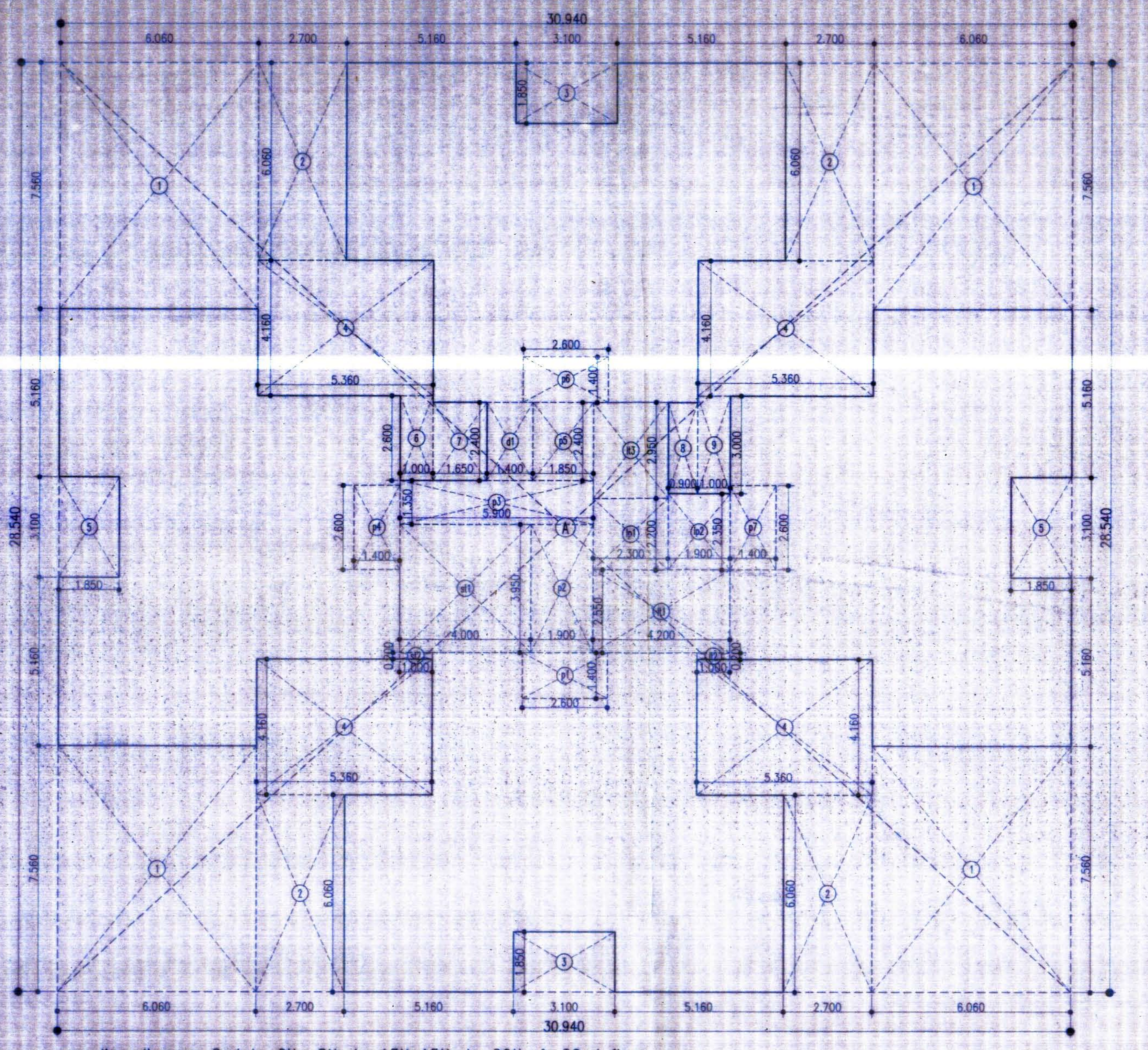
