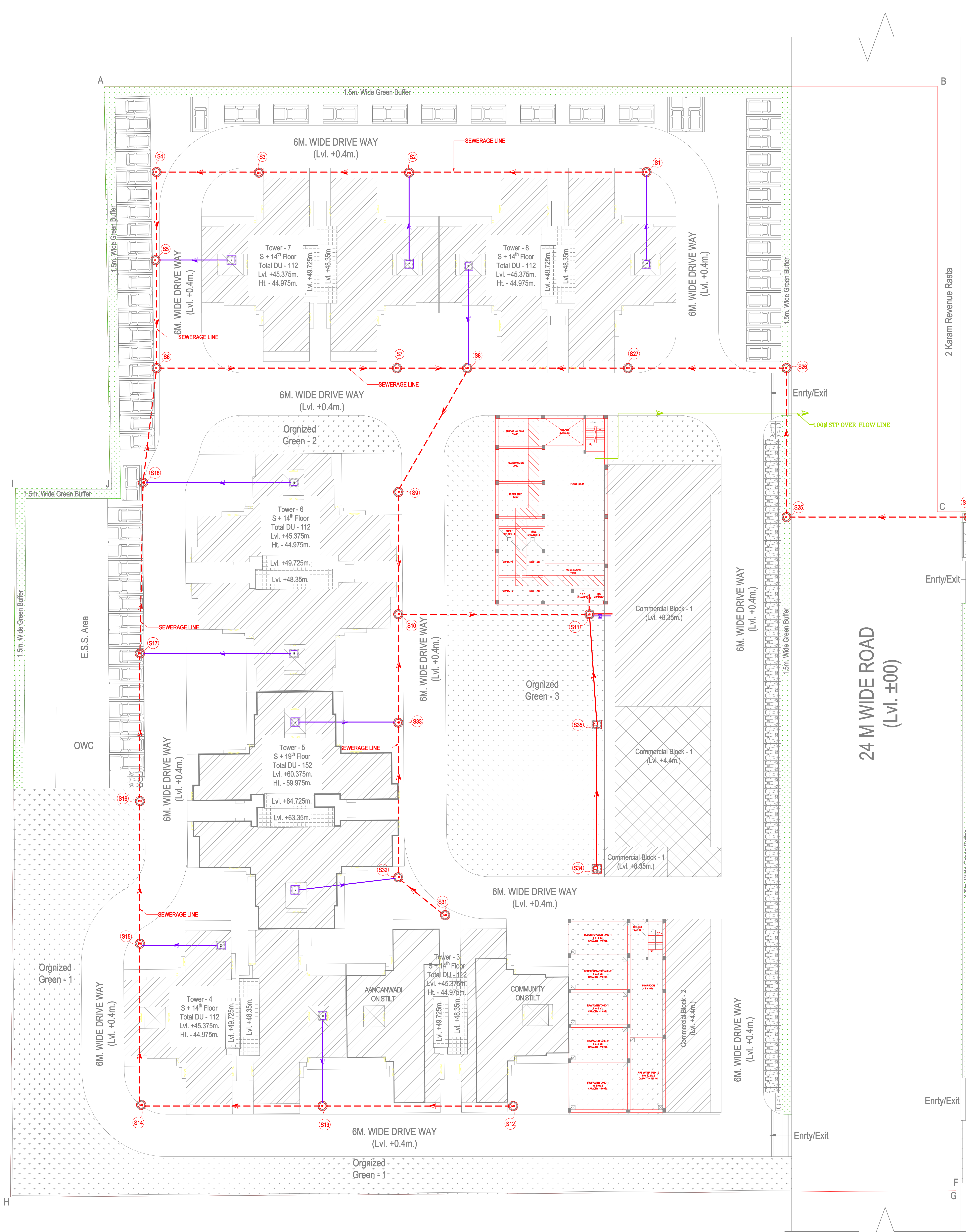
