FAR AREA CALCULATIONS

S.NO.	FLOORS	TOWER-T-1 (SQM)	TOWER-T-2 (SQM)	TOWER-T-3 (SQM)	TOWER-T-4 (SQM)	TOWER-T-5 (SQM)	TOWER-T-6 (SQM)	TOWER-T-7 (SQM)	TOTAL (SQM)
1	GROUND	534.961	534.961	534.961	534.961	537.222	423.281	313.005	3413.352
2	1ST	499.007	499.007	499.007	499.007	499.024	499.024	275.565	3269.641
3	2nd	499.007	499.007	499.007	499.007	499.024	499.024	275.565	3269.641
4	3rd	499.007	499.007	499.007	499.007	499.024	499.024	275.565	3269.641
5	4th	499.007	499.007	499.007	499.007	499.024	499.024	275.565	3269.641
6	5th	499.007	499.007	499.007	499.007	499.024	499.024	275.565	3269.641
7	6th	499.007	499.007	499.007	499.007	499.024	499.024	275.565	3269.641
8	7th	499.007	499.007	499.007	499.007	499.024	499.024	275.565	3269.641
9	8th	499.007	499.007	499.007	499.007	499.024	499.024	275.565	3269.641
10	9th	499.007	499.007	499.007	499.007	499.024	499.024	146.893	3140.969
11	10th	499.007	499.007	499.007	499.007	499.024	499.024	------	2994.076
12	11th	499.007	499.007	499.007	499.007	499.024	499.024	------	2994.076
13	12th	499.007	499.007	499.007	499.007	499.024	499.024	------	2994.076
14	13th	499.007	499.007	499.007	499.007	441.465	291.254	------	2728.747
15	14th	499.007	499.007	499.007	499.007	------	------	------	1996.028
	TOTAL FAR	7521.059	7521.059	7521.059	7521.059	6966.975	6702.823	2664.418	**46418.452**

AREA SUMMERY

	ACRES	SQ.M.
PREVIOUS PLOT AREA (A)	4.73125	19146.659
ADDITIONAL LAND AREA(B)	0.3247	1314.01
TOTAL PLOT AREA FOR FAR	5.05595	20460.67
PREVIOUS PERMISSIBLE COMMERCIAL AREA@ 4.0% PLOT AREA(A)	0.18925	765.87
PERMISSIBLE COMMERCIAL ON ADDITIONAL LAND AREA @8%OF B	0.02598	105.12
TOTAL BALANCE PLOT AREA FOR RESIDENCIAL	4.84072	19589.68
GROUND COVERAGE		
PERMISSIBLE GROUND COVERAGE @	50% OF PLOT AREA	10230.34
PROPOSED GROUND COVERAGE	23.96%	4588.443
FAR		
PERMISSIBLE FAR FOR HOUSING @	225%	44076.79
EXTRA FAR FOR GREEN BUILDING @	12.00%	2350.76
TOTAL PERMISSIBLE FAR FOR HOUSING @	237%	46427.55
PROPOSED FAR	236.95%	**46418.45**
PERMISSIBLE FAR FOR COMMERCIAL @	175%	1524.23
EXTRA FAR FOR GREEN BUILDING @	12.00%	104.52
TOTAL PERMISSIBLE FAR FOR COMMERCIAL @	187%	1628.75
PROPOSED FAR FOR COMMERCIAL	185.19%	1613.02

DENSITY	MIN. 750 PPA	3631	**750 TO 900 PPA**
PERMISSIBLE DU'S		726	MIN.
PERMISSIBLE DENSITY	MAX. 900 PPA	4357	
PERMISSIBLE DU'S		871	MAX.
PROPOSED DENSITY	735X5	3675	PERSON
ACHIEVED DENSITY	3675/4.84077	759.18	PPA
PROPOSED Dus		735	Dus
PARKING & GREEN AREA			
REQUIRED TWO WHEELER PARKING		735	NOS
PROPOSED TWO WHEELER PARKING		738	NOS
REQUIRED ECS	735/2	367.50	ECS
PROPOSED ECS		367.50	ECS
REQUIRED ORGANIZED GREEN @	15%	3069.10	SQM
PROPOSED GREEN	15.62%	3195.12	SQM
PROVIDED COMMUNITY BUILDING		216.06	SQM
PROVIDED AAGANWADI		212.30	SQM

