Club area for occupancy calculation

Lower Ground floor

Sr. no	space	area (sq.mt)	Occupancy classification	Occupant load factor (sqm/person)	Specific area as applicable (in sqm)	Population Nos	Remarks
			Population calculation				
A	Office Zone						
1	Office Meeting room-1	37.81	Business	10		4	Occupant load factor considered as per Table 3 of NBC2016Part4'Fire and Life Safety'
2	Meeting room-2	56.65	Business	10		6	
3	Meeting room-3	56.66	Business	10		6	
4	Meeting room-4	23.79	Business	10		2	
5	Meeting room-5	41.9	Business	10		4	
6	Meeting room-6	71.69	Business	10		7	
7	Washroom T3	11.23	BOH	9.3		1	
8	Washroom T4	19.8	BOH	9.3		2	
9	Washroom T5	19.86	BOH	9.3		2	
10	corridor T3, T4	37.9	Business	10		4	
11	Print room	30.28	Storage	30		0	
12	Coworking garden	465.99	spied landscaped garden			0	
13	central water Garden open to sky	1012.01	spied landscaped garden			0	
14	Conference Room-1	98	Business	10		10	
15	Break out room-1	77.58	Business	10		8	
16	Conference Room-2	103.9	Business	10		10	
17	Break out room-2	66	Business	10		7	
18	Business center Reception	173.57	Business	10		17	
19	Coworking Café	227.45	Assembly	1.8	159.215	88	70% considered for Dining
20			Kitchen	9.3	68.235	7	30% considered for kitchen
21	Lower Ground Lobby	591.22	Business	10		59	
22	Lobby/ Corridor	134.5	Business	10		13	
23	BOH (Mechanical)	90.38	BOH	9.3		10	
24	Corridor	16.6	Business	10		2	
25	BOH Pantry	106	Kitchen	9.3		11	
26	Electrical	34.78	BOH	9.3		4	
	Subtotal 1	3428.17				285	
B	Performance theater						
1	Theater	587.2	Assembly	Number of seats x1.2	158	190	Number of seats in the theatre are 158
2	Pre-function	84.87	Assembly			79	50% of seats taken as waiting population
3	Corridor	137.8	led in theater population load			0	
4	Male/ Female Toilet	110.8	led in theater population load			0	
5	Electrical Room	52.6	led in theater population load			0	
	Subtotal 2	973.27				269	
C	Games						
1	Cigar lounge	51.34	Assembly	1.4		37	Occupant load factor considered as per Table 3 of NBC2016Part4'Fire and Life Safety'
2	Cigar Cellar	113.54	Assembly	1.4		81	
3	Toilet T7	16.71	Assembly	1.4		12	
4	Sports bar	186.71	Assembly	1.8	130.697	73	70% considered for Dining
5			Kitchen	9.3	56.013	6	30% considered for kitchen
6	Karaoke-1	30.03	Assembly	1.4		21	
7	Karaoke-2	19.06	Assembly	1.4		14	
8	Karaoke-3	31.37	Assembly	1.4		22	
9	Karaoke-Corridor	67.12	Assembly	1.4		48	
10	Corridor	26.3	Assembly	1.4		19	
11	Games Zone	413.78	Assembly	1.4		296	
12	TT area	58.91	Assembly	1.4		42	
13	BOH (Bakery, Commissary, Kitchen)	354.8	Kitchen	9.3		38	Occupant load factor considered as per Table 7.3.1.2 of NFPA101 'Life Safety Code'
14	Entertainment Garden	202.37	spied landscaped garden			0	
15	Card Room - 1 & 2	60.62	Assembly	1.4		43	
16	Corridor	42.09	Assembly	1.4		30	
17	Dart Wall	35.4	Assembly	1.4		25	
18	store	37.97	Storage	30		1	
19	Bowling and Shoe Rental	65.33	BOH	9.3		7	
20	VR Sports	55.35	Fitness centre with equipment	4.6		12	
	Subtotal 3	1869				827	
D	Restaurant						
1	Whiskey bar	81.17	Assembly	1.8	56.819	32	70% considered for Dining
