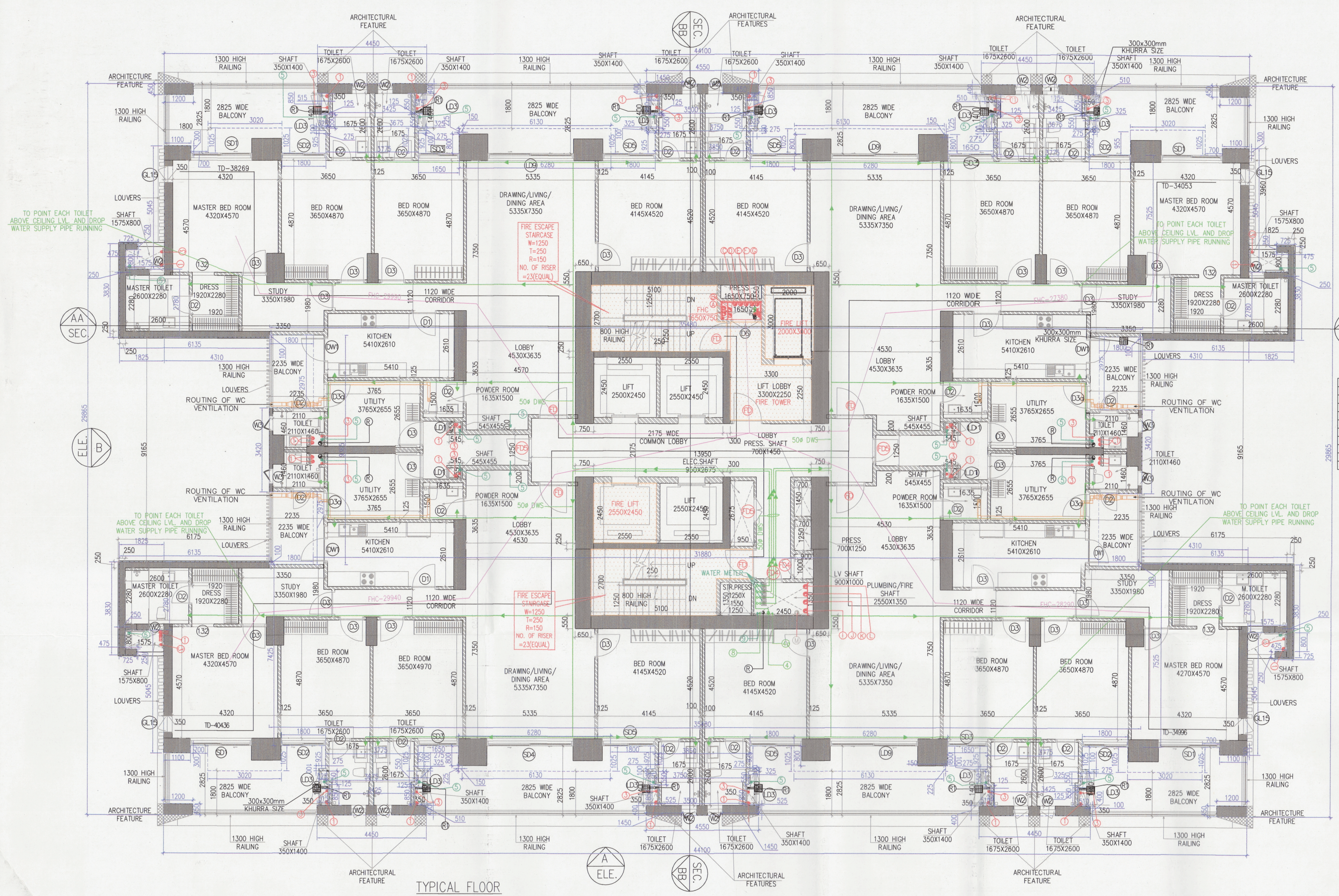

ARCHITECTURE FEATURE
1300 HIGH RAILING
2825 WIDE BALCONY
MASTER BED ROOM 4320X4570
MASTER TOILET 2600X2280
DRESS 1920X2280
STUDY 3350X1980
BED ROOM 3650X4870
TOILET 1675X2600
SHAFT 350X1400
DRAWING/LIVING/DINING AREA 5335X7350
BED ROOM 4145X4520
KITCHEN 5410X2610
UTILITY 3765X2655
TOILET 2110X1460
2235 WIDE BALCONY
1120 WIDE CORRIDOR
POWDER ROOM 1635X1500
SHAFT 545X455
LOBBY 4530X3635
LIFT 2550X2450
LIFT 2500X2450
FIRE LIFT 2550X2450
LIFT LOBBY 3300X2250
FIRE TOWER
2175 WIDE COMMON LOBBY
ELEC.SHAFT 950X2675
LOBBY PRESS. SHAFT 700X1450
PLUMBING/FIRE SHAFT 2550X1350
LV SHAFT 900X1000
PRESS 700X1250
STR.PRESS 1250X1350
FIRE ESCAPE STAIRCASE W=1250 T=250 R=150 NO. OF RISER =23(EQUAL)
