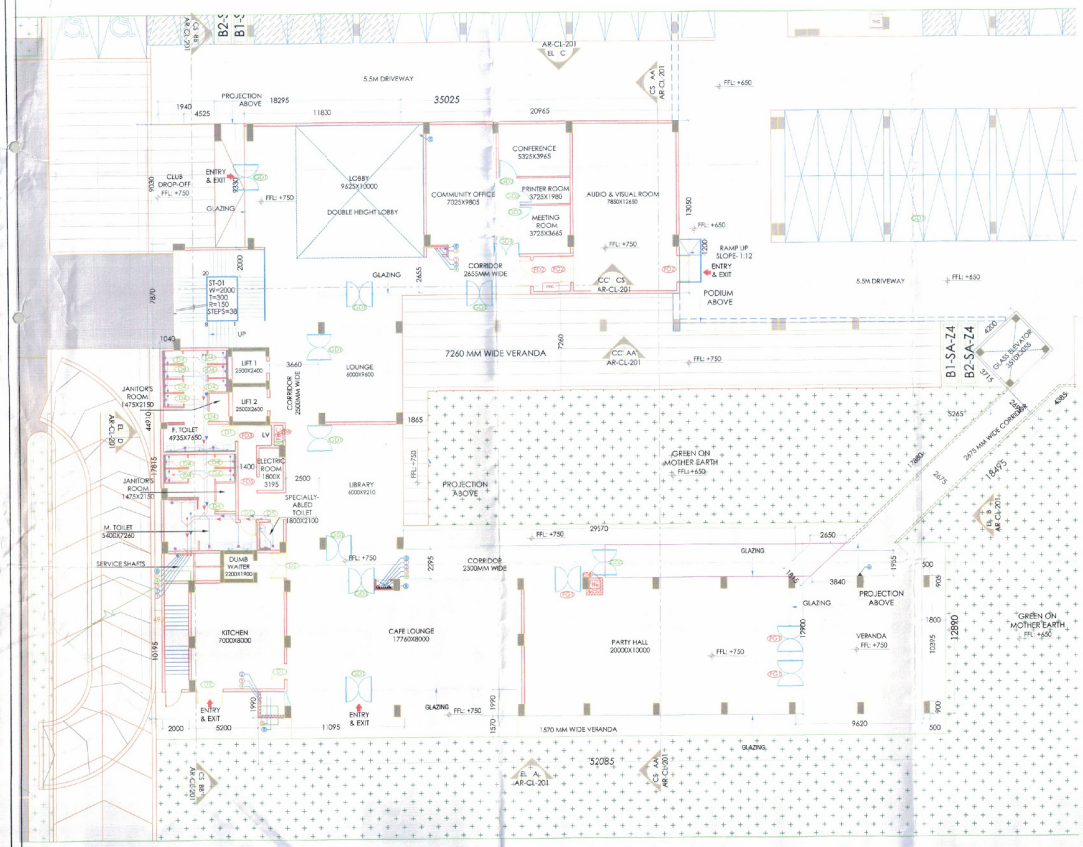
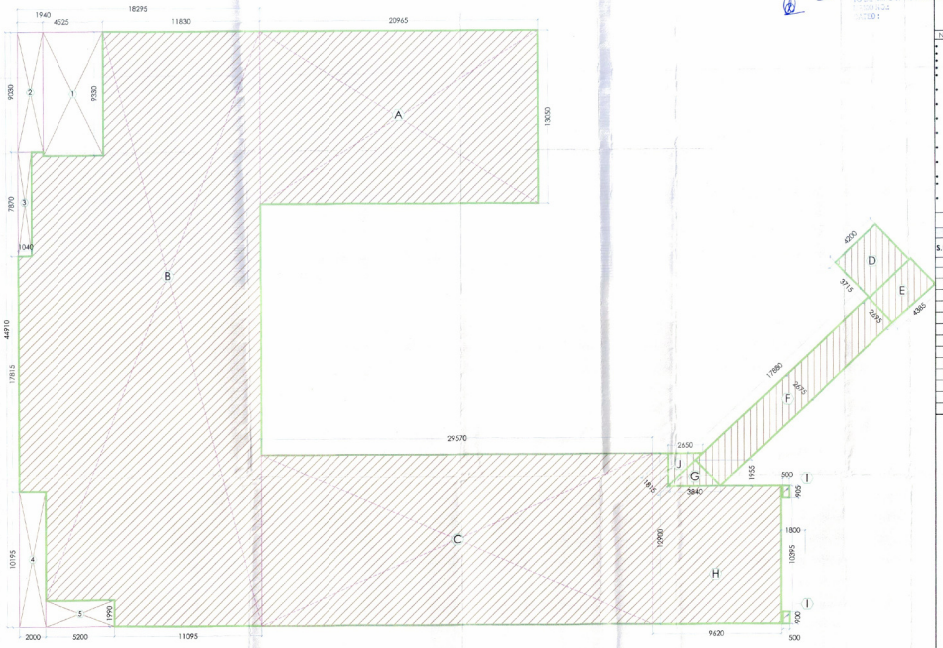
TOWER PLANS, 100.dwg



