LIST OF POINTS

SI 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	C	7.728	6.700	7.551	0.902	0.823
2	A2	C	7.754	6.629	7.769	0.801	0.936
3	A3	C	8.387	7.098	8.373	1.009	0.886
4	A4	C	8.459	7.624	8.464	1.005	0.633
5	A5	C	8.994	7.843	8.634	1.002	0.350
6	A6	C	8.508	7.608	8.372	0.950	0.380
7	A7	C	8.530	6.960	8.398	0.900	1.100
8	A8	C	8.574	–	8.545	–	–
9	A9	C	8.184	7.283	8.022	0.895	0.451
10	A10	C	8.104	7.202	8.023	0.805	0.492
11	A11	C	8.383	–	8.105	–	–
12	A12	C	8.088	6.418	7.930	1.065	0.658
13	A13	C	7.416	7.129	7.495	1.003	0.102
14	A14	C	8.239	6.732	8.241	1.060	0.482
15	A15	C	8.111	7.208	8.131	1.025	0.614
16	B1	C	7.827	6.414	7.719	0.713	1.158
17	B2	C	7.859	6.602	7.668	1.251	1.028
18	B3	C	7.717	6.542	7.764	1.205	0.869
19	B4	C	8.114	6.608	8.053	0.905	0.547
20	B5	C	8.145	6.734	7.863	0.995	1.099
21	B6	C	7.848	6.538	7.674	1.115	0.987
22	B7	C	7.895	6.497	7.753	1.107	0.933
23	B8	C	7.887	6.482	7.621	1.110	0.993
24	B9	C	7.675	6.752	7.656	0.807	0.508
25	B10	C	8.080	6.872	7.833	0.710	0.545
26	B11	C	7.687	6.775	7.717	0.803	0.685
27	B12	C	7.859	–	7.845	–	–
28	B13	C	7.850	6.758	7.670	0.653	0.489
29	B14	C	8.023	7.242	7.896	0.695	0.479
30	B15	C	7.673	6.342	7.674	0.605	0.576
31	B16	C	7.717	6.608	7.537	0.660	0.797
32	B17	C	7.670	6.557	7.580	0.619	0.803
33	B18	C	7.690	6.693	7.537	0.613	0.702
34	B19	C	7.707	6.598	7.607	0.655	0.726
35	B20	C	7.746	6.834	7.524	0.619	0.754
36	B21	C	7.874	6.956	7.718	0.691	0.609
37	B22	C	7.852	6.942	7.742	0.616	0.598
38	B23	C	7.719	6.824	7.628	0.651	0.580
39	B24	C	7.890	7.000	7.860	0.651	0.634
40	C1	C	6.918	5.810	6.907	0.715	0.893
41	C2	C	6.919	6.084	6.666	0.710	0.632
42	C3	C	6.755	5.705	6.733	0.822	0.797
43	C4	C	6.763	5.690	6.747	0.901	0.841
44	C5	C	6.846	5.841	6.892	0.810	0.790
45	C6	C	6.923	6.236	6.952	0.808	0.498
46	C7	C	6.924	6.012	6.995	0.925	0.683
47	C8	C	7.064	5.754	7.039	0.809	0.691
48	C9	C	7.164	5.762	7.063	0.919	0.512
49	C10	C	6.876	–	6.834	–	–
50	C11	C	7.233	5.948	7.131	1.108	0.567
51	C12	C	7.601	6.798	7.441	1.007	0.191
52	C13	C	7.707	6.488	7.550	1.003	0.541
53	C14	C	7.888	7.270	7.881	1.008	0.103
54	C15	C	8.497	7.185	8.217	1.002	0.637
55	C16	C	7.478	–	7.479	–	–
56	C17	C	7.416	–	7.400	–	–
57	C18	C	8.034	4.722	7.998	1.209	2.507
58	C19	C	8.044	5.334	7.887	1.007	1.909
59	C20	C	7.909	6.099	7.801	0.916	0.500
60	C21	C	8.313	6.457	8.188	0.957	0.651
61	C22	C	8.328	6.613	8.243	1.095	0.695
62	C23	C	7.996	6.641	7.877	0.650	0.462
63	C24	C	7.836	–	7.851	–	–
64	C25	C	8.400	–	8.286	–	–
65	C26	C	8.267	–	8.232	–	–
66	C27	C	8.391	7.281	8.381	0.671	0.900
67	C28	C	8.159	7.247	8.024	0.655	0.597
68	C29	C	8.233	7.023	8.136	0.906	0.255
69	C30	C	8.148	6.863	8.065	1.065	0.434
70	C31	C	8.624	6.944	8.645	1.090	0.620
