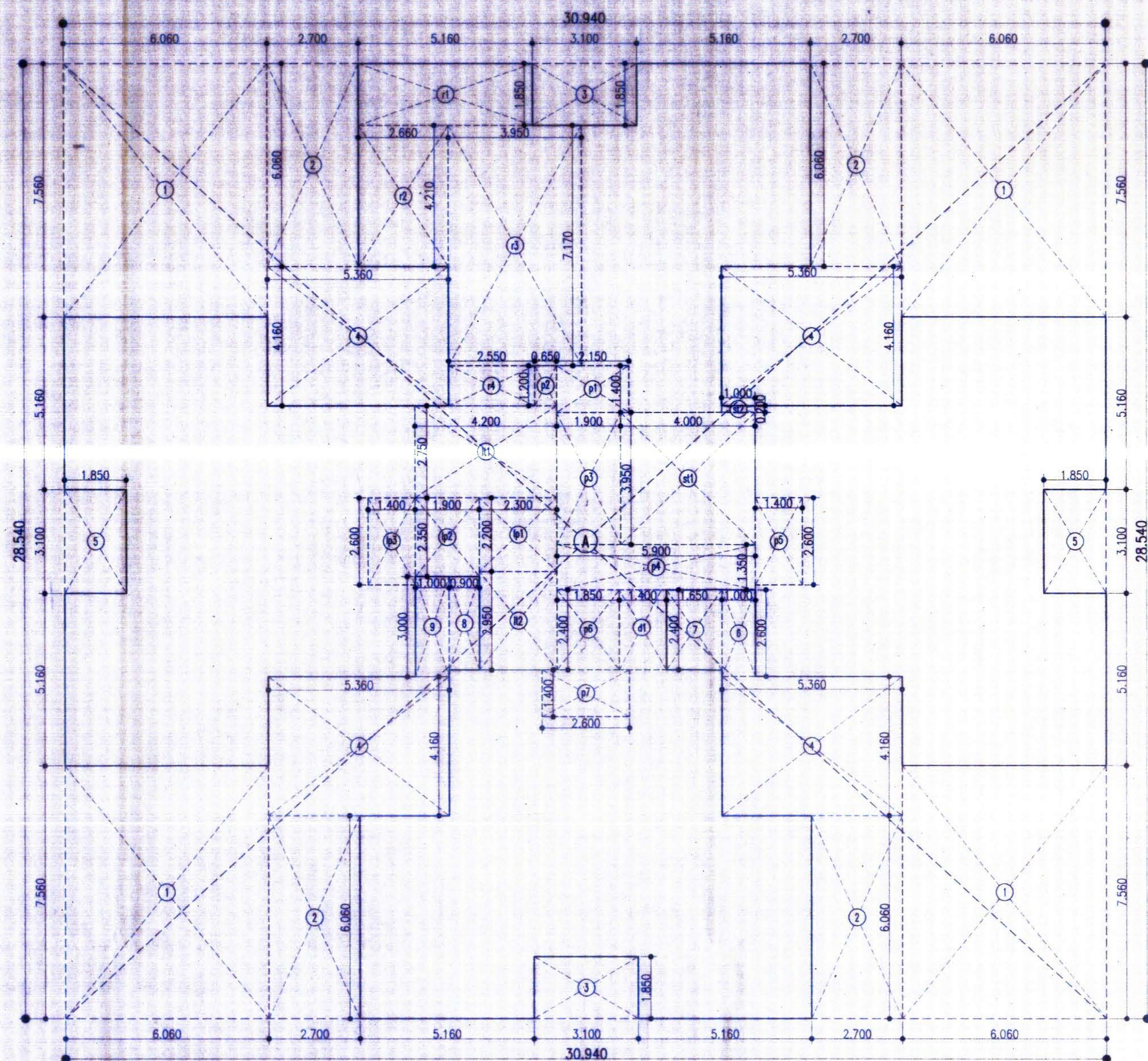




area line diagram 7th & 14th floor
scale :- 1:100 (wing - D)



