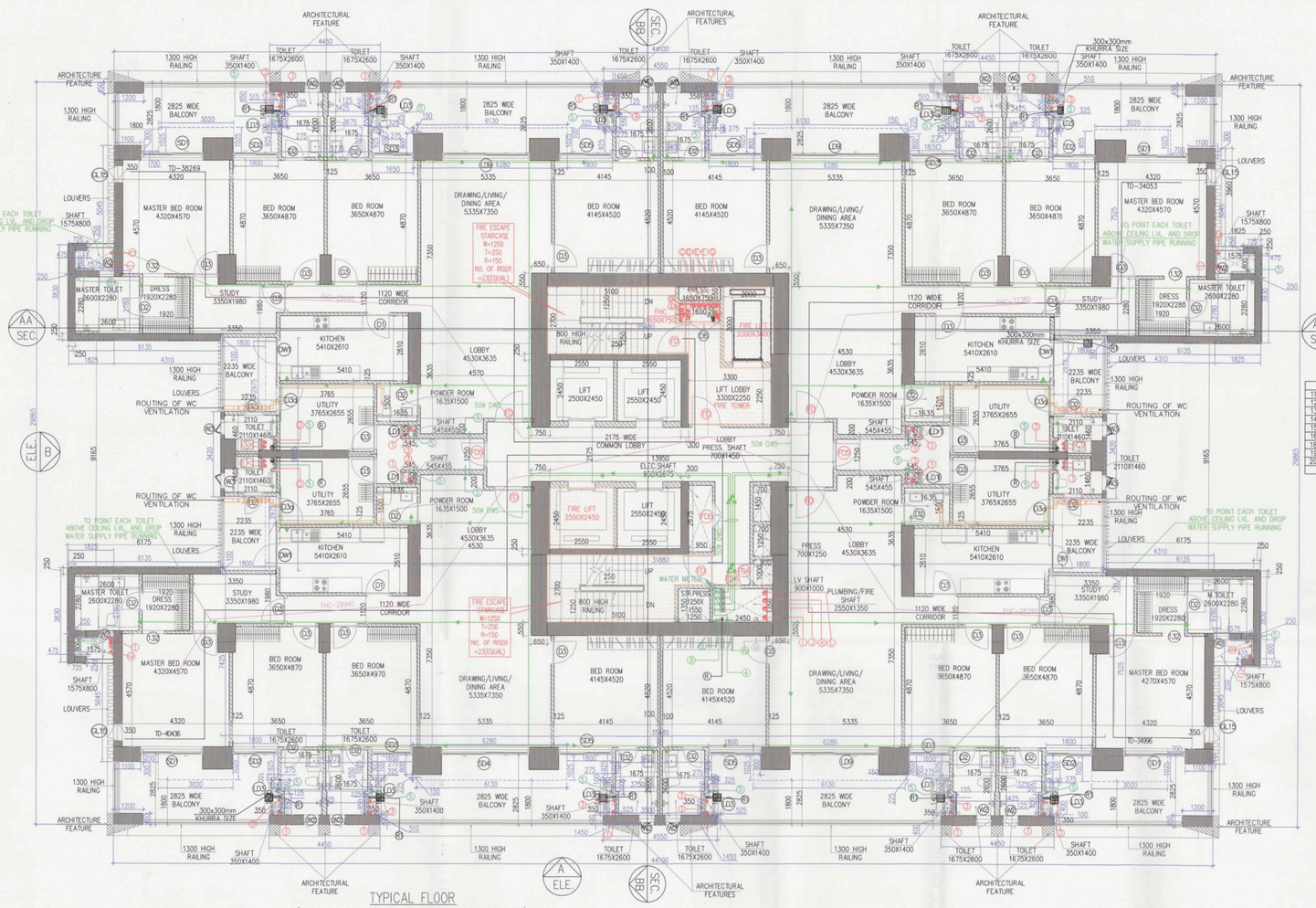
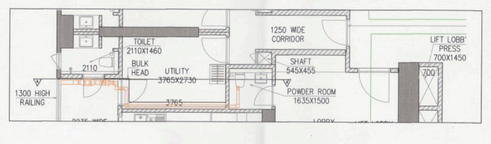
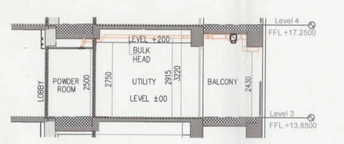


TYPICAL FLOOR
(11TH TO 16TH & 18TH TO 20TH)
TOWER-C

FLOOR	AREA	UNITS
11TH FLOOR	1411SQ	4
12TH FLOOR	1446SQ	4
13TH FLOOR	1478SQ	4
14TH FLOOR	1512SQ	4
15TH FLOOR	1546SQ	4
16TH FLOOR	1580SQ	4
18TH FLOOR	1583SQ	4
20TH FLOOR	1787SQ	4
TOTAL UNITS = 36		

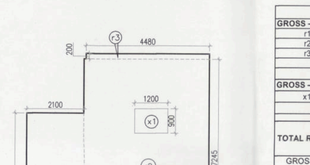


PART PLAN (POWER ROOM)



SECTION : A-A

TYPICAL MECHANICAL VANTILATION CALCULATION FOR POWDER ROOM								
S. NO.	LOCATION	AREA (Sq.ft)	HEIGHT (Ft.)	VOLUME (Cu.ft)	DESIGN CFM	SELECTED EXHAUST FAN	FAN SIZE	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)

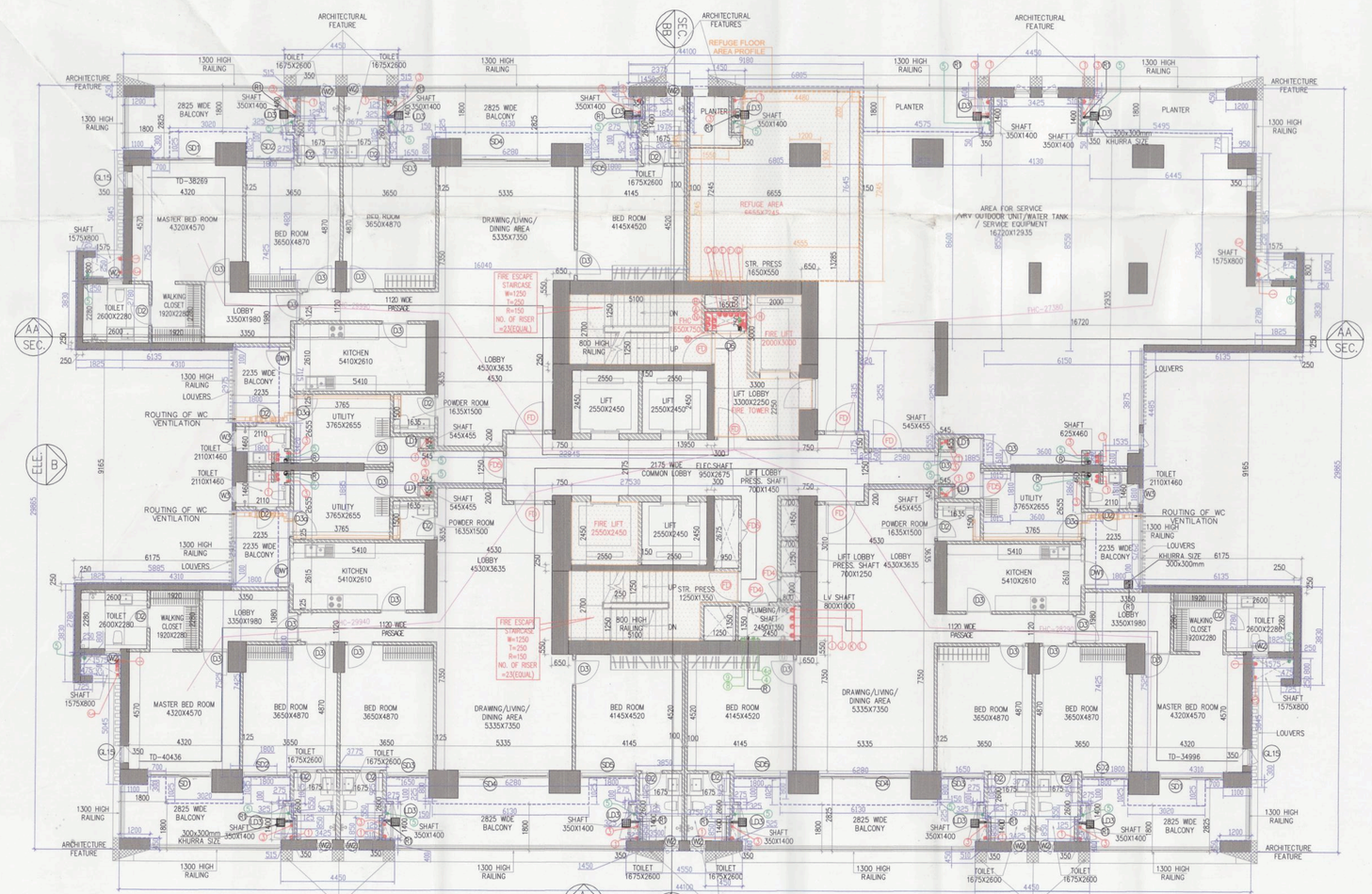


17th REFUGE FLOOR

REFUGE AREA CALCULATION - 17TH. REFUGE FLOOR								
GROSS – A								
r1	=	1	X	2.100	X	0.245	=	11.515 SQM
r2	=	1	X	4.410	X	0.245	=	33.001 SQM
r3	=	1	X	4.480	X	0.245	=	0.000 SQM
						TOTAL	=	44.911 SQM
GROSS – B								
r1	=	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	=	789.138	SQM					
GROSS AREA OF TYPICAL 16TH FLOOR	=	1004.179	SQM					
TOTAL	=	1793.314	SQM					
TOTAL NO. OF OCCUPANTS	=	GROSS AREA	/	OCCUPANT FACTOR				
	=	1793.314	/	10.9.1 = 1.143 PERSONS				
REFUGE AREA REQUIRED	=	0.3 SQM. PER PERSONS	*	0.9 SQM. ADDITIONAL SPAZ TO ACCOMODATE WHEEL CHAIR				
	=	1.143	X	0.3				
	=	41.900	*	0.9				
	=	43.800	SQM.					
PROPOSED REFUGE AREA	=	43.831	SQM.					

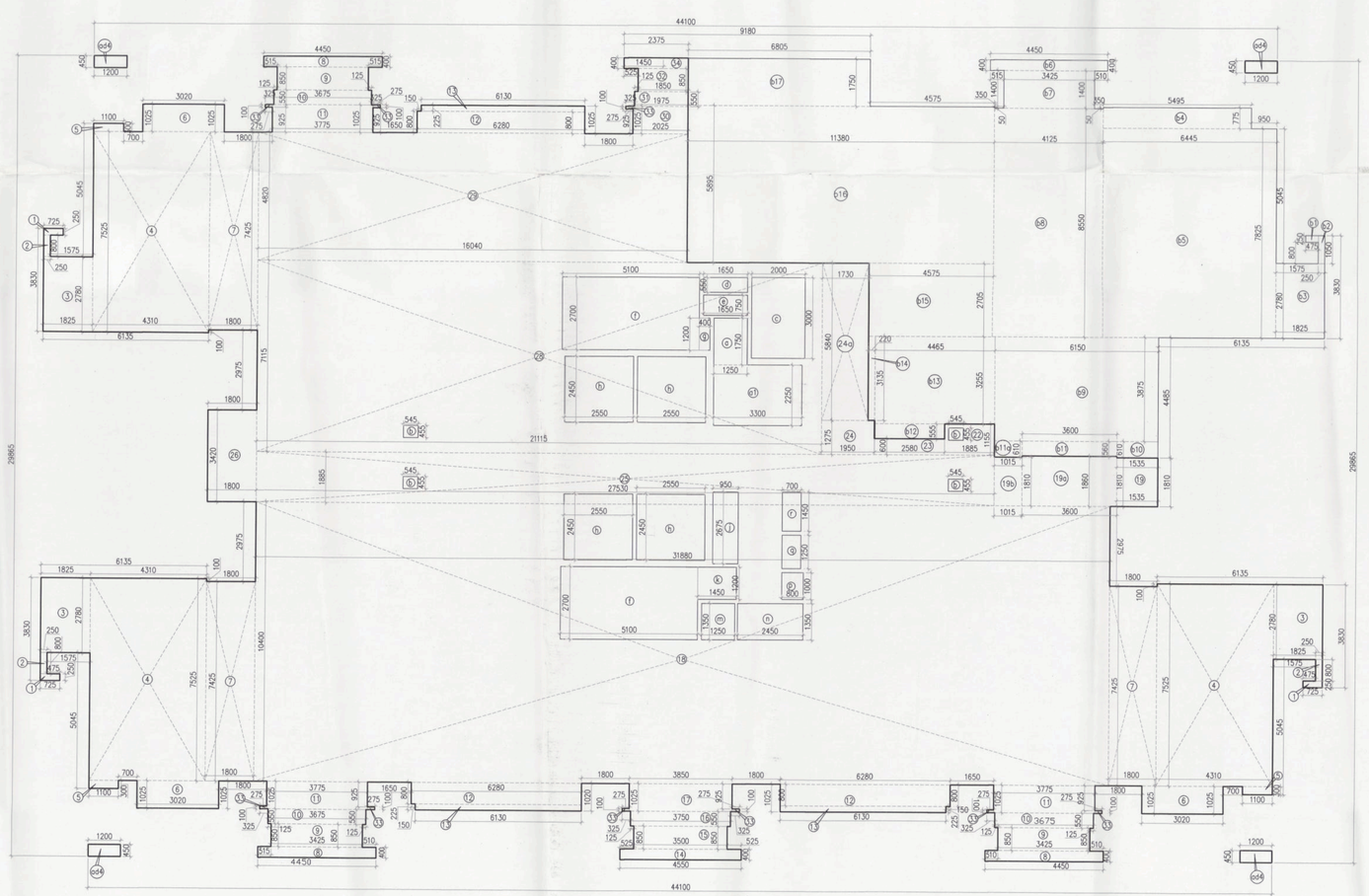
AREA CALCULATION OF TYPICAL (11TH TO 16TH & 18TH TO 20TH) FLOOR (TOWER-C)								
GROSS – A								
1	4	X	1.625	X	2.760	=	20.294	SQM
2	4	X	0.700	X	0.350	=	1.001	SQM
3	4	X	0.772	X	0.350	=	1.080	SQM
4	4	X	4.310	X	7.520	=	124.731	SQM
5	4	X	3.000	X	0.500	=	1.500	SQM
6	4	X	3.000	X	1.020	=	13.362	SQM
7	4	X	1.625	X	0.450	=	2.925	SQM
8	4	X	1.625	X	0.450	=	2.925	SQM
9	4	X	1.875	X	0.930	=	11.625	SQM
10	4	X	1.775	X	1.025	=	13.418	SQM
11	4	X	6.120	X	0.220	=	2.517	SQM
12	4	X	1.500	X	0.220	=	0.726	SQM
13	4	X	1.500	X	0.450	=	3.960	SQM
14	2	X	1.500	X	0.930	=	2.790	SQM
15	2	X	1.750	X	0.930	=	4.125	SQM
16	13	X	0.275	X	0.100	=	0.330	SQM
17	13	X	0.275	X	0.100	=	0.330	SQM
18	2	X	9.400	X	7.275	=	136.815	SQM
19	2	X	1.800	X	3.420	=	12.312	SQM
20	2	X	11.880	X	9.365	=	222.556	SQM
ADD	4	X	1.200	X	0.450	=	2.160	SQM
					TOTAL	=	1066.696	SQM
GROSS – B								
1	1	X	1.250	X	1.750	=	2.188	SQM
2	1	X	1.300	X	2.200	=	2.420	SQM
3	4	X	0.545	X	0.400	=	0.992	SQM
4	1	X	1.600	X	0.400	=	0.640	SQM
5	1	X	1.600	X	0.700	=	1.008	SQM
6	1	X	1.600	X	0.750	=	1.200	SQM
7	1	X	1.100	X	2.700	=	2.640	SQM
8	1	X	0.400	X	1.200	=	0.480	SQM
9	1	X	0.400	X	1.200	=	0.480	SQM
A	1	X	1.600	X	0.400	=	0.640	SQM
A	1	X	1.450	X	1.200	=	1.740	SQM
A	1	X	1.250	X	1.350	=	1.688	SQM
A	1	X	2.450	X	1.350	=	3.308	SQM
B	1	X	1.600	X	0.700	=	1.120	SQM
B	1	X	1.600	X	1.200	=	1.920	SQM
B	1	X	0.700	X	1.450	=	1.015	SQM
					TOTAL	=	83.731	SQM
TOTAL FAR AREA OF TYPICAL (11TH TO 16TH & 18TH TO 20TH) FLOOR TOWER-C			=	GROSS – A	-	GROSS – B		
			=	1066.696	-	83.731		
			=	1811.318	SQM			
BUILTUP AREA								
GROSS – C								
a	1	X	8.100	X	2.700	=	27.540	SQM
b	1	X	0.400	X	1.200	=	0.480	SQM
c	1	X	0.400	X	1.200	=	0.480	SQM
					TOTAL	=	28.780	SQM
TOTAL BUILTUP AREA OF TYPICAL (11TH TO 16TH & 18TH TO 20TH) FLOOR (TOWER-C)			=	FAR AREA	-	GROSS – C		
			=	1011.316	=	28.780		
			=	1041.076	SQM			
TOTAL NON FAR AREA OF TYPICAL(11TH TO 16TH & 18TH TO 20TH) FLOOR (TOWER-C)	=	BUILTUP AREA	-	FAR AREA				
	=	1041.076	-	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	D1a	1000	2100	0	2100	UPVC
5	D4	800	2100	0	2100	UPVC
6	D5	1800	2400	0	2400	UPVC
7	f6	1100	2100	0	2100	UPVC
8	D7	1200	2400	0	2400	UPVC
9	D8	1200	2400	0	2400	UPVC
10	D9	1500	2400	0	2400	UPVC
11	W1	2100	2600	0	2600	UPVC
12	W2	1700	2600	0	2600	UPVC
13	W3	3100	2600	0	2600	UPVC
14	W4	2100	2600	0	2600	UPVC
15	W5	4200	2600	0	2600	UPVC
16	W6	2100	2600	0	2600	UPVC
17	W8	3400	2600	0	2600	UPVC
18	W9	3000	2600	0	2600	UPVC
19	DW1	1500	3150	3050	2600	UPVC
20	DW2	2300	2600	0	2600	UPVC
21	DW3	5000	5000	0	5000	UPVC
22	DW4	5000	5000	0	5000	UPVC
23	DW5	4000	5000	0	5000	UPVC
24	DW6	3900	5000	0	5000	UPVC
25	W1	750	1150	1050	2600	UPVC
26	W2	600	1150	1050	2600	UPVC
27	W3	700	1150	1050	2600	UPVC
28	W4	1100	1150	1050	2600	UPVC
29	W5	1200	1150	1050	2600	UPVC
30	W6	1700	1150	1050	2600	UPVC
31	W8	3200	1150	1050	2600	UPVC
32	FD	1200	2400	0	2400	(SAB FIRE RATED)
33	FD	1000	2400	0	2400	(SAB FIRE RATED)
34	FD1	900	2400	0	2400	(SAB FIRE RATED)
35	FD2	1000	2400	0	2400	(SAB FIRE RATED)
36	FD3	1000	2400	0	2400	(SAB FIRE RATED)
37	FD4	750	2350	50	2400	(SAB FIRE RATED)
38	FD5	1000	2350	50	2400	(SAB FIRE RATED)
39	FD6	1100	2350	50	2400	(SAB FIRE RATED)
40	FD7	2000	2700		2700	(SAB FIRE RATED)
41	FD8	1200	2100		2100	(SAB FIRE RATED)
42	FD10	2400	2400		2400	(SAB FIRE RATED)
43	GL	3000	5000	0	5000	UPVC
44	GL1	1600	5000	0	5000	UPVC



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

TOWER-C



17th REFUGE FLOOR AREA CALCULATION
TOWER-C

17th REFUGE FLOOR AREA CALCULATION (TOWER-C)								
GROSS – A								
a	3	X	0.738	X	0.350	=	0.544	SQM
2	3	X	0.350	X	0.800	=	0.840	SQM
3	3	X	1.625	X	2.760	=	13.221	SQM
4	3	X	4.310	X	7.520	=	97.298	SQM
5	3	X	1.100	X	0.300	=	0.990	SQM
6	3	X	3.000	X	1.020	=	9.180	SQM
7	3	X	1.400	X	0.450	=	1.890	SQM
8	3	X	4.400	X	0.400	=	5.280	SQM
9	3	X	1.875	X	0.930	=	5.231	SQM
10	3	X	3.875	X	0.680	=	7.904	SQM
11	3	X	6.120	X	0.220	=	4.039	SQM
12	3	X	6.120	X	0.900	=	16.972	SQM
13	3	X	6.120	X	0.225	=	4.128	SQM
14	1	X	3.400	X	0.400	=	1.360	SQM
15	1	X	3.550	X	0.850	=	2.973	SQM
16	1	X	3.400	X	0.850	=	2.890	SQM
17	1	X	3.400	X	0.930	=	3.162	SQM
18	1	X	51.850	X	10.400	=	317.102	SQM
19	1	X	3.400	X	1.810	=	2.778	SQM
19a	1	X	3.825	X	1.880	=	6.896	SQM
20	1	X	3.400	X	1.880	=	6.392	SQM
21	1	X	3.400	X	0.850	=	2.937	SQM
22	1	X	3.550	X	0.850	=	3.146	SQM
24	1	X	1.275	X	1.200	=	2.490	SQM
24a	1	X	1.730	X	5.540	=	10.103	SQM
25	1	X	11.880	X	9.365	=	111.804	SQM
26	1	X	21.118	X	9.715	=	16.033	SQM
27	1	X	21.118	X	9.715	=	16.033	SQM
28	1	X	16.640	X	4.500	=	77.513	SQM
30	1	X	3.025	X	1.025	=	3.078	SQM
31	1	X	3.875	X	1.025	=	3.586	SQM
32	1	X	3.875	X	0.850	=	3.573	SQM
33	1	X	3.875	X	0.850	=	3.573	SQM
34	1	X	3.400	X	0.850	=	2.890	SQM
a04	4	X	1.200	X	0.450	=	2.160	SQM
					TOTAL	=	878.689	SQM
GROSS – B								
a	1	X	1.250	X	1.750	=	2.188	SQM
a1	1	X	2.200	X	3.380	=	7.428	SQM
b	4	X	0.545	X	0.488	=	0.992	SQM
c	1	X	1.600	X	0.400	=	0.640	SQM
d	1	X	1.600	X	0.550	=	0.908	SQM
e	1	X	1.600	X	0.700	=	1.120	SQM
f	1	X	1.100	X	2.700	=	27.540	SQM
g	1	X	0.400	X	1.200	=	0.480	SQM
h	1	X	8.100	X	2.700	=	24.390	SQM
i	1	X	1.950	X	2.670	=	2.541	SQM
j	1	X	1.950	X	2.670	=	2.541	SQM
m	1	X	1.600	X	0.400	=	1.088	SQM
n	1	X	2.450	X	1.550	=	3.508	SQM
o	1	X	1.600	X	1.200	=	0.975	SQM
q	1	X	0.700	X	1.200	=	0.975	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		
			=	878.689	SQM			
			=	794.934	SQM			
GROSS – C			BUILTUP AREA					
b2	1	X	0.475	X	0.250	=	0.119	SQM
b3	1	X	0.250	X	1.090	=	0.273	SQM
b4	1	X	0.475	X	0.575	=	0.273	SQM
b5	1	X	0.400	X	0.575	=	4.259	SQM
b6	1	X	0.400	X	0.400	=	0.160	SQM
b7	1	X	3.825	X	1.400	=	4.196	SQM
b8	1	X	4.130	X	8.500	=	35.312	SQM
b9	1	X	6.150	X	3.675	=	23.831	SQM
b10	1	X	1.915	X	0.675	=	0.938	SQM
b11	1	X	1.915	X	0.675	=	0.938	SQM
b11a	1	X	1.915	X	0.675	=	0.938	SQM
b12	1	X	2.980	X	0.564	=	1.432	SQM
b13	1	X	4.468	X	3.205	=	14.534	SQM
b14	1	X	4.468	X	3.135	=	6.600	SQM
b15	1	X	4.875	X	2.525	=	12.379	SQM
b16	1	X	4.875	X	2.525	=	12.379	SQM
b17	1	X	2.980	X	1.755	=	11.060	SQM
r	1	X	6.100	X	2.700	=	37.540	SQM
z	1	X	1.400	X	0.400	=	0.560	SQM
s	1	X	1.450	X	1.200	=	1.740	SQM
					TOTAL	=	267.279	SQM
TOTAL BUILTUP AREA OF 17th (REFUGE) FLOOR (TOWER-C)			=	FAR AREA	-	GROSS – C		
			=	794.934	-	267.279		
			=	1062.193	SQM			
TOTAL NON FAR AREA OF 17th (REFUGE) FLOOR (TOWER-C)	=	BUILTUP AREA	-	FAR AREA				
	=	1062.193	-	794.934				
	=	267.278	SQM					

TO BE READ WITH THIS OFFICE MEMO No. 43791 DATED 19/11/2025

Note :-

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

PROJECT

REVISED (1ST REVISION) BUILDING PLANS OF PHASE-VII (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

STP.(HQ) Member Secretary B.P.A.C. | STP.(S) B.P.A.C. | STP.(W&E) Chairman B.P.A.C.

DTP(HQ) | ATP(HQ)

Checked and found ok for Public Health (balance/ revised only subject to comments in brief) vide letter No. 35526 dt. 31/12/2024

Executive Engineer (HQ)

ARCHITECT'S SEAL & SIGNATURE

CHANCHAL JAIN (REGISTERED ARCHITECT) CA/2005/36771

OWNER'S SEAL & SIGNATURE

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

SHAFT PIPE SCHEDULE		
SYMBOL	ABBREVIATION	DESCRIPTION
(R)	RWP	100M RAIN WATER PIPE
(R)	RWP	75M RAIN WATER PIPE
(T)	SP	100Ø SOIL & WASTE PIPE
(V)	VP	100Ø VENT PIPE
(H)	DWC	DOMESTIC WATER SUPPLY ON TANK PIPE
(H)	DWC	DOMESTIC WATER SUPPLY ON TANK PIPE TO TOP (TWO FLOOR)
(H)	DWC	DOMESTIC WATER SUPPLY ON TANK PIPE TO 9th FLOOR
(H)	FWS	FLUSHING WATER SUPPLY ON TANK PIPE
(H)	DWS(R)	DOMESTIC WATER RISER TO GHT FILLING
(H)	FWS (R)	FLUSHING WATER SUPPLY RISER TO GHT FILLING
X		100M M.S PARKING DRAIN PIPE
X1		150M 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	2500x2400	2000x1650x2700	20P/ 1360Kg
2	1900x3000	1100x2300x2700	16P/ 1088Kg
3	2650x2400	1600x1650x2700	20P/ 1360Kg