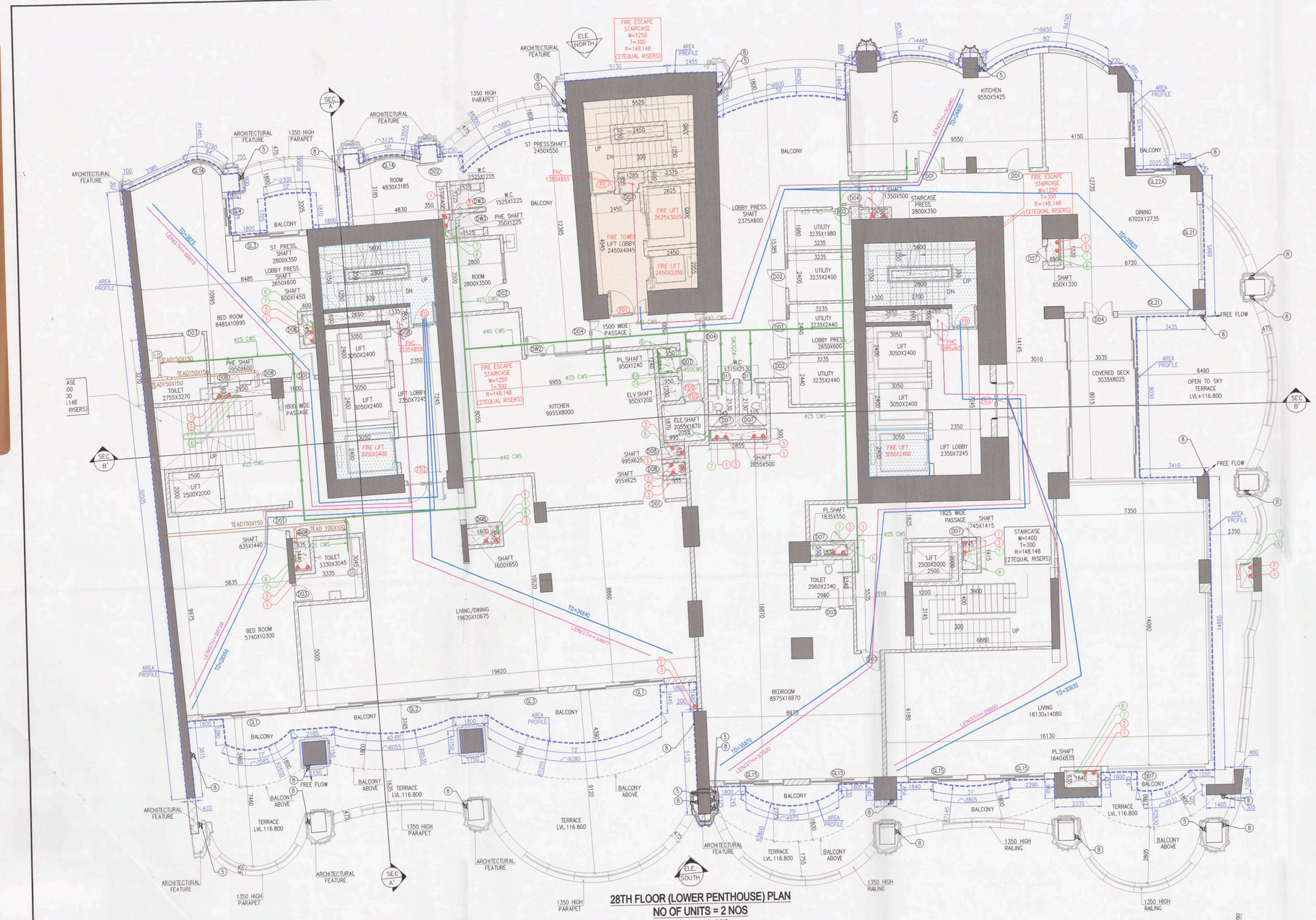


28TH FLOOR (LOWER PENTHOUSE) PLAN
NO OF UNITS = 2 NOS
LVL+116.800
TOWER-8

28TH FLOOR (LOWER PENT HOUSE)
TOWER- 8

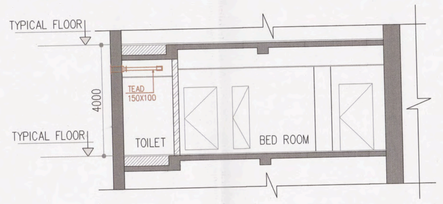
DOOR / WINDOW SCHEDULE (TOWER-8)					
DOOR NAME	SIZE	OLL LVL	UNTEL LVL	LOCATION	FIRE RATED
D01	1200 X 2400		2400	BED ROOM ,KITCHEN & PASSAGE	
D02	1000 X 2400		2400	SERVICE PERSONAL ROOM	
D03	900 X 2400		2400	TOILETS	
D04	1500 X 2700		2700	KITCHEN - SERVICE PASSAGE	
D05	2500 X 2400		2400	STAIRCASE	
D06	1200 X 2300	100 MM	2400	FHC	
D07	900 X 2300	100 MM	2400	ELECTRICAL SHAFT	
D08	800 X 2300	100 MM	2400	PHE SHAFT	
D10	1000 X 2300	100 MM	2400	PHE SHAFT	
D11	800 X 2400		2400	SERVANT TOILETS	
FD	1000 X 2100		2700	STAIRCASE	2 HRS
FD1	2900 X 3700		2700	SERVICE CORE LIFT LOBBY	2 HRS
FD2	1800 X 2850		2850	PASSENGER LIFT LOBBY	2 HRS
FD3	1500 X 2100		2700	REFUGE TERRACE	2 HRS
FD4	1200 X 2400		2400	REF. ROOM (Ground Floor)	3 HRS
FD5	900 X 2300	100 MM	2400	ELECTRICAL SHAFT	2 HRS
DW1	2000/1000 X 2700	1200 MM	2700	KITCHEN + REFUGE	
DW2	1500/1000 X 2700	1200 MM	2700	KITCHEN	
DW3	800X2850		2400	WC	
W1	1300 X 1500	900 MM	2400	ROOM	
W3	1500 X 900	1800 MM	2700	REFUGE FLOOR	2 HRS

GLAZING SCHEDULE UPPER GROUND TO 30th FLOOR	
GLAZING NAME	SIZE
GL1	4380 X 3050
GL2	8660 X 3050
GL3	2985 X 3050
GL4	1865 X 3050
GL5	1855 X 4000
GL6	6155 X 4000
GL10	4530 X 4000
GL11	1920 X 4000
GL12	12285 X 4000
GL13	3000 X 4000
GL14	1450 X 2700
GL15	3170 X 3050
GL16	950 X 2750
GL17	3057 X 2750
GL18	750 X 2750
GL19	1800 X 2750
GL20	15380 X 2750
GL21	2050 X 2750
GL22	3285 X 2750
GL23	2805 X 2750
GL24	4780 X 2750
GL25	2600 X 2750

GLAZING SCHEDULE	
GLAZING NAME	SIZE
GL26	4710 X 3050
GL27	3965 X 3050
GL28	5995 X 3050
GL29	3470 X 3050
GL30	1230 X 3050
GL31	1300 X 3050

LEGEND :-

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



HVAC LEGEND :-
TOILET EXHAUST DUCT

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

28TH FLOOR (LOWER PENT HOUSE) AREA CALCULATION																
GROSS – A																
1	0.5	X		0.025	+	1.370	X	3.105	=	2.195	SQM					