STILT/GROUND FLOOR PLAN
SCALE 1:150



STILT/GROUND FLOOR F.A.R.
SCALE 1:150

Checked and found ok for Public Health (Internal) Service only subject to compliance of conditions in forwarding letter No. 215/498 Dt. 04/8/23

Consultant Architect

SANCTIONED TO BE READ WITH THIS OFFICE O.M. No. CCP/2022/0001

DTP (HQ) STP (HQ) STP (HQ) STP (HQ) STP (HQ) BPAC BPAC BPAC BPAC

KEY PLAN

ATP(HQ) DDA Member BPAC (Dinesh Kumar) PA(HQ)

NOTES

- HKV System is being provided.
- Full DG power back up is being provided.
- Toilets are mechanical ventilated.
- All lifts shall have 100% power back-up.
- All electrical installations shall be as per provision of NBC.
- Fire fighting/safety provisions will be as per relevant nbc provisions.
- Basement area shall have mechanically ventilated as per relevant code.
- All toilets are ventilated as per haryana building code 2017.
- Building has automatic sprinkler system wherever required by nbc.
- Building will be designed (structures) as per relevant I.s. codes for earthquake resistance.
- Solar panels of required capacity shall be provided on roof top as per harera/gbpra norms.
- All handicap ramps with railing.
- All fire fighting installations shall be as per provision of nbc.
- The rainwater harvesting system shall be provided as per central ground water auth.norms.

DOOR/WINDOW SCHEDULE (CLUB)

S.NO.	DOOR TAGS	WIDTH	LINTEL	CILL	FIRE RATINGS
DOORS					
1	GD1	2000	2400	0	
2	GD3	900	2400	0	
3	GD4	2500	2400	0	
4	D1	1200	2400	0	
5	D2	2000	2400	0	
6	D3	1250	2400	0	
7	FD2	2000	2400	0	2 hrs
8	FD3	1500	2400	0	2 hrs
9	FD4	900	2400	0	2 hrs
10	FD5	1000	2400	0	2 hrs
11	FD1	2000	2400	0	2 hrs
12	D4	800	2400	0	
13	D5	1200	2400	0	

CLIENT
Godrej Properties Ltd.
Unit No. 5a,5th Floor, Godrej One, Pirojshanagar, Vikhroli East, Mumbai - 400079

STRUCTURE CONSULTANT
Gokani Consultants & Engineers LLP
801,Quantum Tower, Rambaug Lane, Off S.V. Road, Chincholi, Malad (West), Mumbai-400064
(Landmark- SBI Bank & HP Petrol Pump)
T: 022-2688-4400

ARCHITECT
Arcop Associates Pvt. Ltd.
Plot- 368, Sec-32, Gurgaon-122001
Ph.: 2624090, 2624769
Montreal, Toronto, New-Delhi, Boston

PROJECT
PROPOSED LAYOUT PLAN OF GROUP HOUSING COLONY UNDER TOD OVER AN AREA MEASURING 9.56875 ACRES (99.5% RESIDENTIAL AND 0.5% COMMERCIAL) IN REVENUE ESTATE OF VILLAGE GHASOLA, TAHSIL BADSHAHPUR,SECTOR 69, GURUGRAM-GODREJ PROPERTIES LTD.
L.C. NO. 147 of 2023 DATED 18.07.2023

