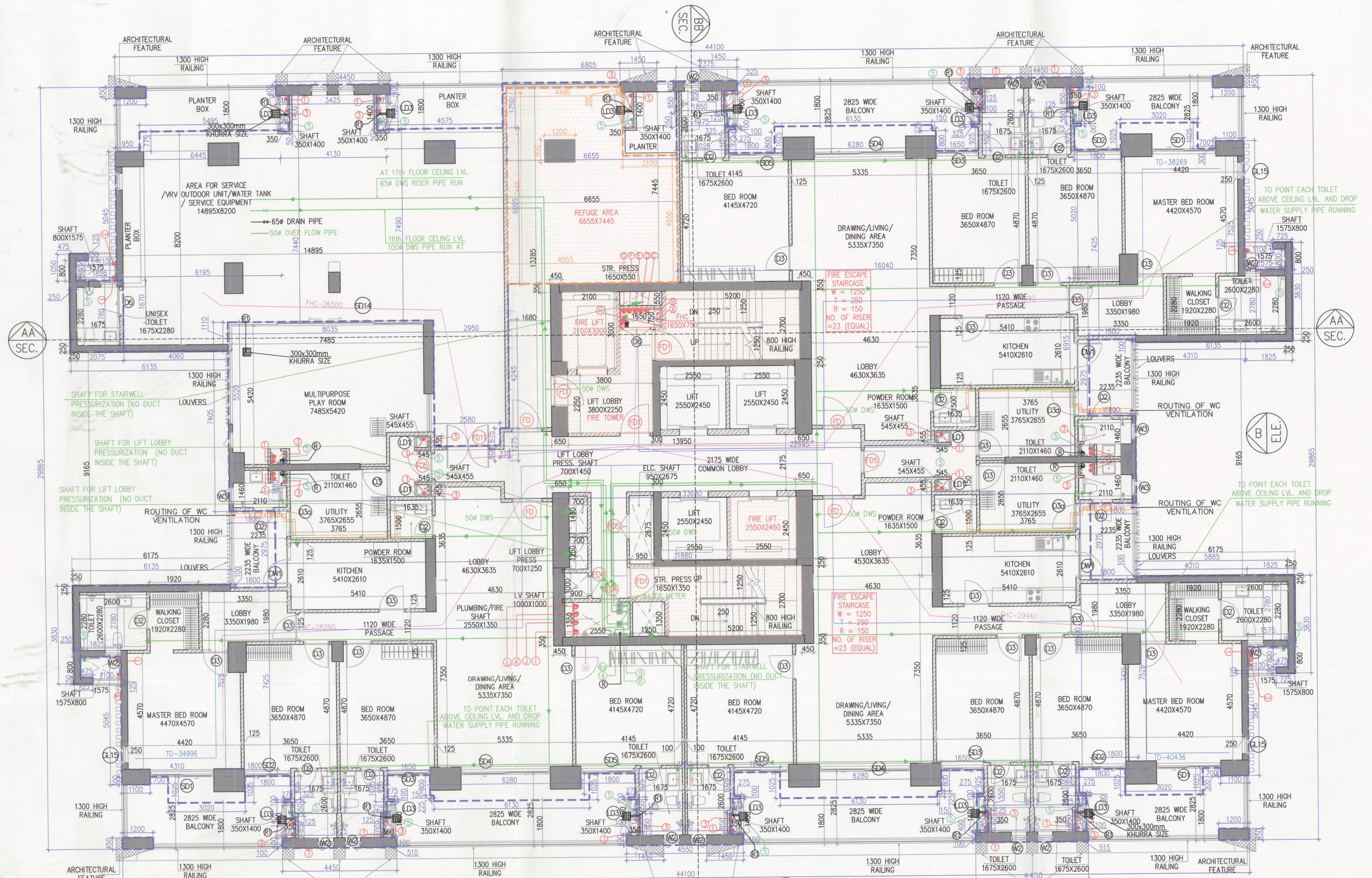
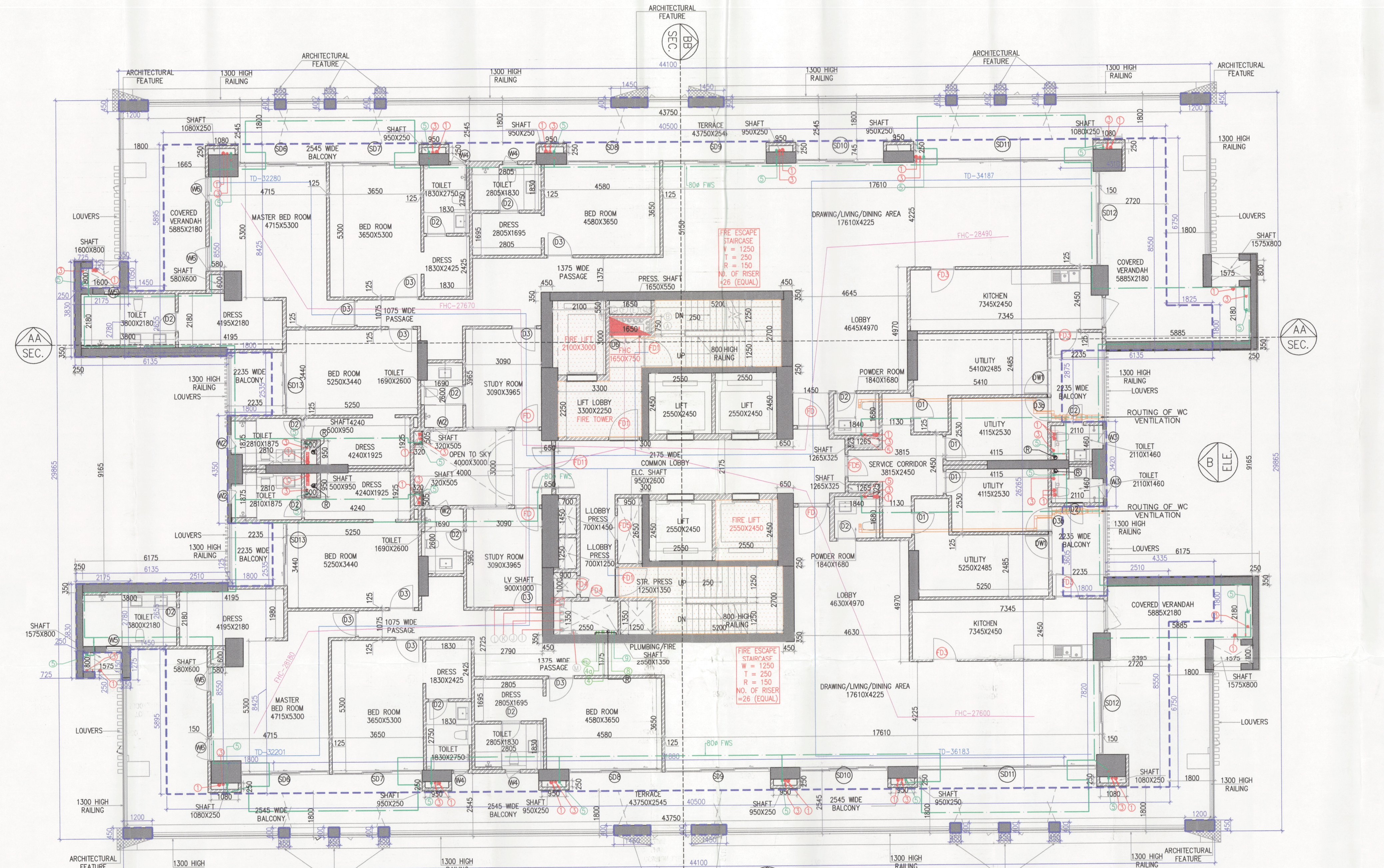