2	0.5	X	3.705	+	3.060	X	1.690	=	5.393	SQM						
3	0.5	X	0.755	+	0.805	X	0.900	=	0.702	SQM						
4	0.5	X	0.205	+	0.325	X	2.160	=	0.572	SQM						
5	0.5	X		0.330		X	6.220	=	1.026	SQM						
6	0.5	X	1.705	+	1.810	X	2.285	=	4.016	SQM						
7	0.5	X	3.905	+	3.945	X	0.750	=	2.944	SQM						
8	0.5	X	3.025	+	3.030	X	3.500	=	10.596	SQM						
9	1	X		0.900		X	4.265	=	3.839	SQM						
10	0.5	X	3.665	+	3.735	X	1.250	=	4.625	SQM						
11	0.5	X	2.860	+	4.840	X	5.410	=	20.829	SQM						
12	0.5	X	7.310	+	7.585	X	5.130	=	38.206	SQM						
13	0.5	X	7.585	+	7.590	X	2.455	=	18.627	SQM						
14	0.5	X	5.335	+	6.080	X	8.430	=	36.635	SQM						
15	0.5	X	7.910	+	7.770	X	0.585	=	4.665	SQM						
16	1	X		1.000		X	8.465	=	8.465	SQM						
17	0.5	X	7.940	+	7.515	X	4.320	=	33.383	SQM						
18	1	X		0.750		X	8.010	=	6.008	SQM						
19	0.5	X	7.330	+	7.425	X	7.240	=	53.413	SQM						
20	0.3	X	7.425	+	6.695	X	0.485	=	3.424	SQM						
21	1	X		2.025		X	2.260	=	4.577	SQM						
22	0.5	X	1.305	+	1.010	X	0.450	=	0.521	SQM						
23	0.5	X		1.305		X	1.915	=	2.499	SQM						
24	1	X		1.305		X	13.450	=	17.450	SQM						
25	1	X		3.435		X	5.080	=	33.111	SQM						
26	1	X		3.410		X	9.710	=	1127.365	SQM						
27	0.5	X	50.345	+	48.460	X	22.820	=	6.194	SQM						
28	1	X		1.250		X	4.955	=	14.214	SQM						
29	0.5	X	5.875	+	4.955	X	2.625	=	20.514	SQM						
30	1	X		4.140		X	4.955	=	10.586	SQM						
31	1	X		2.335		X	1.230	=	90.157	SQM						
32	1	X		17.255		X	5.222	=	1.065	SQM						
32a	1	X		4.615		X	0.235	=	0.972	SQM						
33	0.5	X	0.840	+	0.850	X	1.150	=	0.972	SQM						
34	0.5	X	0.720	+	0.600	X	4.280	=	2.812	SQM						
35	0.5	X	0.585	+	0.520	X	2.350	=	1.298	SQM						
36	1	X		0.100		X	1.800	=	0.180	SQM						
37	0.5	X	1.420	+	1.545	X	8.620	=	12.779	SQM						
38	0.5	X	1.970	+	1.420	X	9.900	=	16.781	SQM						
39	0.5	X	2.605	+	1.970	X	3.475	=	7.948	SQM						
40	0.5	X	1.425	+	1.325	X	1.800	=	2.475	SQM						
42	1	X		0.410		X	5.270	=	2.161	SQM						
43	2	X		1.150		X	1.150	=	2.645	SQM						
44	1	X		1.405		X	0.505	=	0.710	SQM						
45	0.5	X	0.460	+	0.305	X	1.250	=	0.478	SQM						
							TOTAL	=	1632.329	SQM						

