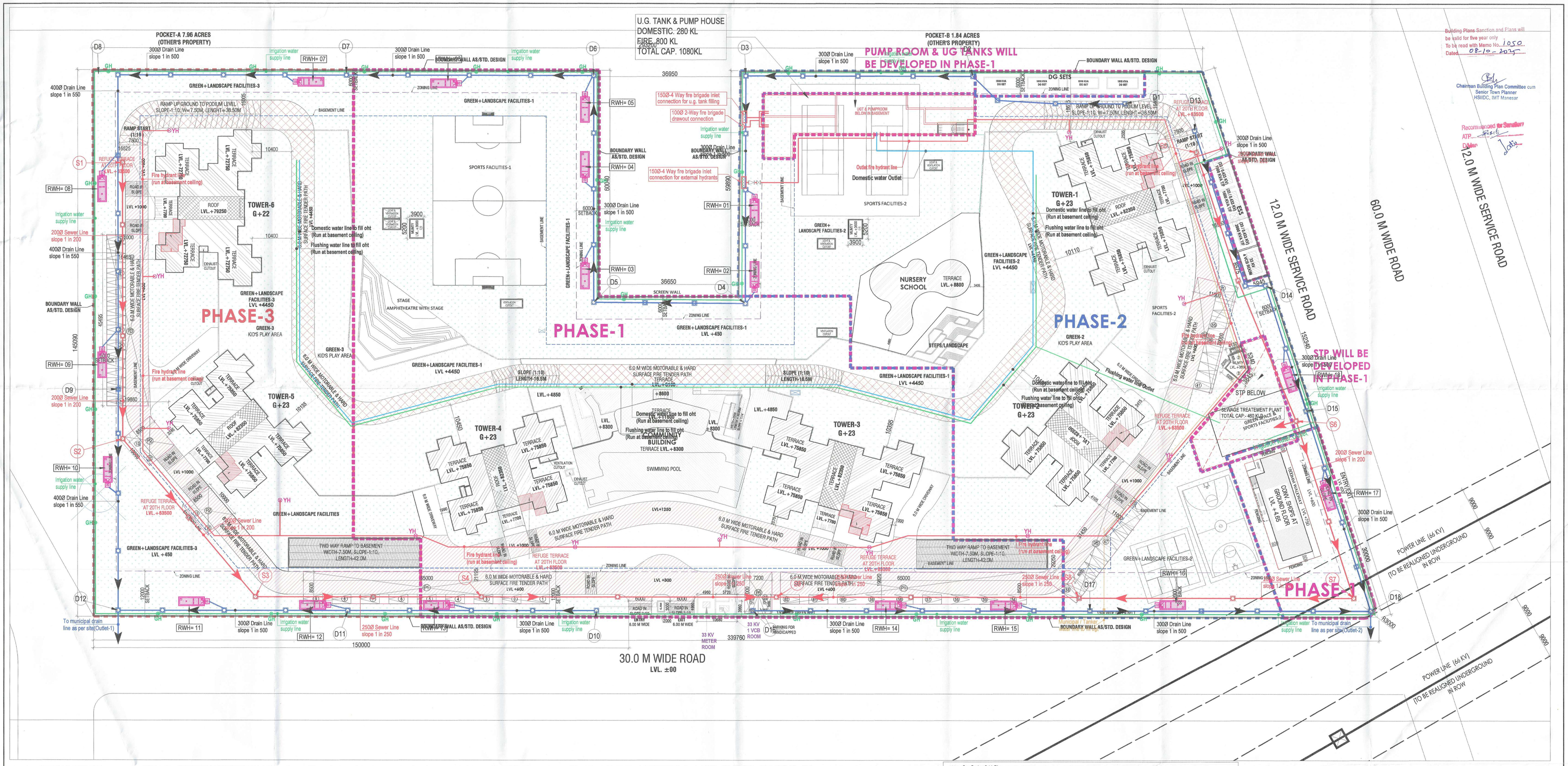


(TABLE - 1) AREA CHART		
DESCRIPTION	(IN ACRES)	(IN SQMT.)
TOTAL AREA OF SITE AS/ALLOTMENT	10.80	43708.00
AREA FOR PLANING	10.80	43708.00

