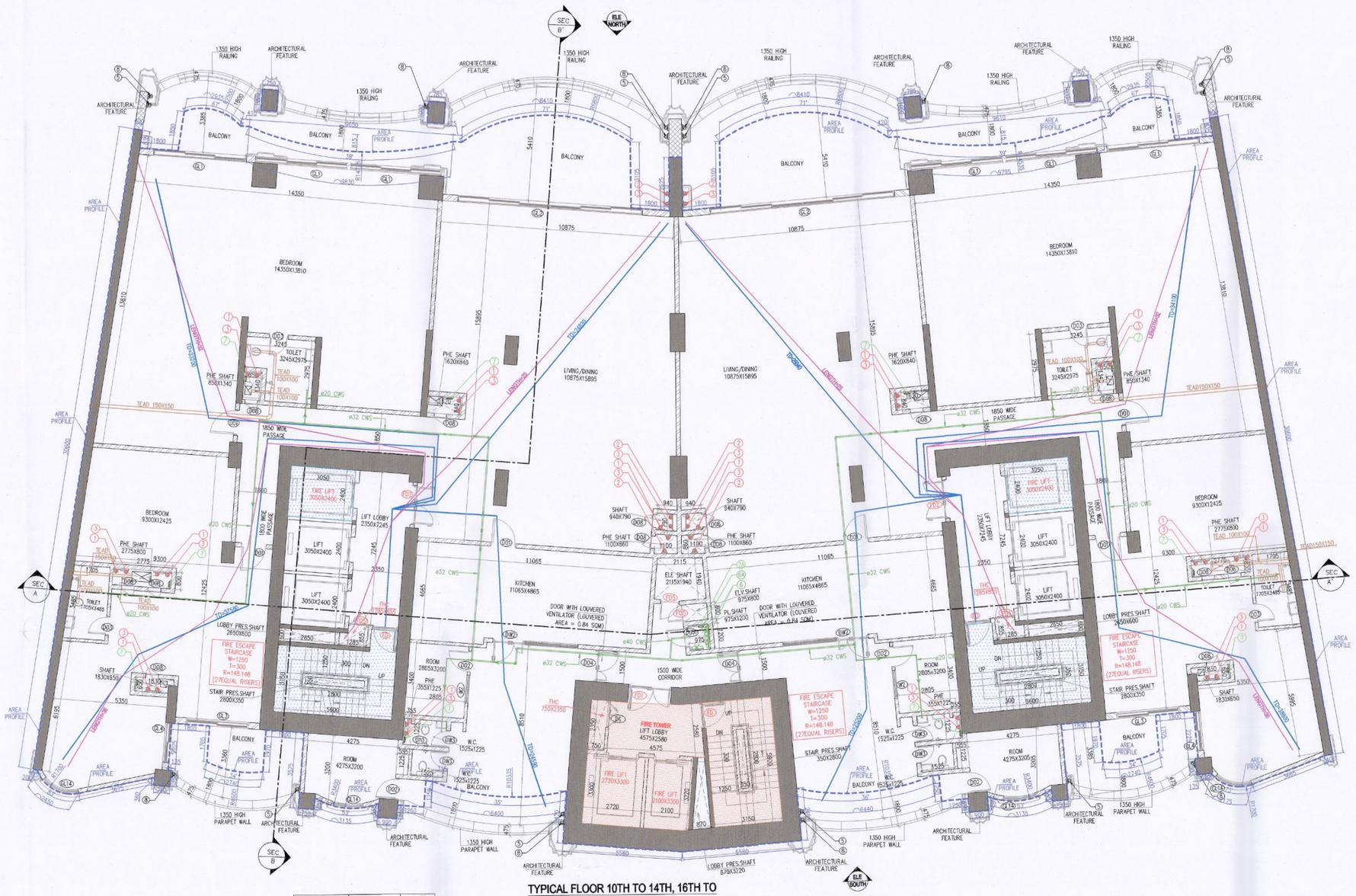
LEGEND :-		
	1	160ø SOIL & WASTE COMBINE PIPE
	2	160ø WASTE S/T PIPE
	3	160ø ANTISYPHONE PIPE
	5	160ø TERRACE RAIN WATER PIPE
	6	DOMESTIC WATER SUPPLY DOWNTAKE PIPE
	7	FLUSHING WATER SUPPLY DOWNTAKE PIPE
	8	160ø BALCONY RAIN WATER PIPE
	6A	DOMESTIC WATER SUPPLY RISER PIPE
	7A	FLUSHING WATER SUPPLY RISER PIPE
		KHURRA 650x650MM
		TOILET EXHAUST DUCT