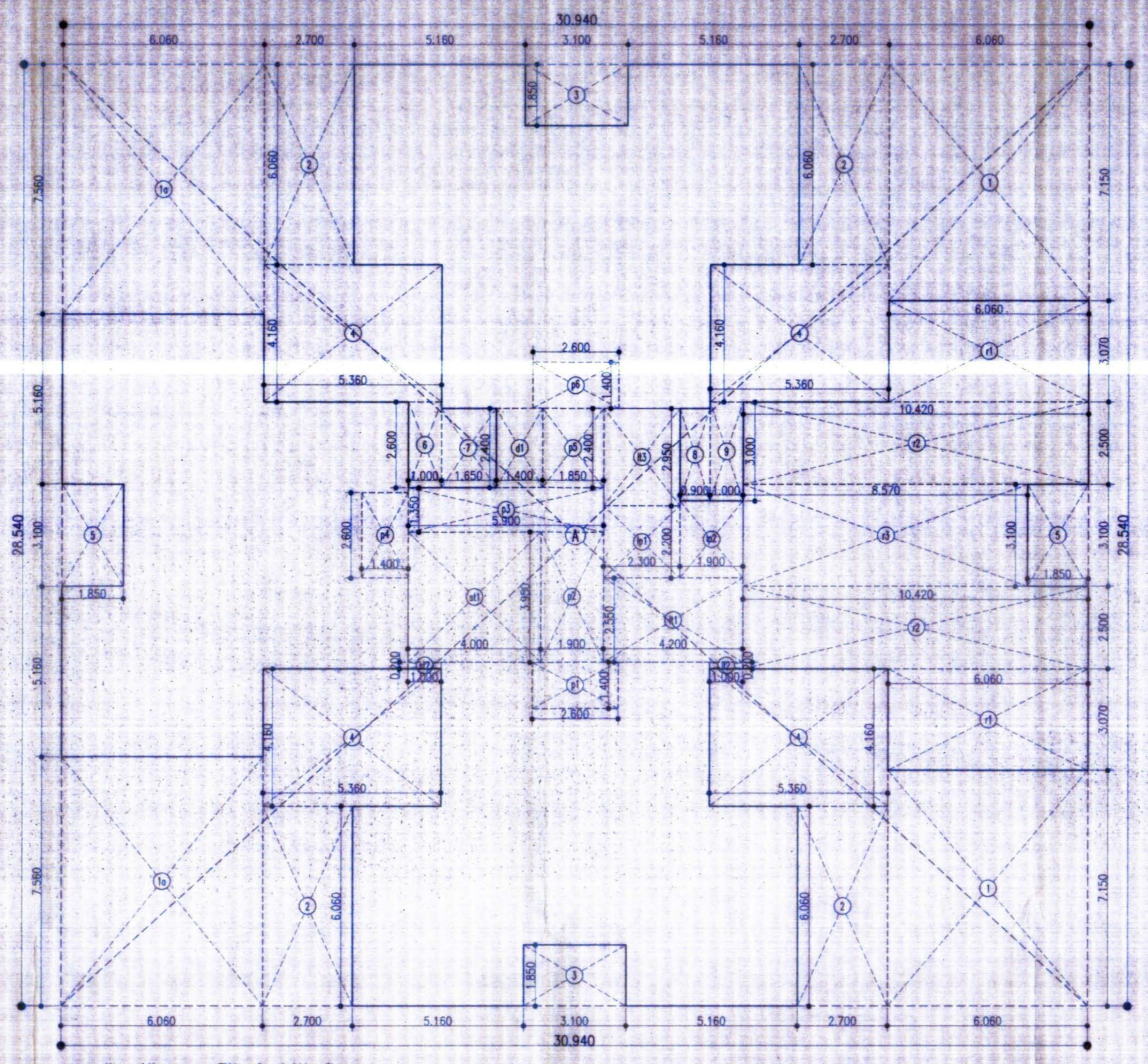