2			Kitchen	9.3	24.351	3	30% considered for kitchen
3	garden sitting	Not occupied landscaped garden				0	
4	Wine Cellar	36.78	Storage	30		1	
5	pop-up restaurant	104.46	Assembly	1.8	73.122	41	70% considered for Dining
6			Kitchen	9.3	31.338	3	30% considered for kitchen
7	Pantry	10.45	Kitchen	9.3		1	Occupant load factor considered as per Table 7.3.1.2 of NFPA101 'Life Safety Code'
8	BOH-1	200.17	Kitchen/BOH	9.3		22	
9	grade Manager	58.52	Business	10		6	
10	POR-1	191.02	Assembly	1.8	133.714	74	70% considered for Dining
11			Kitchen	9.3	57.306	6	30% considered for kitchen
12	POR-2	77.08	Assembly	1.8	53.956	30	70% considered for Dining
13			Kitchen	9.3	23.124	2	30% considered for kitchen
14	POR Lobby	196.4	Assembly	1.8		109	
15	Washroom-1 T11	4.68	BOH	9.3		1	
16	Washroom-2 T13	9.06	BOH	9.3		1	
17	Male/ Female Toilet T12	117.98	BOH	9.3		13	
18	Main restaurant	226.79	Assembly	1.8	158.753	88	70% considered for Dining
19			Kitchen	9.3	68.037	7	30% considered for kitchen
20	Restaurant - 1	94.88	Assembly	1.8	66.416	37	70% considered for Dining
21			Kitchen	9.3	28.464	3	30% considered for kitchen
22	Restaurant - 2	98.49	Assembly	1.8	68.943	38	70% considered for Dining
23			Kitchen	9.3	29.547	3	30% considered for kitchen
24	Restaurant - 3	93.96	Assembly	1.8	65.772	37	70% considered for Dining
25			Kitchen	9.3	28.188	3	30% considered for kitchen
26	Toilet T8	14.81	BOH	9.3		2	
27	Toilet T9	20.87	BOH	9.3		2	
28	Toilet T10	2.93	BOH	9.3		0	
29	Restaurant Reception	94.04	Assembly	1.8		19	
30	Pantry	14.86	Kitchen	9.3		2	
31	Party Grden Open to Sky	90.92	spied landscaped garden			0	
32	Corridor - 1 (Toilets)	7.06	BOH	9.3		1	
33	Corridor - 1 (Party Garden)	85.53	Assembly	1.4		61	
34	Male/ Female Toilet T2	94	BOH	9.3		10	
35	BOH (Satelite Kitchen, mechanical room, electrical room)	322.87	Kitchen	9.3		35	Occupant load factor considered as per Table 7.3.1.2 of NFPA101 'Life Safety Code'
36	Party Suite	120.85	Assembly	1.4		86	
37	Director's Screening Room	63.15	Assembly	1.4	As per seating Plan	12	No. of seats as shown in Plan.
38	Theater	117.69	Assembly	1.4	As per seating Plan	35	
39	Toilet T15	4.6	BOH	9.3		0	
40	Beverage Store, Ice store	79.9	Storage	30		3	
	Subtotal 4	2678.97				794	
E	Party Hall/Banquet						Occupant load factor considered as per Table 3 of NBC2016Part4'Fire and Life Safety'
1	hall Passage	57.92	Assembly	1.4		41	
2	Pre function area	382.67	Assembly	1.4		273	
3	Alfresco	168.42	Assembly	1.8		94	
4	Corridor T1	8.87	BOH	9.3		1	
5	Male/ FemaleToilet T1	119.6	BOH	9.3		13	
6	Bridal suite	76.09	Assembly	1.4		54	
7	Bridal suite toi.	15.23	BOH	9.3		2	
8	Ball room	955.35	Assembly	1.4		683	
9	Pre-Function	382.67	Assembly	1.4		273	
10	Contdor	185.35	BOH	9.3		20	
11	Verendah	404.87	BOH	9.3		44	
12	Ball Room Mechanical Room	67.69	BOH	9.3		7	
13	Ball Room Entry	90.99	Assembly	1.4		65	
14	Green Room	28.53	BOH	9.3		3	
15	Green Room T15	4.66	BOH	9.3		1	
16	Male/ Female Toilet T14	140.41	BOH	9.3		15	
17	Service area (Satelite Kitchen)	116.84	Kitchen	9.3		13	
	Subtotal 5	3206.42				1,601	