DOOR / WINDOW SCHEDULE (TOWER-2)						
DOOR NAME	SIZE	CILL LVL	LINTEL LVL	LOCATION		FIRE RATED
D01	1200 X 2400		2400	BEDROOM /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	2000 X 2400		2400	STAIRCASE		
D06	1200 X 2300	100 MM	2400	FHC		
D07	900 X 2300	100 MM	2400	ELECTRICAL SHAFT		
D08	600 X 2300	100 MM	2400	PHE SHAFT		
D09	800 X 2300	100 MM	2400	ELV. SHAFT		
D10	1000 X 2300	100 MM	2400	FHC		
FD	1200 X 2700		2700	STAIRCASES		2 HRS
FD1	2000 X 2700		2700	SERVICE CORE LIFT LOBBY		2 HRS
FD2	1800 X 2850		2850	PASSENGER LIFT LOBBY		2 HRS
FD3	1500 X 2700		2700	REFUGE TERRACE		2 HRS
FD4	1200 X 2400		2400	ELE. ROOM (Ground Floor)		2 HRS
FD5	900 X 2100		2100	ELECT SHAFT		2 HRS
DW1	1200/2400 X 2700	1200 MM	2700	KITCHEN - REFUGE		
DW2	1500 X 2500/2100	1200 MM	2700	KITCHEN		
DW3	800X 2400			WC		
W2	1310 X 1500	900 MM	2400	ROOM		
W1	2060 X 900	1800 MM	2790	REFUGE FLOOR		2 HRS

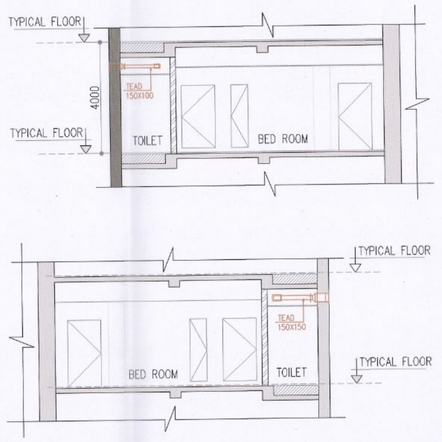
GLAZING SCHEDULE (APPLY GRADE 'B' SAFETY GLASS)	
GLAZING NAME	SIZE
GL1	4380 X 3050
GL2	8660 X 3050
GL3	2985 X 3050
GL4	1865 X 3050
GL8	1695 X 4000
GL9	6850 X 4000
GL10	3535 X 4000
GL11	2060 X 4000
GL12	12165 X 4000
GL13	6450 X 4000
GL14	1810 X 3750



TYPICAL FLOOR 10TH TO 14TH, 16TH TO 22ND & 24TH TO 26TH
TOWER-2

TYPICAL FLOOR	FLOOR LEVEL	UNITS
10th FLOOR	LVL+44.800	2
11th FLOOR	LVL+48.800	2
12th FLOOR	LVL+52.800	2
13th FLOOR	LVL+56.800	2
14th FLOOR	LVL+60.800	2
16th FLOOR	LVL+68.800	2
17th FLOOR	LVL+72.800	2
18th FLOOR	LVL+76.800	2
19th FLOOR	LVL+80.800	2
20th FLOOR	LVL+84.800	2
21st FLOOR	LVL+88.800	2
22nd FLOOR	LVL+92.800	2
24TH FLOOR	LVL+100.800	2
25th FLOOR	LVL+104.800	2
26th FLOOR	LVL+108.800	2
	TOTAL UNITS =	30

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



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.

