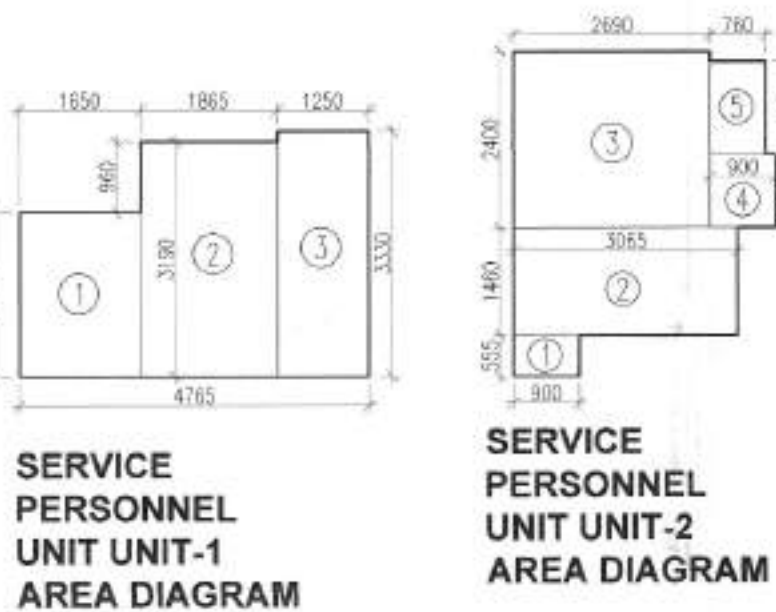
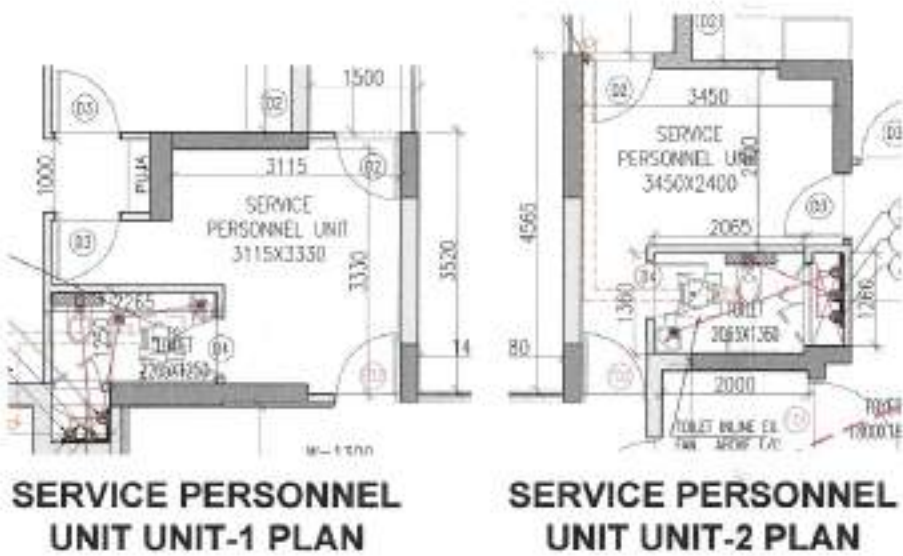


S.NO.	SYMBOL	DESCRIPTION
1	WB. TO FT	40 OD
2	FD. TO FT	63 OD
3	URINAL TO UT	50 OD
4	FT. TO VERTICAL STACK/ HORIZONTAL	110 OD
5	WC. TO VERTICAL STACK/ HORIZONTAL	110 OD
6	UT. TO VERTICAL STACK / HORIZONTAL	110 OD