35TH REFUGE FLOOR PLAN
LVL.+122650
ON OF UNITS-03
TOWER-A&D

DOOR AND WINDOW SCHEDULE						
SR. NO.	TYPE	WIDTH (mm)	HEIGHT (mm)	SILL LVL	LINTEL LVL	TYPE
1	D1	900	2100	0	2100	UPVC
2	D2	750	2100	0	2100	UPVC
3	D3	1000	2100	0	2100	UPVC
4	D3a	1000	2100	0	2100	UPVC
5	D4	800	2100	0	2100	UPVC
6	D5	1800	2400		2400	UPVC
7	D6	1100	2350	50	2400	UPVC
8	D7	1200	2400		2400	UPVC
9	D8	2100	2400		2400	UPVC
10	D9	1980	2400		2400	UPVC
11	SD1	2500	2600	0	2600	UPVC
12	SD2	1700	2600	0	2600	UPVC
13	SD3	3100	2600	0	2600	UPVC
14	SD4	2100	2600	0	2600	UPVC
15	SD5	4200	2600	0	2600	UPVC
16	SD6	2500	2600	0	2600	UPVC
17	SD8	2450	2600	0	2600	UPVC
18	SD9	3000	2600	0	2600	UPVC
19	DW1	1500	1550	1050	2600	UPVC
20	DW2	2300	2600	0	2600	UPVC
21	DW3	3000	5000	0	5000	UPVC
22	DW4	3000	5000	0	5000	UPVC
23	DW5	4000	5000	0	5000	UPVC
24	DW6	3900	5000	0	5000	UPVC
25	W1	750	1550	1050	2600	UPVC
26	W2	600	1550	1050	2600	UPVC
27	W3	700	1550	1050	2600	UPVC
28	W4	1100	1550	1050	2600	UPVC
29	W5	1200	1550	1050	2600	UPVC
30	W6	1700	1550	1050	2600	UPVC
31	W8	3200	1200	1050	2400	UPVC
32	FD	1200	2400	0	2400	2HR FIRE RATED
33	Fda	1200	2400	0	2400	2HR FIRE RATED
34	FD1	900	2400	0	2400	2HR FIRE RATED
35	FD2	1500	2400	0	2400	2HR FIRE RATED
36	FD3	1000	2400	0	2400	2HR FIRE RATED
37	FD4	750	2350	50	2400	2HR FIRE RATED
38	FD5	1000	2350	50	2400	2HR FIRE RATED
39	FD6	1100	2350	50	2400	2HR FIRE RATED
40	FD7	2000	2700		2700	2HR FIRE RATED
41	FD8	1200	2100		2100	2HR FIRE RATED
42	FD10	2400	2400		2400	2HR FIRE RATED
43	GL	3000	5000	0	5000	UPVC
44	GL1	1600	5000	0	5000	UPVC