ARCHITECT'S SIGNATURE
Ashu, Architect
Council of Architecture
Registration No.: CA/2007/40332

OWNER'S SIGNATURE
For Godrej Properties Ltd.
Authorised Signatory

DRAWING TITLE: CLUB STILT/GROUND FLOOR PLAN AND AREA DIAGRAM

DRAWING NO.: AR-CL-101

CLUB- OCCUPANT LOAD CALCULATION

NOTE: MALE POPULATION IS CONSIDERED 40% & FEMALE POPULATION IS CONSIDERED 40%
FIXTURE COUNT AS PER UNIFORM ILLUSTRATED PLUMBING CODE INDIA 2017

GROUND FLOOR

NO.	SPACE	AREA	OCCUPANT LOAD-C+ A/F (NOS)		MALE POPULATION	FEMALE POPULATION	REQUIRED WC FOR GENTS	REQUIRED WASH BASIN FOR GENTS	REQUIRED URINALS FOR GENTS	REQUIRED WC FOR LADIES	REQUIRED WASH BASIN FOR LADIES	REQUIRED Drinking Water Fountain
		A (SQM)			Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.
1	RESTAURANT	143.63	80	80	40	32	1	2	1	2	2	1
3	Gross Area	591.58	400	601	241	241	3	2	3	5	4	
TOTAL REQUIRED IS SCHEME							4	3	4	7	5	
TOTAL PROVIDED - IS SCHEME							4	3	4	7	5	

FIRST FLOOR

NO.	SPACE	AREA	OCCUPANT LOAD-C+ A/F (NOS)		MALE POPULATION	FEMALE POPULATION	REQUIRED WC FOR GENTS	REQUIRED WASH BASIN FOR GENTS	REQUIRED URINALS FOR GENTS	REQUIRED WC FOR LADIES	REQUIRED WASH BASIN FOR LADIES	REQUIRED Drinking Water Fountain
		A (SQM)			Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.
4	Gross Area	827.61	1.4	591	355	236	3	3	3	5	4	
TOTAL PROVIDED IS SCHEME							3	3	3	5	4	

SECOND FLOOR

NO.	SPACE	AREA	OCCUPANT LOAD-C+ A/F (NOS)		MALE POPULATION	FEMALE POPULATION	REQUIRED WC FOR GENTS	REQUIRED WASH BASIN FOR GENTS	REQUIRED URINALS FOR GENTS	REQUIRED WC FOR LADIES	REQUIRED WASH BASIN FOR LADIES	REQUIRED Drinking Water Fountain
		A (SQM)			Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.
5	Gross Area	932.97	1.4	666	400	267	3	3	3	6	4	
TOTAL PROVIDED IS SCHEME							4	4	5	8	5	

THIRD FLOOR

NO.	SPACE	AREA	OCCUPANT LOAD-C+ A/F (NOS)		MALE POPULATION	FEMALE POPULATION	REQUIRED WC FOR GENTS	REQUIRED WASH BASIN FOR GENTS	REQUIRED URINALS FOR GENTS	REQUIRED WC FOR LADIES	REQUIRED WASH BASIN FOR LADIES	REQUIRED Drinking Water Fountain
		A (SQM)	C		Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.
6	Gross Area	941.05	1.4	672	403	269	3	3	3	6	4	
TOTAL PROVIDED IS SCHEME							4	4	6	8	4	

STAIRCASE CALCULATION (AS PER GROSS AREA)

