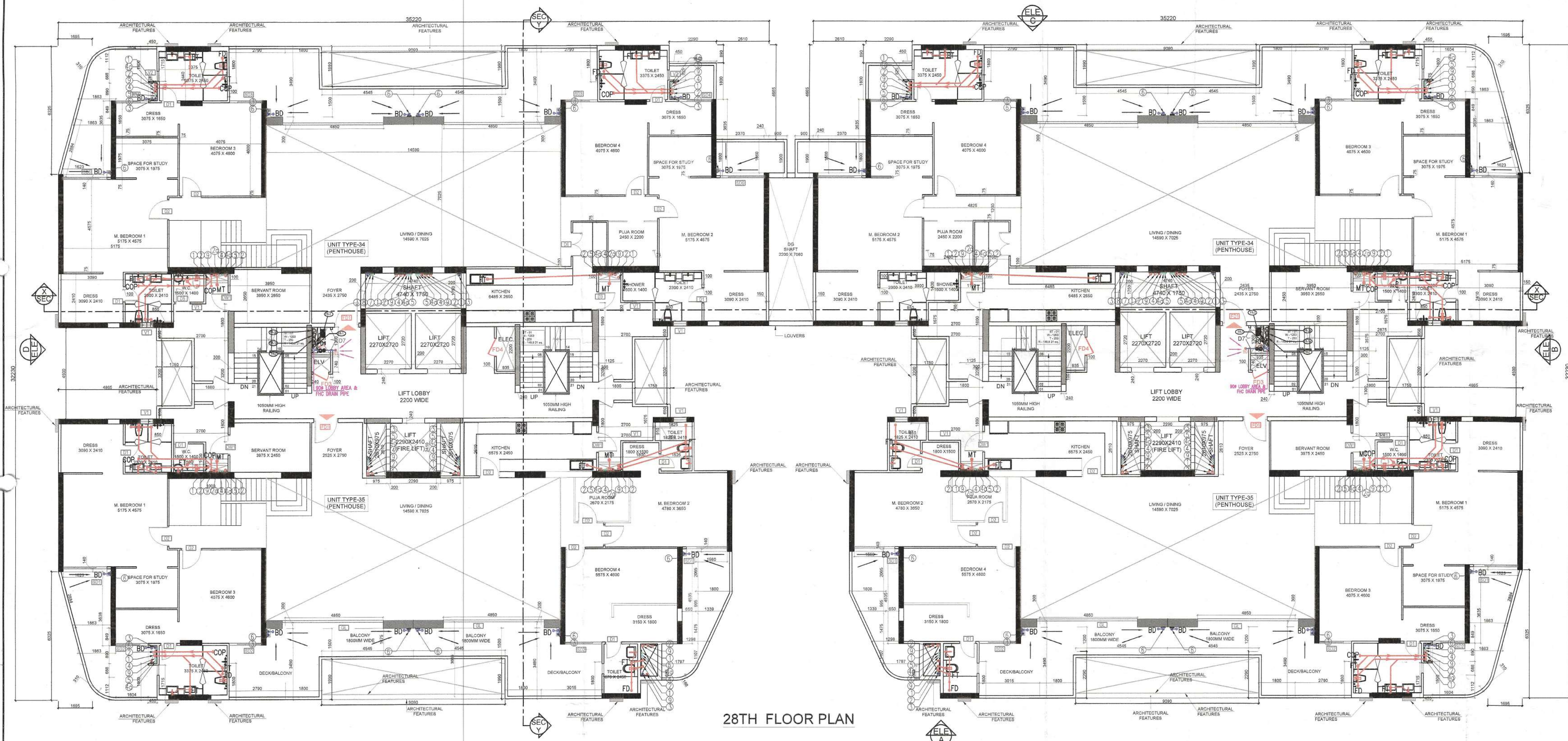
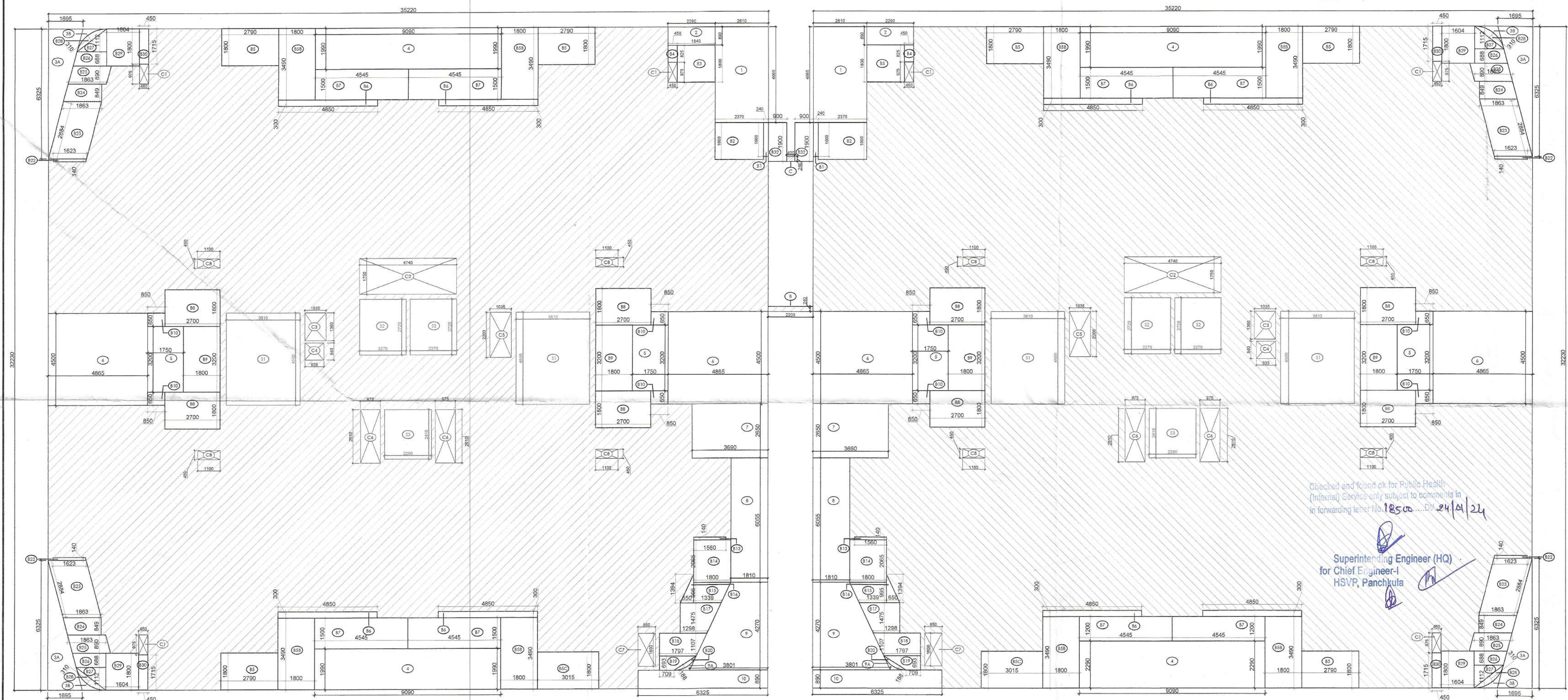