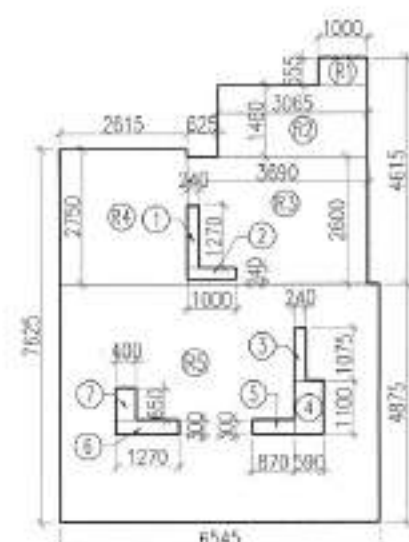
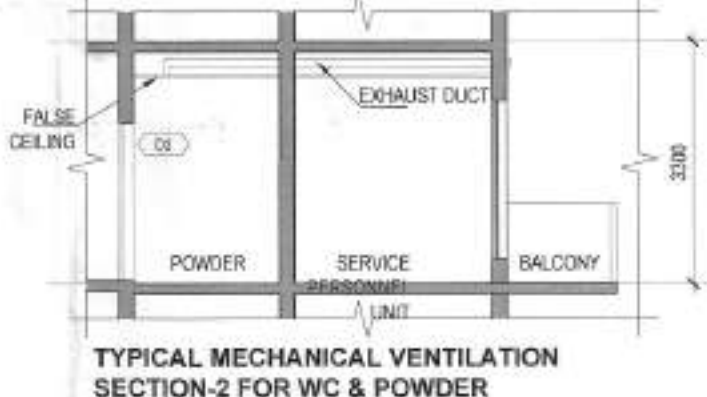
SYMBOL	DESCRIPTION
①	110 OD SOIL AND VENT PIPE
②	110 OD WASTE AND VENT PIPE
③	110 OD KITCHEN WASTE AND VENT PIPE
④	110 OD ANTISYPHONAGE PIPE
⑤	DOMESTIC WATER SUPPLY DN. TAKE PIPE
⑥	DOMESTIC WATER SUPPLY DN. TAKE PIPE
⑦	DOMESTIC WATER SUPPLY DN. TAKE PIPE FOR TOP 4TH FLOORS (PRESSURE SUPPLY)
⑧	FLUSHING WATER SUPPLY DN. TAKE PIPE
⑨	FLUSHING WATER SUPPLY DN. TAKE PIPE
⑩	FLUSHING WATER SUPPLY DN. TAKE PIPE
⑪	160 OD UPVC TERRACE RAIN WATER PIPE
⑫	110 OD UPVC TERRACE RAIN WATER PIPE
⑬	75Ø UPVC RAIN WATER PIPE (BALCONY)
⑭	DOMESTIC WATER SUPPLY RISER
⑮	FLUSHING WATER SUPPLY RISER
⑯	FLOOR DRAIN
⑰	FLOOR TRAP
⑱	LEDGE WALL
⑲	CUTOUT IN FLOOR



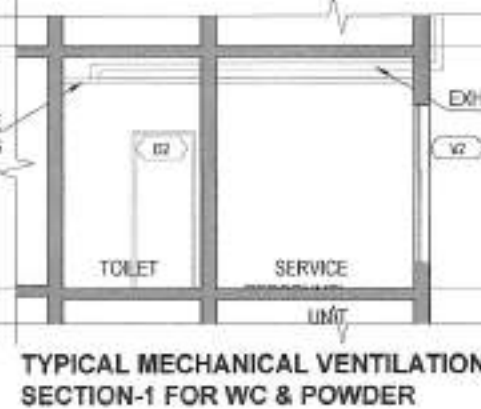
TOILET EXHAUST					
R.no.	SPACE	Area (F12)	Calculated CFM	Selected FAN CFM/Toilet	Selected FAN TYPE
3 BHK					
1	TOILET	41	55	75	PROPELLER
2	TOILET	22	29	75	CEILING MOUNT TYPE
3	TOILET	26	34	75	CEILING MOUNT TYPE
4	TOILET	50	66	75	PROPELLER
5	TOILET	41	55	75	PROPELLER
4 BHK					
1	TOILET	17	23	75	CEILING MOUNT TYPE
2	TOILET	43	57	75	PROPELLER
3	TOILET	24	32	75	CEILING MOUNT TYPE
4	TOILET	50	66	75	PROPELLER
5	TOILET	43	57	75	PROPELLER
6	TOILET	43	57	75	PROPELLER