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



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

built up area calculation 1st to 6th,
8th to 13th, 15th to 20th & 22nd floor

A	30.940	X	28.540	X	1 no	=	883.03 sq.mt.	①
total addition							=	883.03 sq.mt.
deductions								
1	6.060	X	7.560	X	4 nos	=	183.25 sq.mt.	②
2	2.700	X	6.060	X	4 nos	=	65.44 sq.mt.	③
3	3.100	X	1.850	X	2 nos	=	11.47 sq.mt.	④
4	5.360	X	4.160	X	4 nos	=	89.19 sq.mt.	⑤
5	1.850	X	3.100	X	2 nos	=	11.47 sq.mt.	⑥
6	1.000	X	2.600	X	1 no	=	2.60 sq.mt.	⑦
7	1.650	X	2.400	X	1 no	=	3.96 sq.mt.	⑧
8	0.900	X	2.800	X	1 no	=	2.52 sq.mt.	⑨
9	1.000	X	3.000	X	1 no	=	3.00 sq.mt.	⑩
d1	1.400	X	2.400	X	1 no	=	3.36 sq.mt.	⑪
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.	⑫
st2	1.000	X	0.200	X	1 no	=	0.20 sq.mt.	⑬
lt1	4.200	X	2.550	X	1 no	=	10.71 sq.mt.	⑭
lt2	1.000	X	0.200	X	1 no	=	0.20 sq.mt.	⑮
lt3	2.300	X	2.200	X	1 no	=	5.06 sq.mt.	⑯
lp1	2.300	X	2.200	X	1 no	=	5.06 sq.mt.	⑰
lp2	1.900	X	2.350	X	1 no	=	4.47 sq.mt.	⑱
lp3	1.400	X	2.600	X	1 no	=	3.64 sq.mt.	⑲
p1	2.600	X	1.400	X	1 no	=	3.64 sq.mt.	⑳
p2	1.900	X	3.950	X	1 no	=	7.51 sq.mt.	㉑
p3	5.900	X	1.350	X	1 no	=	7.97 sq.mt.	㉒
p4	1.400	X	2.600	X	1 no	=	3.64 sq.mt.	㉓
p5	1.850	X	2.400	X	1 no	=	4.44 sq.mt.	㉔
p6	2.600	X	1.400	X	1 no	=	3.64 sq.mt.	㉕
staircase & lift lobby area							=	77.71 sq.mt.
net built up area (3-4)							=	429.06 sq.mt.

st1	4.000	X	3.950	X	1 no	=	15.80 sq.mt.	⑫
st2	1.000	X	0.200	X	1 no	=	0.20 sq.mt.	⑬
lt1	4.200	X	2.550	X	1 no	=	10.71 sq.mt.	⑭
lt2	1.000	X	0.200	X	1 no	=	0.20 sq.mt.	⑮
lt3	2.300	X	2.200	X	1 no	=	5.06 sq.mt.	⑯
lp1	2.300	X	2.200	X	1 no	=	5.06 sq.mt.	⑰
lp2	1.900	X	2.350	X	1 no	=	4.47 sq.mt.	⑱
lp3	1.400	X	2.600	X	1 no	=	3.64 sq.mt.	⑲
p1	2.600	X	1.400	X	1 no	=	3.64 sq.mt.	⑳
p2	1.900	X	3.950	X	1 no	=	7.51 sq.mt.	㉑
p3	5.900	X	1.350	X	1 no	=	7.97 sq.mt.	㉒
p4	1.400	X	2.600	X	1 no	=	3.64 sq.mt.	㉓
p5	1.850	X	2.400	X	1 no	=	4.44 sq.mt.	㉔
p6	2.600	X	1.400	X	1 no	=	3.64 sq.mt.	㉕
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.	①
total addition							=	883.03 sq.mt.
deductions								
1	6.060	X	7.560	X	4 nos	=	183.25 sq.mt.	②
2	2.150	X	6.060	X	2 nos	=	26.06 sq.mt.	③
2a	2.700	X	6.060	X	2 nos	=	32.72 sq.mt.	④
3	3.100	X	1.850	X	2 nos	=	11.47 sq.mt.	⑤
4	5.360	X	4.160	X	4 nos	=	89.19 sq.mt.	⑥
5	1.850	X	3.100	X	2 nos	=	11.47 sq.mt.	⑦
6	1.000	X	2.600	X	1 no	=	2.60 sq.mt.	⑧
7	1.650	X	2.400	X	1 no	=	3.96 sq.mt.	⑨
8	0.900	X	2.800	X	1 no	=	2.52 sq.mt.	⑩
9	1.000	X	3.000	X	1 no	=	3.00 sq.mt.	⑪
d1	1.400	X	2.400	X	1 no	=	3.36 sq.mt.	⑫
total deduction							=	309.80 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.	⑫
lt1	4.200	X	2.750	X	1 no	=	11.55 sq.mt.	⑬
lt2	2.300	X	2.950	X	1 no	=	6.79 sq.mt.	⑭
lp1	2.300	X	2.200	X	1 no	=	5.06 sq.mt.	⑮
lp2	1.900	X	2.350	X	1 no	=	4.47 sq.mt.	⑯
lp3	1.400	X	2.600	X	1 no	=	3.64 sq.mt.	⑰
p1	1.900	X	4.150	X	1 no	=	7.89 sq.mt.	⑱
p2	5.900	X	1.350	X	1 no	=	7.97 sq.mt.	㉑
p3	1.400	X	2.600	X	1 no	=	3.64 sq.mt.	㉒
p4	1.850	X	2.400	X	1 no	=	4.44 sq.mt.	㉓
p5	2.600	X	1.400	X	1 no	=	3.64 sq.mt.	㉔
staircase & lift lobby area							=	75.69 sq.mt.

