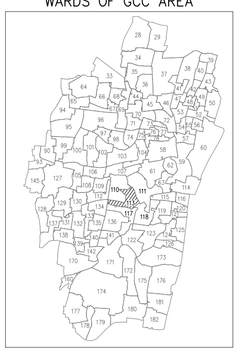
LIST OF POINTS

Sl No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL Drain Top(m)	MSL LEVEL Invert (m)	MSL LEVEL Road Edge (m)	DRAIN DIMENSIONS Width (m)	DRAIN DIMENSIONS Depth (m)
1	A1 (OL)	C	7.211	6.060	6.721	0.901	1.000
2	A2	C	6.548	–	6.408	–	–
3	B1 (OL)	C	7.014	6.013	6.639	0.901	0.800
4	B2	C	6.675	5.474	6.309	0.901	0.500
5	B3	C	6.516	–	6.259	–	–
6	B4	C	6.589	5.686	6.538	1.101	0.702
7	B5	C	6.450	5.449	6.369	1.001	0.800
8	B6	C	6.525	–	6.387	–	–
9	B7	C	7.021	–	6.792	–	–
10	C1	C	6.683	5.682	6.447	1.001	0.800
11	C2	C	6.742	–	6.673	–	–
12	C3	C	7.214	–	6.986	–	–
13	C4	C	8.445	7.644	8.370	1.001	0.586
14	D1 (OL)	C	6.174	–	6.127	–	–
15	D2	C	6.471	–	6.349	–	–
16	D3	C	6.899	4.698	6.730	1.001	1.300
17	D4	C	6.758	5.557	6.616	1.001	1.000
18	D5	C	7.032	5.931	6.924	1.001	0.850
19	D6	C	7.047	5.846	6.992	0.681	1.050
20	D7	C	7.195	6.094	7.098	1.501	0.900
21	D8	C	7.160	5.659	7.042	1.501	1.300
22	D9	C	7.028	6.227	7.066	1.001	0.650
23	D10	C	7.256	–	7.266	–	–
24	D11	C	7.740	–	7.541	–	–
25	D12	C	7.612	–	7.458	–	–
26	D13	C	7.405	6.304	7.422	1.101	0.853
27	D14	C	7.734	6.583	7.803	1.151	0.950
28	D15	C	8.115	7.114	8.029	1.001	0.800
29	D16	C	8.343	7.392	8.264	1.001	0.650
30	D17	C	–	–	–	–	–
31	D18	C	7.916	6.712	7.827	1.001	1.053
32	D19	C	7.894	7.693	7.859	1.001	0.050
33	D20	C	7.062	–	7.014	–	–
34	D21	C	7.245	–	7.183	–	–
35	D22	C	7.166	–	7.115	–	–
36	D23	C	–	–	–	–	–
37	D24	C	7.393	6.042	7.362	0.681	1.200
38	D25	C	7.437	6.096	7.198	0.601	1.140
39	D26	C	7.367	6.466	7.198	0.701	0.750
40	D27	C	7.432	–	7.421	–	–
41	D28	C	7.415	–	7.252	–	–
42	D29	C	6.986	5.685	6.997	0.601	1.101
43	D30	C	7.198	5.897	6.999	0.561	1.150
44	D31	C	7.098	6.497	7.023	0.561	0.450
45	D32	C	7.420	–	7.394	–	–
46	D33	C	7.198	6.197	7.161	0.901	0.850
47	D34	C	7.466	–	7.266	–	–
48	D35	C	7.537	–	7.309	–	–
49	D36	C	7.361	6.560	7.352	0.801	0.650
50	D37	C	7.254	–	7.166	–	–
51	D38	C	7.342	–	7.234	–	–
52	D39	C	7.372	6.371	7.278	0.601	0.801
53	D40	C	7.633	–	7.423	–	–
54	D41	C	7.058	–	6.918	–	–
55	D42	C	7.909	7.608	7.734	1.001	0.100
56	D43	C	8.677	8.126	8.431	1.001	0.338
57	D44	C	6.790	5.789	6.802	0.691	0.886
58	D45	C	7.043	6.142	6.865	0.601	0.700
59	D46	C	7.007	6.406	6.865	0.681	0.451
60	D47	C	7.411	–	7.301	–	–
61	D48	C	6.755	–	6.766	–	–
62	D49	C	6.792	–	6.807	–	–
63	D50	C	6.822	5.921	6.768	0.601	0.751
64	D51	C	6.921	5.670	6.790	0.601	1.101
65	D52	C	6.220	–	5.957	–	–
66	D53	C	6.282	–	6.148	–	–
67	D54	C	6.485	–	6.490	–	–
68	D55	C	6.608	–	6.537	–	–
69	D56	C	6.838	6.087	6.737	0.601	0.601
70	D57	C	7.470	–	7.189	–	–
71	E1	C	6.834	6.083	6.594	1.001	0.250
72	E2	C	6.928	5.677	6.739	1.001	1.000
73	E3	C	7.206	–	7.002	–	–
74	F1	C	6.531	5.780	6.499	1.001	0.350
75	F2	C	6.765	5.764	6.604	0.601	0.851
76	F3	C	7.014	5.913	6.831	0.601	0.900
77	F4	C	6.995	–	6.852	–	–
78	F5	C	6.715	6.264	6.691	0.601	0.200
79	F6	C	6.619	5.718	6.663	0.601	0.500
80	F7	C	6.636	5.535	6.678	0.781	0.700
81	F8	C	6.732	–	6.719	–	–
82	F9	C	6.944	6.043	6.687	1.601	0.700
83	G1	C	6.132	–	5.916	–	–
84	G2	C	6.294	5.593	6.266	1.001	0.550
85	G3	C	6.758	–	6.697	–	–
86	G4	C	6.935	6.634	6.921	0.681	0.100
87	G5	C	6.689	–	6.679	–	–
88	G6	C	6.746	5.745	6.646	0.781	0.850
89	G7	C	7.034	–	7.021	–	–
90	H1	C	5.724	5.173	5.692	0.901	0.400
91	H2	C	5.852	5.051	5.751	0.901	0.650
92	H3	C	6.168	5.167	6.271	0.901	0.851
93	H4	C	6.410	6.109	6.289	0.661	0.150
94	H5	C	6.146	–	6.050	–	–
95	H6	C	6.199	5.998	6.018	1.001	0.051
96	H7	C	6.652	6.451	6.503	1.001	0.050
97	I1	C	7.018	5.917	6.938	0.981	0.850
98	I2	C	7.805	6.704	7.594	0.781	0.800
99	I3	C	7.915	7.114	7.647	0.781	0.600
100	I4	C	7.053	5.952	6.968	0.901	0.600
101	I5	C	7.118	–	6.986	–	–
102	I6	C	7.030	–	6.967	–	–
103	I7	C	7.081	–	6.921	–	–
104	I8	C	6.975	6.074	6.814	1.001	0.750
105	I9	C	6.616	5.765	6.558	0.981	0.650
106	I10	C	6.817	–	6.815	–	–