SERVICE PERSONNEL UNIT-1 AREA CALCULATIONS					
S. No.	COEFF.	WIDTH	LENGHT	NOS.	AREA IN SQMT
1	1	1.650	2.230	1	3.680
2	1	1.865	3.190	1	5.949
3	1	1.250	3.330	1	4.163
TOTAL AREA					13.791

SERVICE PERSONNEL UNIT-2 AREA CALCULATIONS					
S. No.	COEFF.	WIDTH	LENGHT	NOS.	AREA IN SQMT
1	1	0.900	0.555	1	0.500
2	1	3.065	1.480	1	4.475
3	1	2.690	2.400	1	6.456
4	1	0.900	0.990	1	0.891
5	1	0.760	1.270	1	0.965
TOTAL AREA					13.287



REFUGE AREA DIAGRAM (16TH, 25TH & 34TH) (TOWER - 2)



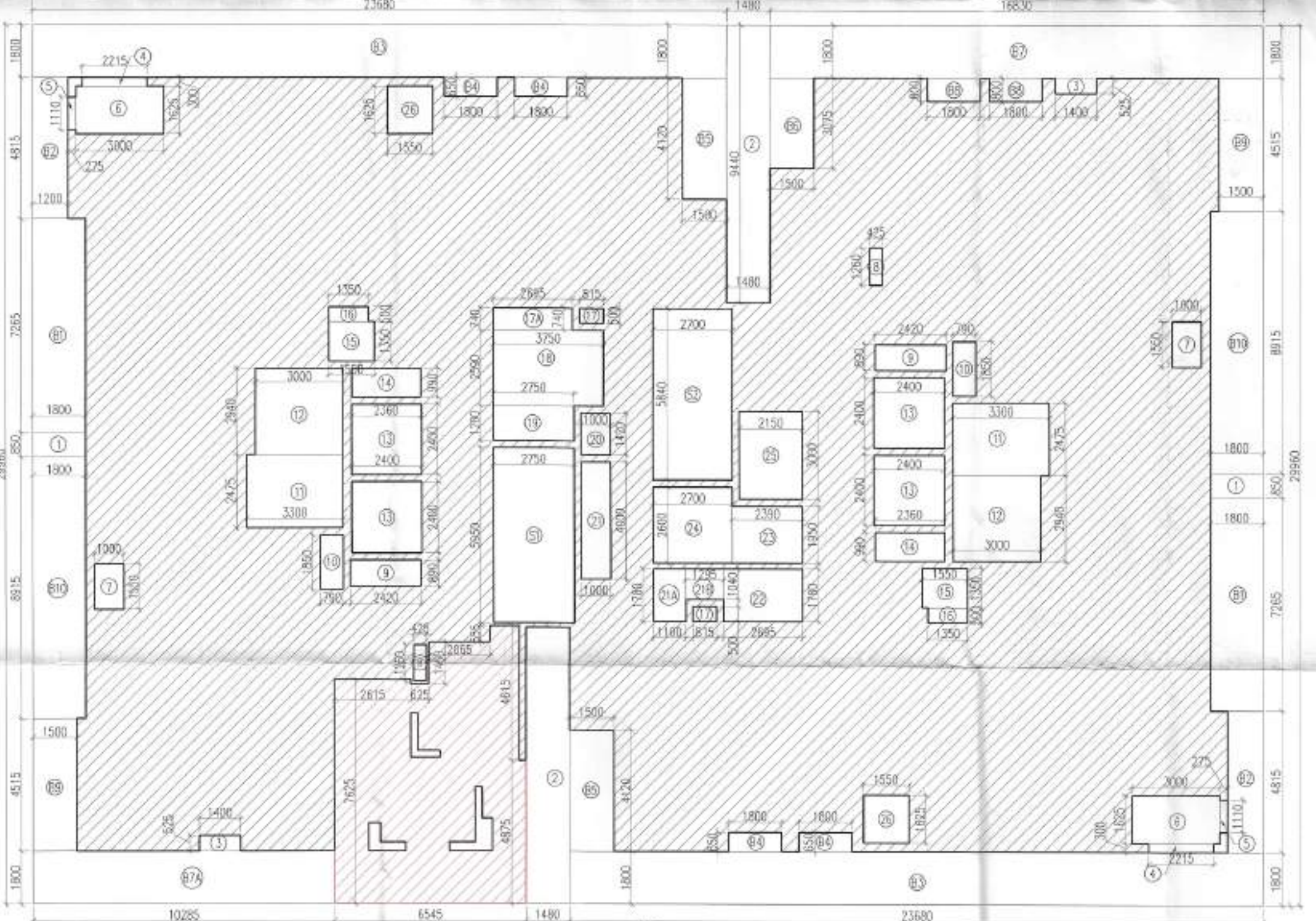
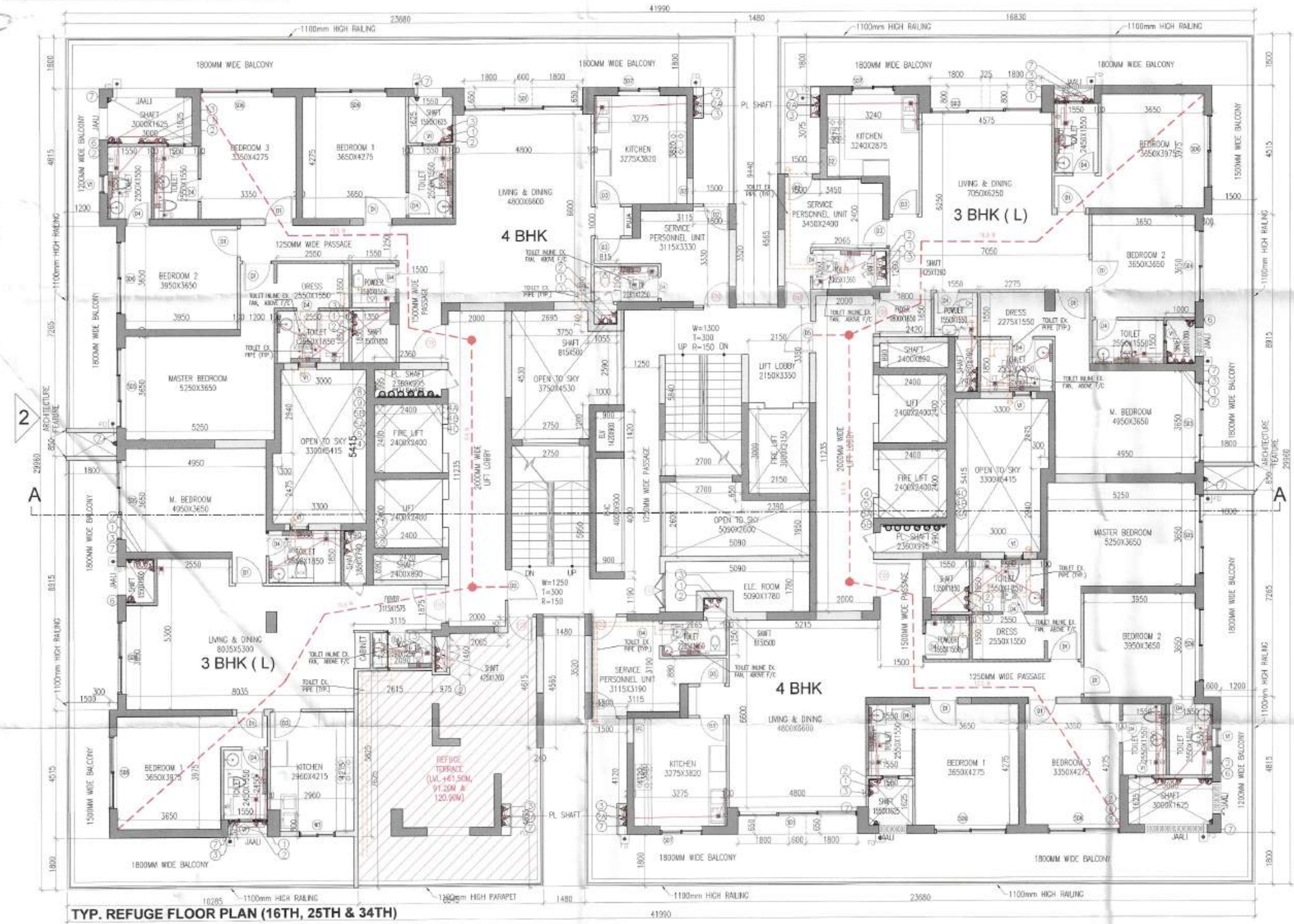
TYPICAL MECHANICAL VENTILATION SECTION-1 FOR WC & POWDER

