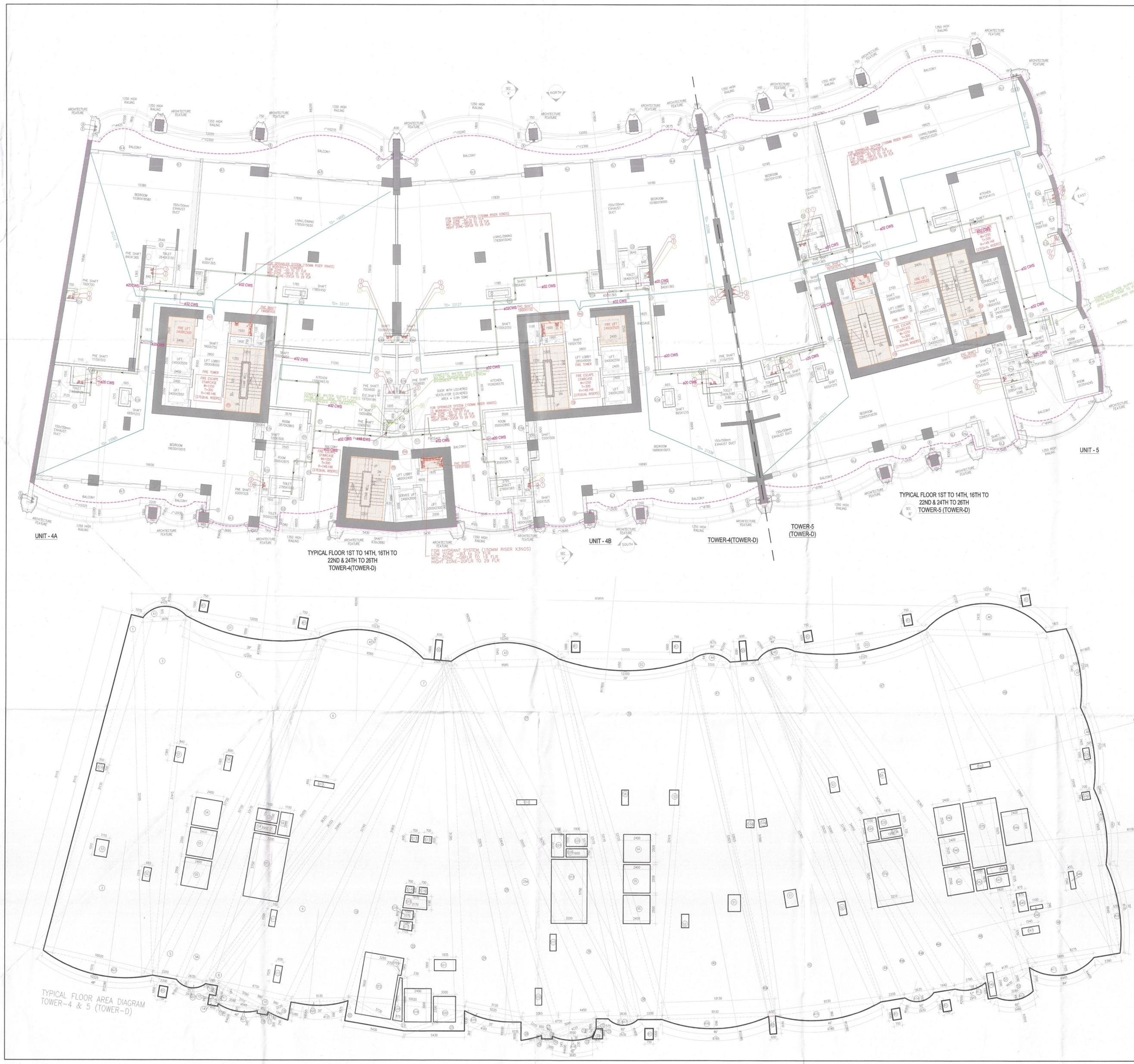
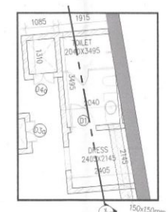