TYPICAL FLOOR 10TH TO 14TH, 16TH TO 22ND & 24TH TO 26TH AREA CALCULATION										
GROSS – A										
1	0.5	X	4.190	+	4.125	X	0.400	=	1.663	SQM
2	0.5	X	3.295	+	3.135	X	1.800	=	5.778	SQM
3	0.5	X		2.770		X	4.980	=	6.904	SQM
4	0.5	X		5.810		X	4.220	=	7.415	SQM
5	0.5	X	4.225	+	4.050	X	2.050	=	8.585	SQM
6	0.5	X	4.050	+	3.810	X	6.470	=	24.476	SQM
7	0.5	X	3.810	+	3.295	X	1.800	=	6.617	SQM
8	0.5	X	3.295	+	3.295	X	3.550	=	20.040	SQM
9	0.5	X		1.800		X	0.150	=	0.135	SQM
10	1	X		0.600		X	1.035	=	1.615	SQM
11	0.5	X		1.800		X	0.150	=	0.135	SQM
12	0.5	X	3.295	+	3.350	X	7.885	=	26.040	SQM
13	0.5	X	3.350	+	3.510	X	1.885	=	9.466	SQM
14	0.5	X	3.510	+	4.055	X	6.545	=	24.756	SQM
15	0.5	X	4.055	+	4.225	X	2.015	=	8.343	SQM
16	0.5	X		4.225		X	3.510	=	7.415	SQM
17	0.5	X		2.770		X	4.885	=	6.904	SQM
18	0.5	X	3.135	+	3.285	X	1.800	=	5.773	SQM
19	0.5	X	4.125	+	4.190	X	0.400	=	1.663	SQM
20	1	X		0.795		X	1.000	=	1.570	SQM
21	0.5	X	52.345	+	60.425	X	0.200	=	1.128	SQM
22	0.5	X	2.130	+	2.185	X	0.200	=	0.430	SQM
23	0.5	X	3.185	+	3.275	X	1.855	=	5.093	SQM
24	0.5	X	3.275	+	2.665	X	3.550	=	10.356	SQM
25	0.5	X	2.175	+	2.225	X	1.813	=	1.353	SQM
26	1	X		0.750		X	0.750	=	0.563	SQM
27	0.5	X		1.800		X	0.150	=	0.135	SQM
28	0.5	X	1.855	+	2.345	X	2.885	=	5.660	SQM
29	0.5	X	0.375	+	0.525	X	1.800	=	0.810	SQM
30	0.5	X	4.100	+	4.185	X	0.750	=	3.099	SQM
31	0.5	X	3.810	+	3.900	X	1.035	=	11.309	SQM
32	1	X		0.900		X	0.650	=	0.585	SQM
33	0.5	X	3.915	+	4.095	X	2.150	=	8.611	SQM
34	0.5	X	2.845	+	2.870	X	1.915	=	5.401	SQM
35	0.5	X	2.873	+	3.405	X	6.300	=	19.781	SQM
36	0.5	X		5.580		X	5.675	=	15.835	SQM
37	0.5	X		5.140		X	6.325	=	16.256	SQM
38	0.5	X		5.325		X	6.075	=	16.174	SQM
39	0.5	X		5.580		X	5.880	=	16.405	SQM
40	0.5	X	3.400	+	2.875	X	6.330	=	19.876	SQM
41	0.5	X	2.875	+	2.845	X	0.310	=	0.887	SQM
42	0.5	X	4.095	+	3.915	X	2.150	=	8.611	SQM
43	0.5	X		0.900		X	0.650	=	0.293	SQM
44	0.5	X	3.900	+	3.610	X	3.025	=	11.309	SQM
45	0.5	X	4.165	+	4.100	X	0.750	=	3.099	SQM
46	0.5	X	0.525	+	0.375	X	1.800	=	0.810	SQM
47	0.5	X	1.855	+	2.345	X	2.895	=	5.660	SQM
48	0.5	X		1.800		X	0.150	=	0.135	SQM
49	1	X		0.135		X	0.750	=	0.101	SQM
50	0.5	X	2.975	+	2.830	X	0.550	=	1.624	SQM
51	0.5	X	2.830	+	3.485	X	1.905	=	6.110	SQM
52	0.5	X		3.530		X	1.310	=	2.315	SQM
53	0.5	X	2.175	+	2.200	X	3.535	=	7.733	SQM
54	0.5	X	2.200	+	2.130	X	0.400	=	0.864	SQM
							TOTAL	=	1732.689	SQM