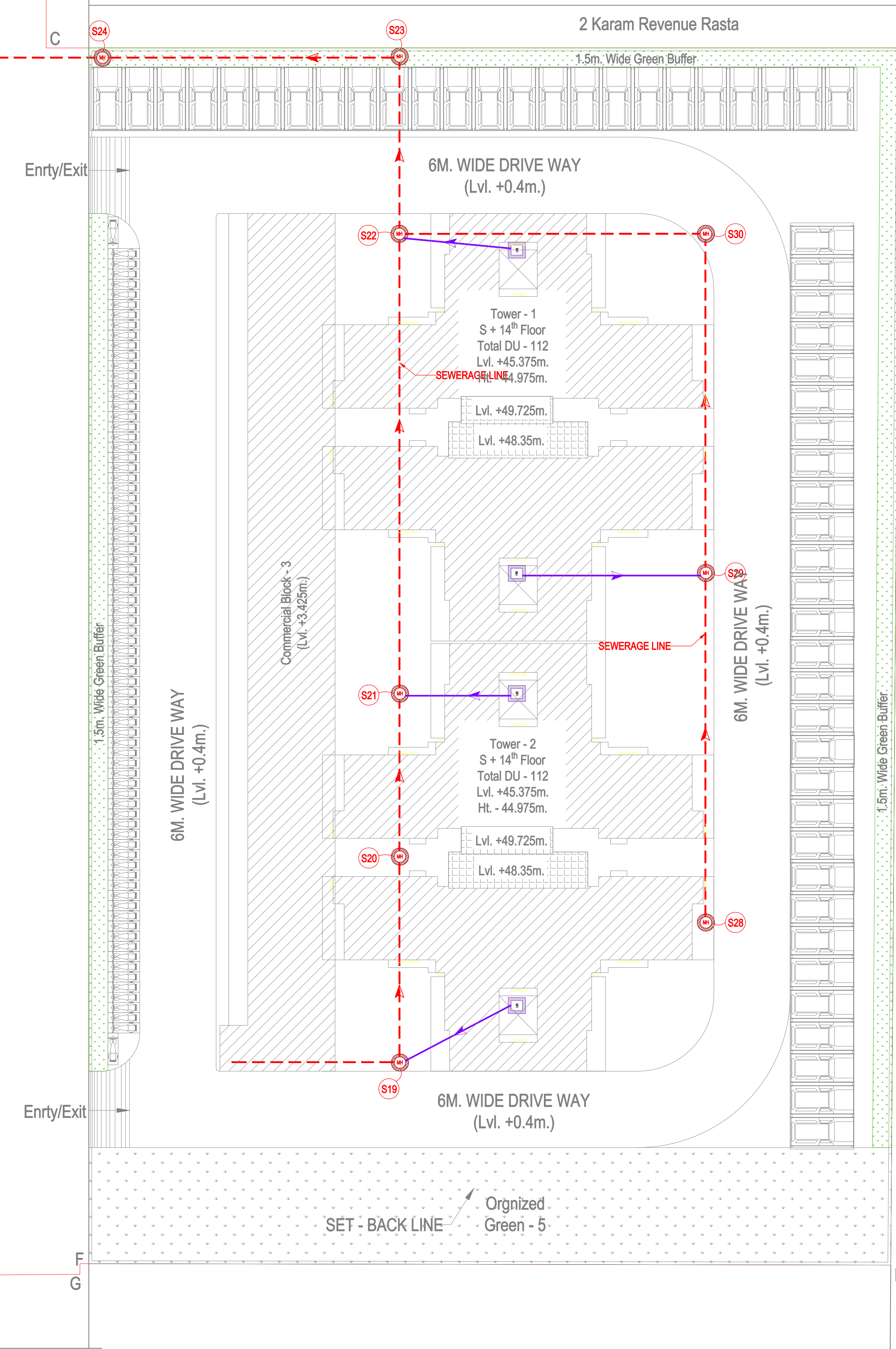