CARPET AREA CALCULATION

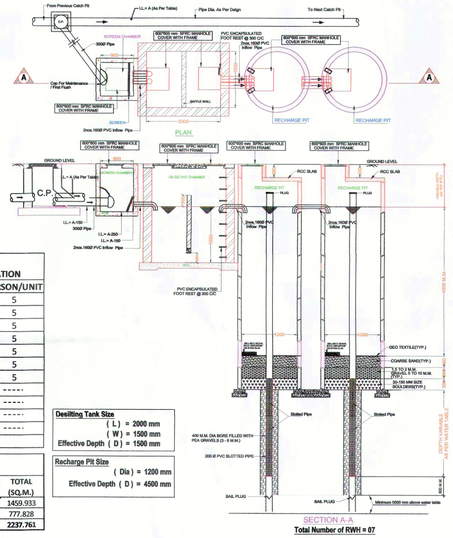
S.NO.	FLOORS	TOWER T-1 AREA(SQM)	TOWER T-2 AREA(SQM)	TOWER T-3 AREA(SQM)	TOWER T-4 AREA(SQM)	TOWER T-5 AREA(SQM)	TOWER T-6 AREA(SQM)	TOWER T-7 AREA(SQM)	TOTAL (SQM)
1	GROUND	437.902	437.902	437.902	437.902	437.902	329.208	229.210	2747.928
2	1st	437.902	437.902	437.902	437.902	437.902	437.902	239.816	2867.228
3	2nd	437.902	437.902	437.902	437.902	437.902	437.902	239.816	2867.228
4	3rd	437.902	437.902	437.902	437.902	437.902	437.902	239.816	2867.228
5	4th	437.902	437.902	437.902	437.902	437.902	437.902	239.816	2867.228
6	5th	437.902	437.902	437.902	437.902	437.902	437.902	239.816	2867.228
7	6th	437.902	437.902	437.902	437.902	437.902	437.902	239.816	2867.228
8	7th	437.902	437.902	437.902	437.902	437.902	437.902	239.816	2867.228
9	8th	437.902	437.902	437.902	437.902	437.902	437.902	239.816	2867.228
10	9th	437.902	437.902	437.902	437.902	437.902	437.902	119.908	2747.320
11	10th	437.902	437.902	437.902	437.902	437.902	437.902	------	2627.412
12	11th	437.902	437.902	437.902	437.902	437.902	437.902	------	2627.412
13	12th	437.902	437.902	437.902	437.902	437.902	437.902	------	2627.412
14	13th	437.902	437.902	437.902	437.902	383.221	219.178	------	2354.007
15	14th	437.902	437.902	437.902	437.902	------	------	------	1751.608
	TOTAL	**6568.530**	**6568.530**	**6568.530**	**6,568.530**	**6,075.947**	**5,803.210**	**2,267.646**	**40,420.923**

DENSITY CALCULATION ---------(750 - 900 PPA)

S.NO.	BUILDING BLOCKS	NO. OF BLOCKS	NO. OF FLOORS	GROUND COVERAGE	TOTAL FAR	TOTAL NO. OF DU's	POPULATION	
								PERSON/UNIT
1	TOWER T-1 (G+14)	1	(G+14)	545.491	7521.059	120	600	5
2	TOWER T-2 (G+14)	1	(G+14)	534.961	7521.059	120	600	5
3	TOWER T-3 (G+14)	1	(G+14)	534.961	7521.059	120	600	5
4	TOWER T-4 (G+14)	1	(G+14)	534.961	7521.059	120	600	5
5	TOWER T-5 (G+13)	1	(G+13)	537.222	6966.975	111	555	5
6	TOWER T-6 (S/G+13)	1	(S/G+13)	537.222	6702.823	106	530	5
7	TOWER T-7 (G+9)	1	(G+9)	313.005	2664.418	38	190	5
8	CRECHE / COMMUNITY BUILDING	1	G+1	216.063	-----	-----	-----	-----
9	COMMERCIAL	2	G+2, G+2	774.844	-----	-----	-----	-----
9	GUARD ROOM	2	G	6.003	-----	-----	-----	-----
10	STILT AREA	-----	-----	53.710	-----	-----	-----	-----
	TOTAL			4588.443	46418.452	735	3675	

Desilting Tank Size
(L) = 2000 mm
(W) = 1500 mm
Effective Depth (D) = 1500 mm

Recharge Pit Size
(Dia) = 1200 mm
Effective Depth (D) = 4500 mm



COMMERCIAL BUILT UP AREA

S.NO.	POCKET	GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	MUMTY	TOTAL (SQ.M.)
1	1	508.098	494.72	427.859	29.256	1459.933
2	2	266.746	242.941	242.941	25.200	777.828
		TOTAL				2237.761

COMMERCIAL FAR AREA

S.NO.	POCKET	GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	TOTAL (SQ.M.)
1	1	420.215	358.278	358.278	1136.771
2	2	188.674	143.789	143.789	476.252
		TOTAL			1613.023

COMMERCIAL GROUND COVERAGE

S.NO.	POCKET	GROUND COVERAGE
1	1	508.098
2	2	266.746
TOTAL		774.844

LEGEND :