DEDUCTION AREA										
GROSS – B										
x1	2	X		1.580		X	0.650	=	2.054	SQM
x2	2	X		0.290		X	0.280	=	0.145	SQM
x3	2	X		2.775		X	0.800	=	4.440	SQM
x4	2	X		0.850		X	1.340	=	2.278	SQM
x5	2	X		1.620		X	0.840	=	2.722	SQM
x6	8	X		3.000		X	2.400	=	43.920	SQM
x7	2	X		2.650		X	0.800	=	3.180	SQM
x8	2	X		0.400		X	0.800	=	0.480	SQM
x9	2	X		0.855		X	0.855	=	1.225	SQM
x10	2	X		0.885		X	0.300	=	0.531	SQM
x11	2	X		1.265		X	1.005	=	2.659	SQM
x12	2	X		5.600		X	3.150	=	35.280	SQM
x13	3	X		0.355		X	1.225	=	0.870	SQM
x14	0.5	X	1.010	+	0.840	X	0.785	=	0.765	SQM
x15	0.5	X	1.010	+	0.840	X	0.785	=	0.765	SQM
x16	2	X		0.145		X	0.835	=	0.271	SQM
x17	0.5	X		0.880		X	0.835	=	0.411	SQM
x18	0.5	X		0.880		X	0.835	=	0.411	SQM
x19	0.5	X		0.880		X	0.835	=	0.411	SQM
x20	0.5	X		0.860		X	0.855	=	0.411	SQM
x21	0.5	X		1.055		X	2.035	=	1.073	SQM
x22	0.5	X		1.225		X	1.840	=	1.188	SQM
x23	0.5	X		1.055		X	2.035	=	1.073	SQM
x24	0.5	X		1.225		X	1.840	=	1.188	SQM
x25	1	X		0.975		X	0.800	=	0.780	SQM
x26	1	X		0.975		X	1.200	=	1.170	SQM
x27	0.5	X	4.170	+	4.780	X	7.300	=	32.668	SQM
x28	0.5	X	4.170	+	4.780	X	7.300	=	32.668	SQM
							TOTAL	=	175.048	SQM

TOTAL TYPICAL (10TH TO 14TH, 16TH TO 22ND & 24TH TO 26TH) FLOOR ADDITIONAL AREA	=	GROSS – A	+	GROSS – A1	- GROSS – A2
	=	1732.689	+	22.425	- 10.691
GROSS – 1	=	1744.414	SQM		
TOTAL TYPICAL (10TH TO 14TH, 16TH TO 22ND & 24TH TO 26TH) FLOOR DEDUCTION AREA	=	GROSS – B			
GROSS – 2	=	175.048			
	=	175.048	SQM		
TOTALTYPICAL (10TH TO 14TH, 16TH TO 22ND & 24TH TO 26TH) FLOOR FAR AREA	=	GROSS – 1	-	GROSS – 2	
	=	1744.414		175.048	
	=	1569.366	SQM		