Design Chart Showing Sewerage Details

S.No.	Line No.		Length(m)	Pipe Size(mm)	Slope 1 in	Ground Level(m)		Invert Level(m)		Depth(m)	
	From	To				Start	End	Start	End	Start	End
1.	S1	S2	33.0	200	145	100.0	100.0	99.10	98.87	0.900	1.128
2.	S2	S3	21.0	200	145	100.0	100.0	98.87	98.73	1.128	1.272
3.	S3	S4	15.0	200	145	100.0	100.0	98.73	98.62	1.272	1.376
4.	S4	S5	13.0	200	145	100.0	100.0	98.62	98.53	1.376	1.466
5.	S5	S6	15.0	200	145	100.0	100.0	98.53	98.43	1.466	1.569
6.	S12	S13	27.0	200	145	100.0	100.0	99.10	98.91	0.900	1.086
7.	S13	S14	25.0	200	145	100.0	100.0	98.91	98.74	1.086	1.259
8.	S14	S15	22.0	200	145	100.0	100.0	98.74	98.59	1.259	1.410
9.	S15	S16	20.0	200	145	100.0	100.0	98.59	98.45	1.410	1.548
10.	S16	S17	21.0	200	145	100.0	100.0	98.45	98.31	1.548	1.693
11.	S17	S18	24.0	200	145	100.0	100.0	98.31	98.14	1.693	1.859
12.	S18	S6	16.0	200	145	100.0	100.0	98.14	98.03	1.859	1.969
13.	S6	S7	34.0	200	145	100.0	100.0	98.03	97.80	1.969	2.203
14.	S7	S8	10.0	200	145	100.0	100.0	97.80	97.73	2.203	2.272
15.	S19	S20	16.0	200	145	100.0	100.0	99.10	98.99	0.900	1.010
16.	S20	S21	13.0	200	145	100.0	100.0	98.99	98.90	1.010	1.100
17.	S21	S22	36.0	200	145	100.0	100.0	98.90	98.65	1.100	1.348
18.	S28	S29	27.0	200	145	100.0	100.0	99.10	98.91	0.900	1.086
19.	S29	S30	26.0	200	145	100.0	100.0	98.91	98.73	1.086	1.266
20.	S30	S22	24.0	200	145	100.0	100.0	98.73	98.57	1.266	1.431
21.	S22	S23	14.0	200	145	100.0	100.0	98.57	98.47	1.431	1.528
22.	S23	S24	23.0	200	145	100.0	100.0	98.47	98.31	1.528	1.686
23.	S24	S25	26.0	200	145	100.0	100.0	98.31	98.13	1.686	1.866
24.	S25	S26	21.0	200	145	100.0	100.0	98.13	97.99	1.866	2.010
25.	S26	S27	22.0	200	145	100.0	100.0	97.99	97.84	2.010	2.162
26.	S27	S8	23.0	200	145	100.0	100.0	97.84	97.68	2.162	2.321
27.	S8	S9	20.0	250	195	100.0	100.0	97.68	97.58	2.321	2.423
28.	S9	S10	17.0	250	195	100.0	100.0	97.58	97.49	2.423	2.510
29.	S31	S32	8.0	200	145	100.0	100.0	99.10	99.04	0.900	0.955
30.	S32	S33	22.0	200	145	100.0	100.0	99.04	98.89	0.955	1.107
31.	S33	S10	15.0	200	145	100.0	100.0	98.89	98.79	1.107	1.210
32.	S10	S11	27.0	250	195	100.0	100.0	97.49	97.35	2.510	2.649
33.	S34	S35	21.0	200	145	100.0	100.0	99.20	99.06	0.800	0.945
34.	S35	S11	16.0	200	145	100.0	100.0	99.06	98.94	0.945	1.055
35.	S11	S.T.P	2.0	250	195	100.0	100.0	97.35	97.34	2.649	2.659