ROUTING OF WC VENTILATION
LOUVERS
SHAFT 1575X800
300x300mm KHURRA SIZE
TO POINT EACH TOILET ABOVE CEILING LVL. AND DROP WATER SUPPLY PIPE RUNNING
ARCHITECTURAL FEATURE
AA SEC.
BB SEC.
A ELE.
B ELE.
29865
44100

TYPICAL FLOOR
(11TH TO 16TH & 18TH TO 20TH)
TOWER-C

FLOORS		UNITS
11TH FLOOR	+41050	4
12TH FLOOR	+44450	4
13TH FLOOR	+47850	4
14TH FLOOR	+51250	4
15TH FLOOR	+54650	4
16TH FLOOR	+58050	4
18TH FLOOR	+64850	4
19TH FLOOR	+68250	4
20TH FLOOR	+71650	4
	TOTAL UNITS =	36

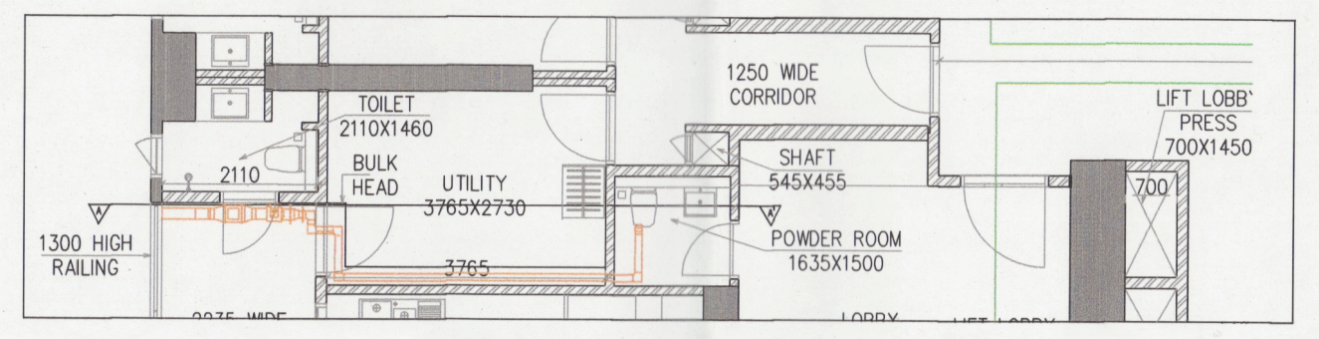
SHAFT PIPE DETAIL

SYMBOL	ABRRVIATION	DESCRIPTION
(R)	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

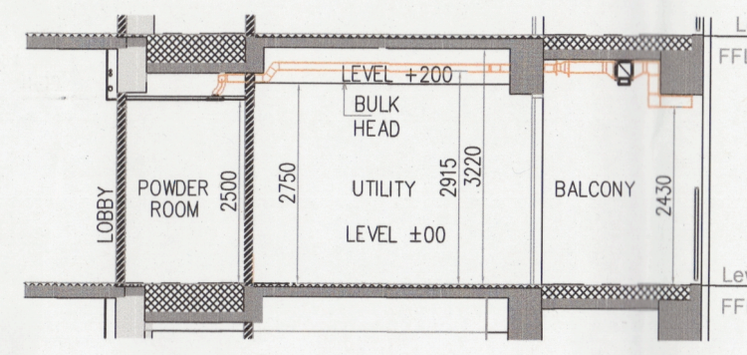
DIMENSION LEGEND:

1525	ARCHITECTURE DIM.
1525	AREA DIM.

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

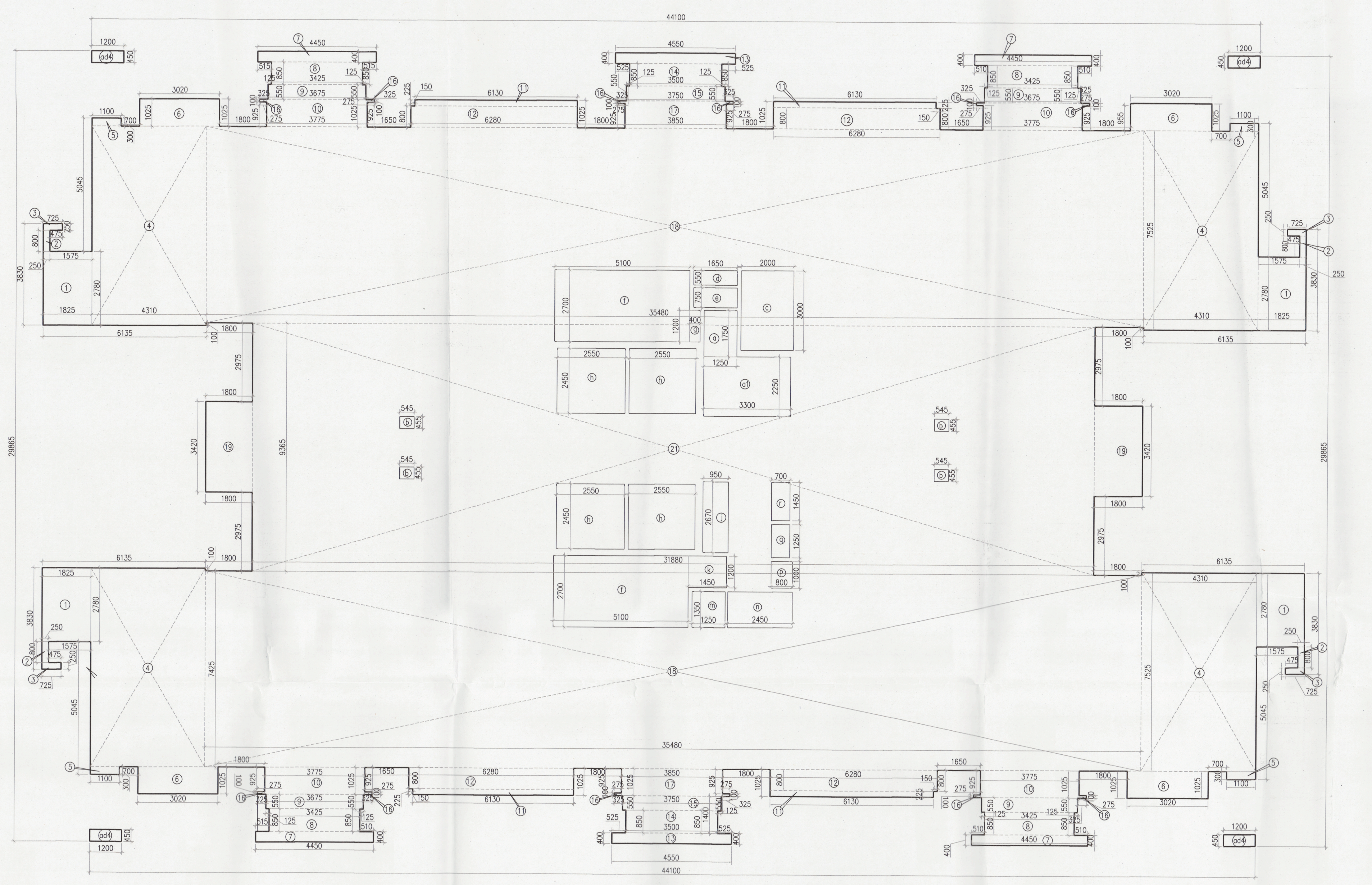

1300 HIGH RAILING
TOILET 2110X1460
BULK HEAD
UTILITY 3765X2730
1250 WIDE CORRIDOR
SHAFT 545X455
POWDER ROOM 1635X1500
LIFT LOBBY PRESS 700X1450

