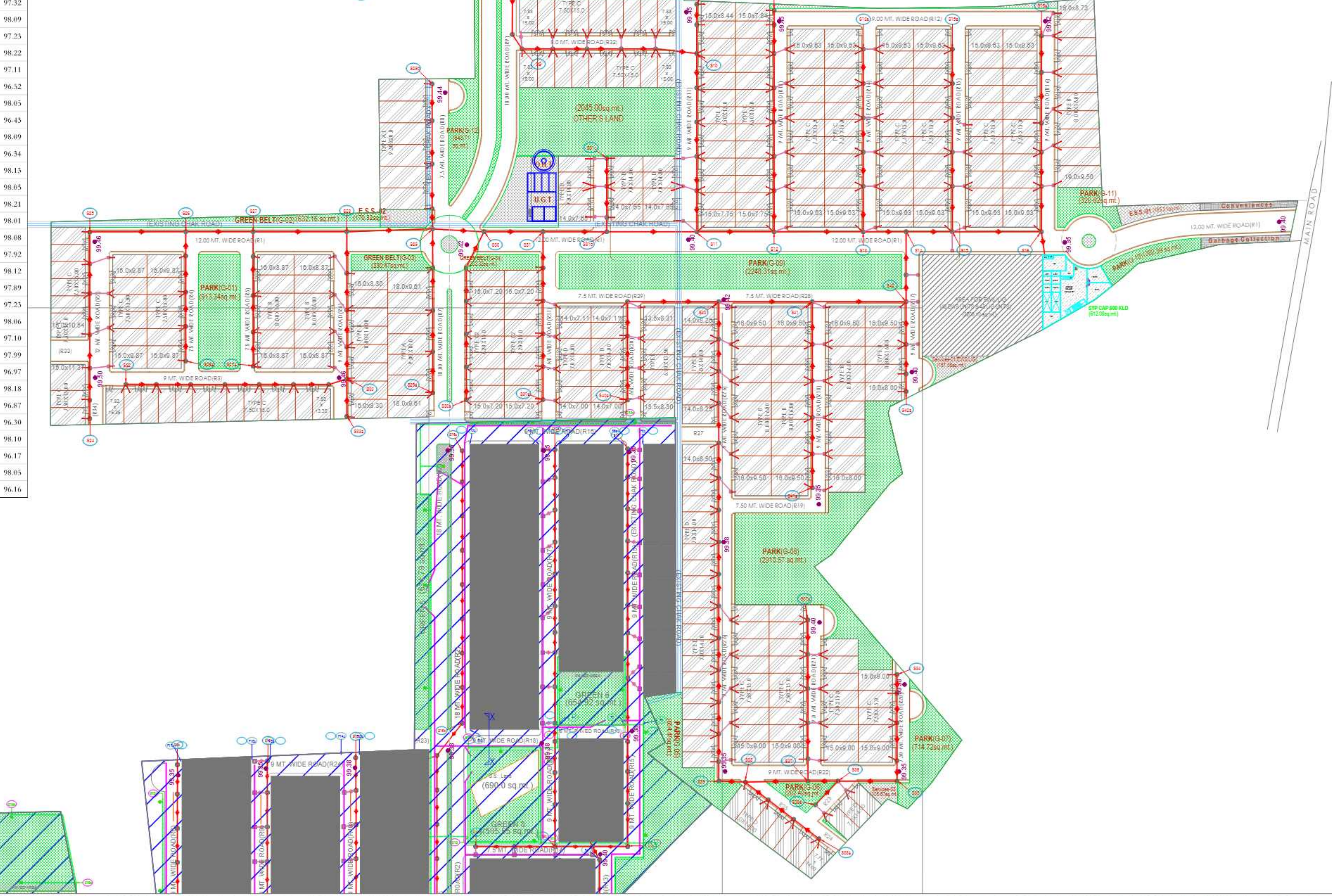




S.No.	Lane No.		Length	Pipe Size dia	Slope (1 in)	Levels at start (mm)		Levels at End (mm)	
	From	To				I.R.L	II. I.R.L		
1.	S1	S2	34.0	200	320	99.60	98.50	99.39	
2.	S2	S3	37.0	200	320	99.60	98.39	98.28	
3.	S3	S4	39.0	200	320	99.60	98.28	98.16	
4.	S4	S5	29.0	200	320	99.60	98.16	97.36	
5.	S5a	S5	18.0	200	320	99.36	98.46	98.40	
6.	S5	S6	56.0	200	320	99.36	98.07	97.89	
7.	S6a	S6	66.0	200	320	99.38	98.48	98.36	
8.	S6	S7	124.0	200	320	99.36	97.89	97.50	
9.	S7a	S7	20.0	200	320	99.36	98.46	98.40	
10.	S7	S8	58.0	200	320	99.36	97.50	97.46	
11.	S18	S18	19.0	200	320	99.60	98.50	96.60	
12.	S18a	S18	15.0	200	320	99.60	98.50	96.60	
13.	S18a	S19	45.0	200	320	99.60	98.44	96.36	
14.	S19a	S19	55.0	200	320	99.36	98.46	98.29	
15.	S19	S20	174.0	200	320	99.36	98.29	97.74	
16.	S21	S22	145.0	200	320	99.54	98.44	97.96	
17.	S22	S23	14.0	200	320	99.46	97.99	96.94	
18.	S23a	S23	147.6	200	320	99.54	98.44	97.98	
19.	S23	S20	17.0	200	320	99.46	97.94	97.89	
20.	S20	S8	16.0	200	320	99.46	97.74	97.69	
21.	S8	S9	59.0	200	320	99.46	97.32	97.38	
22.	S9	S10	78.0	200	320	99.38	97.14	96.89	
23.	S10a	S10	23.0	200	320	99.45	98.35	97.45	
24.	S10	S11	78.0	200	320	99.45	96.89	96.65	
25.	S24	S25	83.0	200	320	99.50	98.40	98.14	
26.	S25a	S26	42.0	200	320	99.46	98.14	98.01	
27.	S26	S26	57.0	200	320	99.46	98.36	96.46	
28.	S26	S27	57.0	200	320	99.46	98.01	97.83	
29.	S27a	S27	57.0	200	320	99.46	98.36	96.46	
30.	S27	S28	57.0	200	320	99.46	97.83	96.18	
31.	S32	S33	57.0	200	320	99.50	98.40	98.22	
32.	S33a	S33	57.0	200	320	99.46	98.36	96.46	
33.	S33	S38	57.0	200	320	99.46	98.18	98.00	
34.	S28	S29	57.0	200	320	99.46	97.65	97.42	