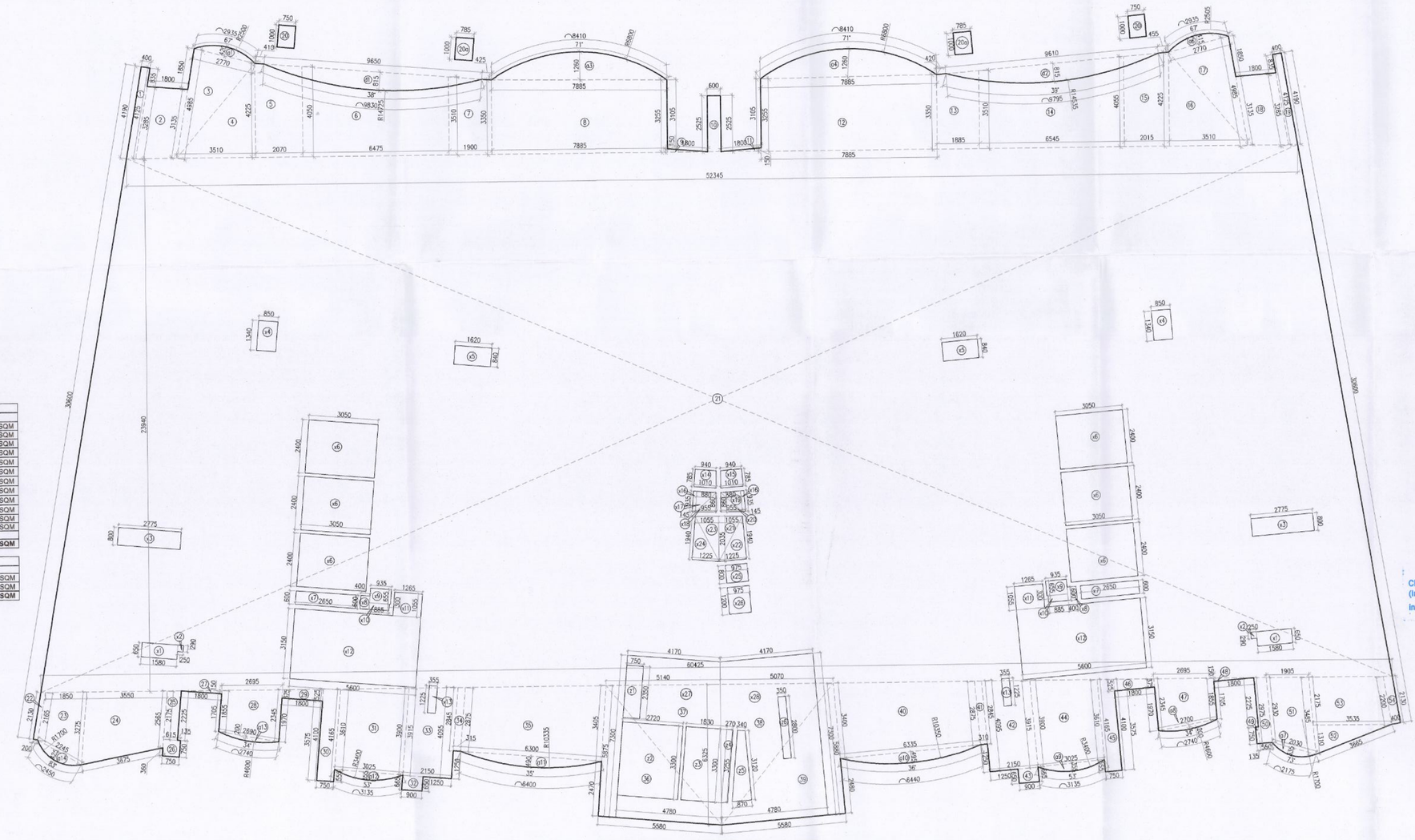
NON FAR AREA (ADDITION)										
GROSS –C										
x11	2	X		1.265		X	1.055	=	2.669	SQM
x12	2	X		5.600		X	3.150	=	35.280	SQM
x21	0.5	X		1.055		X	2.035	=	1.073	SQM
x22	0.5	X		1.225		X	1.940	=	1.188	SQM
x23	0.5	X		1.055		X	2.035	=	1.073	SQM
x24	0.5	X		1.225		X	1.940	=	1.188	SQM
x27	0.5	X	4.170	+	4.780	X	7.300	=	32.668	SQM
x28	0.5	X	4.170	+	4.780	X	7.300	=	32.668	SQM
							TOTAL	=	107.808	SQM