PART PLAN (POWER ROOM)

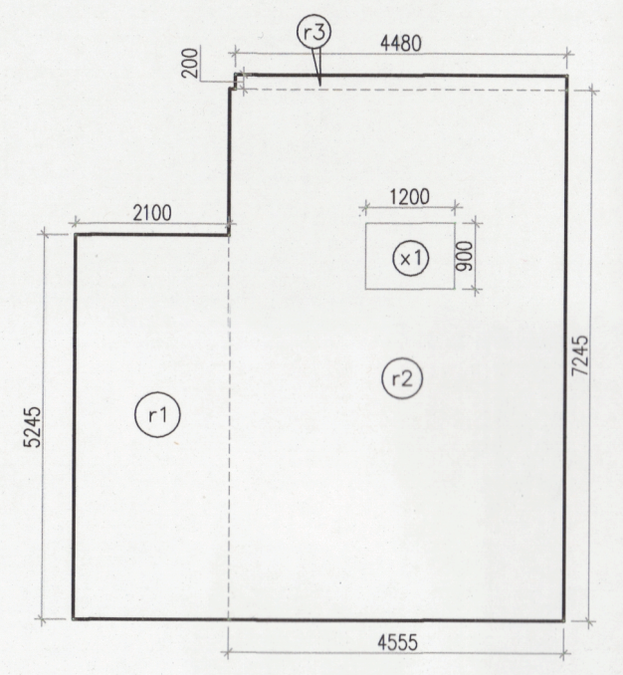

LOBBY
POWDER ROOM
LEVEL +200
BULK HEAD
UTILITY
LEVEL ±00
BALCONY
Level 4 FFL +17.2500
Level 3 FFL +13.8500

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)


29865
44100
35480
31880
9365
7525
7425
6135
4310
5045
2780
3830
3420
1800
2975
6130
6280
4550
4450