36.	S29a	S29	57.0	200	320	99.42	98.32	99.42	98.14
37.	S29b	S29	65.0	200	320	99.44	98.34	99.42	98.14
37.	S29	S30	25.0	200	320	99.42	97.48	99.42	97.40
38.	S30a	S30	46.0	200	320	99.42	98.32	99.42	98.18
39.	S30	S31	25.0	200	320	99.42	97.40	99.42	97.32
40.	S31a	S31	75.0	200	320	99.42	98.32	99.42	98.09
41.	S31	S31b	27.0	200	320	99.42	97.32	99.42	97.25
42.	S31c	S31b	31.0	200	320	99.42	98.32	99.42	98.22
43.	S31b	S11	40.0	200	320	99.42	97.23	99.40	97.11
44.	S11	S12	34.0	250	430	99.40	96.60	99.40	96.52
45.	S12	S12	97.0	200	320	99.45	98.35	99.40	98.05
46.	S12	S13	40.0	250	430	99.40	96.52	99.40	96.43
47.	S13a	S13	82.0	200	320	99.45	98.35	99.40	98.09
48.	S13	S14	38.0	250	430	99.40	96.43	99.40	96.34
49.	S34	S35	48.0	200	320	99.38	98.28	99.33	98.13
50.	S35	S36	25.0	200	320	99.35	98.13	99.33	98.05
51.	S36a	S36	14.0	200	320	99.33	98.25	99.33	98.21
52.	S36	S37	13.0	200	320	99.35	98.05	99.35	98.01
53.	S37a	S37	70.0	200	320	99.40	98.30	99.33	98.08
54.	S37	S38	28.0	200	320	99.35	98.01	99.33	97.92
55.	S38a	S38	42.0	200	320	99.35	98.25	99.33	98.12
56.	S38	S39	12.0	200	320	99.35	97.92	99.33	97.89
57.	S39	S40	21.0	200	320	99.33	97.89	99.42	97.93
58.	S40a	S40	83.0	200	320	99.42	98.32	99.42	98.06
59.	S40	S41	42.0	200	320	99.43	97.23	99.42	97.10
60.	S41a	S41	82.0	200	320	99.35	98.25	99.42	97.99
61.	S41	S42	42.0	200	320	99.42	97.10	99.40	96.97
62.	S42a	S42	40.0	200	320	99.40	98.30	99.40	98.18
63.	S42	S14	30.0	200	320	99.40	96.97	99.40	96.87
64.	S14	S15	18.0	250	430	99.40	96.34	99.40	96.30
65.	S15a	S15	80.0	200	320	99.45	98.35	99.40	98.10
66.	S15	S16	40.0	300	550	99.40	96.25	99.33	96.17
67.	S16a	S16	86.0	200	320	99.42	98.32	99.33	98.03
68.	S16	STP	10.0	300	550	99.35	96.17	99.33	96.16

