PARKING SUMMARY		
REQUIRED PARKING FOR ALL APARTMENTS		
TOTAL NO. OF APARTMENTS	-	830
PARKING REQUIRED @0.5 ECS PER DU	-	415 ECS
OPEN TO SKY PARKING AREA		
PROPOSED OPEN TO SKY PARKING AREA	=	11917.863 SQ.M.
TOTAL NOS. OF PARKING IN OPEN TO SKY SPACE @ 25 SQ.M./ECS	=	474.869 ECS
	Say	475 ECS
COVERED PARKING AREA		
PROPOSED COVERED PARKING AREA (UNDER TOWER A, B, C, D & E)	=	3415.351 SQ.M.
PROPOSED COVERED PARKING AREA (UNDER PODIUM)	=	3559.241 SQ.M.
TOTAL PROPOSED COVERED PARKING AREA (UNDER TOWER A, B, C, D, E & PODIUM)	=	7470.283 SQ.M.
TOTAL NOS. OF PARKING IN COVERED AREA @ 250 SQ.M./ECS	=	185.681 ECS
	Say	186 ECS
TOTAL ECS PROPOSED (ADDING BOTH OPEN & COVERED PARKING)	=	670 ECS
AREA PROPOSED FOR MANDATORY PARKING		
MANDATORY PROPOSED COVERED PARKING AREA	=	2557.220 SQ.M.
TOTAL NOS. OF PARKING IN COVERED AREA @ 250 SQ.M./ECS	=	10.229 ECS
	Say	10 ECS
2 WHEELERS PROVIDED ON 5 ECS	=	184 NOs.
MANDATORY PROPOSED OPEN TO SKY PARKING AREA	=	7457.50 SQ.M.
TOTAL NOS. OF PARKING IN OPEN SPACE @ 25 SQ.M./ECS	=	298.300 ECS
TOTAL ECS PROVIDED IN COVERED AREA	=	308 ECS
2 WHEELERS PROVIDED IN OPEN TO SKY PARKING AREA	=	616 NOs.
4 WHEELERS PROVIDED IN OPEN TO SKY PARKING AREA	=	154 NOs.
4 WHEELERS (EQUIVALENT TO 2 TWO WHEELERS) PROVIDED IN OPEN TO SKY PARKING AREA	=	154 NOs.
TOTAL NO. OF 2 WHEELERS PROVIDED IN OPEN TO SKY PARKING AREA	=	692 NOs.
TOTAL 2 WHEELERS PROVIDED	=	876 NOs.
TOTAL 4 WHEELERS PROVIDED	=	154 NOs.
(MANDATORY FOR 50 APARTMENTS)		830 NOs.
TOTAL 2 WHEELERS PROVIDED FOR VISITORS	=	46 NOs.
AREA PROPOSED FOR ADDITIONAL PARKING		
ADDITIONAL PROPOSED COVERED PARKING AREA	=	3559.241 SQ.M.
TOTAL NOS. OF PARKING IN COVERED AREA @ 250 SQ.M./ECS	=	100.221 ECS
	Say	100 ECS
ADDITIONAL PROPOSED OPEN PARKING AREA	=	4452.585 SQ.M.
TOTAL NOS. OF PARKING IN OPEN SPACE @ 25 SQ.M./ECS	=	178.103 ECS
	Say	178 ECS
TOTAL ADDITIONAL ECS WHICH CAN BE PROVIDED	=	200 ECS
TOTAL ADDITIONAL 0.5 ECS WHICH CAN BE PROVIDED	=	520 NOs.
TOTAL NUMBER OF CARS PROVIDED IN ADDITIONAL PROPOSED PARKING AREA	=	200 ECS
TOTAL ADDITIONAL 0.5 ECS PROVIDED	=	520 NOs.