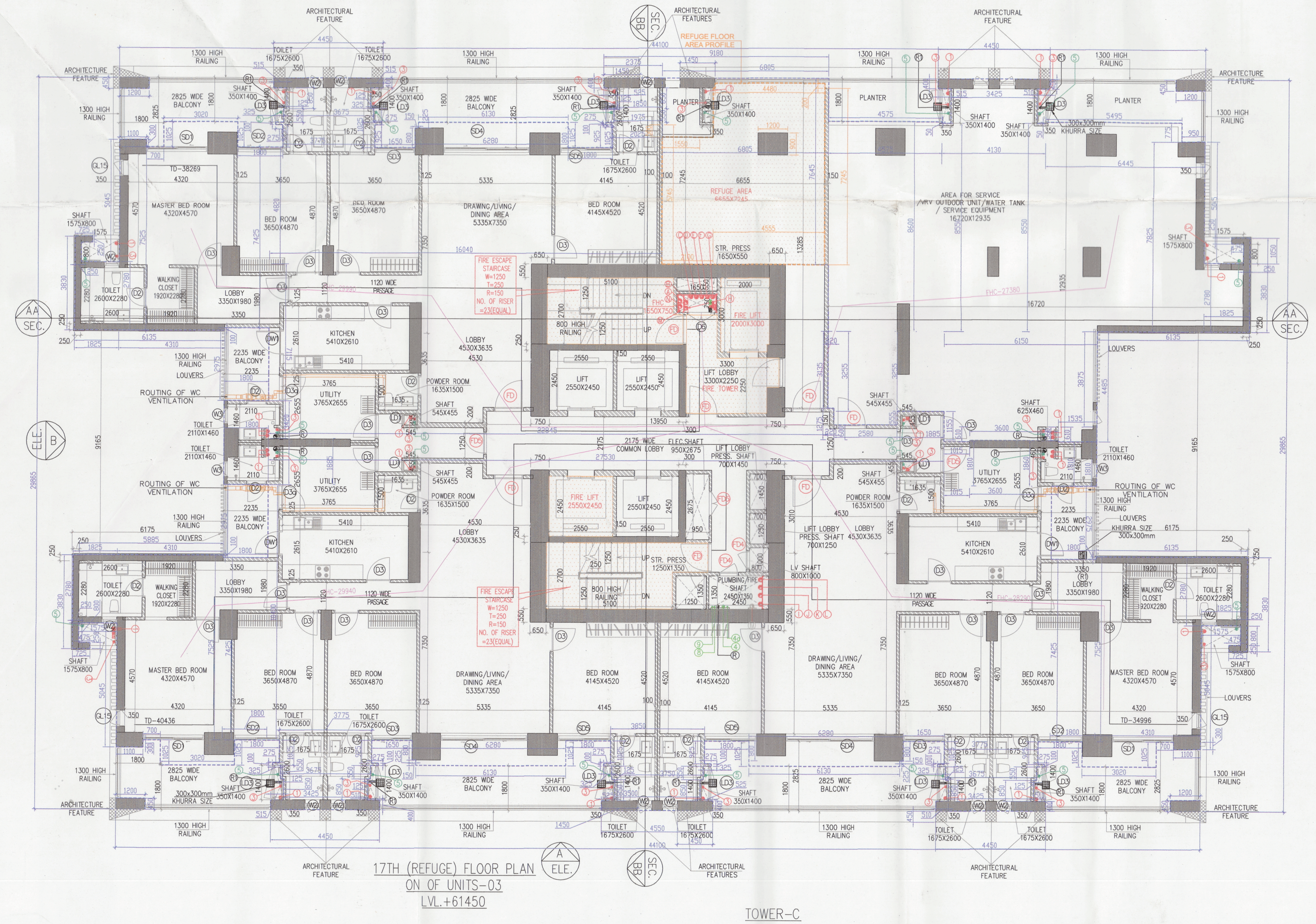
TYPICAL FLOOR AREA CALCULATION
(11TH TO 16TH & 18TH TO 20TH) FLOOR
TOWER-C


r1
r2
r3
x1
4480
7245
5245
2100
4555
1200
900

17th REFUGE FLOOR

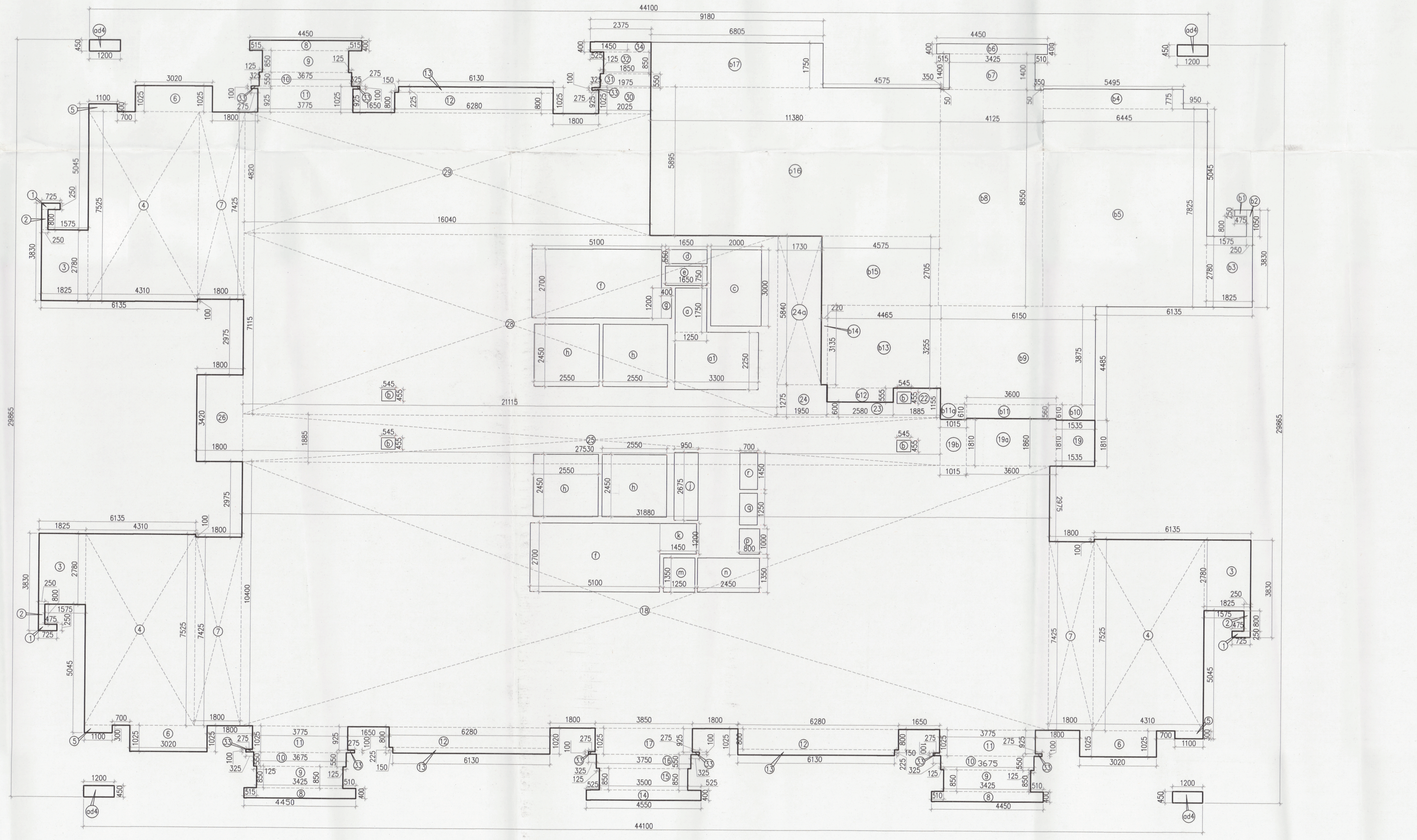
REFUGE AREA CALCULATION - 17TH. REFUGE FLOOR									
GROSS – A									
r1	=	1	X	2.100	X	5.245	=	11.015	SQM
r2	=	1	X	4.555	X	7.245	=	33.001	SQM
r3	=	1	X	4.480	X	0.200	=	0.896	SQM
						TOTAL	=	44.911	SQM
GROSS – B									
x1	=	1	X	1.200	X	0.900	=	1.080	SQM
						TOTAL	=	1.080	SQM
TOTAL REFUGE AREA	=	GROSS – A	-	GROSS – B					
	=	44.911	-	1.080					
	=	43.831	SQM						
GROSS AREA OF 17TH. FLOOR	=	789.135	SQM						
GROSS AREA OF TYPICAL 18TH FLOOR	=	1004.179	SQM						
TOTAL	=	1793.314	SQM						

TOTAL NO. OF OCCUPANTS	=	GROSS AREA	./	OCCUPANT FACTOR			
	=	1793.314	./	12.5	=	143	PERSONS
REFUGE AREA REQUIRED	=	0.3 SQM. PER PERSON	+	0.9 SQM. ADDITIONAL SPAE TO ACCOMMODATE WHEEL CHAIR			
	=	0.3	X	143	+	0.9	
	=	42.900			+	0.9	
	=	43.800	SQM.				
PROPOSED REFUGE AREA	=	43.831	SQM.				