41ST FLOOR PLAN PENT HOUSE
ON OF UNITS-02
LVL.+143500
TOWER-A&D

Note :-

1. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT IS CODES FOR EARTH QUAKE RESISTANCE.

PROJECT

REVISED (1ST REVISION) BUILDING PLANS OF PHASE-VI (PRIVANA-WEST) FALLING UNDER RESIDENTIAL COLONY UNDER NEW INTEGRATED LICENSING POLICY(NILP) DATED 11.05.2022 ON LAND MEASURING 116.29625 ACRES (LICENCE NO. 219 OF 2023.DATED 25-10-23.) (AN AREA MEASURING 103.05625 ACRES MIGRATION FROM LICENCE NO. 27 OF 2012 DATED 02.04.2012 AND 13.24 ACRES AS FRESH AS FRESH APPLIED AREA) IN SECTOR -76 & 77, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LTD.IN COLLABORATION WITH LAND OWNERS AND IT' S ASSOCIATE COMPANIES

DESIGN ARCHITECT

ARCHITECTS:-
DESIGN FORUM
INTERNATIONAL
Address : K-47 , KAILASH COLONY , NEW DELHI -48
Phone : 011-46556600,46556601 , FAX - 46556601
Website: www.designforuminternational.com

ASSOCIATE ARCHITECTS

RSMS
ARCHITECTS
RSMS ARCHITECTS PVT. LTD.
69,Nora Niwas Bhawani Kunj
(Behind D2), Vasant Kunj,
New Delhi-110070.
Tel.: 011-26898616,26898617
www.rsms-arch.com

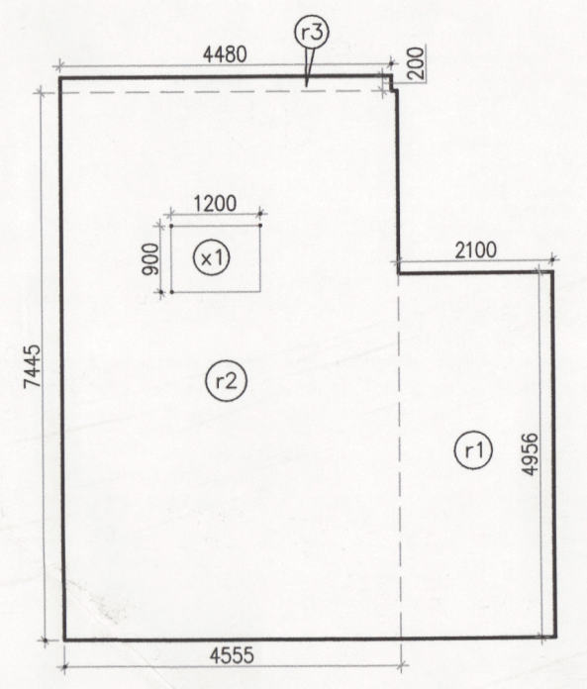
REFUGE AREA CALCULATION - 35TH. REFUGE FLOOR (TOWER-A & D)								
GROSS – A								
r1	=	1	X	2.100	X	4.956	=	10.408 SQM
r2	=	1	X	4.555	X	7.445	=	33.912 SQM
r3	=	1	X	4.480	X	0.200	=	0.896 SQM
						TOTAL	=	45.216 SQM
GROSS – B								
x1	=	1	X	1.200	X	0.900	=	1.080 SQM
						TOTAL	=	1.080 SQM