TYPICAL FLOOR	FLOOR LEVEL	UNITS
1st FLOOR	(+4.5+150)	1
2nd FLOOR	(+8.4+150)	1
3rd FLOOR	(+12.3+150)	1
4th FLOOR	(+16.2+150)	1
5th FLOOR	(+20.1+150)	1
6th FLOOR	(+24.0+150)	1
7th FLOOR	(+27.9+150)	1
8th FLOOR	(+31.8+150)	1
9th FLOOR	(+35.7+150)	1
10th FLOOR	(+39.6+150)	1
11th FLOOR	(+43.5+150)	1
12th FLOOR	(+47.4+150)	1
13th FLOOR	(+51.3+150)	1
14th FLOOR	(+55.2+150)	1
15th FLOOR	(+59.1+150)	1
16th FLOOR	(+63.0+150)	1
17th FLOOR	(+66.9+150)	1
18th FLOOR	(+70.8+150)	1
19th FLOOR	(+74.7+150)	1
20th FLOOR	(+78.6+150)	1
21st FLOOR	(+82.5+150)	1
22nd FLOOR	(+86.4+150)	1
24th FLOOR	(+94.2+150)	1
25th FLOOR	(+98.1+150)	1
26th FLOOR	(+102.0+150)	1
TOTAL UNITS	=	72



DETAIL FOR MECHANICAL VENTILATION OF TOILET AREA

SECTION XX

SR No	Location	WIDTH	DEPTH	HEIGHT	SELECTED EXHAUST FAN	MIN.SIZE	SIGNALLED DUCT SIZE
		(mm)	(mm)	(mm)		Lx(mm)	Lx(mm)
1	TYPICAL MECHANICAL VENTILATION FOR W.C.	300	300	450	9.0 x 9.0 (Sm) Calculation Inline fan	270x270x1170	150 x 150
2	Extra						