28TH FLOOR PLAN



Checked and found ok for Public Health
(Internal) Service only subject to connection
in forwarding letter No. 18500 dated 24/11/24

Superintending Engineer (HQ)
for Chief Engineer-I
HSVP, Panchkula

TO BE READ WITH THIS OFFICE
MEMO NO.: 9920
DATED: 15/03/24

DOT (T)
MEMBER
BPAC

S.T.P. (HQ)
Member Secretary
B.P.A.C.

S.T.P. (G)
Member
B.P.A.C.

S.T.P. (HR)
Chairman
B.P.A.C.

DTP (HQ)

Consultant
Architect

ATP (HQ)

AD.

P.A.

A.T.P.

Rajesh Dutt
JD (HQ)

TYPICAL SECTION FOR TOILET VENTILATION



DOOR WINDOW OPENING SCHEDULE

TYPE	WIDTH	HEIGHT	CILL	LINTEL	FIRE RATING
D1	800	2425	00	2425	
D2	1000	2425	00	2425	
D3	900	2425	00	2425	
D4	650	2125	300	2425	
D5	750	2425	00	2425	
D6	1200	2425	00	2425	
D7	1000	2325	100	2425	
DW1	1000	2425	00	2425	
DW2	850	2425	00	2425	
V1	600	625	1800	2425	
V2	500	625	1800	2425	
V3	650	625	1800	2425	
SD1	1725	2425	00	2425	
SD2	2010	2425	00	2425	
SD3	2075	2425	00	2425	
SD4	3110	2425	00	2425	
SD5	1600	2425	00	2425	
SD6	2435	2425	00	2425	
GL1	2000	2425	00	2425	
FD1 (FIRE DOOR)	1200	2425	00	2425	1HR. FIRE RATING DOOR
FD2 (FIRE DOOR)	900	2425	00	2425	1HR. FIRE RATING DOOR
FD3 (FIRE DOOR)	750	2325	100	2425	2 HR. FIRE RATING DOOR
FD4 (FIRE DOOR)	900	2325	100	2425	2 HR. FIRE RATING DOOR

PLUMBING LEGEND:

①	1100 SOIL PIPE
②	1100 WASTE PIPE
③	1100 RAIN WATER PIPE
④	DWS DN TAKE PIPE
⑤	DWS FROM BOOSTER PUMP FOR TOP TWO FLOOR
⑥	FWS DN TAKE PIPE
⑦	1100 BALCONY DRAIN PIPE
⑧	650 DOMESTIC WATER SUPPLY RISER
⑨	500 FLUSHING WATER SUPPLY RISER
⑩	750 ANTISYPHONAGE PIPE
WB TO FT	320 WASTE PIPE
SINK TO FT	500 WASTE PIPE
FD	FLOOR DRAIN WITH GRATING
FT	FLOOR TRAP WITH GRATING
MT	MULTI TRAP WITH GRATING
BD	BALCONY DRAIN WITH GRATING
DWS	DOMESTIC WATER SUPPLY PIPE
FWS	FLUSHING WATER SUPPLY PIPE
DWS	DWS PIPE THROUGH BOOSTER PUMP
GEYSER	TOILET GEYSER 25LTR
GEYSER	KITCHEN GEYSER 6LTR
P	BOOSTER PUMP SET FOR TOP TWO FLOOR
	CATCH BASIN 1100x500mm

Note:
1. The kitchen space has been considered as non-habitable space as per NBC 2016 Part-3, Section 2.4.5 clause, thus lighting and ventilation clause for kitchen do not apply only for main units kitchen.
2. Toilets are mechanically ventilated wherever marked in plan.