NON FAR AREA(DEDUCTION)										
GROSS –O										
x1	1	X		0.750		X	2.350	=	1.763	SQM
x2	1	X		2.720		X	3.300	=	8.976	SQM
x3	1	X		1.830		X	3.300	=	6.039	SQM
x4	0.5	X	3.300	+	3.255	X	0.270	=	0.885	SQM
x5	0.5	X	0.340	+	0.870	X	3.120	=	1.888	SQM
x6	1	X		0.350		X	2.800	=	0.980	SQM
							TOTAL	=	20.530	SQM

TOTAL NON FAR AREA OF TYPICAL (10TH TO 14TH, 16TH TO 22ND & 24TH TO 26TH) FLOOR	=	GROSS –O	-	GROSS –O	
	=	107.808	-	20.530	
	=	87.278	SQM		
TOTAL BUILTUP AREA OF TYPICAL (10TH TO 14TH, 16TH TO 22ND & 24TH TO 26TH) FLOOR	=	FAR AREA	+	NON FAR AREA	
	=	1569.366	+	87.278	
	=	1656.645	SQM		

ARC AREA	AREA CALCULATION (ADDITIONAL)																	
GROSS -A1																		
a1	3.14	X	2.500	X	2.500	X	67	/	360	-	0.5	X	2.500	-	0.420	X	2.770	=	0.772	SQM
a3	3.14	X	6.800	X	6.800	X	71	/	360	-	0.5	X	6.800	-	1.280	X	7.885	=	6.915	SQM
a4	3.14	X	6.800	X	6.800	X	71	/	360	-	0.5	X	6.800	-	1.280	X	7.885	=	6.915	SQM
a6	3.14	X	2.505	X	2.505	X	67	/	360	-	0.5	X	2.505	-	0.415	X	2.770	=	0.772	SQM
a7	3.14	X	1.700	X	1.700	X	73	/	360	-	0.5	X	1.700	-	0.335	X	2.030	=	0.455	SQM
a8	3.14	X	4.600	X	4.600	X	34	/	360	-	0.5	X	4.600	-	0.200	X	2.700	=	0.335	SQM
a9	3.14	X	3.400	X	3.400	X	53	/	360	-	0.5	X	3.400	-	0.355	X	3.025	=	0.738	SQM
a10	3.14	X	10.350	X	10.350	X	38	/	360	-	0.5	X	10.350	-	0.495	X	6.335	=	2.234	SQM
a11	3.14	X	10.335	X	10.335	X	35	/	360	-	0.5	X	10.355	-	0.490	X	6.300	=	1.533	SQM
a12	3.14	X	3.400	X	3.400	X	53	/	360	-	0.5	X	3.400	-	0.355	X	3.025	=	0.738	SQM
a13	3.14	X	4.600	X	4.600	X	34	/	360	-	0.5	X	4.600	-	0.200	X	2.690	=	0.307	SQM
a14	3.14	X	1.700	X	1.700	X	83	/	360	-	0.5	X	1.700	-	0.425	X	2.245	=	0.861	SQM
																	TOTAL	=	22.425	SQM

ARC AREA	AREA CALCULATION (DEDUCTION)																	
GROSS -A2																		
d1	3.14	X	14.725	X	14.725	X	38	/	360	-	0.5	X	14.725	-	0.815	X	9.850	=	4.750	SQM
d2	3.14	X	14.535	X	14.535	X	39	/	360	-	0.5	X	14.535	-	0.815	X	9.610	=	5.941	SQM
																	TOTAL	=	10.691	SQM



TYPICAL FLOOR 10TH TO 14TH, 16TH
TO 22ND & 24TH TO 26TH
TOWER-2

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) | JD. | P.A. | A.T.P.
JOINT (T) MEMBER BPAC
Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 223370 Dt. 14/08/2025
TO BE READ WITH THIS OFFICE MEMO NO.:- 41353 DATED :- 29-10-2025
Superintending Engineer (HQ) for Chief Engineer-I

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

Date : JULY.2025 | Scale : 1:100

Drawing Title:-
TYPICAL FLOOR PLAN
(10th to 14th,16th to 22nd & 24th to 26th)
& AREA CALCULATION
TOWER-02

Drawing No:-
T2-03

DLF5
03-12082025