S.NO.	PARTICULAR	PERMISSIBLE (IN SQMT.)	PROPOSED (IN SQMT.)
1	GROUND COVERAGE	15297.80 35%	14342.913 32.815%
2	F.A.R. (A)	76489.000 175%	
3	Additional IGBC (Gold Rating) FAR @ 12% (B)	5244.96 12%	
4	Total Permissible FAR (A + B)	81733.96 187%	81507.61 186.482%
5	TOT LOT & GREEN AREA	6556.200 15%	9588.44 21.937%
6	CONVENIENT SHOPPING	218.540 0.50%	217.896 0.499%
7	PERMISSIBLE DENSITY(1080 Person to 3240 Person)	100 TO 300	PPA
8	PROPOSED DENSITY (2870 Person)	264.630	PPA
9	PROPOSED MAIN DWELLING UNITS	542	UNITS
10	REQUIRED SERVANT UNITS @ 10% OF MAIN DU'S	54	UNITS
11	PROPOSED SERVANT UNITS @ 10% OF MAIN DU'S	74	UNITS
12	REQUIRED NURSERY SCHOOL	1	NOS.
13	PROPOSED NURSERY SCHOOL (0.2 Acres)	1	NOS.
14	REQUIRED CAR PARKING @ 1.5 ECS/UNIT	813	CARS
15	PROPOSED CAR PARKING	1017	CARS

(TABLE - 2) PROPOSED AREA DETAIL

S.NO.	DESCRIPTION	AREA (IN SQMT.) GROUND COVERAGE	F.A.R.	NON F.A.R.	BUILT-UP AREA	NO. OF DWELLING UNIT NO. OF FLOORS	MAIN UNITS	S. UNITS	PARKING	BUILDING HEIGHT (IN MTRS.)
1	TOWER-1 (TYPE - B' & C)	720.154	14519.996	1179.904	15699.900	G+23	91	23	7	75.85
2	TOWER-2 (TYPE - A & B)	613.309	11997.975	1106.372	13104.347	G+23	91	2	6	75.85
3	TOWER-3 (TYPE - B' & C)	720.154	14536.529	1163.371	15699.900	G+23	91	23	7	75.85
4	TOWER-4 (TYPE - A & B)	613.309	11997.975	1106.372	13104.347	G+23	91	2	6	75.85
5	TOWER-5 (TYPE - A & B)	613.309	11997.975	1106.372	13104.347	G+23	91	2	6	75.85
6	TOWER-6 (TYPE - B' & C)	720.154	13906.742	1146.844	15053.586	G+22	87	22	7	72.75
7	NURSERY SCHOOL	281.437	0.000	559.451	559.451	G+1	----	----	----	8.80
8	CONVENIENT SHOPPING	237.296	217.896	0	217.896	G	----	----	----	4.65
9	COMMUNITY BUILDING	2064.92	2326.520	108.250	2434.770	LG+G+1	----	----	----	11.60
10	PODIUM	7583.541	0.000	7583.541	7583.541	G			181	4.45
11	BASEMENT	0.00	0.000	29168.671	29168.671	--	----	----	733	----
12	GUARD ROOM	6.00	6.000	0.000	6.000	G	----	----	----	4.35
13	NON TOWER STAIRCASES/MUMTY	71.10	0.000	71.100	71.100	G	----	----	----	3.60
14	HT METER RM/VCB ROOM	98.23	0.000	98.230	98.230	G	----	----	----	4.35
15	OPEN CAR PARKING	0	0.000	0.000	0.000	--	----	----	64	----
	TOTAL	14342.913	81507.61	44398.478	125906.086		542	74	1017	

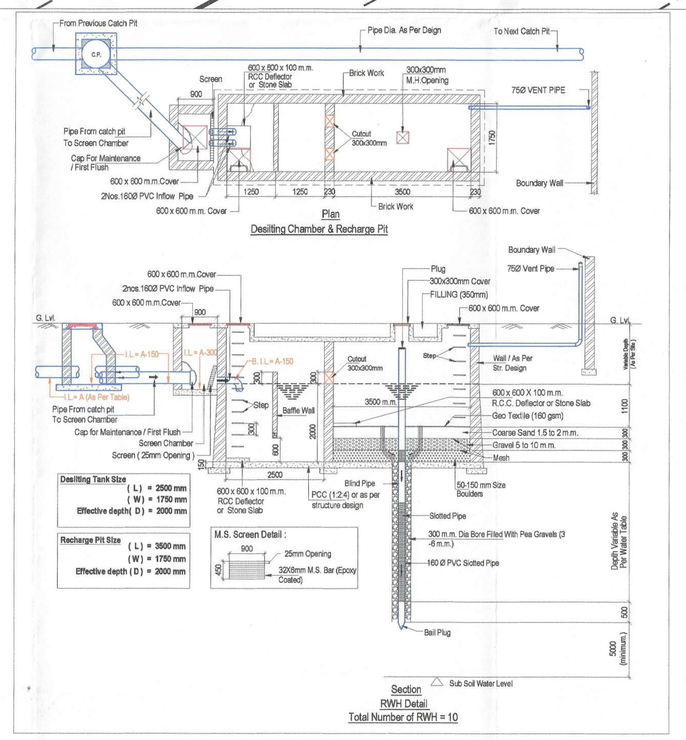
PROJECT - PROPOSED GROUP HOUSING "HSIIDC ASHIANA MANESAR" AT GURUGRAM.