Sr.no.	Particular	Area / Nos.	Units
1	TOTAL PLOT AREA	6.500	Acres
2	REQUIRED GREEN AREA @15%	2634.325	Sq.m.
3	PROPOSED GREEN AREA @15%	3946.136	Sq.m.
4	PERMISSIBLE GROUND COVERAGE @50%	13152.263	Sq.m.
5	PROPOSED GROUND COVERAGE @22.118%	5818.040	Sq.m.
6	REQUIRED ANGANWADI AREA	185.810	Sq.m.
7	PROPOSED ANGANWADI AREA	194.962	Sq.m.
8	REQUIRED COMMUNITY AREA	185.810	Sq.m.
9	PROPOSED COMMUNITY AREA	188.850	Sq.m.
10	RESIDENTIAL PLOT AREA @96% OF SITE AREA	6.240	Acres
11	PERMISSIBLE RESIDENTIAL F.A.R. @2.25	56817.774	Sq.m.
12	ADDITIONAL F.A.R. TAKEN FOR IGC @0.12	3030.281	Sq.m.
13	TOTAL PERMISSIBLE RESIDENTIAL F.A.R. @2.37	59848.055	Sq.m.
14	PROPOSED RESIDENTIAL F.A.R. @2.37	59847.397	Sq.m.
15	PROPOSED RESIDENTIAL NON - F.A.R.	7044.474	Sq.m.
16	PERMISSIBLE MINIMUM DWELLING UNIT @750PPA	936	Nos.
17	PERMISSIBLE MAXIMUM DWELLING UNIT @900PPA	1123.2	Nos.
18	PROPOSED DWELLING UNIT	936	Nos.
19	PROPOSED DENSITY (Total Units x 5 Persons / Plot Area) (936 x 5 / 6.24)	750	PPA
20	REQUIRED E.C.S	468	Nos.
21	REQUIRED TWO WHEELER PARKING	936	Nos.
22	PROPOSED MANDATORY E.C.S.	468	Nos.
23	PROPOSED MANDATORY TWO WHEELER PARKING	937	Nos.
24	PROPOSED ADDITIONAL CHARGEABLE E.C.S. AS PER NUMBERS	230	Nos.
25	PROPOSED ADDITIONAL CHARGEABLE E.C.S. AS PER AREA	163	Nos.
26	COMMERCIAL PLOT AREA @4% OF SITE AREA	0.260	Acres
27	PERMISSIBLE COMMERCIAL F.A.R. @1.75	1052.181	Sq.m.
28	ADDITIONAL F.A.R. TAKEN FOR IGC @0.12	126.262	Sq.m.
29	TOTAL PERMISSIBLE COMMERCIAL F.A.R. @1.87	1967.569	Sq.m.
30	PROPOSED COMMERCIAL F.A.R. @1.87	1967.569	Sq.m.
31	PROPOSED COMMERCIAL NON - F.A.R.	21.275	Sq.m.
32	TOTAL COVERED AREA (S.No. 7 + 9 + 14 + 15 + 30 + 31)	69334.527	Sq.m.
CALCULATION OF CARPET AREA (IN Sq.m.)			
i)	TYPE	CARPET AREA	BALCONY AREA
ii)	TYPE - A	59.997	9.308
iii)	TYPE - B	59.928	9.293
iv)	TYPE - B1	59.928	18.941
v)	TYPE - C	50.622	9.301
vi)	TYPE - D	50.640	9.308
vii)	TYPE - E	48.366	9.296
viii)	TOTAL	936	53724.488