AREA CALCULATION OF 1ST TO 14TH,16TH TO 22ND & 24TH TO 26TH (TOWER-4&5)															
GROSS-A															
NO.	A		B		C							1	AREA OF = (1/2*A*B+B*C+C)	Area	
1	1.075	+	31.115	+	31.135	/	2	=	31.8625				16.724	SQM	
2	10.820	+	32.105	+	31.135	/	2	=	36.63				24236.398	195.680	SQM
3	2.875	+	32.415	+	32.325	/	2	=	34.595				3857.711	62.110	SQM
4	12.065	+	33.720	+	32.415	/	2	=	39.095				27966.210	194.424	SQM
5	3.200	+	33.170	+	32.840	/	2	=	34.985				1232.790	35.110	SQM
5A	2.635	+	33.170	+	32.840	/	2	=	34.2225				1660.499	42.432	SQM
6	9.585	+	35.065	+	32.840	/	2	=	38.64				24144.869	155.339	SQM
7	2.505	+	35.065	+	36.325	/	2	=	36.9425				1452.797	38.507	SQM
8	1.085	+	36.325	+	35.840	/	2	=	36.625				396.539	17.508	SQM
9	6.730	+	38.940	+	33.780	/	2	=	36.185				12287.049	110.847	SQM
10	2.220	+	6.730	+	6.895	/	2	=	7.6225				16.914	4.361	SQM
11	1.605	+	5.110	+	4.845	/	2	=	5.6275				12.739	3.569	SQM
12	1.605	+	0.960	+	0.765	/	2	=	1.625				0.521	0.144	SQM
13	0.575	+	1.070	+	0.905	/	2	=	1.3725				0.867	0.359	SQM
14	0.960	+	1.070	+	0.855	/	2	=	1.4625				0.164	0.405	SQM
15	0.230	+	0.995	+	0.745	/	2	=	0.995				0.002	0.040	SQM
16	0.245	+	0.950	+	0.890	/	2	=	1.0875				0.014	0.116	SQM
17	0.950	+	0.990	+	0.245	/	2	=	1.095				0.013	0.114	SQM
17a	0.960	+	5.110	+	5.095	/	2	=	5.1525				0.022	0.148	SQM
18	1.940	+	1.650	+	3.225	/	2	=	2.985				3.410	1.582	SQM
19	5.135	+	31.865	+	33.765	/	2	=	35.35				6026.400	77.591	SQM
20	10.520	+	31.365	+	31.865	/	2	=	36.865				26915.718	163.740	SQM
21	10.520	+	5.730	+	5.730	/	2	=	16.99				142.911	11.955	SQM
22	5.730	+	5.430	+	1.825	/	2	=	6.4825				24.551	4.955	SQM
23	5.430	+	1.825	+	5.730	/	2	=	6.495				24.685	4.968	SQM
24	5.135	+	32.975	+	31.395	/	2	=	34.7475				6152.636	78.411	SQM
25	1.365	+	33.645	+	32.975	/	2	=	34.8025				2606.723	54.852	SQM
25A	4.450	+	35.865	+	33.845	/	2	=	38.575				5232.950	72.336	SQM
26	1.915	+	2.220	+	1.695	/	2	=	2.8925				2.363	1.537	SQM
27	2.220	+	6.730	+	5.095	/	2	=	7.0225				19.914	4.361	SQM
28	0.950	+	4.220	+	5.095	/	2	=	5.1525				0.735	0.857	SQM
29	0.950	+	0.995	+	0.300	/	2	=	1.1225				0.020	0.142	SQM
30	0.950	+	0.995	+	0.245	/	2	=	1.095				0.013	0.116	SQM
31	4.220	+	3.590	+	1.695	/	2	=	4.7075				7.957	2.821	SQM
32	0.900	+	0.745	+	1.695	/	2	=	1.625				0.521	0.144	SQM
33	0.230	+	0.745	+	0.995	/	2	=	0.995				0.002	0.040	SQM
34	0.900	+	1.070	+	0.995	/	2	=	1.4625				0.164	0.405	SQM
35	0.900	+	1.070	+	0.575	/	2	=	1.2725				0.867	0.359	SQM
36	2.635	+	36.290	+	35.095	/	2	=	36.97				1750.200	41.835	SQM
37	9.585	+	36.290	+	33.170	/	2	=	39.6025				24341.223	156.017	SQM
38	3.200	+	33.720	+	33.170	/	2	=	34.945				1267.503	35.602	SQM
39	12.065	+	32.825	+	33.720	/	2	=	39.3				28665.959	196.687	SQM
40	9.530	+	32.415	+	32.825	/	2	=	37.385				23850.531	153.425	SQM
40A	9.600	+	32.825	+	32.825	/	2	=	35.125				96.565	9.947	SQM
41	3.355	+	31.990	+	32.825	/	2	=	34.245				2764.856	52.582	SQM
42	9.530	+	33.365	+	31.990	/	2	=	37.8425				23205.584	152.432	SQM
43	2.510	+	33.365	+	32.825	/	2	=	34.2475				1561.124	39.511	SQM
44	2.200	+	33.090	+	32.825	/	2	=	33.958				1245.126	35.286	SQM
44A	2.635	+	33.090	+	33.765	/	2	=	34.755				1602.938	42.461	SQM
44B	1.940	+	34.450	+	33.765	/	2	=	35.0975				968.742	31.676	SQM
44C	3.795	+	35.485	+	34.450	/	2	=	36.35				2074.141	45.543	SQM
45	1.305	+	34.345	+	35.465	/	2	=	36.5775				2545.258	50.164	SQM
46	4.130	+	35.360	+	34.345	/	2	=	36.9175				4849.892	69.641	SQM
47	11.990	+	31.730	+	35.360	/	2	=	39.54				35561.951	188.579	SQM
48	8.275	+	33.905	+	31.730	/	2	=	36.955				16980.344	129.963	SQM
49	10.800	+	33.905	+	29.950	/	2	=	37.1275				23860.449	154.496	SQM
50	1.815	+	29.950	+	29.490	/	2	=	30.4225				746.012	26.782	SQM
51	4.130	+	1.505	+	4.635	/	2	=	5.1325				9.375	3.063	SQM
55	4.630	+	3.295	+	2.160	/	2	=	6.04				10.415	3.227	SQM
									TOTAL	=			2942.859	SQM	