TOTAL REFUGE AREA	=	GROSS – A	-	GROSS – B
	=	45.216	-	1.080
	=	44.136	SQM	
GROSS AREA OF 35TH. FLOOR	=	790.392	SQM	
GROSS AREA OF TYPICAL 36TH FLOOR	=	1005.602	SQM	
TOTAL	=	1795.994	SQM	

TOTAL NO. OF OCCUPANTS	=	GROSS AREA	./	OCCUPANT FACTOR		
	=	1795.994	./	12.5	=	144 PERSONS
REFUGE AREA REQUIRED	=	0.3 SQM. PER PERSON	+	0.9 SQM. ADDITIONAL SPAE TO ACCOMMODATE WHEEL CHAIR		
	=	0.3	X	144	+	0.9
	=	43.200			+	0.9
	=	44.100	SQM.			
PROPOSED REFUGE AREA	=	44.136	SQM.			

LIFT CAPACITY			
SR. NO.	Shaft Size (mm)	Car Size (mm)	Capacity
1	2550x2450	2000x1550x2700	20P/ 1360Kg
2	1900x3000	1100x2300x2700	16P/ 1088Kg
3	2550x2450	1600x1900x2700	20P/ 1360Kg

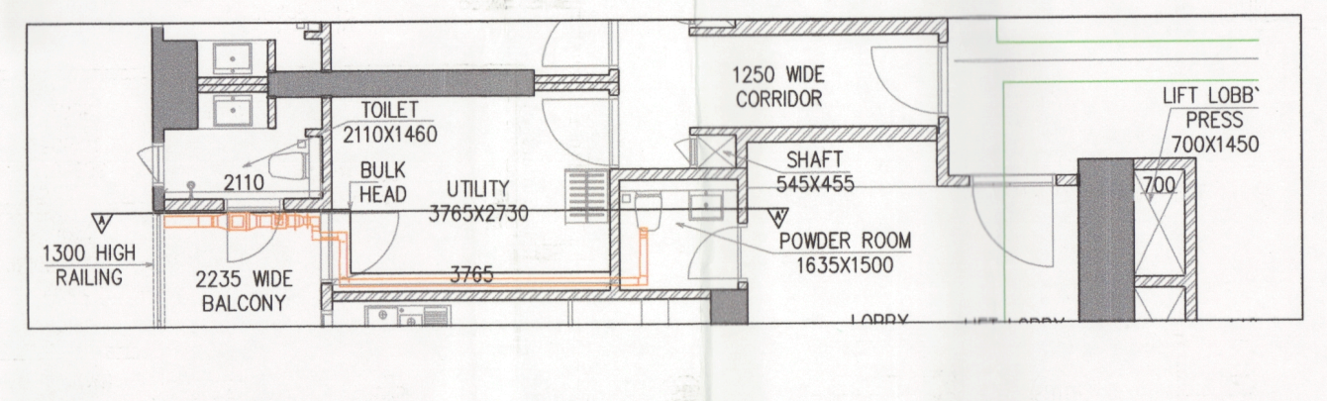
DIMENSION LEGEND:	
1525	ARCHITECTURE DIM.
1525	AREA DIM.



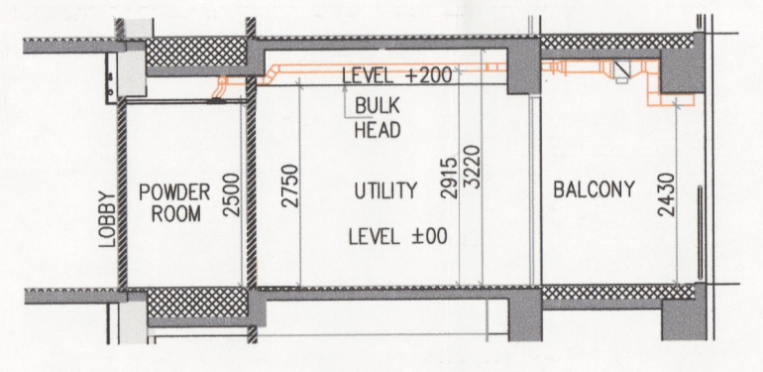
35th REFUGE FLOOR
TOWER-A & D

SHAFT PIPE DETAIL

SYMBOL	ABRRVIATION	DESCRIPTION
Ⓡ	RWP	150ø RAIN WATER PIPE
R1	RWP	75ø RAIN WATER PIPE
①	SP	150Ø SOIL & WASTE PIPE
③	V	100Ø VENT PIPE
④	DWS	DOMESTIC WATER SUPPLY DN. TAKE PIPE
4a	DWS	DOMESTIC WATER SUPPLY DN. TAKE PIPE TO TOP (TWO FLOOR)
4b	DWS	DOMESTIC WATER SUPPLY DN. TAKE PIPE TO PH. FLOOR
⑤	FWS	FLUSHING WATER SUPPLY DN. TAKE PIPE
⑧	DWS(R)	DOMESTIC WATER RISER TO OHT FILLING
⑨	FWS (R)	FLUSHING WATER SUPPLY RISER TO OHT FILLING
X		100ø M.S PARKING DRAIN PIPE
X1		150ø M.S RAMP DRAIN PIPE