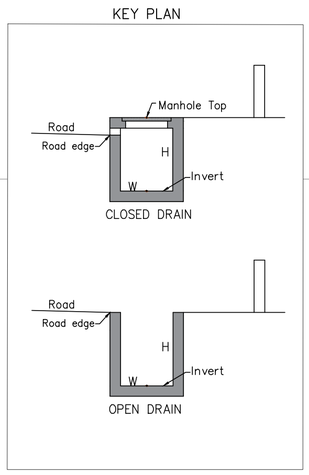
LIST OF CONTROL POINTS

Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	T141	13°03'14.215"N	80°13'35.667"E	416144.509	1443229.554	9.38	On top of RCC Basement

WARDS OF GCC AREA



KEY PLAN



SCALE 1 : 5,000

250m 200 150 100 50 0 250 500m

1CM=50m

PROJECTION:
The metric grid on this sheet is the UTM grid, Zone 44 N, WGS 84 Spheroid, M.S.L. Datum. All Dimensions are in Metres.

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SHEET HISTORY:
Base map compiled from the details/data provided by Greater Chennai Corporation (GCC) Surveyed between 22th January to 26th January 2021

Produced for the Project of Real Time Flood Forecasting and Spatial Decision Support System For Chennai by SECON-JBA under the World Bank funded Project Development Grant Fund (PDGF).

Control Point Located on Ward–112

T141 13°03'14.215"N 80°13'35.667"E

LEGEND
- Drain Outlet
- Drain With Reverse Gradient
- "–" : Manhole's Inside not Accessible

Roads: main; others; mud. Cart track.

Temple. Chhatri. Shrine. Mosque. Idgah. Tomb. Church.

Railways: broad gauge with station; bridge; metro.

Boundary: state; district; taluk.

Boundary: CMA; zone; ward.

Roads: without drain; with oneside drain; with both side drain.

Road with reverse gradient drain.

Spaced names: locality; village.

A L W A R P E T Kolathur

Drains: stormwater; feeder with flow direction. Invert level.

Canal. Outlet.Inundated area by privious flood,.

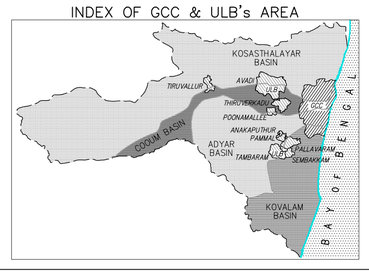
Bridge with piers. Culvert. Flyover. Subway. Sewage line.

River:dry with water channel; with island & rocks.Tidal river.

Streams: perennial; non perennial; Single line: defined. Tank.

Rain water Harvesting.Stormwater pumping station.

INDEX OF GCC & ULB's AREA



CLIENT	GREATER CHENNAI CORPORATION (GCC) REPRESENTING COMMISSIONERATE OF REVENUE ADMINISTRATION AND DISASTER MANAGEMENT
FUNDED BY	PROJECT DEVELOPMENT GRANT FUND (PDGF) (Managed by Tamil Nadu Urban Infrastructure Financial Services Limited)
PROJECT	PLANNING, SETTING UP AND OPERATIONALIZING REAL TIME FLOOD FORECASTING SPATIAL DECISION SUPPORT SYSTEM FOR CHENNAI
TITLE	BASE MAP - STORM WATER DRAIN WARD No. 113, ZONE IX - TEYNAMPET NAGAR
PROJECT CONSULTANTS	SECON - JBA Consulting (India) (U.K.) JV
SHEET No. 61 OF 114	SCALE 1:5000
DRAWING No.	CFM/SWD/WARD–61
REV.	0