SITE LEVEL (OPEN AREA) PARKING AREA CALCULATION										
1. ADDITION - XX										
S.No.	NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA
1	B1						59.841		
2	B2		Area of Polyline				29.913	1	29.913
3	B3	Rectangle	6.370	2.710	-	L X B	34.457	1	34.457
4	B7	Rectangle	6.240	3.000	-	L X B	18.720	1	17.720
5	B11	Rectangle	6.410	6.940	-	L X B	42.165	1	42.165
6	B11	Rectangle	0.150	0.600	-	L X B	0.054	2	0.108
7	B14		Area of Polyline				17.718		17.718
8	B14	Rectangle	3.910	11.608	-	L X B	45.410	1	45.410
9	B15	Rectangle	1.315	1.165	-	L X B	1.531	1	1.531
10	B16	Rectangle	14.731	11.608	-	L X B	171.000	1	171.000
11	B17	Rectangle	1.890	1.600	-	L X B	3.024	1	3.024
12	B18	Rectangle	0.970	1.500	-	L X B	1.455	2	2.910
13	B19		Area of Polyline				8.016	1	8.016
14	B20	Rectangle	1.100	11.608	-	L X B	12.768	1	12.768
15	B21	Rectangle	1.100	11.608	-	L X B	12.768	1	12.768
16	B22	Rectangle	1.140	0.750	-	L X B	0.855	1	0.855
17	B23	Rectangle	1.845	11.148	-	L X B	20.564	1	20.564
18	B24		Area of Polyline				8.929		8.929
19	B25	Rectangle	6.170	1.710	-	L X B	10.551	1	10.551
20	B26	Rectangle	6.200	2.600	-	L X B	16.120	1	16.120
21	B27		Area of Polyline				8.734		8.734
22	B28	Rectangle	8.181	2.200	-	L X B	18.000	1	18.000
23	B29		Area of Polyline				10.839		10.839
24	B30		Area of Polyline				7.316		7.316
25	B31	Rectangle	1.447	1.620	-	L X B	10.551	1	10.551
26	B32	Rectangle	6.170	2.540	-	L X B	15.591	1	15.591
27	B33	Rectangle	10.600	3.600	-	L X B	38.160	1	38.160
28	B34	Rectangle	9.640	1.650	-	L X B	15.906	1	15.906
29	B35	Rectangle	12.815	5.200	-	L X B	67.238	1	67.238
30	B36	Rectangle	41.345	6.120	-	L X B	253.055	1	253.055
31	B37	Rectangle	1.117	3.210	-	L X B	3.585	1	3.585
32	B38	Triangle	-	1.115	3.000	1/2xL X H	1.669	1	1.669
33	B39	Triangle	-	2.890	11.000	1/2xL X H	15.895	1	15.895
34	B40	Triangle	-	2.890	11.000	1/2xL X H	15.895	1	15.895
35	B41	Triangle	-	11.285	20.770	1/2xL X H	162.115	1	162.115
36	B42	Rectangle	6.800	16.770	-	L X B	113.604	1	113.604
37	B43	Rectangle	3.600	3.600	-	L X B	12.960	1	12.960
38	B44	Rectangle	6.400	2.800	-	L X B	17.920	1	17.920
39	B45	Rectangle	3.770	15.015	-	L X B	55.756	1	55.756
40	B46	Rectangle	-	6.250	15.015	1/2xL X H	46.867	1	46.867
41	B47	Rectangle	6.800	10.000	-	L X B	61.000	1	61.000
42	B48	Rectangle	61.151	11.000	-	L X B	784.661	1	784.661
43	B49		Area of Polyline				212.194		212.194
44	B50	Triangle	-	7.500	11.000	1/2xL X H	41.250	1	41.250
45	B51	Triangle	-	7.500	11.000	1/2xL X H	41.250	1	41.250
46	B52	Rectangle	12.750	12.000	-	L X B	144.000	1	144.000
47	B53	Rectangle	12.000	12.000	-	L X B	137.121	1	137.121
48	B54	Rectangle	22.800	14.000	-	L X B	318.700	1	318.700
49	B55	Rectangle	6.200	3.000	-	L X B	18.700	1	18.700
50	B56	Rectangle	6.000	1.875	-	L X B	11.400	8	2.900
51	B57	Rectangle	4.100	9.000	-	L X B	36.110	1	36.110
52	B58	Rectangle	41.350	11.000	-	L X B	457.000	1	457.000
53	B59	Rectangle	20.100	2.750	-	L X B	55.700	1	55.700
54	B60	Rectangle	1.145	4.000	-	L X B	14.258	1	14.258
55	B61		Area of Polyline				6.324	1	6.324
56	B62	Rectangle	1.690	1.810	-	L X B	3.116	1	3.116
57	B63		Area of Polyline				19.200	1	19.200
58	B64	Rectangle	1.100	1.270	-	L X B	1.397	1	1.397
59	B65	Rectangle	5.585	4.100	-	L X B	23.094	1	23.100
60	B66	Rectangle	5.585	4.100	-	L X B	23.017	1	23.017
61	B67		Area of Polyline				7.316	1	7.316
62	B68	Rectangle	8.197	16.770	-	L X B	137.374	1	137.374
63	B69		Area of Polyline				8.400	1	8.400
64	B70	Rectangle	1.447	4.620	-	L X B	6.684	1	6.684
65	B71	Rectangle	1.140	1.270	-	L X B	1.448	1	1.448
66	B72	Rectangle	10.220	0.450	-	L X B	4.599	1	4.599
67	B73		Area of Polyline				18.360	1	18.360
68	B74	Rectangle	1.245	4.620	-	L X B	17.661	1	17.661
69	B75	Rectangle	6.150	4.140	-	L X B	25.461	1	25.461
70	B76	Rectangle	16.000	92.100	-	L X B	1473.600	1	1473.600
71	B78	Rectangle	6.200	15.500	-	L X B	96.100	1	96.100
72	B79	Rectangle	7.500	7.000	-	L X B	52.500	1	52.500
73	B80	Quadrant	-	-	0.155	1/2 Pi x R x R	25.402	1	25.402
74	B81	Rectangle	8.210	54.140	-	L X B	444.452	1	444.452
MANDATORY OPEN TO SKY PARKING AREA PROPOSED ON SITE LEVEL									7469.277
75	B1	Rectangle	41.940	11.000	-	L X B	557.500	1	557.500
76	B2	Rectangle	26.000	10.000	-	L X B	260.000	1	260.000
77	B3	Rectangle	26.425	11.000	-	L X B	312.675	1	312.675
78	B6	Rectangle	1.810	22.185	-	L X B	41.855	1	41.855
79	B8	Rectangle	11.000	68.615	-	L X B	756.065	1	756.065
80	B10	Rectangle	3.600	68.605	-	L X B	246.025	1	246.025
81	B77	Rectangle	61.190	25.500	-	L X B	1560.245	1	1560.245
ADDITIONAL OPEN TO SKY PARKING AREA PROPOSED ON SITE LEVEL									4452.585
TOTAL OPEN PARKING AREA PROPOSED (INCLUDING MANDATORY & ADDITIONAL PARKING AREA) ON SITE LEVEL									11917.863