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8	ALL MASONRY WALLS SHOULD BE ALIGNED WITH THE COLUMNS AS INDICATED ON THE PLAN. RESPECTIVE OF THE POSITION AS CALCULATED WITH THE DIMENSIONING.
9	FOR PORT DETAILS, REFER RELEVANT LARGE SCALE DETAIL DRGS. AS INDICATED.

SEWER SERVICES LEGEND	
	EXTERNAL SEWER MANHOLE
	BRANCH SEWER MANHOLE (800 x 600) MM
	EXTERNAL SEWER LINE (DIA AS DESIGN CHART & PIPE MATERIAL AS TENDER DOCUMENT)
	800 DIA PVC PIPE, S=1:100 SIZE: 800 x 600 MM

[illegible][illegible]

DRAWING STATUS:

WORKING DRAWING

PROJECT: RESIDENTIAL HOUSING SCHEME ELDECO IMPERIA AT VILLAGE- JAITHKHERA, PARGANA-BIJNAUR, TEHSIL-SAROJINI NAGAR, LUCKNOW INDUSTRIAL DEVELOPMENT AUTHORITY, LUCKNOW

DEVELOPER: ELDECO HOUSING & INDUSTRIES LTD.

ARCHITECT

Ar. SANJAY KR. GUPTA
108, CORPORATE CHAMBER-I,
VIBHUTI KHAND, GOMTI NAGAR,
LUCKNOW
ph.no.- 0522-4065958, 0941511458

MEP CONSULTANTS:

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New Delhi - 110026
Landline : +91-11-46132800, 41030619
Web : www.paradiseconsultants.com

DRAWING TITLE :