CLUB - GROUND FLOOR	GROSS AREA (SQ.M.)	POPOULATION	STAIRCASE WIDTH REQUIRED (MM)	STAIRCASE WIDTH PROPOSED (MM)
RESTAURANT-01.B SQ.M. PP	143.63	79.79		
CINEMA B 1,2 SQ.M. PP	19.28	55.16		
OTHER 01.6 SQ.M. PP	742.60	530.43		
TOTAL POPULATION:	986	665	6653.785714	9500
CLUB - FIRST FLOOR	**GROSS AREA (SQ.M.)**		**STAIRCASE WIDTH REQUIRED (MM)**	**STAIRCASE WIDTH PROPOSED (MM)**
	827.61			
TOTAL POPULATION:	591		5911.5	9900
CLUB - SECOND FLOOR	**GROSS AREA (SQ.M.)**		**STAIRCASE WIDTH REQUIRED (MM)**	**STAIRCASE WIDTH PROPOSED (MM)**
	932.97			
TOTAL POPULATION:	666		6664.071429	7000
CLUB - THIRD FLOOR	**GROSS AREA (SQ.M.)**		**STAIRCASE WIDTH REQUIRED (MM)**	**STAIRCASE WIDTH PROPOSED (MM)**
	941.05			
TOTAL POPULATION:	672		6721.7857-4	7000

LEGEND/ABBREVIATIONS

S.No.	SYMBOL	TAG	DESCRIPTION
(1)		(1)	110-DC HOLE PIPE
(2)		(2)	110-DC WASTE PIPE
(3)		(3)	110-DC WASTE PIPE (FLUSH)
(4)		(4)	FIRE-HYDRANT-NOZ-(FR)
(5)		(5)	DOMESTIC WATER SUPPLY PIPE FOR 25.50 GR.R.
(6)		(6)	DOMESTIC WATER SUPPLY PIPE FOR 15.50 GR.R.
(7)		(7)	DOMESTIC WATER SUPPLY PIPE FOR TOP TIVE R.
(8)		(8)	PLUMBING WATER SUPPLY PIPE 32.10 GR.R.
(9)		(9)	PLUMBING WATER SUPPLY PIPE 15.10 GR.R.
(10)		(10)	100 SQMM RAIN WATER PIPE FOR TERRACE
(11)		(11)	110 DC SOIL/AIR PIPE FOR BALCONY
(12)		(12)	DOMESTIC WATER PIPE
(13)		(13)	PLUMBING WATER PIPE
(14)		(14)	FD FLOOR DRAIN
(15)		(15)	FT FLOOR TRAP
(16)		(16)	S.D. 50mm OUTLET
(17)		(17)	DRAIN FOR BALCONY
(18)		(18)	BFV BUTTERFLY VALVE
(19)		(19)	T.S. TRAP

PIPE SCHEDULE

S.No.	PIPE DIA	DESCRIPTION
(1)	40Ø	WASH BASIN TO FLOOR TRAP
(2)	20Ø	S-WC TO FLOOR TRAP
(3)	50Ø	URINAL TO URINAL TRAP
(4)	65 Ø	FLOOR DRAIN TO FLOOR TRAP
(5)	110 Ø	FLOOR TRAP TO VERTICAL STACK
(6)	110 Ø	WATER CLOSET TO VERTICAL STACK
(7)	110 Ø	BALCONY DRAIN TO VERTICAL STACK

TOTAL F.A.R. OF CLUB	AREA (SqM)
ADDITIONS	
TOTAL F.A.R AT STILT/GROUND FLOOR FAR	1557.547
TOTAL F.A.R AT FIRST FLOOR FAR	1245.949
TOTAL F.A.R AT SECOND FLOOR FAR	1038.539
TOTAL F.A.R AT THIRD FLOOR FAR	268.721
TOTAL ADDITIONS	4110.756

CLUB (STILT/GROUND FLOOR FAR

NO.	WIDTH (W)	LENGTH (L)		NOS.	AREA (SqM)
ADDITIONS					
A	20.965	13.055		1	273.698
B	18.295	44.910		1	821.628
C	29.570	12.900		1	381.453
D	4.200	3.715		1	15.603
E	2.695	4.385		1	11.818
F	17.880	2.675		1	47.829
G	3.840	1.955	0.5	1	3.734
H	9.620	10.395		1	100.000
I	0.500	0.900		1	0.450
J	2.650	1.815	0.5	1	2.405
TOTAL ADDITIONS					1656.233
SUBTRACTIONS					
1	4.525	9.330		1	42.218
2	1.940	9.030		1	17.518
3	1.040	7.870		1	8.185
4	2.000	10.195		1	20.390
5	5.200	1.995		1	10.374
TOTAL SUBTRACTIONS					98.685
TOTAL STILT/ GROUND FLOOR FAR					1557.547

(10350X594)