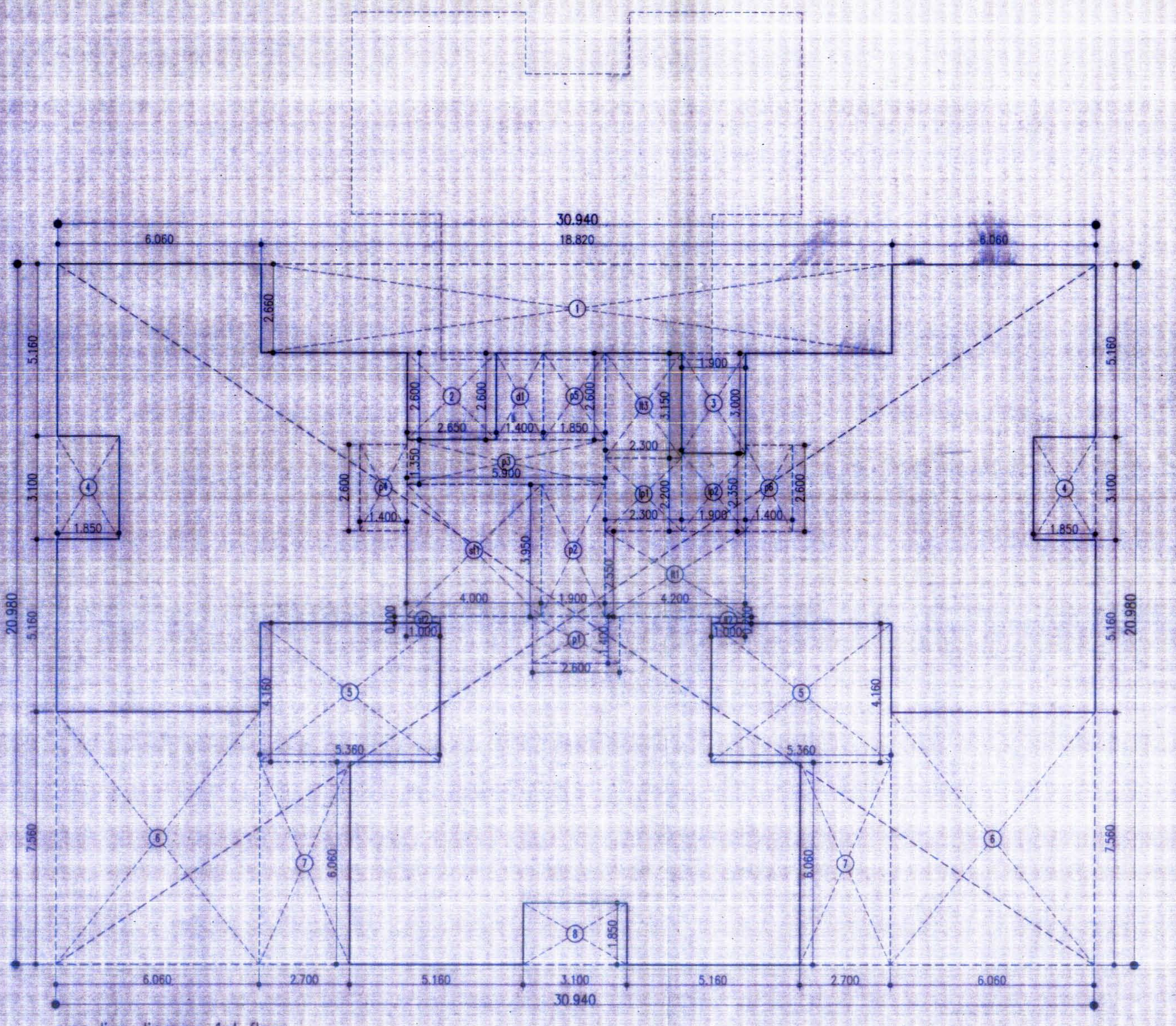