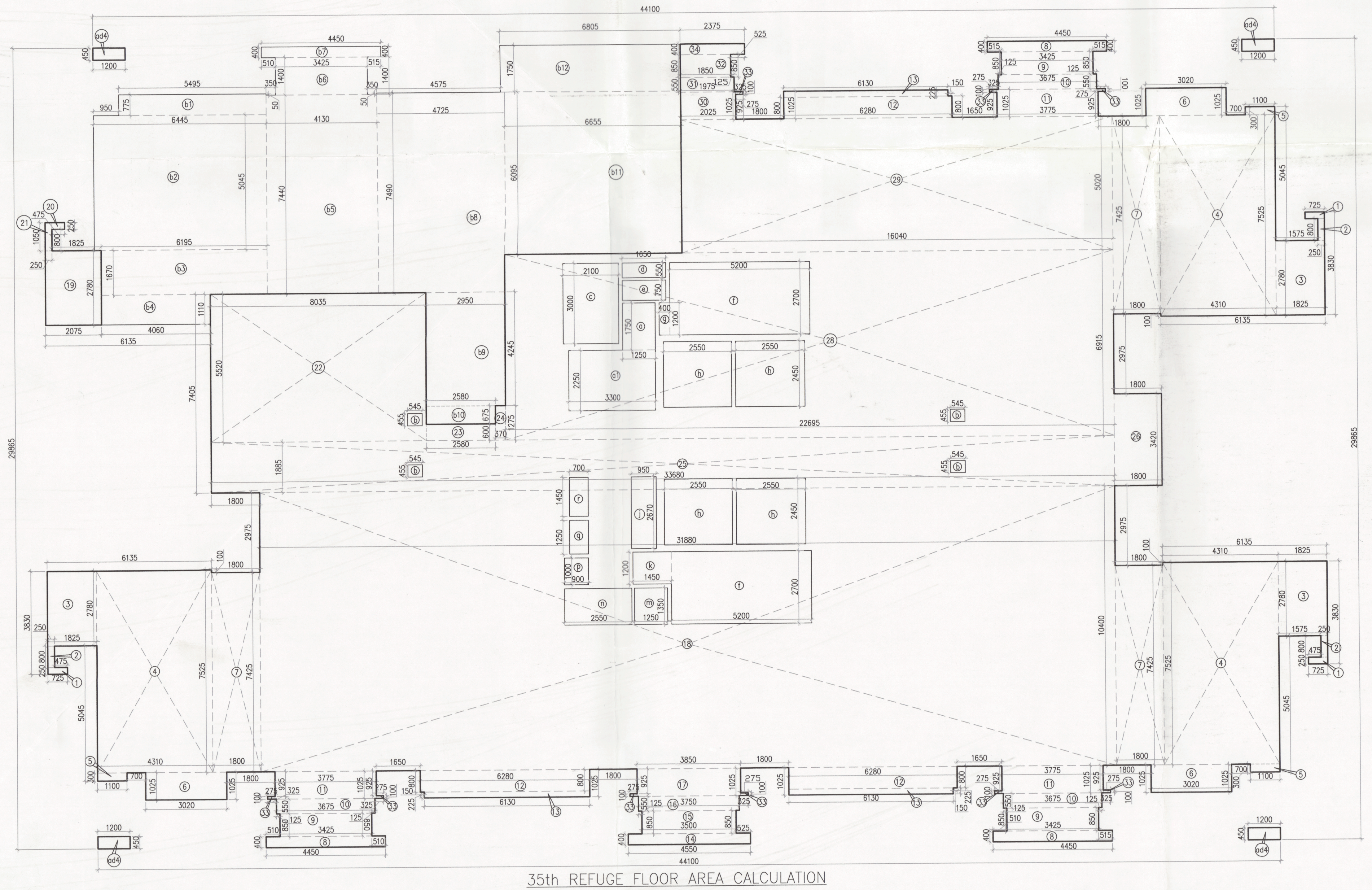


PART PLAN (POWER ROOM)



SECTION : A-A'