refuge area calculation

r1	3.210	X	6.060	X	2 no	=	38.90 sq.mt.	⑫
r2	2.500	X	10.220	X	2 no	=	51.10 sq.mt.	⑬
r3	3.100	X	8.370	X	1 no	=	25.95 sq.mt.	⑭
total refuge area							=	115.95 sq.mt.
net built up area (3-4-5)								
b.u.a area of 7th floor							=	321.76 sq.mt.
b.u.a area of 14th floor							=	2574.36 sq.mt.
total habitable area to be served (7+8)							=	2896.12 sq.mt.
required refuge area (4% of 9 above)							=	115.84 sq.mt.
proposed refuge area							=	115.95 sq.mt.
7th floor excess refuge area taken in fsi (10-11)								
b.u.a area of 14th floor							=	321.76 sq.mt.
b.u.a area of 15th & 20th floor							=	2574.36 sq.mt.
total habitable area to be served (13+14)							=	2896.12 sq.mt.
required refuge area (4% of 15 above)							=	115.84 sq.mt.
proposed refuge area							=	115.95 sq.mt.
14th floor excess refuge area taken in fsi (16-17)								
b.u.a area of 21st floor							=	376.15 sq.mt.
b.u.a 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							=	32.12 sq.mt.
21st floor excess refuge area taken in fsi (10-11)								
b.u.a area of 21st floor							=	376.15 sq.mt.
b.u.a area of 22nd floor							=	429.06 sq.mt.
total habitable area to be served (13+14)							=	805.21 sq.mt.
required refuge area (4% of 9 above)							=	32.21 sq.mt.
proposed refuge area							=	32.12 sq.mt.

built up area calculation 21st floor

A	30.940	X	28.540	X	1 no	=	883.03 sq.mt.	①
total addition							=	883.03 sq.mt.
deductions								
1	6.060	X	7.560	X	4 nos	=	183.25 sq.mt.	②
2	2.700	X	6.060	X	4 nos	=	65.44 sq.mt.	③
3	3.100	X	1.850	X	2 nos	=	11.47 sq.mt.	④
4	5.360	X	4.160	X	4 nos	=	89.19 sq.mt.	⑤
5	1.850	X	3.100	X	2 nos	=	11.47 sq.mt.	⑥
6	1.000	X	2.600	X	1 no	=	2.60 sq.mt.	⑦
7	1.650	X	2.400	X	1 no	=	3.96 sq.mt.	⑧
8	0.900	X	2.800	X	1 no	=	2.52 sq.mt.	⑨
9	1.000	X	3.000	X	1 no	=	3.00 sq.mt.	⑩
d1	1.400	X	2.400	X	1 no	=	3.36 sq.mt.	⑪
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.	⑫
st2	1.000	X	0.200	X	1 no	=	0.20 sq.mt.	⑬
lt1	4.200	X	2.750	X	1 no	=	11.55 sq.mt.	⑭
lt2	2.300	X	2.950	X	1 no	=	6.79 sq.mt.	⑮
lp1	2.300	X	2.200	X	1 no	=	5.06 sq.mt.	⑯
lp2	1.900	X	2.350	X	1 no	=	4.47 sq.mt.	⑰
lp3	1.400	X	2.600	X	1 no	=	3.64 sq.mt.	⑱
p1	2.150	X	1.400	X	1 no	=	3.01 sq.mt.	⑲
p2	0.650	X	1.200	X	1 no	=	0.78 sq.mt.	㉑
p3	1.900	X	3.950	X	1 no	=	7.51 sq.mt.	㉒
p4	5.900	X	1.350	X	1 no	=	7.97 sq.mt.	㉓
p5	1.400	X	2.600	X	1 no	=	3.64 sq.mt.	㉔
p6	1.850	X	2.400	X	1 no	=	4.44 sq.mt.	㉕
p7	2.600	X	1.400	X	1 no	=	3.64 sq.mt.	㉖
staircase & lift lobby area							=	78.50 sq.mt.

refuge 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.	
lt1	4.200	X	2.750	X	1 no	=	11.55	sq.mt.	
lt2	2.300	X	2.950	X	1 no	=	6.79	sq.mt.	
lp1	2.300	X	2.200	X	1 no	=	5.06	sq.mt.	
lp2	1.900	X	2.350	X	1 no	=	4.47	sq.mt.	
lp3	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	0.850	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	2.800	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.
b.w.a area of 21st floor							=	376.15	sq.mt.
b.w.a 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 fsa (10-11)							=	19.91	sq.mt.