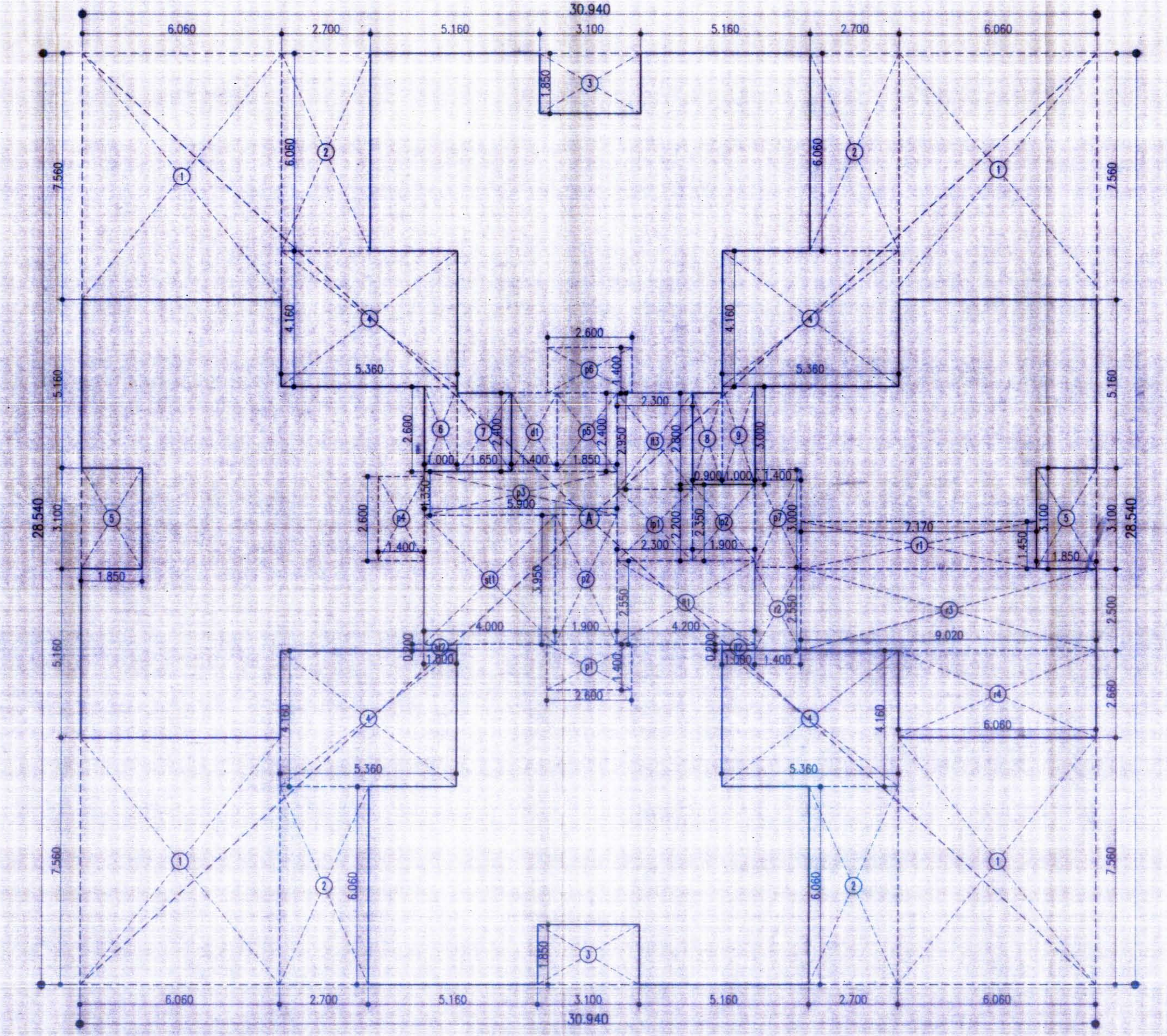
area line diagram 2nd to 6th, 8th to 13th,15th to 20th & 22nd floor
scale :-1:100 (wing :- B)