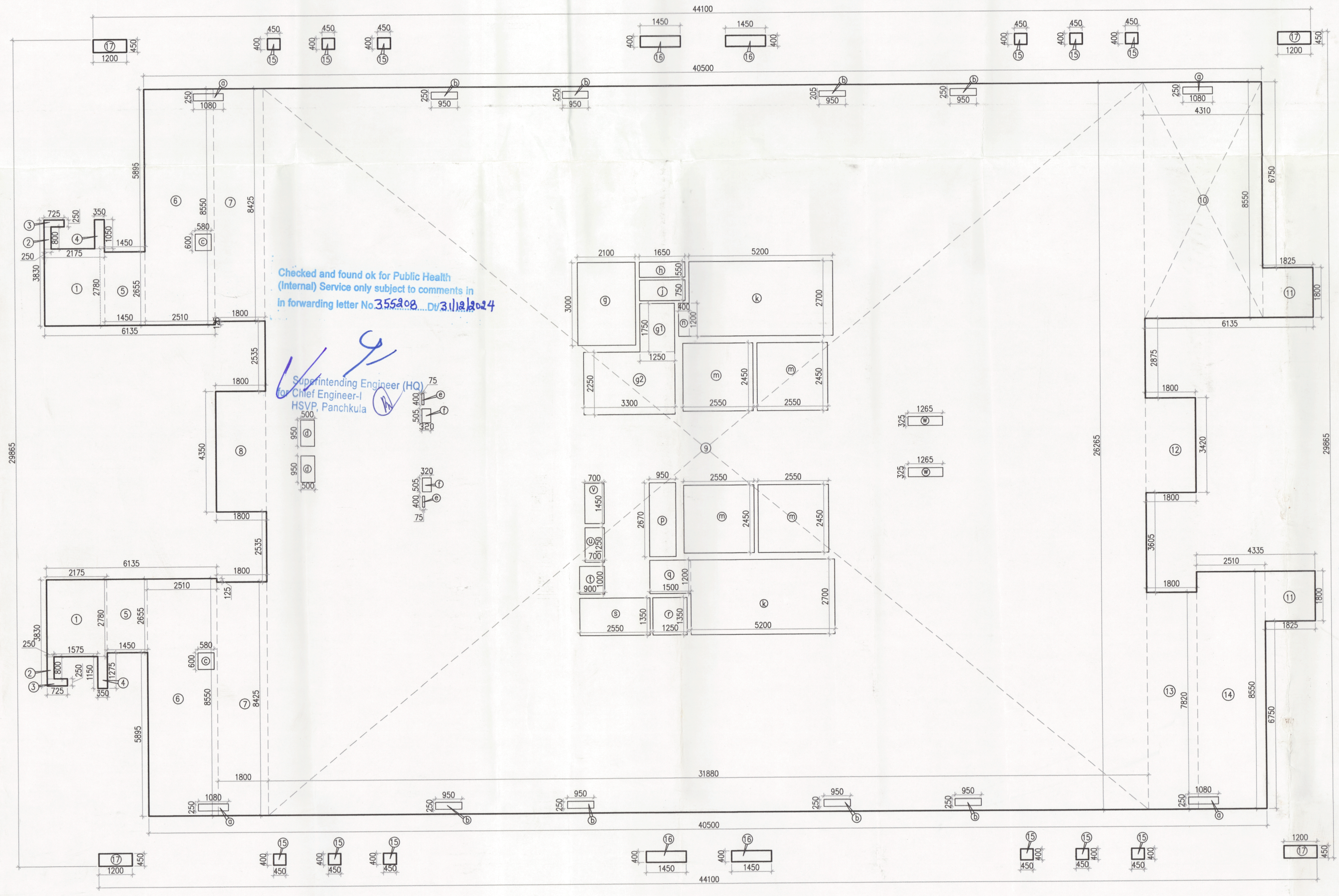
TYPICAL MECHANICAL VANTILATION CALCULATION FOR POWDER ROOM								
S. NO.	LOCATION	AREA (Sq.ft)	HEIGHT (Ft.)	VOLUME (Cu.ft)	DESIGN CFM CFM	SELECTED EXHAUST FAN	FAN SIZE DIA	EXHAUST DUCT SIZE DIAMETER (mm)
1	TYPICAL MECHANICAL VANTILATION FOR POWDER ROOM							
1.1	POWDER ROOM	26.4	9	238	47.60	1#100cfm cassette in line fan	150	110(OD)