AREA CALCULATION FOR 28TH FLOOR

S.NO.	NOS.	FORMULA	LENGTH (L)	WIDTH (W)	WIDTH (W')	AREA	UNITS
A	2	L X W	35.220	32.230		2270.281	SQM.
B	1	L X W	2.200	0.240		0.528	SQM.
C	1	L X W	0.400	0.240		0.096	SQM.
TOTAL (A) =						2270.905	SQM.

BALCONY

B1	2	L X W	0.240	1.680		0.797	SQM.
B2	2	L X W	2.370	1.800		8.532	SQM.
B3	2	L X W	1.840	1.800		6.624	SQM.
B4	2	L X W	0.450	0.825		0.743	SQM.
B5	6	L X W	2.790	1.800		30.132	SQM.
B5B	8	L X W	1.800	3.480		50.256	SQM.
B5C	2	L X W	3.015	1.800		10.854	SQM.
B6	8	L X W	4.850	0.300		11.640	SQM.
B7	8	L X W	4.545	1.500		54.540	SQM.
B8	8	L X W	2.700	1.800		38.880	SQM.
B9	4	L X W	1.800	3.200		23.040	SQM.
B10	8	L X W	0.850	0.650		4.420	SQM.
B13	2	L X W	1.560	0.140		0.437	SQM.
B14	2	L X W	1.800	2.065		7.434	SQM.
B15	2	AS PER PLINE				3.120	SQM.
B16	2	1/2 X B X H	1.394	0.650		0.906	SQM.
B17	2	AS PER PLINE				4.844	SQM.
B18	2	AS PER PLINE				4.550	SQM.
B19	2	1/2 X H (L+W)				1.736	SQM.
B20	2	AS PER PLINE				0.530	SQM.
B22	4	AS PER PLINE				0.900	SQM.
B23	4	AS PER PLINE				20.764	SQM.
B24	4	AS PER PLINE				5.940	SQM.
B25	4	AS PER PLINE				6.632	SQM.
B26	4	AS PER PLINE				4.240	SQM.
B27	4	AS PER PLINE				3.220	SQM.
B28	4	AS PER PLINE				1.540	SQM.
B29	4	L X W	1.604	1.800		11.549	SQM.
B30	4	L X W	0.450	1.715		3.087	SQM.
TOTAL (B1) =						321.886	SQM.

SIDE BALCONIES

B32	2	L X W	0.900	1.900		3.420	SQM.
TOTAL (B2) =						3.420	SQM.
TOTAL AREA OF BALCONIES (B) = B1+B2						325.306	SQM.

CUT OUT / DEDUCTION AREA

1	2	L X W	2.610	4.665		24.351	SQM.
2	2	L X W	2.290	0.890		4.076	SQM.
3A	4	1/2 X B X H	6.325	1.695		21.436	SQM.
3B	4	AS PER PLINE				1.012	SQM.
4	4	L X W	9.090	1.990		72.356	SQM.
5	4	L X W	1.750	3.200		22.400	SQM.
6	4	L X W	4.865	4.500		87.570	SQM.
7	2	L X W	3.690	2.650		19.557	SQM.
8	2	L X W	6.055	1.810		21.919	SQM.
9	2	1/2 H (L+W)				23.958	SQM.
9A	2	AS PER PLINE				0.201	SQM.
10	2	L X W	6.325	0.890		11.259	SQM.
C1	6	L X W	0.975	0.450		2.633	SQM.
C2	2	L X W	4.740	1.750		16.590	SQM.
C3	2	L X W	1.035	1.380		2.815	SQM.
C4	2	L X W	0.935	0.840		1.571	SQM.
C5	2	L X W	1.035	2.200		4.554	SQM.
C6	4	L X W	0.975	2.610		10.179	SQM.
C7	2	L X W	0.850	1.600		2.720	SQM.
C8	8	L X W	1.100	0.450		3.960	SQM.
S2	4	L X W	2.270	2.720		24.698	SQM.
S3	2	L X W	2.290	2.410		11.038	SQM.
TOTAL (C) =						390.852	SQM.

NON FAR AREA

S1	4	L X W	3.610	4.500		64.980	SQM.
TOTAL (D) =						64.980	SQM.
TOTAL FAR AREA (A)-(B1)+(C)+(D)						1493.187	SQM.
TOTAL COVERED AREA = (A)-(B1)+(C)						1558.167	SQM.
TOTAL BUILT UP AREA (A)+(B2)-C						1883.473	SQM.