Club area for occupancy calculation

Lower Ground floor

Sr. no	space	area (sq.mt)	Occupancy classification	Occupant load factor	Specific area as applicable (in sqm)	Population	Remarks
			Population calculation				
F	North gallery						
1	North gallery	260.51	Fitness centre with equipment	4.6		57	Occupant load factor considered as per Table 7.3.1.2 of NFPA101 'Life Safety Code'
2	E- sports corridor	117.89		4.6		26	
3	E sports-1	50.9		4.6		11	
4	E sports-2	30.76		4.6		7	
5	E sports-3	36.99		4.6		8	
6	E sports-4	28.28		4.6		6	
7	E-sports- expansion	157.46		4.6		34	
8	Male/ Femal Toilet T17	116.68	BOH	9.4		83	
9	North lift Lobby	29.21	Fitness centre with equipment	4.6		6	
10	Snack Counter	16.79	Assembly	1.8		9	
11	Snack Counter lobby	68.75	Assembly	1.8		38	
	Subtotal 6	914.29				286	
G	Central library						
1	Library lounge	360.83	Fitness centre with equipment	4.6		78	Occupant load factor considered as per Table 7.3.1.2 of NFPA101 'Life Safety Code'
2	Library toi T19	58.6	BOH	9.3		6	
3	BOH Pantry	19.8	Kitchen	9.3		2	
4	Service Room	57.88	BOH	9.3		6	
5	Toilet T18	6.54	BOH	9.3		1	
6	Corridor	8.6	Fitness centre with equipment	4.6		2	
7	Corridor (learning Zone)	37.7	Fitness centre with equipment	4.6		8	
8	game room	65.6	Fitness centre with equipment	4.6		14	
9	early learning and kids zone	504.89	Fitness centre with equipment	4.6		110	
10	Corridor	50.25	Fitness centre with equipment	4.6		11	
11	Beauty retail	39.31	Fitness centre with equipment	4.6		9	
12	saloon lobby	36.54	Fitness centre with equipment	4.6		8	
13	Beauty Saloon	302.98	Fitness centre with equipment	4.6		66	
14	Wash Area	19.72	BOH	9.3		2	
15	Facial - 1	15.15	Fitness centre with equipment	4.6		3	
16	Facial - 2	19.71	Fitness centre with equipment	4.6		4	
17	Toilet (Beauty Saloon)	10.09	BOH	9.3		1	
18	Admin Area	19.75	Business	10		2	
19	Barber Shop	69.77	Fitness centre with equipment	4.6		15	
20	Store	149.38	Storage	30		5	
	Subtotal 7	1788.47				354	
H	South (Sports)						
1	South Gallery	180.15	Fitness centre	4.6		39	Occupant load factor
2	South Lobby	29.19	Fitness centre	4.6		6	
3	Consult	52.17	Business	10		5	
4	Physical Therapy Room	51.02	Fitness centre	4.6		11	
5	UPE Lobby	17.44	Assembly	1.4		12	
6	Proposed Electrical Room	41.01	BOH	9.3		4	
7	Fitness Studio - 1	74.12	Fitness centre	4.6		16	
8	Fitness Studio - 2	26.38	with	4.6		6	
9	Fitness Studio - 3	96.42	with	4.6		21	
10	Fitness Studio - 4	184.87	Fitness centre	4.6		40	
11	Mechanical room (FC)	124.55	BOH	9.3		13	
12	Toilet T27	14.45	BOH	9.3		2	
13	Corridor (T27)	23.91	Fitness centre	4.6		5	
14	Lobby (Fitness center)	153.23	Fitness centre	4.6		33	
15	Health Café	215.35	Assembly	1.8		120	
16	Health Café Kitchen	141.33	Kitchen	9.3		15	
17	Private Studio	50.78	Fitness centre	4.6		12	
18	Corridor (Health Café)	106.52	Fitness centre	4.6		23	
19	Yoga Studio	95.88	Fitness centre	1.4		68	
20	Fitness center	940.1	Fitness centre	4.6		204	
21	Lap Pool (Deck)	279.25	Pool deck	1.4		197	