35th REFUGE FLOOR AREA CALCULATION
TOWER-A & D

35th REFUGE FLOOR AREA CALCULATION TOWER-A & D								
GROSS – A								
1	3	X	0.725	X	0.250	=	0.544	SQM
2	3	X	0.250	X	0.800	=	0.600	SQM
3	3	X	1.825	X	2.780	=	15.221	SQM
4	3	X	4.310	X	7.525	=	97.298	SQM
5	3	X	1.100	X	0.300	=	0.990	SQM
6	3	X	3.020	X	1.025	=	9.287	SQM
7	3	X	1.800	X	7.425	=	40.095	SQM
8	3	X	4.450	X	0.400	=	5.340	SQM
9	3	X	3.425	X	0.850	=	8.734	SQM
10	3	X	3.675	X	0.550	=	6.064	SQM
11	3	X	3.775	X	1.025	=	11.608	SQM
12	3	X	6.280	X	0.800	=	15.072	SQM
13	3	X	6.130	X	0.225	=	4.138	SQM
14	1	X	4.550	X	0.400	=	1.820	SQM
15	1	X	3.500	X	0.850	=	2.975	SQM
16	1	X	3.750	X	0.550	=	2.063	SQM
17	1	X	3.850	X	1.025	=	3.946	SQM
18	1	X	31.880	X	10.400	=	331.552	SQM
19	1	X	2.075	X	2.780	=	5.769	SQM
20	1	X	0.475	X	0.250	=	0.119	SQM
21	1	X	0.250	X	1.050	=	0.263	SQM
22	1	X	8.035	X	5.520	=	44.353	SQM
23	1	X	2.580	X	0.600	=	1.548	SQM
24	1	X	0.370	X	1.275	=	0.472	SQM
25	1	X	33.680	X	1.885	=	63.487	SQM
26	1	X	1.800	X	3.420	=	6.156	SQM
28	1	X	22.695	X	6.915	=	156.936	SQM
29	1	X	16.040	X	5.020	=	80.521	SQM
30	1	X	2.025	X	1.025	=	2.076	SQM
31	1	X	1.975	X	0.550	=	1.086	SQM
32	1	X	1.850	X	0.850	=	1.573	SQM
33	9	X	0.275	X	0.100	=	0.248	SQM
34	1	X	2.375	X	0.400	=	0.950	SQM
ad4	4	X	1.200	X	0.450	=	2.160	SQM
					TOTAL	=	925.059	SQM
GROSS – B								
a	1	X	1.250	X	1.750	=	2.188	SQM
a1	1	X	3.300	X	2.250	=	7.425	SQM
b	4	X	0.545	X	0.455	=	0.992	SQM
c	1	X	2.100	X	3.000	=	6.300	SQM
d	1	X	1.650	X	0.550	=	0.908	SQM
e	1	X	1.650	X	0.750	=	1.238	SQM
f	2	X	5.200	X	2.700	=	28.080	SQM
g	1	X	0.400	X	1.200	=	0.480	SQM
h	4	X	2.550	X	2.450	=	24.990	SQM
j	1	X	0.950	X	2.670	=	2.537	SQM
k	1	X	1.450	X	1.200	=	1.740	SQM
m	1	X	1.250	X	1.350	=	1.688	SQM
n	1	X	2.550	X	1.350	=	3.443	SQM
p	1	X	1.000	X	0.900	=	0.900	SQM
q	1	X	0.700	X	1.250	=	0.875	SQM
r	1	X	0.700	X	1.450	=	1.015	SQM
					TOTAL	=	84.796	SQM
TOTAL FAR AREA OF 35th (REFUGE) FLOOR TOWER-A & D				=	GROSS - A	-	GROSS – B	
				=	925.059	-	84.796	
				=	840.263	SQM		
GROSS – C	BUILTUP AREA							
b1	1	X	5.495	X	0.775	=	4.259	SQM
b2	1	X	6.445	X	5.045	=	32.515	SQM
b3	1	X	6.195	X	1.670	=	10.346	SQM
b4	1	X	4.060	X	1.110	=	4.507	SQM
b5	1	X	4.130	X	7.440	=	30.727	SQM
b6	1	X	3.425	X	1.400	=	4.795	SQM
b7	1	X	4.450	X	0.400	=	1.780	SQM
b8	1	X	4.725	X	7.490	=	35.390	SQM
b9	1	X	2.950	X	4.245	=	12.523	SQM
b10	1	X	2.580	X	0.675	=	1.742	SQM
b11	1	X	6.655	X	6.095	=	40.562	SQM
b12	1	X	6.805	X	1.750	=	11.909	SQM
f	2	X	5.200	X	2.700	=	28.080	SQM
g	1	X	0.400	X	1.200	=	0.480	SQM
k	1	X	1.450	X	1.200	=	1.740	SQM
					TOTAL	=	221.354	SQM
TOTAL BUILTUP AREA OF 35th (REFUGE) FLOOR TOWER-A & D				=	FAR AREA	+	GROSS – C	
				=	840.263	+	221.354	
				=	1061.617	SQM		
TOTAL NON FAR AREA OF 35th (REFUGE) FLOOR TOWER-A & D		=			BUILTUP AREA	-	FAR AREA	
		=			1061.617	-	840.263	
		=			221.354	SQM		