AREA CALCULATION OF 1ST TO 14TH,16TH TO 22ND & 24TH TO 26TH(TOWER-4&5)														
GROSS-E														
NO.	A		B		C									
s1	1	X	1.115					X	1.510	=	1.681	SQM		
s2	3	X	0.690					X	1.215	=	2.424	SQM		
s3	3	X	0.930					X	1.685	=	3.582	SQM		
s3a	4	X	0.790					X	0.790	=	1.960	SQM		
s4	2	X	1.000					X	2.550	=	12.000	SQM		
s5	4	X	2.400					X	3.550	=	34.480	SQM		
s6	1	X	1.000					X	1.000	=	1.000	SQM		
s7	1	X	1.000					X	1.130	=	2.260	SQM		
s8	1	X	1.930					X	0.750	=	1.425	SQM		
s9	3	X	1.100					X	3.550	=	11.295	SQM		
s10	2	X	1.795					X	0.450	=	2.410	SQM		
s11	2	X	0.550					X	1.505	=	1.655	SQM		
s12	2	X	0.600					X	1.525	=	1.830	SQM		
s13	2	X	0.790					X	0.600	=	0.948	SQM		
s14	1	X	0.790					X	0.600	=	0.474	SQM		
s15	0.5	X	1.970	+	2.170	X	1.100	X	0.550	=	3.440	SQM		
s16	0.5	X	1.075	+	1.085	X	0.500	X	0.550	=	0.832	SQM		
s17	0.5	X	1.155	+	1.095	X	0.550	X	0.550	=	0.938	SQM		
s18	0.5	X	0.875	+	0.230	X	3.840	X	0.550	=	2.122	SQM		
s19	1	X	2.400					X	3.000	=	7.200	SQM		
s20	1	X	2.000					X	2.000	=	4.000	SQM		
s21	1	X	1.930					X	1.000	=	1.930	SQM		
s22	1	X	1.000					X	1.000	=	1.000	SQM		
s23	1	X	1.500					X	1.500	=	2.250	SQM		
s24	1	X	1.190					X	0.750	=	1.425	SQM		
s25	1	X	1.900					X	0.750	=	1.425	SQM		
s26	1	X	1.190					X	2.000	=	2.380	SQM		
s27	1	X	0.575					X	1.000	=	0.575	SQM		
s28	1	X	0.575					X	1.000	=	0.575	SQM		
s29	1	X	1.190					X	0.750	=	0.893	SQM		
s30	1	X	0.575					X	1.000	=	0.575	SQM		
s40	2	X	2.490					X	2.525	=	12.120	SQM		
s41	1	X	2.400					X	2.550	=	6.120	SQM		
s42	1	X	1.000					X	1.875	=	1.875	SQM		
s43	1	X	1.000					X	1.725	=	1.725	SQM		
s43a	1	X	1.800					X	0.550	=	0.990	SQM		
s44	1	X	1.000					X	1.375	=	1.375	SQM		
s45	1	X	0.875					X	1.675	=	1.466	SQM		
s46	1	X	1.190					X	0.140	=	0.374	SQM		
s47	1	X	1.540					X	0.650	=	1.004	SQM		
s48	1	X	0.455					X	1.590	=	0.723	SQM		
s49	1	X	0.800					X	2.050	=	1.204	SQM		
									TOTAL		132.189			
STAIRCASE AREA														
GROSS -F														
ST1	1	X	3.290					X	5.750	=	18.402	SQM		
ST2	1	X	3.290					X	6.600	=	18.208	SQM		
ST3a	1	X	0.275					X	1.595	=	0.439	SQM		
ST3	1	X	3.290					X	5.750	=	18.402	SQM		
ST4	1	X	3.290					X	6.600	=	18.208	SQM		
ST5	1	X	3.550					X	6.525	=	11.775	SQM		
									TOTAL	=	91.904	SQM		

TOTAL BUILT UP AREA OF (1ST TO 14TH,16TH TO 22ND & 24TH TO 26TH (TOWER-4&5)	=	GROSS-1	+	GROSS-F	
	=	2765.20	+	91.904	
	GROSS-2	=	2885.133	SQM	
NON FAR AREA OF TYPICAL FLOOR (TOWER-D)	=	GROSS-2	-	GROSS-1	
		2885.133		2765.20	
	GROSS-G	=	91.904	SQM	

ADDITIONAL AREA											
GROSS -C											
R1	11	X	1.000	X	0.750	=	8.250	SQM			
R2	1	X	0.600	X	1.610	=	0.966	SQM			
R3	2	X	0.800	X	1.100	=	2.160	SQM			
				TOTAL	=	11.376	SQM				