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



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



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

built up area calculation 1st floor

A	30.940	X 20.980	X	1no	=	649.12	sq.mt.	
				total addition	=	649.12	sq.mt.	①
deductions								
1	18.820	X 2.660	X	1no	=	50.06	sq.mt.	
2	2.650	X 2.600	X	1no	=	6.89	sq.mt.	
3	1.900	X 3.000	X	1no	=	5.70	sq.mt.	
4	1.850	X 3.100	X	2 nos	=	11.47	sq.mt.	
5	5.360	X 4.160	X	2 nos	=	44.59	sq.mt.	
6	6.060	X 7.560	X	2 nos	=	91.63	sq.mt.	
7	2.700	X 6.060	X	2 nos	=	32.72	sq.mt.	
8	3.100	X 1.850	X	1no	=	5.73	sq.mt.	
1a	1.400	X 2.600	X	1no	=	3.64	sq.mt.	
				total deduction	=	252.43	sq.mt.	②
				total built up area (1–2)	=	396.69	sq.mt.	③
staircase, lift & lobby area calculation								
st1	4.000	X 3.950	X	1no	=	15.80	sq.mt.	
st2	1.000	X 0.200	X	1no	=	0.20	sq.mt.	
lt1	4.200	X 2.550	X	1no	=	10.71	sq.mt.	
lt2	1.000	X 0.200	X	1no	=	0.20	sq.mt.	
lt3	2.300	X 3.150	X	1no	=	7.24	sq.mt.	
lp1	2.300	X 2.200	X	1no	=	5.06	sq.mt.	
lp2	1.900	X 2.350	X	1no	=	4.47	sq.mt.	
p1	2.600	X 1.400	X	1no	=	3.64	sq.mt.	
p2	1.900	X 3.950	X	1no	=	7.51	sq.mt.	
p3	5.900	X 1.350	X	1no	=	7.97	sq.mt.	
p4	1.400	X 2.600	X	1no	=	3.64	sq.mt.	
p5	1.850	X 2.600	X	1no	=	4.81	sq.mt.	
p6	1.400	X 2.600	X	1no	=	3.64	sq.mt.	
				staircase & lift lobby area	=	74.89	sq.mt.	④
				net built up area (3–4)	=	321.80	sq.mt.	⑤

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

A	30.940	X 28.540	X	1no	=	883.03	sq.mt.	
				total addition	=	883.03	sq.mt.	①
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	1no	=	2.60	sq.mt.	
7	1.650	X 2.400	X	1no	=	3.96	sq.mt.	
8	0.900	X 2.800	X	1no	=	2.52	sq.mt.	
9	1.000	X 3.000	X	1no	=	3.00	sq.mt.	
d1	1.400	X 2.400	X	1no	=	3.36	sq.mt.	
				total deduction	=	376.26	sq.mt.	②
				total built up area (1–2)	=	506.77	sq.mt.	③
staircase, lift & lobby area calculation								
st1	4.000	X 3.950	X	1no	=	15.80	sq.mt.	
st2	1.000	X 0.200	X	1no	=	0.20	sq.mt.	
lt1	4.200	X 2.550	X	1no	=	10.71	sq.mt.	
lt2	1.000	X 0.200	X	1no	=	0.20	sq.mt.	
lt3	2.300	X 2.950	X	1no	=	6.79	sq.mt.	
lp1	2.300	X 2.200	X	1no	=	5.06	sq.mt.	
lp2	1.900	X 2.350	X	1no	=	4.47	sq.mt.	
p1	2.600	X 1.400	X	1no	=	3.64	sq.mt.	
p2	1.900	X 3.950	X	1no	=	7.51	sq.mt.	
p3	5.900	X 1.350	X	1no	=	7.97	sq.mt.	
p4	1.400	X 2.600	X	1no	=	3.64	sq.mt.	
p5	1.850	X 2.400	X	1no	=	4.44	sq.mt.	
p6	2.600	X 1.400	X	1no	=	3.64	sq.mt.	
p7	1.400	X 2.600	X	1no	=	3.64	sq.mt.	
				staircase & lift lobby area	=	77.71	sq.mt.	④
				net built up area (3–4)	=	429.06	sq.mt.	⑤