DEDUCTION AREA																
GROSS –B																
a	1	X		5.600			X	3.150	=	17.640	SQM					
b	1	X		1.265			X	1.055	=	1.335	SQM					
c	1	X		0.885			X	0.355	=	0.314	SQM					
d	1	X		1.285			X	0.600	=	0.771	SQM					
d1	1	X		0.050			X	0.655	=	0.033	SQM					
e	1	X		2.650			X	0.600	=	1.590	SQM					
f	1	X		0.600			X	1.450	=	0.870	SQM					
g	6	X		3.050			X	2.400	=	43.920	SQM					
h	1	X		2.950			X	0.600	=	1.770	SQM					
i	1	X		0.835			X	1.440	=	1.202	SQM					
k	1	X		1.600			X	0.845	=	1.352	SQM					
m	1	X		0.355			X	1.225	=	0.435	SQM					
n	0.5	X	4.330	+	4.015		X	11.415	=	47.629	SQM					
p	0.5	X	1.255	+	0.935		X	11.350	=	12.428	SQM					
q	1	X		0.950			X	1.240	=	1.178	SQM					
r	1	X		0.950			X	1.200	=	1.140	SQM					
s	1	X		2.850			X	0.500	=	1.425	SQM					
t	0.5	X	2.145	+	2.040		X	1.870	=	3.913	SQM					
u	0.5	X	0.995	+	0.975		X	0.625	=	0.602	SQM					
v	0.5	X	0.970	+	0.955		X	0.605	=	1.009	SQM					
w	1	X		1.835			X	0.550	=	1.061	SQM					
x1	1	X		0.750			X	1.415	=	1.061	SQM					
x2	1	X		1.840			X	0.835	=	1.369	SQM					
z	1	X		0.885			X	0.355	=	0.314	SQM					
z1	1	X		0.050			X	0.655	=	0.033	SQM					
z2	1	X		1.285			X	0.600	=	0.771	SQM					
z3	1	X		2.650			X	0.600	=	1.590	SQM					
z4	1	X		5.600			X	3.150	=	17.640	SQM					
z5	1	X		1.265			X	1.055	=	1.335	SQM					
z6	1	X		0.850			X	1.325	=	0.861	SQM					
z7	1	X		1.350			X	0.505	=	0.682	SQM					
								TOTAL	=	166.828	SQM					

28TH FLOOR (LOWER PENT HOUSE) ADDITIONAL AREA	=	GROSS – A	+	GROSS – A1	
	=	1632.329	+	33.625	
GROSS – 1	=	1665.955	SQM		
28TH FLOOR (LOWER PENT HOUSE) DEDUCTION AREA	=	GROSS – B			
	=	166.828			
GROSS – 2	=	166.828	SQM		
TOTAL AREA OF 28TH FLOOR (LOWER PENT HOUSE)	=	GROSS – 1	-	GROSS – 2	
	=	1665.955	-	166.828	
	=	1499.127	SQM		