41ST (PENT HOUSE) FLOOR AREA CALCULATION TOWER-A & D								
GROSS – A								
1	2	X	2.175	X	2.780	=	12.093	SQM
2	2	X	0.250	X	0.800	=	0.400	SQM
3	2	X	0.725	X	0.250	=	0.363	SQM
4	1	X	0.350	X	1.050	=	0.368	SQM
4a	1	X	0.350	X	1.150	=	0.403	SQM
5	2	X	1.450	X	2.655	=	7.700	SQM
6	2	X	2.510	X	8.550	=	42.921	SQM
7	2	X	1.800	X	8.425	=	30.330	SQM
8	1	X	1.800	X	4.350	=	7.830	SQM
9	1	X	31.880	X	26.265	=	837.328	SQM
10	1	X	4.310	X	8.550	=	36.851	SQM
11	2	X	1.825	X	1.800	=	6.570	SQM
12	1	X	1.800	X	3.420	=	6.156	SQM
13	1	X	1.800	X	7.820	=	14.076	SQM
14	1	X	2.510	X	8.550	=	21.461	SQM
15	12	X	0.450	X	0.400	=	2.160	SQM
16	4	X	1.450	X	0.400	=	2.320	SQM
17	4	X	1.200	X	0.450	=	2.160	SQM
					TOTAL	=	1031.487	SQM
GROSS – B								
a	4	X	1.080	X	0.250	=	1.080	SQM
b	8	X	0.950	X	0.250	=	1.900	SQM
c	2	X	0.580	X	0.600	=	0.696	SQM
d	2	X	0.500	X	0.950	=	0.950	SQM
e	2	X	0.075	X	0.400	=	0.060	SQM
f	2	X	0.320	X	0.505	=	0.323	SQM
g	1	X	2.100	X	3.000	=	6.300	SQM
g1	1	X	1.250	X	1.750	=	2.188	SQM
g2	1	X	3.300	X	2.250	=	7.425	SQM
h	1	X	1.650	X	0.550	=	0.908	SQM
j	1	X	1.650	X	0.750	=	1.238	SQM
k	2	X	5.200	X	2.700	=	28.080	SQM
m	4	X	2.550	X	2.450	=	24.990	SQM
n	1	X	0.400	X	1.200	=	0.480	SQM
p	1	X	0.950	X	2.670	=	2.537	SQM
q	1	X	1.500	X	1.200	=	1.800	SQM
r	1	X	1.250	X	1.350	=	1.688	SQM
s	1	X	2.550	X	1.350	=	3.443	SQM
t	1	X	0.900	X	1.000	=	0.900	SQM
u	1	X	0.700	X	1.250	=	0.875	SQM
v	1	X	0.700	X	1.450	=	1.015	SQM
w	2	X	1.265	X	0.325	=	0.822	SQM
					TOTAL	=	89.695	SQM
TOTAL FAR AREA OF 41st (PENT HOUSE) FLOOR AREA CALCULATION				=	GROSS - A	-	GROSS – B	
				=	1031.487	-	89.695	
				=	941.792	SQM		
GROSS – C	BUILTUP AREA							
K	2	X	5.200	X	2.700	=	28.080	SQM
n	1	X	0.400	X	1.200	=	0.480	SQM
q	1	X	1.500	X	1.200	=	1.800	SQM
					TOTAL	=	30.360	SQM
TOTAL BUILTUP AREA OF 41st (PENT HOUSE) FLOOR AREA CALCULATION				=	FAR AREA	+	GROSS – C	
				=	941.792	+	30.360	
				=	972.152	SQM		
TOTAL NON FAR AREA OF OF 41th (PENT HOUSE) FLOOR			=		BUILTUP AREA	-	FAR AREA	
			=		972.152	-	941.792	
			=		30.360	SQM		



Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 355208 Dt/ 31/12/2024
Superintending Engineer (HQ)
for Chief Engineer-I
HSVP, Panchkula

41st(PENT HOUSE) FLOOR
AREA CALCULATION
TOWER-A & D

This is a "PROVISIONAL BUILDING PLAN" approved only for the purpose of inviting Objections from the general public

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

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

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

DTP(HQ)

ATP(HQ)

JD.

P.A.

A.T.P.

DINESH KUMAR
PA(HQ)

JDT(HQ)
Member
BPAC

TO BE READ WITH THIS OFFICE
MEMO NO.: 43791
DATED : 18/11/2025

ARCHITECT'S SEAL & SIGNATURE	OWNER'S SEAL & SIGNATURE
CHANCHAL JAIN (REGISTERED ARCHITECT) CA/2005/36771	DLF Limited Akanksha Authorised Signatory Akanksha

JAN.–2025	Scale : 1:100	NORTH
Drawing Title:– 35TH REFUGE FLOOR PLAN , 41ST FLOOR PENT HOUSE PLAN & AREA CALCULATION (TOWER-A&D)		Drawing No:– TA-06
		03012025