22	Lap Pool (Pool)	208.36	Swimming	2.7		77	Occupant load factor
23	Electrical Room	14.71	BOH	9.3		2	
24	Male/ Female Toilet T23	151.76	BOH	9.3		15	
25	Sports Court (tennis Court, picket	3294.79	As/actual	20		165	
26	Futsal Lobby	171.05	Fitness centre	4.6		36	
27	Squash	61.01	As/actual	4		15	
28	Futsal	538.62	As/actual	10		54	
29	Basket ball court	633.64	As/actual	10		63	
30	Futsal Corridor	52.6	Fitness centre	4.6		11	
31	Toilet (Futsal)	6.57	BOH	9.3		1	
32	BOH (Mechanical Rm)	25.87	BOH	9.3		3	
33	Corridor (FC to Staircase)	16.22	Fitness centre	4.6		4	
	Subtotal 8	7772.06				1,383	
1	SPA treatment area						
1	Men SPA	360.83	Fitness centre	4.6		78	Occupant load factor
2	SPA GARDEN	76.24	spied landscaped garden			0	
3	SPA ROOM-1	32.95	Fitness centre	4.6		7	
4	SPA ROOM-2	14.7	Fitness centre	4.6		3	
5	SPA ROOM-3	13.14	Fitness centre	4.6		3	
6	MEN CHANGING ROOM & SHOWER	45.33	BOH	9.3		5	
7	SPA LOBBY	63	Fitness centre	4.6		20	
8	Treatment room - 1 and Toilet T28	30.71	BOH	9.3		3	
9	SPA Corridor(SPA lounge)	20.11	Fitness centre	4.6		4	
10	Corridor(treatment room)	35.75	Fitness centre	4.6		8	
11	CoupleTreatment room - 1 & T29	61.77	Fitness centre	4.6		13	
12	CoupleTreatment room - 2 & T29	61.75	Fitness centre	4.6		13	
13	Treatment room - 3 & T22	32.03	Fitness centre	4.6		7	
14	Corridor (Treatment Room)	127.5	Fitness centre	4.6		28	
15	Corridor (Spa)	65.28	Fitness centre	4.6		14	
16	Mechanical room	64.13	BOH	9.3		7	
17	SPA BOH	36.27	BOH	9.3		4	
18	SPA Garden (Men)	27.04	spied landscaped garden			0	
19	Ayurveda Room & T26	32.03	Fitness centre	4.6		7	
20	Ayurveda Room & T26	32.03	Fitness centre	4.6		7	
21	Ayurveda Room & T26	32.03	Fitness centre	4.6		7	
22	SPA Lounge	30.32	Fitness centre	4.6		7	
23	SPA Reception	65.76	Fitness centre	4.6		14	
24	Toilet T27	28.88	BOH	9.3		3	
25	Corridor (Spa)	23.18	Fitness centre	4.6		5	
26	Hammam Room	20.85	Fitness centre	4.6		5	
27	Sauna Room 1 and 2	25.67	Fitness centre	4.6		6	
28	Toilet T25	15.08	BOH	9.3		2	
29	Women SPA ROOM-1	32.95	Fitness centre	4.6		7	
30	Women SPA ROOM-2	14.7	Fitness centre	4.6		3	
31	Women SPA ROOM-3	13.14	Fitness centre	4.6		3	
32	SPA Garden (Women)	26.25	spied landscaped garden			0	
33	Women SPA	304.06	Fitness centre	4.6		66	
34	Women Changing Room	520.42	BOH	9.3		56	
35	Lobby with change rooms	42.9	BOH	9.3		4	
36	SPA Lobby	33.29	Fitness centre	4.6		7	
37	SPA Admin	37.92	BUSINESS	10		4	
38	Consult	17.52	BUSINESS	10		2	
39	Treatment room - 1	33.19	Fitness centre	4.6		7	
40	Treatment room - 2	35.17	Fitness centre	4.6		8	
41	Treatment room - 3	38.95	Fitness centre	4.6		8	
42	Dynamic Room	22.53	Fitness centre	4.6		5	
43	Corridor (Spa expansion)	26.49	Fitness centre	4.6		6	
44	Mens SPA Expansion	174.96	Fitness centre	4.6		38	
45	SPA BOH	220.02	BOH	9.3		24	
46	Male Locker	208.8	BOH	9.3		23	
47	3rd party Locker	216.36	BOH	9.3		23	
	Subtotal 9	3571.77				575	
	Total LGF population (excluding BOH below)					6,274	