ADDITIONAL AREA CALCULATION OF (TOWER-4&5)																					
GROSS – B																					
a1	3.14	X	2.500	X	2.500	X	101	/	360	-	0.5	X	2.500	-	0.915	X	3.870	=	2.439	SQM	
a2	3.14	X	8.200	X	8.200	X	72	/	360	-	0.5	X	8.200	-	1.545	X	9.565	=	10.333	SQM	
a3	3.14	X	8.200	X	8.200	X	72	/	360	-	0.5	X	8.200	-	1.545	X	9.565	=	10.333	SQM	
a4	3.14	X	2.500	X	2.500	X	84	/	360	-	0.5	X	2.500	-	0.645	X	3.355	=	1.407	SQM	
a5	3.14	X	2.500	X	2.500	X	84	/	360	-	0.5	X	2.500	-	0.645	X	3.355	=	1.407	SQM	
a6	3.14	X	7.200	X	7.200	X	97	/	360	-	0.5	X	7.200	-	2.435	X	10.800	=	18.129	SQM	
a7	3.14	X	11.900	X	11.900	X	35	/	360	-	0.5	X	11.900	-	0.550	X	7.140	=	2.711	SQM	
a8	3.14	X	12.425	X	12.425	X	35	/	360	-	0.5	X	12.425	-	0.565	X	7.405	=	3.217	SQM	
a9	3.14	X	11.625	X	11.625	X	34	/	360	-	0.5	X	11.625	-	0.510	X	6.885	=	2.782	SQM	
a10	3.14	X	15.405	X	15.405	X	30	/	360	-	0.5	X	15.405	-	0.535	X	8.040	=	2.330	SQM	
a11	3.14	X	4.410	X	4.410	X	84	/	360	-	0.5	X	4.410	-	1.125	X	5.685	=	4.945	SQM	
a12	3.14	X	3.010	X	3.010	X	68	/	360	-	0.5	X	3.010	-	0.490	X	3.290	=	1.070	SQM	
a13	3.14	X	2.950	X	2.950	X	67	/	360	-	0.5	X	2.950	-	0.355	X	2.706	=	0.700	SQM	
a14	3.14	X	1.855	X	1.855	X	90	/	360	-	0.5	X	1.855	-	0.550	X	2.635	=	0.982	SQM	
a15	3.14	X	12.280	X	12.280	X	46	/	360	-	0.5	X	12.280	-	0.960	X	9.530	=	8.584	SQM	
a16	3.14	X	12.280	X	12.280	X	46	/	360	-	0.5	X	12.280	-	0.960	X	9.530	=	8.584	SQM	
a17	3.14	X	1.855	X	1.855	X	90	/	360	-	0.5	X	1.855	-	0.550	X	2.635	=	0.982	SQM	
a18	3.14	X	4.600	X	4.600	X	46	/	360	-	0.5	X	4.600	-	0.365	X	3.590	=	0.888	SQM	
a19	3.14	X	8.500	X	8.500	X	35	/	360	-	0.5	X	8.500	-	0.365	X	5.225	=	0.804	SQM	
a20	3.14	X	8.555	X	8.555	X	35	/	360	-	0.5	X	8.555	-	0.360	X	5.135	=	1.302	SQM	
a21	3.14	X	4.600	X	4.600	X	46	/	360	-	0.5	X	4.600	-	0.365	X	3.590	=	0.888	SQM	
a22	3.14	X	1.855	X	1.855	X	90	/	360	-	0.5	X	1.855	-	0.550	X	2.635	=	0.982	SQM	
a23	3.14	X	12.280	X	12.280	X	46	/	360	-	0.5	X	12.280	-	1.010	X	10.030	=	6.972	SQM	
																	TOTAL	=	88.457	SQM	
DEDUCTION AREA																					
GROSS-D																					
D1	3.14	X	17.850	X	17.850	X	39	/	360	-	0.5	X	17.850	-	1.050	X	12.055	=	8.234	SQM	
D2	3.14	X	17.850	X	17.850	X	39	/	360	-	0.5	X	17.850	-	1.050	X	12.055	=	8.234	SQM	
D3	3.14	X	17.850	X	17.850	X	39	/	360	-	0.5	X	17.850	-	1.035	X	11.990	=	8.190	SQM	
																	TOTAL	=	25.159	SQM	

TOTAL FAR AREA OF (1ST TO 14TH,16TH TO 22ND & 24TH TO 26TH FLOOR (TOWER-4&5)	=	GROSS – A	+	GROSS – B	+	GROSS – C	-	GROSS – D	-	GROSS –E	-	GROSS –F									
	=	2942.859	+	88.457	+	11.376	-	25.159	-	132.189	-	91.904									
GROSS –G	=	2765.20	SQM																		

NOTE: THE TOWER NUMBER IN THE BRACKET IS THE PREVIOUS TOWER NUMBER.