Bifurcation of Units											
Tower-1				Tower-2				Tower-3			
Type-A	Type-B	Total	Type	Type-A	Type-B	Total	Type	Type-A	Type-B	Total	Type
1 st Floor	4	4	8	4	4	8	2	4	2	8	2
2 nd Floor	4	4	8	4	4	8	2	4	2	8	2
3 rd Floor	4	4	8	4	4	8	2	4	2	8	2
4 th Floor	4	4	8	4	4	8	2	4	2	8	2
5 th Floor	4	4	8	4	4	8	2	4	2	8	2
6 th Floor	4	4	8	4	4	8	2	4	2	8	2
7 th Floor	4	4	8	4	4	8	2	4	2	8	2
8 th Floor	4	4	8	4	4	8	2	4	2	8	2
9 th Floor	4	4	8	4	4	8	2	4	2	8	2
10 th Floor	4	4	8	4	4	8	2	4	2	8	2
11 th Floor	4	4	8	4	4	8	2	4	2	8	2
12 th Floor	4	4	8	4	4	8	2	4	2	8	2
13 th Floor	4	4	8	4	4	8	2	4	2	8	2
14 th Floor	4	4	8	4	4	8	2	4	2	8	2
Total	56	56	112	56	56	112	28	56	56	112	28
Tower-4											
1 st Floor	4	4	8	4	4	8	2	4	2	8	2
2 nd Floor	4	4	8	4	4	8	2	4	2	8	2
3 rd Floor	4	4	8	4	4	8	2	4	2	8	2
4 th Floor	4	4	8	4	4	8	2	4	2	8	2
5 th Floor	4	4	8	4	4	8	2	4	2	8	2
6 th Floor	4	4	8	4	4	8	2	4	2	8	2
7 th Floor	4	4	8	4	4	8	2	4	2	8	2
8 th Floor	4	4	8	4	4	8	2	4	2	8	2
9 th Floor	4	4	8	4	4	8	2	4	2	8	2
10 th Floor	4	4	8	4	4	8	2	4	2	8	2
11 th Floor	4	4	8	4	4	8	2	4	2	8	2
12 th Floor	4	4	8	4	4	8	2	4	2	8	2
13 th Floor	4	4	8	4	4	8	2	4	2	8	2
14 th Floor	4	4	8	4	4	8	2	4	2	8	2
15 th Floor	4	4	8	4	4	8	2	4	2	8	2
16 th Floor	4	4	8	4	4	8	2	4	2	8	2
17 th Floor	4	4	8	4	4	8	2	4	2	8	2
18 th Floor	4	4	8	4	4	8	2	4	2	8	2
19 th Floor	4	4	8	4	4	8	2	4	2	8	2
20 th Floor	4	4	8	4	4	8	2	4	2	8	2
Total	76	76	152	56	56	112	28	56	56	112	28

- GENERAL NOTES:-
- ALL DIMENSIONS & LEVELS ARE IN MILLIMETERS.
 - ALL THE AREAS INDICATED ARE IN SQ.M.
 - COLUMNS ARE ONLY INDICATIVE AND WILL BE AS PER RELEVANT STRUCTURAL DRAWINGS.
 - WHEREVER AREA IS CALCULATED BY COMPUTER CALCULATION IS THE RESPONSIBILITY OF THE ARCHITECT.
 - ALL LIFT & MACHINE ROOM SHOULD BE AS PER ISI STANDARD.

DRG. TITLE
EXTERNAL SEWERAGE PLUMBING

PROJECT:
SANCTION DRAWING OF PROPOSED AFFORDABLE GROUP HOUSING COLONY OVER AN AREA MEASURING 6.5 ACRES (LICENSE No. 77 DATED - 24/04/2021) IN SECTOR - 88A, GURUGRAM.

Architect's Signature
Developer's Signature

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DATE	SCALE	NORTH
20.11.2021	1:300	↑
DEALT BY	CHKD BY	DRG. NO.
BB	BB	PL-01

LEGEND:

No.	SYMBOL	DESCRIPTION
1.	□	600X600 MM SEWERAGE MANHOLE
2.	○	9100/12000/15000 SEWERAGE MANHOLE
3.	—	SEWERAGE LINE