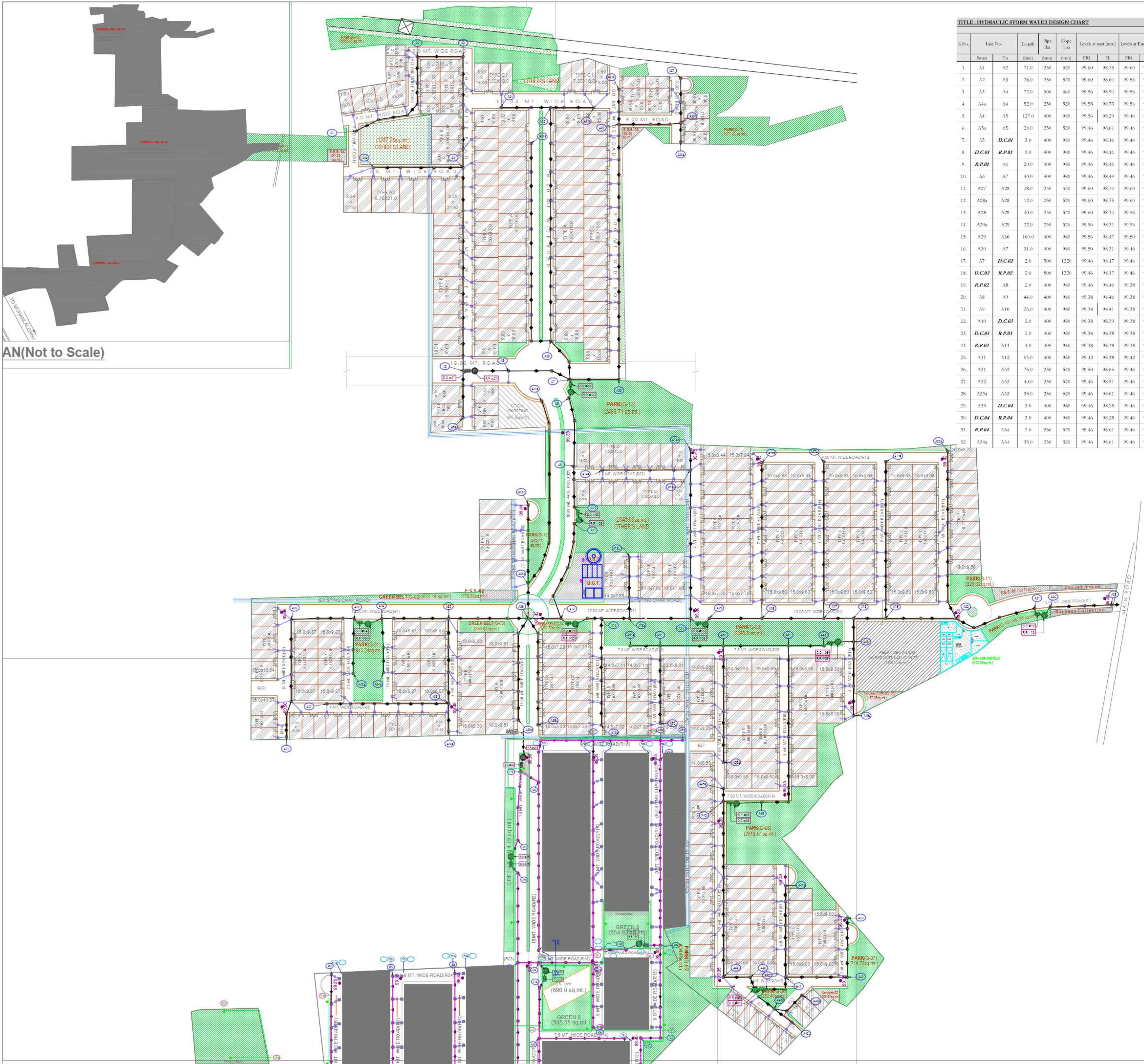
MASTER PLAN

SEWER LAYOUT

scale : 1:800 (A0)	drawn by : T S.RAWAT
date : 07/09/2023	checked by: ANIL
project no : -----	approved by : NAFEES
drawing no :	

PL-PC-IM Phase II-MEP-102

[illegible]



AN(Not to Scale)

TITLE : HYDRAULIC STORM WATER DESIGN CHART									
S.No.	Line No.		Length	Type	Slope	Levels at start (mtr.)		Levels at End (mtr.)	
	From	To				FRL	IL	FRL	IL
1.	A1	A2	77.0	250	520	99.60	98.75	99.60	98.60
2.	A2	A3	28.0	250	520	99.60	98.60	99.56	98.55
3.	A3	A4	72.0	300	660	99.56	98.50	99.56	98.39
4.	A4a	A4	52.0	250	520	99.58	98.73	99.56	98.63
5.	A4	A5	127.0	400	980	99.56	98.29	99.46	98.16
6.	A5a	A5	29.0	250	520	99.46	98.61	99.46	98.55
7.	A5	D.C.01	3.0	400	980	99.46	98.16	99.46	98.16
8.	D.C.01	R.P.01	3.0	400	980	99.46	98.16	99.46	98.15
9.	R.P.01	A6	20.0	400	980	99.46	98.46	99.46	98.44
10.	A6	A7	40.0	400	980	99.46	98.44	99.46	98.40
11.	A27	A28	28.0	250	520	99.60	98.75	99.60	98.70
12.	A28a	A28	12.0	250	520	99.60	98.75	99.60	98.73
13.	A28	A29	4.0	250	520	99.60	98.70	99.56	98.62
14.	A29a	A29	22.0	250	520	99.56	98.71	99.56	98.67
15.	A29	A30	160.0	400	980	99.56	98.47	99.50	98.31
16.	A30	A7	31.0	400	980	99.50	98.31	99.46	98.27
17.	A7	D.C.02	2.0	500	1320	99.46	98.17	99.46	98.17
18.	D.C.02	R.P.02	2.0	500	1320	99.46	98.17	99.46	98.17
19.	R.P.02	A8	2.0	400	980	99.46	98.46	99.38	98.46
20.	A8	A9	44.0	400	980	99.38	98.46	99.38	98.41
21.	A9	A10	26.0	400	980	99.38	98.41	99.38	98.39
22.	A10	D.C.03	2.0	400	980	99.38	98.39	99.38	98.38
23.	D.C.03	R.P.03	2.0	400	980	99.38	98.38	99.38	98.38
24.	R.P.03	A11	4.0	400	980	99.38	98.38	99.38	98.38
25.	A11	A12	63.0	400	980	99.42	98.38	99.42	98.31
26.	A31	A32	75.0	250	520	99.50	98.65	99.46	98.51
27.	A32	A33	40.0	250	520	99.46	98.51	99.46	98.43
28.	A33a	A33	35.0	250	520	99.46	98.61	99.46	98.54
29.	A33	D.C.04	3.0	400	980	99.46	98.28	99.46	98.28
30.	D.C.04	R.P.04	3.0	400	980	99.46	98.28	99.46	98.27
31.	R.P.04	A34	7.0	250	520	99.46	98.61	99.46	98.60
32.	A34a	A34	35.0	250	520	99.46	98.61	99.46	98.54