PODIUM LEVEL PARKING AREA CALCULATION									
1. ADDITION - XX									
S.No.	NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA
1	A1	Rectangle	5.200	3.500	-	L X B	18.047	2	36.095
2	A2	Rectangle	3.448	6.250	-	L X B	21.547	2	43.275
3	A3	Rectangle	3.245	12.140	-	L X B	39.389	2	78.779
4	A4		Area of Polyline				4.000	4	16.000
5	A5	Rectangle	6.539	16.780	-	L X B	66.197	2	132.394
6	A6	Rectangle	3.005	5.240	-	L X B	15.745	2	31.490
7	A7	Rectangle	0.300	1.650	-	L X B	0.495	4	1.980
8	A8	Rectangle	4.520	4.105	-	L X B	18.545	1	18.545
9	A9	Rectangle	11.910	6.175	-	L X B	73.507	1	73.507
10	A10	Rectangle	4.205	1.800	-	L X B	10.026	1	10.026
11	A11	Rectangle	4.800	5.875	-	L X B	28.200	1	28.200
12	A12	Rectangle	10.800	16.040	-	L X B	168.654	1	168.654
13	A13	Rectangle	27.500	11.920	-	L X B	301.240	1	301.240
14	A14		Area of Polyline				7.725	1	7.725
15	A15	Rectangle	30.200	48.040	-	L X B	1451.048	1	1451.048
16	A16	Rectangle	6.100	7.800	-	L X B	31.150	1	31.150
PARKING AREA PROPOSED UNDER PODIUM									3812.243
1	PARKING AREA PROPOSED UNDER STILT OF TOWER A								483.641
2	PARKING AREA PROPOSED UNDER STILT OF TOWER B								483.641
3	PARKING AREA PROPOSED UNDER STILT OF TOWER C								483.186
4	PARKING AREA PROPOSED UNDER STILT OF TOWER D								483.641
5	PARKING AREA PROPOSED UNDER STILT OF TOWER E								483.641
PARKING AREA PROPOSED UNDER STILT OF ALL TOWERS									2415.710

PRINCIPAL ARCHITECT:

DESIGN FORUM INTERNATIONAL

K-47, KAILASH COLONY, NEW DELHI-110048
PHONE NO.: 011-46556600

OWNER'S SIGNATURE

For M/S Infracon Private Limited

ARCHITECT'S SIGNATURE

DANOJ TEVATIA
B. Arch (Hons)
CA/2011/47298

CLIENT:
M/S GLS INFRACON PVT. LTD.

PROJECT:
PROPOSED PLAN OF AFFORDABLE GROUP HOUSING COLONY FOR AN AREA MEASURING 5.6625 ACRE (LICENCE NO. 34 OF 2020 DATED 30/10/2020) IN SECTOR-81, GURUGRAM MANESAR URBANCOMPLEX BEING DEVELOPED BY SMT. GEETA YADAV W/O SH. SUMAN KUMAR AND OTHERS IN COLLABORATION WITH GLS INFRACON PVT. LTD.

DRAWING TITLE:
SITE PLAN WITH PARKING AREA CALCULATION

N

SCALE: 1:250

DATE:

SHEET NO.
2