NON FAR AREA (ADDITION)																
GROSS –C																
a	1	X		5.600			X	3.150	=	17.640	SQM					
b	1	X		1.265			X	1.055	=	1.335	SQM					
n	0.5	X	4.330	+	4.015		X	11.415	=	47.629	SQM					
p	0.5	X	1.255	+	0.935		X	11.350	=	12.428	SQM					
t	0.5	X	2.145	+	2.040		X	1.870	=	3.913	SQM					
z4	1	X		5.600			X	3.150	=	17.640	SQM					
z5	1	X		1.265			X	1.055	=	1.335	SQM					
								TOTAL	=	101.919	SQM					

NON FAR AREA(DEDUCTION)																
GROSS –D																
x1	1	X		2.450			X	0.550	=	1.348	SQM					
x2	1	X		0.990			X	0.855	=	0.846	SQM					
x3	1	X		0.900			X	0.100	=	0.090	SQM					
x4	1	X		0.295			X	0.600	=	0.177	SQM					
x5	0.5	X	2.375	+	2.345		X	0.600	=	1.416	SQM					
x6	0.5	X	2.625	+	2.460		X	3.000	=	7.828	SQM					
x7	0.5	X	1.440	+	1.385		X	2.000	=	2.825	SQM					
x8	0.5	X	2.000	+	2.055		X	0.950	=	1.926	SQM					
								TOTAL	=	16.256	SQM					

TOTAL NON FAR AREA OF 28TH FLOOR (LOWER PENT HOUSE)	=	GROSS –C	-	GROSS –D	
	=	101.919	-	16.256	
	=	85.664	SQM		
TOTAL BUILTUP AREA OF 28TH FLOOR (LOWER PENT HOUSE)	=	FAR AREA	+	NON FAR AREA	
	=	1499.127	+	85.664	
	=	1584.791	SQM		

ARC AREA CALCULATION (ADDITIONAL)																				
GROSS -A1																				
a1	3.14	X	2.650	X	2.650	X	77	/	360	-	0.5	X	2.650	-	0.585	X	3.315	=	1.294	SQM
a2	3.14	X	8.535	X	8.535	X	41	/	360	-	0.5	X	8.535	-	0.930	X	5.930	=	2.093	SQM
a3	3.14	X	7.255	X	7.255	X	73	/	360	-	0.5	X	7.255	-	1.435	X	8.660	=	3.313	SQM
a4	3.14	X	3.770	X	3.770	X	75	/	360	-	0.5	X	3.770	-	0.760	X	4.605	=	2.413	SQM
a5	3.14	X	7.145	X	7.145	X	31	/	360	-	0.5	X	7.145	-	0.290	X	3.760	=	0.841	SQM
a6	3.14	X	2.630	X	2.630	X	64	/	360	-	0.5	X	2.630	-	0.400	X	2.780	=	0.761	SQM
a7	3.14	X	4.765	X	4.765	X	80	/	360	-	0.5	X	4.765	-	1.115	X	6.120	=	4.674	SQM
a8	3.14	X	5.390	X	5.390	X	47	/	360	-	0.5	X	5.390	-	0.455	X	4.340	=	1.201	SQM
a9	3.14	X	9.650	X	9.650	X	39	/	360	-	0.5	X	9.650	-	0.560	X	6.470	=	2.271	SQM
a10	3.14	X	6.300	X	6.300	X	53	/	360	-	0.5	X	6.300	-	0.670	X	5.655	=	2.429	SQM
a11	3.14	X	3.555	X	3.555	X	50	/	360	-	0.5	X	3.555	-	0.340	X	3.025	=	0.849	SQM
a12	3.14	X	5.990	X	5.990	X	22	/	360	-	0.5	X	5.990	-	0.110	X	2.285	=	0.167	SQM
a13	3.14	X	1.485	X	1.485	X	84	/	360	-	0.5	X	1.485	-	0.385	X	1.995	=	0.518	SQM
																	TOTAL	=	33.625	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 MECHANICALLY 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. PA. AP.
JD(HQ) JDT(T) MEMBER BPAC

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No.2633 Dt. 14/8/2025

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

TO BE RETURNED WITH THIS OFFICE MEMO NO.: 41383 DATED : 29-9-2025

ARCHITECT'S SEAL & SIGNATURE	OWNER'S SEAL & SIGNATURE

Date : July.2025 | Scale : 1:100

Drawing Title:-
28TH FLOOR (LOWER PENTHOUSE) & AREA CALCULATION TOWER-08

Drawing No:- T8-05

DLF 5

03-30092025