33.	A34	A35	43.0	400	980	99.46	98.39	99.46	98.35
34.	A37	A38	77.0	250	520	99.50	98.65	99.46	98.50
35.	A38a	A38	18.0	250	520	99.46	98.61	99.46	98.58
36.	A38	A35	55.0	400	980	99.46	98.35	99.46	98.30
37.	A35	A36	49.0	400	980	99.46	98.30	99.42	98.25
38.	A36a	A36	118.0	400	980	99.46	98.46	99.44	98.34
39.	A36c	A36b	50.0	250	520	99.44	98.39	99.44	98.49
	A36b	A36	21.0	400	980	99.44	98.34	99.42	98.32
40.	A36d	A36	70.0	250	520	99.42	98.57	99.42	98.44
41.	A36c	A36	22.0	250	520	99.42	98.57	99.42	98.53
42.	A36	A12	20.0	600	1650	99.42	98.09	99.42	98.07
43.	A12	D.C.05	2.0	600	1650	99.42	98.07	99.42	98.07
44.	D.C.05	R.P.05	2.0	600	1650	99.42	98.07	99.40	98.07
45.	R.P.05	A13	15.0	500	1320	99.42	98.32	99.42	98.31
46.	A13a	A13	67.0	250	520	99.42	98.57	99.42	98.44
47.	A13	A13b	18.0	500	1320	99.42	98.19	99.42	98.18
48.	A13c	A13b	10.0	250	520	99.42	98.57	99.42	98.49
49.	A13b	A14	58.0	500	1320	99.42	98.18	99.40	98.15
50.	A14a	A14b	58.0	250	520	99.45	98.60	99.45	98.49
51.	A14c	A14b	14.0	250	520	99.45	98.60	99.45	98.57
52.	A14b	A14	94.0	400	980	99.45	98.34	99.40	98.25
53.	A14	D.C.06	2.0	600	1650	99.40	98.05	99.40	98.05
54.	D.C.06	R.P.06	2.0	600	1650	99.40	98.05	99.40	98.04
55.	R.P.06	A15	2.0	500	1320	99.40	98.30	99.40	98.30
56.	A15	A16	34.0	500	1320	99.40	98.30	99.40	98.27
57.	A16a	A16	100.0	250	520	99.45	98.60	99.40	98.41
58.	A16	A17	38.0	500	1320	99.40	98.16	99.40	98.13
59.	A17a	A17	100.0	250	520	99.45	98.60	99.40	98.41
60.	A17	A18	19.0	600	1650	99.40	98.03	99.40	98.02
61.	A39	A40	38.0	250	520	99.38	98.53	99.35	98.46
62.	A40	A41	38.0	250	520	99.35	98.46	99.35	98.38
63.	A41a	A41	50.0	250	520	99.40	98.25	99.35	98.14
64.	A41	A42	21	400	980	99.35	97.99	99.35	97.97