built up area calculation 7th & 14th floor

A	30.940	X 28.540	X	1no	=	883.03	sq.mt.	
				total addition	=	883.03	sq.mt.	①
deductions								
1	6.060	X 7.560	X	2 nos	=	91.63	sq.mt.	
1a	6.060	X 7.560	X	2 nos	=	91.63	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	1no	=	2.60	sq.mt.	
7	1.650	X 2.400	X	1no	=	3.96	sq.mt.	
8	0.900	X 2.800	X	1no	=	2.52	sq.mt.	
9	1.000	X 3.000	X	1no	=	3.00	sq.mt.	
d1	1.400	X 2.400	X	1no	=	3.36	sq.mt.	
				total deduction	=	376.27	sq.mt.	②
				total built up area (1–2)	=	511.77	sq.mt.	③
staircase, lift & lobby area calculation								
st1	4.000	X 3.950	X	1no	=	15.80	sq.mt.	
st2	1.000	X 0.200	X	1no	=	0.20	sq.mt.	
lt1	4.200	X 2.550	X	1no	=	10.71	sq.mt.	
lt2	1.000	X 0.200	X	1no	=	0.20	sq.mt.	
lt3	2.300	X 2.950	X	1no	=	6.79	sq.mt.	
lp1	2.300	X 2.200	X	1no	=	5.06	sq.mt.	
lp2	1.900	X 2.350	X	1no	=	4.47	sq.mt.	
p1	2.600	X 1.400	X	1no	=	3.64	sq.mt.	
p2	1.900	X 3.950	X	1no	=	7.51	sq.mt.	
p3	5.900	X 1.350	X	1no	=	7.97	sq.mt.	
p4	1.400	X 2.600	X	1no	=	3.64	sq.mt.	
p5	1.850	X 2.400	X	1no	=	4.44	sq.mt.	
p6	2.600	X 1.400	X	1no	=	3.64	sq.mt.	
				staircase & lift lobby area	=	74.07	sq.mt.	④
refuge area calculation								
r1	6.060	X 3.070	X	2no	=	37.21	sq.mt.	
r2	10.420	X 2.500	X	2no	=	52.10	sq.mt.	
r3	8.570	X 3.100	X	1no	=	26.57	sq.mt.	
				total refuge area	=	115.88	sq.mt.	⑤
				net built up area (3–4–5)	=	321.81	sq.mt.	⑥
				b.u.a area of 7th floor	=	321.81	sq.mt.	⑦
				b.u.a area of 8th to 13th floor (429.06 x 6 flrs)	=	2574.36	sq.mt.	⑧
				total habitable area to be served (7+8)	=	2896.17	sq.mt.	⑨
				required refuge area (4% of 9 above)	=	115.84	sq.mt.	⑩
				proposed refuge area	=	115.88	sq.mt.	⑪
				7th floor excess refuge area taken in fsi (10–11)	=	0.04	sq.mt.	⑫
				b.u.a area of 14th floor	=	321.77	sq.mt.	⑬
				b.u.a area of 15th & 20th floor (429.06 x 6 flrs)	=	2574.36	sq.mt.	⑭
				total habitable area to be served (13+14)	=	2896.13	sq.mt.	⑮
				required refuge area (4% of 15 above)	=	115.84	sq.mt.	⑯
				proposed refuge area	=	115.88	sq.mt.	⑰
				14th floor excess refuge area taken in fsi (16–17)	=	0.04	sq.mt.	⑱