REFUGE FLOOR AREA CALCULATIONS					
S. No.	COEFF.	WIDTH	LENGHT	NOS.	AREA IN SQMT
ADDITIONS					
A	1	41.960	29.960	1	1258.020
TOTAL ADDITIONS (A1)					1258.020
DEDUCTIONS					
1	1	1.800	0.850	2	3.060
2	1	1.480	9.440	2	27.942
3	1	1.480	0.625	2	1.470
4	1	2.215	0.300	2	1.329
5	1	0.275	1.110	2	0.611
6	1	3.000	1.625	2	9.750
7	1	1.000	1.850	2	3.100
8	1	0.425	1.260	2	1.071
9	1	2.420	0.890	2	4.308
10	1	0.780	1.850	2	2.863
11	1	3.300	2.475	2	16.335
12	1	3.000	2.840	2	17.640
13	1	2.400	2.400	4	23.040
14	1	2.360	0.990	2	4.673
15	1	1.550	1.350	2	4.185
16	1	1.350	0.500	1	1.350
17	1	0.815	0.500	2	0.815
17A	1	2.685	0.740	1	1.984
18	1	3.750	2.590	1	9.713
19	1	2.750	1.200	1	3.300
20	1	1.000	1.420	1	1.420
21	1	1.000	4.000	1	4.000
21A	1	1.100	1.780	1	1.958
21B	1	1.295	1.040	1	1.347
22	1	2.685	1.780	1	4.797
23	1	2.360	1.950	1	4.661
24	1	2.700	2.600	1	7.020
25	1	2.150	3.000	1	6.450
26	1	1.550	1.625	2	5.035
TOTAL DEDUCTIONS (A2)					175.298
NON FAR AREA (STAIRCASE)					
S1	1	2.750	5.950	1	16.363
S2	1	2.700	5.840	1	15.768
TOTAL NON FAR AREA (A3)					32.131

SCHEDULE OF DOORS & WINDOWS					
SIZE	TYPE	LOCATION	SILL	UNTEL	
1000x2100	D1	BEDROOM	-	+2100	
800x2100	D2	KITCHEN/STAFF	-	+2500	
800x2100	D3	CLOSET BEDROOM	-	+2100	
800x2100	D4	TOILET/POWDER	-	+2100	
1100x2100	D5	BEDROOM	-	+2100	
1250x2400	F01	ENTRY (2ND FLOOR)	-	+2400	
800x2400	F02	STAFF ENTRY (2ND FLOOR)	-	+2400	
1250x2400	F03	ELECTRICAL/TV ROOM	-	+2400	
800x2400	F04	PAC	-	+2400	
1000x2400	F05	STAIRCASE	-	+2400	
1500x1300	W1	KITCHEN	+1300	+2500	
1500x1300	W2	KITCHEN	+1300	+2500	
1270x1300	W3	KITCHEN	+1300	+2500	
650x1300	W4	TOILET	+1300	+2500	
4000x2500	S01	LIVING AND DINING	-	+2500	
4070x2500	S02	LIVING AND DINING	-	+2500	
3620x2500	S03	LIVING AND DINING	-	+2500	
3600x2500	S04	LIVING AND DINING	-	+2500	
2800x2500	S05	MASTER BEDROOM/BEDROOM	-	+2500	
2500x2500	S06	LIVING/BEDROOM	-	+2500	