65.	A42a	A42b	20.0	250	520	99.35	98.50	99.35	98.46
66.	A42c	A42b	14.0	250	520	99.35	98.50	99.35	98.47
67.	A42b	A42	22.0	250	520	99.35	98.46	99.35	98.42
68.	A42	D.C.07	2.0	400	980	99.45	97.97	99.35	97.96
69.	D.C.07	R.P.07	2.0	400	980	99.35	97.96	99.35	97.96
70.	R.P.07	A43	7.0	250	520	99.35	98.50	99.35	98.49
71.	A43	A44	18.0	250	520	99.35	98.49	99.35	98.45
72.	A44	A45	113.0	400	980	99.35	98.30	99.38	98.19
73.	A45a	A45	8.0	250	520	99.38	98.53	99.38	98.51
74.	A45	D.C.08	2.0	400	980	99.38	98.19	99.38	98.18
75.	D.C.08	R.P.08	2.0	400	980	99.38	98.18	99.38	98.18
76.	R.P.08	A46	14.0	400	980	99.38	98.38	99.35	98.37
77.	A46	A47	115.0	400	980	99.35	98.37	99.42	98.25
78.	A50	A51	49.0	250	520	99.42	98.57	99.42	98.48
79.	A51a	A51	19.0	250	520	99.42	98.57	99.42	98.53
80.	A51	A52	40.0	250	520	99.42	98.48	99.42	98.40
81.	A52a	A52	73.0	250	520	99.38	98.53	99.42	98.39
82.	A52	A47	41.0	400	980	99.42	98.24	99.42	98.20
83.	A47	A48	22.0	500	1320	99.42	98.10	99.42	98.08
84.	A48	D.C.09	2.0	500	1320	99.42	98.08	99.42	98.08
85.	D.C.09	R.P.09	2.0	500	1320	99.42	98.08	99.42	98.08
86.	R.P.09	A49	9.0	400	980	99.42	98.42	99.40	98.41
87.	A49a	A49	47.0	250	520	99.40	98.55	99.40	98.46
88.	A49	A18	15.0	400	980	99.40	98.31	99.40	98.29
89.	A18	A19	20.0	700	2120	99.40	97.92	99.40	97.91
90.	A19a	A19	100.0	400	980	99.45	98.45	99.40	98.35
91.	A19	A20	45.0	700	2120	99.40	97.91	99.35	97.89
92.	A20a	A20	105.0	400	980	99.42	98.42	99.35	98.31
93.	A20	A21	52.0	700	2050	99.35	97.89	99.35	97.86
94.	A21	D.C.10	5.0	700	2050	99.35	97.86	99.35	97.86
95.	D.C.10	R.P.10	5.0	700	2050	99.35	97.86	99.35	97.86
96.	R.P.10	A22	5.0	500	1320	99.35	98.25	99.40	98.25
97.	A22	A23	39.0	600	1650	99.40	98.15	99.40	98.12
98.	A23	To External	10.0	600	1650	99.40	98.12	99.40	98.12

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8.

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STORM SERVICES LEGEND

EXTERNAL STORM WATER MANHOLE

CATCH BASIN (450 x 450 MM)

BRANCH STORM WATER MANHOLE (600 x 600 MM)

1000 DVC STORM WATER BRANCH LINE (SLOPE 0.01:100)

EXTERNAL STORM WATER LINE (CA as per DDO CHART & P&E)

1000 DVC PIPE (S1:100)

600 DVC PIPE (S1:100)

450 DVC PIPE (S1:100)

300 DVC PIPE (S1:100)

225 DVC PIPE (S1:100)

150 DVC PIPE (S1:100)

100 DVC PIPE (S1:100)

75 DVC PIPE (S1:100)

50 DVC PIPE (S1:100)

300 DVC MANHOLE (S1:100)

225 DVC MANHOLE (S1:100)

150 DVC MANHOLE (S1:100)

100 DVC MANHOLE (S1:100)

75 DVC MANHOLE (S1:100)

50 DVC MANHOLE (S1:100)

300 DVC MANHOLE (S1:100)

225 DVC MANHOLE (S1:100)

150 DVC MANHOLE (S1:100)

100 DVC MANHOLE (S1:100)

75 DVC MANHOLE (S1:100)

50 DVC MANHOLE (S1:100)

300 DVC MANHOLE (S1:100)

225 DVC MANHOLE (S1:100)

150 DVC MANHOLE (S1:100)

100 DVC MANHOLE (S1:100)

75 DVC MANHOLE (S1:100)

50 DVC MANHOLE (S1:100)

300 DVC MANHOLE (S1:100)

225 DVC MANHOLE (S1:100)

150 DVC MANHOLE (S1:100)

100 DVC MANHOLE (S1:100)

75 DVC MANHOLE (S1:100)

50 DVC MANHOLE (S1:100)

300 DVC MANHOLE (S1:100)

225 DVC MANHOLE (S1:100)

150 DVC MANHOLE (S1:100)

100 DVC MANHOLE (S1:100)

75 DVC MANHOLE (S1:100)

50 DVC MANHOLE (S1:100)

300 DVC MANHOLE (S1:100)

225 DVC MANHOLE (S1:100)

150 DVC MANHOLE (S1:100)

100 DVC MANHOLE (S1:100)

75 DVC MANHOLE (S1:100)

50 DVC MANHOLE (S1:100)

300 DVC MANHOLE (S1:100)

225 DVC MANHOLE (S1:100)

150 DVC MANHOLE (S1:100)

100 DVC MANHOLE (S1:100)

75 DVC MANHOLE (S1:100)

50 DVC MANHOLE (S1:100)