S.T.P.(HQ) Member Secretary B.P.A.C. | S.T.P.(G) Member B.P.A.C. | C.T.P.(Pr.) Chairman B.P.A.C.

ATP(HQ) J.D. P.A. A.P.P.

Ram Avtar Bassi JD(HQ)

Notes :-

1. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT IS CODES FOR EARTH QUAKE RESISTANCE.
2. BUILDING HAS AUTOMATIC SPRINKLER SYSTEM ON ALL FLOORS.
3. THE BUILDING IS FULLY VENTILATED & CENTRALLY AIR CONDITIONED WITH 100% POWER BACKUP.

(LEGEND) :-

SP	1	100M SOIL & WASTE COMBINE PIPE
SP	2	100M WASTE S/T PIPE
SP	3	100M ANTISYPHONE PIPE
SP	4	100M TERRACE RAIN WATER PIPE
SP	5	100M FLUSHING WATER SUPPLY DOWNCOMER PIPE
SP	6	25M
SP	7	100M BALCONY RAIN WATER PIPE
SP	8	DOMESTIC WATER SUPPLY DOWNCOMER PIPE
SP	9	FLUSHING WATER SUPPLY RISER PIPE
		ANGERA 450x450MM

DOOR SCHEDULE

DOOR Mark	SIZE	SILL LVL	FIG.NO
D	1000 X 2400	2400	
D1	1000 X 2400	2400	
D2	900 X 2400	2400	
D3	1000 X 2400	2400	2 NOS
D3a	1000 X 2400	2400	2 NOS
D4	1000 X 2400	2400	2 NOS
D5	1000 X 2400	2400	
D5a	VARIES 2700	2400	
D6a	900 X 2700	2400	
D6b	900 X 2700	2400	

GLAZING SCHEDULE

GLAZING	SIZE	SILL LVL
GL1	5200 X 2400	2400
GL2	4200 X 2400	2400
GL3	5200 X 2400	2400
GL4	3000 X 2400	2400
GL5	1700 X 2400	2400
GL6	1700 X 2400	2400
GL7	5200 X 2400	2400
GL8	3000 X 2400	2400
GL9	1700 X 2400	2400
GL10	2400 X 2400	2400
GL11	3600 X 2400	2400
GL12	1700 X 2400	2400
GL13	2400 X 2400	2400
GL14	1500 X 2400	2400
GL15	2800 X 2400	2400

PROJECT

REVISED BUILDING PLANS OF GROUP HOUSING SCHEME "THE DAHLIAS" IN ZONE-10,FALLING IN GROUP HOUSING COLONY AREA MEASURING 476.6015 ACRES NAMELY DLF-5 (FORMERLY KNOWN AS DLF CITY PHASE-V) GURUGRAM BEING DEVELOPED BY DLF LIMITED.

PROJECT ARCHITECT

RSP DESIGN CONSULTANTS
UNIT 103, BESTECH BUSINESS TOWER
GURUGRAM, HARYANA 122018, INDIA

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

ASSOCIATES ARCHITECT
G & G ASSOCIATES
Plot No.428, Sector-37C, Near GAV International School,
PH-8860131417
Gurgaon-122006

ARCHITECT'S SEAL & SIGNATURE

Checked and found ok for Public Health (Internal) Service only subject to compliance of fire fighting letter No. LF/285 dt. 7/6/24

Ar. Praveen Kumar
CA/2012/55971

Superintending Engineer (HQ)
For Panchkula

OWNER'S SEAL & SIGNATURE

DLF Limited
Regd. Office
BPA

JULY-2024 | Scale : 1:100

Drawing Title:-
FLOOR PLAN & AREA CALCULATION OF 1ST TO 14TH, 16TH TO 22ND & 24TH TO 26TH FLOOR)
TOWER-4 & 5 (TOWER-D)

Drawing No:-
T4-02

DLF 5