BALCONY AREA					
B1	1	1.900	7.265	2	26.154
B2	1	1.200	4.815	2	11.556
B3	1	23.680	1.800	2	85.248
B4	1	1.800	0.650	4	4.680
B5	1	1.500	4.120	2	12.360
B6	1	1.500	3.075	1	4.613
B7	1	16.830	1.800	1	30.294
B7A	1	10.285	1.800	1	18.513
B8	1	1.800	0.800	2	2.880
B9	1	1.500	4.515	2	13.545
B10	1	1.800	8.915	2	32.094
TOTAL BALCONY AREA (A4)					241.937

REFUGE AREA ADDITIONS					
R1	1	1.000	0.555	1	0.555
R2	1	3.065	1.460	1	4.475
R3	1	3.690	2.600	1	9.594
R4	1	2.615	2.750	1	7.191
R5	1	5.545	4.875	1	31.907
TOTAL ADDITIONS (A5)					53.722
DEDUCTIONS OF REFUGE TERRACE					
1	1	0.240	1.270	1	0.305
2	1	1.000	0.240	1	0.240
3	1	0.240	1.075	1	0.258
4	1	0.590	1.100	1	0.649
5	1	0.870	0.300	1	0.261
6	1	1.270	0.300	1	0.381
7	1	0.400	0.650	1	0.260
TOTAL DEDUCTIONS (A6)					2.354
NET REFUGE AREA (A5 - A6)					51.368
NET AREA OF REFUGE FLOOR = A1 - (A2+A3+A4+A5)					754.933



PROJECT	LAND OWNER / DEVELOPER	BIP HOLDER	DESIGN CONSULTANT	SERVICES CONSULTANTS	STRUCTURAL CONSULTANTS	LICENSE DETAIL	DATE :	ARCHITECT'S SEAL & SIGNATURE	LAND OWNER'S/DEVELOPER SIGNATURE	BIP HOLDER SIGNATURE	DWG. NO.	18
PROPOSED GROUP HOUSING AT VILLAGE HARSARU, SECTOR 36A, SUB-TEHSIL HARSARU, DISTRICT GURUGRAM, HARYANA, 122001	DELTA PROPCON PVT LTD 3RD FLOOR, CENTRAL PLAZA MALL, SECTOR 53, GURUGRAM -122002	MAX ESTATES GURGAON LIMITED MAX TOWER, C-001/A-1, SECTOR-16B, NOIDA, GAUTAM BUDDHA NAGAR - 201301	RSP Design Consultants Pvt. Ltd. Unit 103, Beshesh Business Tower, Sector-48 Shrawa Road, Gurgaon-122018 Head Office: No.30, Museum Road, Bangalore - 560001 Tel: 25596889 Fax: 25595819 Email: rsp@rspindia.net, Web: www.rspindia.net	Sanelac Consultants Private Limited C-64/2, Okhla Industrial Area Phase II, New Delhi - 110 020, India (+91) (11) 26385310 / 40059959 SCPL@sanelac.com	Vinash Consultants Address: C-35, Pampoh Endave, Greater Kailash-I, New Delhi 110 048. vinash@vinashconsultants.com	LICENSE NO. 38 OF 2013 DATED 04.06.2013 GRANTED FOR 23.4188 ACRES AND LICENSE NO. 97 OF 2013 DATED 08.11.2013 GRANTED FOR 1.6875 ACRES WITH ADDITIONAL AREA MEASURING 1.05 ACRES UNDER TRANSIT ORIENT DEVELOPMENT POLICY DATED 09.02.2016 THEREBY MAKING THE TOTAL SITE AREA 26.1563 ACRES IN SECTOR - 36A, GURUGRAM METROPOLITAN COMPLEX BEING DEVELOPED BY DELTA PROPCON PVT. LTD.		Ar. VINESH K. SOYAL CA/2019/114892 H. No. 739/2, Patel Nagar, Ggm. Ph. No. 9554091685	For DELTA PROPCON PVT. LTD. Authorised Signatory		DWG. TITLE: REFUGE FLOOR PLAN & AREA DIAGRAMS (TOWER - 2 & 4) SUBMISSION DRAWING	