WATER REQUIREMENT CALCULATIONS

S.No.	Description	Built up Area (Sq.M)	Flortic ulture Water Requi rement per Sq.M Area	No. of Units / Seats	Unit Population (As per NBC)	Total Population	Domestic Fresh Water Requirement (A) LPCD	LPD	Recycle Water Requirement (B) LPCD	LPD	Total Water Requirement (A+B) LPD	Flow to Sewer: Domestic 84%	Flushing 100%	LPD
1	Apartments 4 BHK			542	5	2710	127.5	345625	45	121950	467475	276420	121950	398370
2	Servant Unit			74	2	148	127.5	18870	45	6660	25530	15096	6660	21756
3	Floating Population					200	5	1400	10	2000	4200	1180	2000	4080
4	Maintenance Staff / Drivers					100	25	2500	20	2000	4500	2000	2000	4000
5	Club (LS)							10000	0	0	10000	8000	0	8000
6	Commercial (LS)							10000	0	0	10000	8000	0	8000
7	Filter Backwash							15000			15000		19000	19000
8	Makeup Water for Swimming Pool							10000			10000			
9	Horticulture	9920	6.18								61305.6	61305.6		
	Total							4,13,345		1,54,610	6,68,161	3,10,676	1,48,610	4,59,186

SUMMARY OF WATER REQUIREMENT / UGT & STP CAPACITY CALCULATION

	Description	Water Requirement (KLD)
	Domestic Fresh Water Requirement	413
	Recycle Water Requirement	196
	Flow to Sewer	439
	STP Capacity required	**466**
	Net water balance (to discharge into external municipal system)	264
	UGT Capacity	
	For Domestic Use (16 hrs storage)	280 KL
	For Fire Fighting	400 KL
	For Water Curtain	400 KL
	Total UGT Capacity	**1080 KL**



LEGEND :

S. No.	SYMBOL	DESCRIPTION
1.	M.H	MANHOLE
2.		SEWER LINE
3.	C.P	CATCH PIT
4.		UNDER GROUND DRAIN
5.		DOMESTIC WATER LINE TO FILL OHT
6.		FLUSHING WATER LINE TO FILL
7.		IRRIGATION WATER SUPPLY LINE
8.		MUNICIPAL WATER SUPPLY PIPE LINE.
9.	GH	GARDEN HYDRANT
10.		RAIN WATER HARVESTING

LEGEND : FIRE SYSTEM

S. No.	SYMBOL	DESCRIPTION
1.		YARD HYDRANT LINE
2.	YH	YARD HYDRANT 63 M.M. DIA. SINGLE HEADED HYDRANT VALVE WITH 2 NOS. 15 M. LONG, 63 M.M. DIA. FIRE HOSE PIPE & 1 NO. BRANCH PIPE WITH NOZZLE

NORTH :
N

NOTES:
- 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.
- TOILETS ARE MECHANICALLY VENTILATED AS PER HARYANA BUILDING CODE 2017 WHEREVER REQUIRED.
- 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 HAREDA /ZONING NORMS.
- ALL DU'S HAVE 1 HOUR FIRE RATED ENTRANCE DOOR.
- 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.
- ALL EXTERNAL BLOCK WORK OR MIVAN STRUCTURE SHALL HAVE 200MM THICKNESS & ALL INTERNAL PARTITIONS SHALL HAVE 100MM THICKNESS.

PROJECT
PROPOSED BUILDING PLAN OF RESIDENTIAL GROUP HOUSING OF GH-4 SITE AREA MEASURING 10.80 ACRES IN SECTOR - 80, IMT MANESAR BEING DEVELOPED BY M/S ASHIANA HOUSING LIMITED.

ARCHITECT'S SEAL & SIGNATURE — For SIAS+ARCHITECTURE — SYED MOHD. IMRAN CA93/16665

OWNER/AUTH. SIGN. — ASHIANA HOUSING LIMITED — Authorised Signatory

Scale : 1 : 350

Drawing Title:– SITE PLAN (SERVICES)

Drawing No:– A-01.1