ARCHITECTURE FEATURE
1300 HIGH RAILING
PLANTER
SHAFT 1575X800
SHAFT 350X1400
300x300mm KHURRA SIZE
AREA FOR SERVICE OUTDOOR UNIT/WATER TANK / SERVICE EQUIPMENT 16720X12935
REFUGE AREA 6655X7245
REFUGE FLOOR AREA PROFILE
STR. PRESS 1650X550
FIRE LIFT 2000X3000
LIFT LOBBY 3300X2250
FIRE TOWER
LIFT 2550X2450
FIRE LIFT 2550X2450
2175 WIDE COMMON LOBBY
ELEC.SHAFT 950X2675
LIFT LOBBY PRESS. SHAFT 700X1450
LV SHAFT 800X1000
PLUMBING/FIRE SHAFT 2450X1350
STR. PRESS 1250X1350
FIRE ESCAPE STAIRCASE W=1250 T=250 R=150 NO. OF RISER =23(EQUAL)
LOBBY 4530X3635
POWDER ROOM 1635X1500
SHAFT 545X455
SHAFT 625X460
KITCHEN 5410X2610
UTILITY 3765X2655
TOILET 2110X1460
2235 WIDE BALCONY
LOBBY 3350X1980
1120 WIDE PASSAGE
BED ROOM 3650X4870
BED ROOM 4145X4520
DRAWING/LIVING/DINING AREA 5335X7350
2825 WIDE BALCONY
MASTER BED ROOM 4320X4570
WALKING CLOSET 1920X2280
TOILET 2600X2280
TOILET 1675X2600
ROUTING OF WC VENTILATION
LOUVERS
ARCHITECTURAL FEATURE
AA SEC.
BB SEC.
A ELE.
B ELE.
29865
44100

17TH (REFUGE) FLOOR PLAN
ON OF UNITS-03
LVL.+61450

TOWER-C


29865
44100
21115
16040
11380
10400
9180
8550
7825
7425
7525
6135
6150
6445
5495
4465
4485
4575
3875
3255
2705
1810
1535

17th REFUGE FLOOR AREA CALCULATION
TOWER-C

AREA CALCULATION OF TYPICAL (11TH TO 16TH & 18TH TO 2OTH) FLOOR (TOWER-C)								
GROSS – A								
1	4	X	1.825	X	2.780	=	20.294	SQM
2	4	X	0.250	X	0.800	=	0.800	SQM
3	4	X	0.725	X	0.250	=	0.725	SQM
4	4	X	4.310	X	7.525	=	129.731	SQM
5	4	X	1.100	X	0.300	=	1.320	SQM
6	4	X	3.020	X	1.025	=	12.382	SQM
7	4	X	4.450	X	0.400	=	7.120	SQM
8	4	X	3.425	X	0.850	=	11.645	SQM
9	4	X	3.675	X	0.550	=	8.085	SQM
10	4	X	3.775	X	1.025	=	15.478	SQM
11	4	X	6.130	X	0.225	=	5.517	SQM
12	4	X	6.280	X	0.800	=	20.096	SQM
13	2	X	4.550	X	0.400	=	3.640	SQM
14	2	X	3.500	X	0.850	=	5.950	SQM
15	2	X	3.750	X	0.550	=	4.125	SQM
16	12	X	0.275	X	0.100	=	0.330	SQM
17	2	X	3.850	X	1.025	=	7.893	SQM
18	2	X	35.480	X	7.425	=	526.878	SQM
19	2	X	1.800	X	3.420	=	12.312	SQM
20	1	X	31.880	X	9.365	=	298.556	SQM
ad4	4	X	1.200	X	0.450	=	2.160	SQM
					TOTAL	=	1095.036	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	2.000	X	3.000	=	6.000	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	5.100	X	2.700	=	27.540	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	2.450	X	1.350	=	3.308	SQM
p	1	X	0.800	X	1.000	=	0.800	SQM
q	1	X	0.700	X	1.250	=	0.875	SQM
r	1	X	0.700	X	1.450	=	1.015	SQM
					TOTAL	=	83.721	SQM
TOTAL FAR AREA OF TYPICAL (11TH TO 16TH & 18TH TO 2OTH) FLOOR TOWER-C				=	GROSS - A	-	GROSS – B	
				=	1095.036	-	83.721	
				=	1011.315	SQM		
BUILTUP AREA								
GROSS – C								
f	2	X	5.100	X	2.700	=	27.540	SQM
g	1	X	0.400	X	1.200	=	0.480	SQM
k	1	X	1.450	X	1.200	=	1.740	SQM
					TOTAL	=	29.760	SQM
TOTAL BUILTUP AREA OF TYPICAL (11TH TO 16TH & 18TH TO 2OTH) FLOOR (TOWER-C)				=	FAR AREA	+	GROSS – C	
				=	1011.315	+	29.760	
				=	1041.075	SQM		
TOTAL NON FAR AREA OF TYPICAL(11TH TO 16TH & 18TH TO 2OTH)FLOOR (TOWER-C)			=	BUILTUP AREA	-	FAR AREA		
			=	1041.075	-	1011.315		
			=	29.760	SQM			

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

17th REFUGE FLOOR AREA CALCULATION (TOWER-C)								
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	1.535	X	1.810	=	2.778	SQM
19a	1	X	3.600	X	1.860	=	6.696	SQM
19b	1	X	1.015	X	1.810	=	1.837	SQM
22	1	X	1.885	X	1.155	=	2.177	SQM
23	1	X	2.580	X	0.600	=	1.548	SQM
24	1	X	1.950	X	1.275	=	2.486	SQM
24a	1	X	1.730	X	5.840	=	10.103	SQM
25	1	X	27.530	X	1.885	=	51.894	SQM
26	1	X	1.800	X	3.420	=	6.156	SQM
28	1	X	21.115	X	7.115	=	150.233	SQM
29	1	X	16.040	X	4.820	=	77.313	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	=	878.659	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	2.000	X	3.000	=	6.000	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	5.100	X	2.700	=	27.540	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	2.675	=	2.541	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	2.450	X	1.350	=	3.308	SQM
p	1	X	0.800	X	1.000	=	0.800	SQM
q	1	X	0.700	X	1.250	=	0.875	SQM
r	1	X	0.700	X	1.450	=	1.015	SQM
					TOTAL	=	83.726	SQM
TOTAL FAR AREA OF 17th (REFUGE) FLOOR (TOWER- C)				=	GROSS - A	-	GROSS – B	
				=	878.659	-	83.726	
				=	794.934	SQM		
GROSS – C	BUILTUP AREA							
b1	1	X	0.475	X	0.250	=	0.119	SQM
b2	1	X	0.250	X	1.050	=	0.263	SQM
b3	1	X	1.825	X	2.780	=	5.074	SQM
b4	1	X	5.495	X	0.775	=	4.259	SQM
b5	1	X	6.445	X	7.825	=	50.432	SQM
b6	1	X	4.450	X	0.400	=	1.780	SQM
b7	1	X	3.425	X	1.400	=	4.795	SQM
b8	1	X	4.130	X	8.550	=	35.312	SQM
b9	1	X	6.150	X	3.875	=	23.831	SQM
b10	1	X	1.535	X	0.610	=	0.936	SQM
b11	1	X	3.600	X	0.560	=	2.016	SQM
b11a	1	X	1.015	X	0.610	=	0.619	SQM
b12	1	X	2.580	X	0.555	=	1.432	SQM
b13	1	X	4.465	X	3.255	=	14.534	SQM
b14	1	X	0.220	X	3.135	=	0.690	SQM
b15	1	X	4.575	X	2.705	=	12.375	SQM
b16	1	X	11.380	X	5.895	=	67.085	SQM
b17	1	X	6.805	X	1.750	=	11.909	SQM
f	2	X	5.100	X	2.700	=	27.540	SQM
g	1	X	0.400	X	1.200	=	0.480	SQM
k	1	X	1.450	X	1.200	=	1.740	SQM
					TOTAL	=	267.219	SQM
TOTAL BUILTUP AREA OF 17th (REFUGE) FLOOR (TOWER- C)				=	FAR AREA	+	GROSS – C	
				=	794.934	+	267.219	
				=	1062.153	SQM		
TOTAL NON FAR AREA OF 17th (REFUGE) FLOOR (TOWER- C)			=	BUILTUP AREA	-	FAR AREA		
			=	1062.153	-	794.934		
			=	267.219	SQM			

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

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

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)

JD.

P.A.

ATP(HQ)

A.T.P.

DINESH KUMAR
PA(HQ)

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 355208....Dt/ 31/12/2024

JD (HQ)
Member
BPAC

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

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

JAN.–2025	Scale : 1:100	NORTH
Drawing Title:– TYPICAL (11TH TO 16TH & 18TH TO 20TH) FLOOR PLAN 17TH REFUGE FLOOR PLAN & AREA CALCULATION (TOWER-C)		Drawing No:– TC-03
		03012025