S. No.	SYMBOL	DESCRIPTION
1.	M.H	MANHOLE
2.		SEWER LINE (S.W. PIPE)
3.		BYPASS SEWER LINE (S.W. PIPE)
4.	C.P.	CATCH PIT
5.		UNDER GROUND DRAIN (R.C.C. NP3 PIPE)
6.		DOMESTIC WATER LINE TO FILL OHT (D.I. PIPE)
7.		RECYCLE WATER LINE TO FILL OHT (PVC PIPE)
8.		RECYCLED WATER SUPPLY PIPE LINE FOR HORTICULTURE (PVC PIPE)
9.		RISING MAIN WATER PIPE LINE. (D.I. PIPE)
10.		MUNICIPAL WATER SUPPLY PIPE LINE. (D.I. PIPE)
11.		PROPOSED TUBE WELL
12.	GH	GARDEN HYDRANT
13.		RAIN WATER HARVESTING
		TOWER 1T04 AND COMMUNITY/CRECHE ALREADY APPROVED NO. CHANGE.

LEGEND : FIRE SYSTEM

S. No.	SYMBOL	DESCRIPTION
1.		FIRE LINE
2.		FIRE BRIGADE CONNECTION
3.		BUTTERFLY VALVE
4.		NONRETURN VALVE (CHECK VALVE)
5.		ISOLATING VALVE WITH MASONARY CHAMBER

DWELLING UNITS (Du's) CALCULATIONS

S.NO.	TOWERS	UNITS	GROUND FL. UNITS	EACH TYP. FL. UNITS	UNITS IN TOP	TYP. FL. NOS.	TOTAL TYP. FL. UNITS	TOTAL UNITS IN TOWER	POPULATION PER UNIT	POPULATION TOTAL
1	TOWER-T-1 (G+14)	2BHK	8	8	8	14	112	120	5	600
2	TOWER-T-2 (G+14)	2BHK	8	8	8	14	112	120	5	600
3	TOWER-T-3 (G+14)	2BHK	8	8	8	14	112	120	5	600
4	TOWER-T-4 (G+14)	2BHK	8	8	8	14	112	120	5	600
5	TOWER-T-5 (G+13)	2BHK	8	8	7	12	96	111	5	555
6	TOWER-T-6 (S/G+13)	2BHK	6	8	4	12	96	106	5	530
7	TOWER-T-7 (G+9)	2BHK+STORE	4	4	2	8	32	38	5	190
		TOTAL UNITS						735		3675

SUBMISSION DRAWING

CLIENT
M/S. SIGNATURE GLOBAL (INDIA) PRIVATE LIMITED
Signature Global, 1308 Dr. Gopal Das Building
28 Barakhamba Road C.P. New Delhi

PROJECT TITLE
REVISED BUILDING PLAN OF AFFORDABLE GROUP HOUSING COLONY FOR AN AREA MEASURING 5.05595 ACRES (4.73125 ACRES LICENCE NO.121 OF 2019 DATED 14/09/2019 + 0.3247 ACRES LICENCE NO. 06 OF 2021 DATED 05/03/2021) IN THE REVENUE ESTATE OF VILLAGE HAYATPUR SECTOR-89 BEING DEVELOPED BY SIGNATURE INFRABUILD PVT. LTD.

MEP Consultant: Consummate Engineering Services Pvt. Ltd.
B-87, Sector-67, Noida, Uttar Pradesh - 201301
Tel: +91- 0120 - 2303600
E-mail: mail@cesp.in

Structural Consultant: NNC DESIGN INTERNATIONAL
G-70, 2nd floor, Jaswant Palace, Main Sarita Vihar Road, Okhla, New Delhi - 110025
Tel.: +91-11-26940734/5/6/7 Fax: +91-11-26940738
E-mail: nnc_consultants@hotmail.com

R.K.& ASSOCIATES
Architects, Engineers & Planners
E-31, GREEN PARK MAIN, NEW DELHI - 110016, INDIA
Tel.: 26 96-315 5, 26 51-67 51, 26 56-73 57
Fax: (011) 2686-2545 E-mail : rka.architects@gmail.com

ARCHITECT'S SIGNATURE
ROHIT GARG CA/94/17868

OWNER'S SIGNATURE

This is a "PROVISIONAL BUILDING PLAN" approved only for the purpose of inviting objections from the general public

STP(HQ) Member Secretary BPAC
DDF (HQ) Member BPAC
DINESH KUMAR SD (HQ)
JD
ATP

DRAWING TITLE (SUBMISSION DRAWING)	DRG. NO.
SERVICE COORDINATED LAYOUT PLAN	03
SCALE - 1:200	DATE - DEC 2020