Upper Ground floor

Sr. no	space	area (sq.mt)						Occupant load factor considered as per Table 3 of NBC2016Part4'Fire
A	Entrance lobby and hill top restaurant						311	
1	Pavilion	434.86	Assembly	1.4	142.163		79	70% considered for Dining
2	Hill top Restaurant	203.09	Assembly	1.8	60.927		7	30% considered for kitchen
3			Kitchen	9.3			1	Occupant load factor
4	Corridor Toilet	13.72	BOH	9.3			1	
5	Store	30.49	STORAGE	30			1	
6	Toilet	6.85	BOH	9.3			1	
	Subtotal	689.01					399	

Mezzanine level

Sr. no	space	area (sq.mt)					
A	treatment rooms						
1	treatment rooms-1	49.61	Fitness centre	4.6		11	Occupant load factor
2	treatment rooms-2	49.61	Fitness centre	4.6		11	
3	treatment rooms-3	49.61	Fitness centre	4.6		11	
4	treatment rooms-4	49.61	Fitness centre	4.6		11	
5	treatment rooms-5	49.61	Fitness centre	4.6		11	
6	treatment rooms-6	42.1	Fitness centre	4.6		9	
7	treatment rooms-7	46.91	Fitness centre	4.6		10	
8	treatment rooms-8	47.32	Fitness centre	4.6		10	
9	treatment rooms-1	50.88	Fitness centre	4.6		11	
10	Toilet T6	26.16	BOH	9.3		3	
11	passage-1	41.47	Fitness centre	4.6		9	
12	passage-2	153.63	Fitness centre	4.6		33	
13	BOH	237.4	BOH	9.3		26	
14	running track	2888.17	Fitness centre	4.6		628	
	Subtotal Mezzanine 1	3782.09				793	
B	Fitness Center						
a	Fitness Studio (1 to 5)	328.09	Fitness centre	4.6		71	Occupant load factor
b	Admin	52.16	Business	10		5	
c	Corridor	186.46	Fitness centre	4.6		41	
d	Toilet T5	46.88	BOH	9.3		5	
	Subtotal Mezzanine 2	614.19				122	
C	Club and Party Area						
1	Party Suite and T4	78.47	Assembly	1.4		56	Occupant load factor
2	Party Suite 1 & 2	388.15	Assembly	1.4		277	
3	Corridor party Suite	26.21	Assembly	1.4		19	
4	Cafe	156.79	Assembly	1.8	109.753	61	70% considered for Dining
5			Kitchen	9.3	47.037	5	30% considered for kitchen
6	club house lobby	357.52					
7	Male/ Female Toilet	96.71					
8	Wine Bar	226.15	Assembly	1.8	158.305	88	70% considered for Dining
9			Kitchen	9.3	67.845	7	30% considered for kitchen
10	Satelite Kitchen	190.17	Kitchen	9.3		20	Occupant load factor
11	Toilet T2	26.23	BOH	9.3		3	
	Subtotal Mezzanine 3	1546.4				537	
	Total mezzanine	9836.07				1,452	

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. BUILDING IS ARTIFICIALLY LIGHTENED MECHANICALLY VENTILATED & CENTRALLY AIR CONDITIONED WITH POWER BACKUP.
4. MSL /±00 CONSIDERED AS 249.200MSL
5. ALL DIMENSION ARE IN MM UNLEASS NOTED OTHERWISE.

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)

J.D. | P.A. | A.T.P.

Ram Avtar Bassi JD(HQ)

DDTP(HQ) Member BPAC

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 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

Ar. Ravinder Kumar
CA/2012/55971

OWNER'S SEAL & SIGNATURE

AUGUST-2024 | Scale : 1:150

Drawing Title:- "BLOCK 9, UNIT1" (CLUB HOUSE) (OCCUPANT LOAD CALCULATION)

Drawing No:- T9-01D

DLF5