built up area calculation 21st floor

A	30.940	X 28.540	X	1no	=	883.03	sq.mt.	
				total addition	=	883.03	sq.mt.	①
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	1no	=	2.60	sq.mt.	
7	1.650	X 2.400	X	1no	=	3.96	sq.mt.	
8	0.900	X 2.800	X	1no	=	2.52	sq.mt.	
9	1.000	X 3.000	X	1no	=	3.00	sq.mt.	
d1	1.400	X 2.400	X	1no	=	3.36	sq.mt.	
				total deduction	=	376.26	sq.mt.	②
				total built up area (1–2)	=	506.77	sq.mt.	③
staircase, lift & lobby area calculation								
st1	4.000	X 3.950	X	1no	=	15.80	sq.mt.	
st2	1.000	X 0.200	X	1no	=	0.20	sq.mt.	
lt1	4.200	X 2.550	X	1no	=	10.71	sq.mt.	
lt2	1.000	X 0.200	X	1no	=	0.20	sq.mt.	
lt3	2.300	X 2.950	X	1no	=	6.78	sq.mt.	
lp1	2.300	X 2.200	X	1no	=	5.06	sq.mt.	
lp2	1.900	X 2.350	X	1no	=	4.46	sq.mt.	
p1	2.600	X 1.400	X	1no	=	3.64	sq.mt.	
p2	1.900	X 3.950	X	1no	=	7.50	sq.mt.	
p3	5.900	X 1.350	X	1no	=	7.96	sq.mt.	
p4	1.400	X 2.600	X	1no	=	3.64	sq.mt.	
p5	1.850	X 2.400	X	1no	=	4.44	sq.mt.	
p6	2.600	X 1.400	X	1no	=	3.64	sq.mt.	
p7	1.400	X 3.000	X	1no	=	4.20	sq.mt.	
				staircase & lift lobby area	=	78.23	sq.mt.	④
refuge area calculation								
r1	7.170	X 1.450	X	1no	=	10.40	sq.mt.	
r2	1.400	X 2.550	X	1no	=	3.57	sq.mt.	
r3	9.020	X 2.500	X	1no	=	22.55	sq.mt.	
r4	6.060	X 2.660	X	1no	=	16.12	sq.mt.	
				total refuge area	=	52.64	sq.mt.	⑤
				net built up area (3–4–5)	=	375.90	sq.mt.	⑥
				b.u.a area of 21st floor	=	375.90	sq.mt.	⑦
				b.u.a area of 22nd floor	=	429.06	sq.mt.	⑧
				total habitable area to be served (7+8)	=	804.96	sq.mt.	⑨
				required refuge area (4% of 9 above)	=	32.20	sq.mt.	⑩
				proposed refuge area	=	52.64	sq.mt.	⑪
				21st floor excess refuge area taken in fsi (10–11)	=	20.44	sq.mt.	⑫

built up area statement (wing :- B)

floor	construction area ①	staircase, lift & lobby area ②	refuge area ③	net built up area (1–2–3) ④	refuge area required ⑤	excess refuge area counted sale fsi ⑥	gross built up area (4+6) ⑦	no. of flat ⑧
stilt floor	-	-	-	-	-	-	-	-
podium floor	-	-	-	-	-	-	-	-
1st floor	396.69	74.89	-	321.80	-	-	321.80	6.00
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	511.72	74.07	115.88	321.77	115.84	0.04	321.81	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
11st 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	511.72	74.07	115.88	321.77	115.84	0.04	321.81	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	78.23	52.64	375.90	32.20	20.44	396.34	7.00
22nd floor	506.77	77.71	-	429.06	-	-	429.06	8.00
total	11048.76	1700.04	284.40	9064.32	263.88	20.52	9084.84	169.00

P R O F O R M A – B

CONTENTS OF SHEET

Rehab building (building no.1 wing – B)
built up area diagram & calculations

STAMP OF DATE OF RECEIPT OF PLANS

STAMP OF APPROVAL OF PLANS

Approved Subject to the Conditions Mentioned in this office Permission Letter No. MDD/BP & RD CELL/A/......................DT..............................
18/04/2017
Executive Engineer
Mumbai Development Division
Building Planning & Redevelopment
Cell / A
MHADA

ISSUED / REVISION:

REV	DATE	NOTE

OWNER:

MHADA – MUMBAI BOARD
GRIHA NIRMAN BHAVAN,KALANAGAR,
BANDRA (EAST), MUMBAI –400051
PH NO. 56405000,26592877,26592822

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LAXMAN THITE ATCHITECT

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BEHIND RHYTHM HOUSE, KALA GHODA, FORT, MUMBAI.
PIN-400 023, TEL NO. 22024892, 22822067 / 2084

SHEET TITLE:

Proposed Rehab Building No. 1 for Re–Development of existing building as per new DCR 33(9)(B)–Appendix III–B dated 27th Dec 2016 existing buildings on plot bearing C.S. No. 101, 102, 2A/102, 4/102, 103 3/104 & 105 of Lower Parel division, situated at N.M.Joshi Marg known as BDD Chawls in G/South Ward Mumbai.

DATE	DEALT	NORTH
SCALE	CHECKED	

PATH: