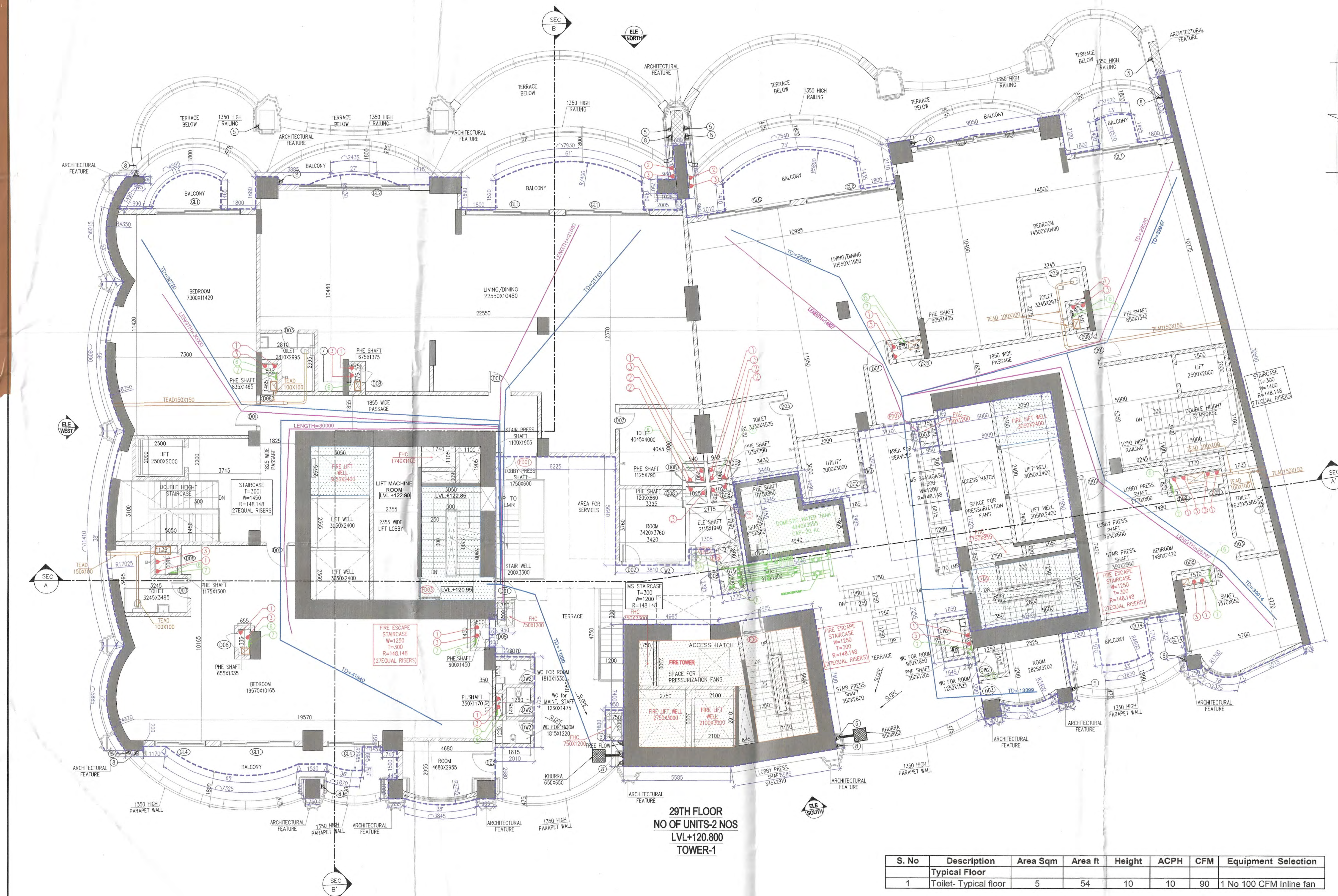
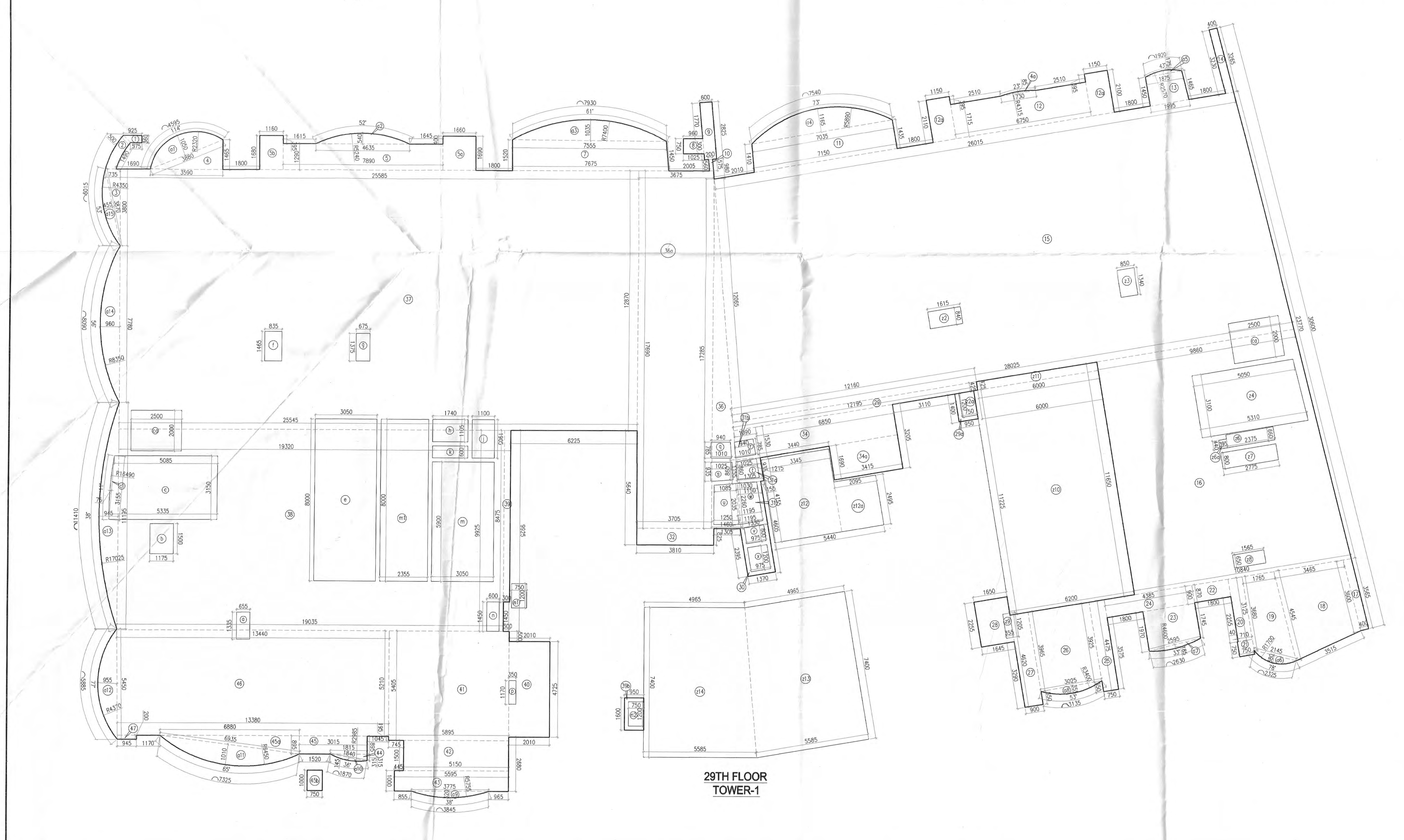
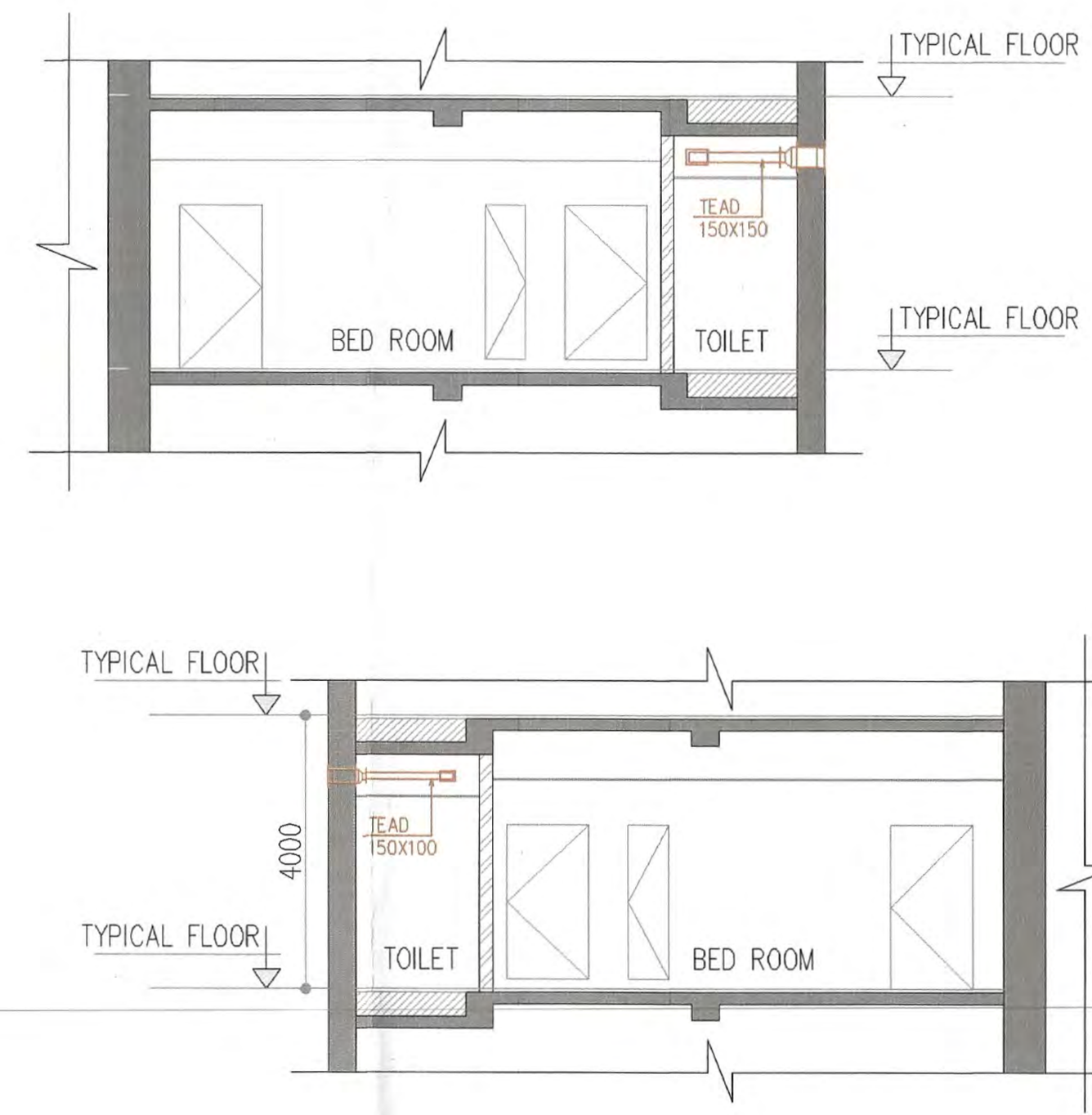


S. No	Description	Area Sqm	Area ft	Height	ACPH	CFM	Equipment Selection
	Typical Floor						
1	Toilet- Typical floor	5	54	10	10	90	1 No 100 CFM Inline fan





HVAC LEGEND : -

TOILET EXHAUST DUCT

DOOR / WINDOW SCHEDULE (TOWER-1)

DOOR NAME	SIZE	CILL LVL	LINTEL LVL	LOCATION	FIRE RATED
D01	1200 X 2400		2400	BED ROOM ,KITCHEN & PASSAGE	
D02	1000 X 2400		2400	SERVICE PERSONAL /ROOM	
D03	900 X 2400		2400	TOILETS	
D04	1500 X 2700		2700	KITCHEN , SERVICE PASSAGE	
D05	1200 X 2300	100 MM	2400	FHC	
D06	900 X 2400		2400	ELE. SHAFT	
D07	1200 X 2400		2400	MACHINE ROOM	
D08	600X2300		2400	STAFF TOILET	
D09	800 X 2300	100 MM	2400	ELV. SHAFT	
D10	1000 X 2300	100 MM	2400	FHC	
D11	800 X 2400		2400	SERVANT TOILETS	
FD1	2000 X 2400		2400	SERVICE CORE LIFT LOBBY	2 HRS
FD2	1800 X 2400		2400	PASSANGER LIFT LOBBY	2 HRS
FD3	1200 X 2400		2400	STAIRCASE	2 HRS
FD4	1150 X 2400		2400	REFUGE TERRACE	2 HRS
FD5	1500 X 2700		2700	REFUGE TERRACE	2 HRS
FD6	900 X 2400		2400	ELEC. SHAFT	2 HRS
W1	1200 X 1500	1200 MM	2700	KITCHEN	
W2	2500 X 1500	900 MM	2400	ROOM	
W3	2000 X 900	1800 MM	2700	REFUGE FLOOR	2 HRS
DW1	3975 X 2400		2400	KITCHEN	
DW2	800 X 2800		2400	WC	

GLAZING SCHEDULE
UPPER GROUND TO 29TH FLOOR

GLAZING NAME	SIZE
GL1	4380 X 3050
GL2	8660 X 3050
GL3	2965 X 3050
GL4	1865 X 3050
GL8	3000 X 4000
GL9	5800 X 4000
GL10	6350 X 4000
GL11	2060 X 4000
GL12	12165 X 4000
GL13	6480 X 4000
GL14	1450 X 2750

LEGEND : -

1	160Ø SOIL & WASTE COMBINE PIPE
2	160Ø WASTE D/T PIPE
3	160Ø ANTISYPHONE PIPE
5	160Ø TERRACE RAIN WATER PIPE
6	DOMESTIC WATER SUPPLY DOWNTAKE PIPE
7	FLUSHING WATER SUPPLY DOWNTAKE PIPE
8	160Ø BALCONY RAIN WATER PIPE
6A	DOMESTIC WATER SUPPLY RISER PIPE
7A	FLUSHING WATER SUPPLY RISER PIPE
	KHURRA 650x650MM

29TH FLOOR AREA CALCULATION

GROSS – A										
1	0.5	X	0.925	+	0.575	X	0.360	=	0.270	SQM
2	1	X		0.500		X	1.705	=	0.883	SQM
3	0.5	X		0.735		X	3.800	=	1.427	SQM
4	0.5	X		3.590		X	1.465	=	2.660	SQM
5	1	X		7.890		X	1.290	=	10.208	SQM
5a	1	X		1.160		X	1.680	=	1.979	SQM
5b	1	X		1.660		X	1.690	=	2.835	SQM
7	0.5	X	7.555	+	7.675	X	1.520	=	11.575	SQM
8	0.5	X	0.960	+	1.025	X	0.750	=	0.744	SQM
9	1	X		0.600		X	2.825	=	1.695	SQM
10	0.5	X	0.560	+	0.575	X	0.200	=	0.114	SQM
11	0.5	X	7.035	+	7.150	X	1.435	=	10.178	SQM
12	1	X		6.750		X	1.715	=	11.606	SQM
12a	1	X		1.150		X	2.110	=	2.457	SQM
12b	1	X		1.150		X	2.100	=	2.445	SQM
13	0.5	X	1.450	+	1.465	X	1.995	=	2.908	SQM
14	0.5	X	3.230	+	3.265	X	0.400	=	1.299	SQM
15	0.5	X	26.015	+	28.025	X	12.065	=	325.996	SQM
16	0.5	X	9.860	+	10.840	X	11.650	=	120.578	SQM
17	0.5	X	3.600	+	3.565	X	0.400	=	1.433	SQM
18	0.5	X	4.545	+	3.600	X	3.465	=	14.111	SQM
19	0.5	X	3.680	+	4.545	X	1.765	=	7.259	SQM
20	1	X		0.710		X	3.125	=	2.219	SQM
21	1	X		0.750		X	0.750	=	0.563	SQM
22	1	X		1.800		X	0.870	=	1.566	SQM
23	0.5	X	1.970	+	1.745	X	2.595	=	4.820	SQM
24	1	X		4.385		X	0.900	=	3.947	SQM
25	1	X		0.750		X	4.475	=	3.356	SQM
26	0.5	X	3.925	+	3.965	X	3.025	=	11.934	SQM
27	1	X		0.900		X	4.620	=	4.158	SQM
28	1	X		1.650		X	2.255	=	3.721	SQM
29	0.5	X	12.160	+	12.195	X	0.425	=	5.175	SQM
29a	1	X		0.950		X	1.400	=	1.330	SQM
30	0.5	X	2.070	+	2.395	X	1.370	=	3.059	SQM
31	0.5	X	1.150	+	1.330	X	2.260	=	2.802	SQM
31a	0.5	X	1.215	+	1.305	X	1.155	=	1.455	SQM
31b	0.5	X	1.090	+	1.215	X	1.530	=	1.763	SQM
32	1	X		3.810		X	0.825	=	3.143	SQM
34	1	X		6.850		X	1.530	=	10.481	SQM
34a	1	X		3.415		X	1.690	=	5.771	SQM
36	0.5	X		1.460		X	17.285	=	12.618	SQM
36a	0.5	X	3.675	+	3.705	X	17.690	=	65.276	SQM
37	0.5	X	25.585	+	25.545	X	12.870	=	329.022	SQM
38	1	X		19.020		X	9.925	=	188.774	SQM
39	1	X		0.300		X	8.475	=	2.543	SQM
39b	1	X		0.950		X	1.600	=	1.520	SQM
40	1	X		2.010		X	4.725	=	9.497	SQM
41	1	X		5.895		X	5.405	=	31.862	SQM
42	1	X		5.150		X	1.550	=	7.983	SQM
43	1	X		5.595		X	1.000	=	5.595	SQM
44	0.5	X		1.815		X	0.315	=	0.286	SQM
45	1	X		3.015		X	0.895	=	2.698	SQM
45a	0.5	X		6.880		X	0.895	=	3.079	SQM
45b	1	X		0.750		X	0.895	=	0.671	SQM
46	0.5	X	13.440	+	13.380	X	5.210	=	69.866	SQM
47	1	X		0.945		X	0.200	=	0.189	SQM
							TOTAL	=	1337.398	SQM

DEDUCTION AREA

GROSS –B										
a	1	X		0.655		X	1.355	=	0.888	SQM
b	1	X		1.175		X	1.500	=	1.763	SQM
c	0.5	X	5.085	+	5.335	X	3.150	=	16.412	SQM
ca	2	X		2.500		X	2.000	=	10.000	SQM
e	1	X		3.050		X	8.000	=	24.400	SQM
f	1	X		0.835		X	1.465	=	1.223	SQM
g	1	X		0.675		X	1.375	=	0.928	SQM
h	1	X		1.740		X	1.105	=	1.923	SQM
j	1	X		1.100		X	1.905	=	2.096	SQM
k	1	X		0.600		X	1.740	=	1.044	SQM
m	1	X		3.050		X	5.900	=	17.995	SQM
m1	1	X		2.355		X	8.000	=	18.840	SQM
n	1	X		0.600		X	1.450	=	0.870	SQM
n1	1	X		0.750		X	1.200	=	0.900	SQM
n2	1	X		0.750		X	1.200	=	0.900	SQM
p	1	X		0.350		X	1.170	=	0.410	SQM
q	0.5	X	0.940	+	1.010	X	0.785	=	0.765	SQM
r	0.5	X	0.940	+	1.010	X	0.785	=	0.765	SQM
r1	0.5	X	0.320	+	0.535	X	2.575	=	1.101	SQM
s	0.5	X	0.935	+	0.860	X	1.025	=	0.920	SQM
t	0.5	X	0.935	+	0.860	X	1.025	=	0.920	SQM
u	0.5	X	1.085	+	1.250	X	2.035	=	2.376	SQM
v	1	X		0.975		X	0.800	=	0.780	SQM
w	0.5	X	1.030	+	1.195	X	2.035	=	2.264	SQM
x	1	X		0.975		X	1.200	=	1.170	SQM
z2	1	X		1.615		X	0.840	=	1.357	SQM
z2a	1	X		0.750		X	1.200	=	0.900	SQM
z3	1	X		0.850		X	1.340	=	1.139	SQM
z4	0.5	X	5.050	+	5.310	X	3.100	=	16.058	SQM
z6	1	X		2.375		X	0.660	=	1.568	SQM
z6a	1	X		0.395		X	0.440	=	0.174	SQM
z7	1	X		1.900		X	0.800	=	1.520	SQM
z8	1	X		1.565		X	0.650	=	1.017	SQM
z9	1	X		0.355		X	1.205	=	0.428	SQM
							TOTAL	=	135.811	SQM

TOTAL 29TH FLOOR ADDITIONAL AREA	=	GROSS – A	+	GROSS – A1
	=	1337.398	+	38.724
GROSS – 1	=	1376.122	SQM	
TOTAL 29TH FLOOR DEDUCTION AREA	=	GROSS – B	+	GROSS – B1
	=	135.811	+	0.195
GROSS – 2	=	136.005	SQM	
TOTAL 29TH FLOOR FAR AREA	=	GROSS – 1	-	GROSS – 2
	=	1376.122	-	136.005
	=	1240.117	SQM	

NON FAR AREA

GROSS –C										
c	0.5	X	5.085	+	5.335	X	3.150	=	16.412	SQM
m	1	X		3.050		X	5.900	=	17.995	SQM
m1	1	X		2.355		X	8.000	=	18.840	SQM
u	0.5	X	1.085	+	1.250	X	2.035	=	2.376	SQM
w	0.5	X	1.030	+	1.195	X	2.035	=	2.264	SQM
z4	0.5	X	3.715	+	4.145	X	5.190	=	20.397	SQM
z10	1	X		6.200		X	11.225	=	69.595	SQM
z11	1	X		6.000		X	0.425	=	2.550	SQM
z12	1	X		3.345		X	4.165	=	13.932	SQM
z12a	1	X		2.095		X	2.495	=	5.227	SQM
z13	0.5	X	4.965	+	5.585	X	7.400	=	39.035	SQM
z14	0.5	X	4.965	+	5.585	X	7.400	=	39.035	SQM
							TOTAL	=	247.657	SQM

TOTAL NON FAR AREA OF 29TH FLOOR	=	GROSS – C	+	GROSS – C1
	=	247.657	+	0.195
	=	247.852	SQM	
TOTAL BUILTUP AREA OF 29TH FLOOR	=	FAR AREA	+	NON FAR AREA
	=	1240.117	+	247.852
	=	1487.968	SQM	

ARC AREA — AREA CALCULATION (ADDITIONAL)

GROSS -A1																					
a1	3.14	X	2.320	X	2.320	X	114	/	360	-	0.5	X	2.320	-	1.050	X	3.880	=	2.888	SQM
a2	3.14	X	5.240	X	5.240	X	52	/	360	-	0.5	X	5.240	-	0.540	X	4.635	=	1.561	SQM
a3	3.14	X	7.400	X	7.400	X	61	/	360	-	0.5	X	7.400	-	1.035	X	7.555	=	5.092	SQM
a4	3.14	X	5.890	X	5.890	X	73	/	360	-	0.5	X	5.890	-	1.165	X	7.035	=	5.469	SQM
a4a	3.14	X	4.315	X	4.315	X	23	/	360	-	0.5	X	4.315	-	0.085	X	1.730	=	0.076	SQM
a5	3.14	X	2.570	X	2.570	X	43	/	360	-	0.5	X	2.570	-	0.175	X	1.875	=	0.232	SQM
a6	3.14	X	1.700	X	1.700	X	78	/	360	-	0.5	X	1.700	-	0.380	X	2.145	=	0.550	SQM
a7	3.14	X	4.600	X	4.600	X	33	/	360	-	0.5	X	4.600	-	0.185	X	2.595	=	0.362	SQM
a8	3.14	X	3.400	X	3.400	X	53	/	360	-	0.5	X	3.400	-	0.355	X	3.025	=	0.738	SQM
a9	3.14	X	5.755	X	5.755	X	38	/	360	-	0.5	X	5.755	-	0.320	X	3.775	=	0.719	SQM
a10	3.14	X	2.985	X	2.985	X	36	/	360	-	0.5	X	2.985	-	0.145	X	1.840	=	0.185	SQM
a11	3.14	X	6.450	X	6.450	X	65	/	360	-	0.5	X	6.450	-	1.010	X	6.925	=	4.750	SQM
a12	3.14	X	4.370	X	4.370	X	77	/	360	-	0.5	X	4.370	-	0.955	X	5.450	=	3.520	SQM
a13	3.14	X	17.025	X	17.025	X	38	/	360	-	0.5	X	17.025	-	0.945	X	11.195	=	6.062	SQM
a14	3.14	X	8.350	X	8.350	X	56	/	360	-	0.5	X	8.350	-	0.960	X	7.780	=	5.308	SQM
a15	3.14	X	4.350	X	4.350	X	53	/	360	-	0.5	X	4.350	-	0.455	X	3.870	=	1.211	SQM
																	TOTAL	=	38.724	SQM

ARC AREA — AREA CALCULATION (DEDUCTION)

GROSS -B1																					
c1	3.14	X	16.490	X	16.490	X	11	/	360	-	0.5	X	16.490	-	0.075	X	3.155	=	0.195	SQM
																	TOTAL	=	0.195	SQM

ARC AREA — NON FAR AREA CALCULATION

GROSS -C1																					
c1	3.14	X	16.490	X	16.490	X	11	/	360	-	0.5	X	16.490	-	0.075	X	3.155	=	0.195	SQM
																	TOTAL	=	0.195	SQM

NOTES:

- BUILDING WILL BE DESIGNED STRUCTURALLY AS PER RELEVANT IS CODES FOR EARTH QUAKE RESISTANCE.
- BUILDING HAS AUTOMATIC SPRINKLER SYSTEM ON ALL FLOORS.
- THE BUILDING IS FULLY VENTILATED & CENTRALLY AIR CONDITIONED WITH 100% POWER BACKUP.
- MSL 249.200 CONSIDERED AS ±00.00.
- ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.

DESIGN CONSULTANT: RSP
RSP Design Consultants (I) Pvt. Ltd.
RSP UNIT 103 FIRST FLOOR BESTECH BUSINESS TOWER, SOHNA ROAD, SECTOR 48, GURUGRAM, HARYANA 122018

OWNER: DLF LIMITED
THE SHOPPING MALL,DLF
QUTAB ENCLAVE(PHASE-I)
GURGAON, HARYANA 122002

ASSOCIATE ARCHITECT:
SBA Design N Code LLP
Architecture·Codes·Interiors
(Formerly known as RSMS)
69,Nora Niwas Bhawani Kunj, (Behind D2), Vasant Kunj, New Delhi-110070.
Mob.: 9810791652,9811077209

STRUCTURAL ENGINEER:
LERA CONSULTING STRUCTURAL ENGINEERS (INDIA) PVT LTD
THE RUBY,NORTH WING, FLOOR 23,29
(SENPATI BAPAT MARG, DADAR (W) MUMBAI
MAHARASHTRA INDIA 400 028

MEP CONSULTANT:
ARUP INDIA PRIVATE LIMITED
5TH FLOOR, JET PRIME, NEAR METRO STATION, SUREN ROAD, NEAR OFF.,
WESTERN EXPRESS HIGHWAY, ANDHERI EAST, MUMBAI, MAHARASHTRA INDIA 400 093

TITLE:-

REVISED BUILDING PLAN OF PHASE-R16 (THE DAHLIAS) FALLING IN GROUP HOUSING COLONY OVER AN AREA MEASURING 476.6015 ACRES NAMELY DLF-5 (EARLIER KNOWN AS ZONE-10, DLF CITY PHASE-V) IN SECTOR-42, 43, 53 & 54 GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY DLF LIMITED.

PROJECT:- THE DAHLIAS

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(HQ) PA A.TP

Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. 26937o....DV/14/08/2025
Superintending Engineer (HQ) for Chief Engineer-I HSVP Panchkula

JD(T) MEMBER BPAC

TO BE READ WITH THIS OFFICE MEMO NO.: 41383 DATED: 29-10-2025

ARCHITECT'S SEAL & SIGNATURE	OWNER'S SEAL & SIGNATURE
SBA DESIGN N CODE LLP	DLF LIMITED

Date : JULY.2025 | Scale : 1:100

Drawing Title:- 29TH (UPPER PENTHOUSE) FLOOR PLAN & AREA CALCULATION TOWER-01

Drawing No:- T1-07

DLF5

02-30092025