71	C32	C	8.702	6.942	8.522	1.000	0.840
72	C33	C	8.766	7.316	8.553	0.730	1.020
73	C34	C	8.811	7.231	8.662	0.700	0.600
74	C35	C	9.197	7.347	9.053	0.660	0.900
75	C36	C	9.117	7.617	8.993	0.680	0.540
76	C37	C	9.159	–	9.105	–	–
77	C38	C	8.857	7.307	8.942	1.000	0.950
78	C39	C	8.737	7.467	8.796	0.970	1.100
79	C40	C	8.932	7.881	8.912	1.002	0.701
80	C41	C	8.104	7.087	8.027	1.005	0.794
81	C42	C	8.141	7.071	8.122	0.790	0.670
82	C43	C	8.439	–	8.402	–	–
83	C44	C	8.400	6.730	8.473	1.070	1.490
84	C45	C	8.297	6.797	8.261	1.000	0.950
85	C46	C	8.216	6.776	8.019	0.950	0.740
86	C47	C	8.338	7.068	8.358	0.850	1.090
87	C48	C	8.183	6.883	8.228	1.000	1.100
88	C49	C	8.077	7.367	8.116	0.950	0.460
89	C50	C	8.225	6.375	8.172	0.750	1.700
90	C51	C	8.136	–	8.101	–	–
91	C52	C	7.984	7.284	7.964	1.270	0.380
92	C53	C	8.107	6.957	8.009	0.800	0.950
93	C54	C	8.250	7.530	8.296	1.000	0.390
94	C55	C	8.076	7.256	8.079	0.870	0.630
95	C56	C	8.551	7.331	8.505	0.620	0.760
96	C57	C	8.235	7.295	8.222	0.900	0.710
97	C58	C	8.081	–	7.829	–	–
98	C59	C	8.202	7.232	7.946	0.780	0.770
99	C60	C	8.105	7.175	7.906	0.750	0.730
100	C61	C	8.359	–	8.304	–	–
101	C62	C	8.135	7.065	8.087	0.800	0.650
102	C63	C	8.126	7.226	8.024	0.750	0.740
103	C64	C	8.152	7.302	8.102	0.950	0.650
104	C65	C	8.182	7.242	8.097	1.000	0.740
105	C66	C	8.143	7.273	7.961	1.050	0.700
106	C67	C	8.098	7.368	8.009	0.750	0.530
107	C68	C	8.008	7.208	7.947	0.750	0.610
108	C69	C	8.193	7.093	8.187	1.150	0.850
109	C70	C	8.077	7.127	8.075	0.750	0.650
110	C71	C	6.958	5.723	6.970	0.815	0.901
111	C72	C	6.967	5.874	6.799	0.812	0.774
112	C73	C	6.791	5.988	6.779	0.810	0.618
113	C74	C	6.890	6.089	6.931	0.803	0.608
114	C75	C	7.049	6.244	7.038	0.816	0.604
115	C76	C	6.992	5.985	7.025	0.915	0.627
116	C77	C	7.178	6.359	7.025	0.601	0.602
117	C78	C	7.376	6.451	7.344	0.605	0.716
118	C79	C	7.283	–	7.298	–	–
119	C80	C	7.284	6.791	7.336	0.810	0.182
120	C81	C	7.439	6.524	7.366	0.812	0.601
121	C82	C	7.613	6.672	7.603	0.801	0.490
122	C83	C	7.460	6.641	7.471	0.751	0.604
123	C84	C	7.398	6.486	7.393	0.756	0.702
124	C85	C	7.561	6.667	7.567	0.719	0.689
125	C86	C	7.752	7.157	7.488	0.605	0.285
126	C87	C	7.436	6.676	7.475	0.812	0.438
127	C88	C	6.781	–	6.935	–	–
128	C89	C	6.996	–	7.003	–	–
129	C90	C	7.220	6.697	7.137	0.610	0.068
130	C91	C	7.189	6.126	7.199	0.691	0.751
131	C92	C	7.249	6.556	7.232	0.665	0.504
132	C93	C	7.519	6.218	7.509	0.858	1.046
133	C94	C	7.500	6.285	7.483	0.801	0.760
134	C95	C	7.501	6.184	7.506	0.705	1.002
135	C96	C	7.742	7.049	7.741	0.701	0.391
136	C97	C	7.415	6.313	7.341	0.655	0.852
137	C98	C	7.299	6.487	7.243	0.612	0.602
138	C99	C	6.985	6.273	6.953	0.985	0.527
139	C100	C	6.962	6.152	6.873	0.819	0.614
140	C101	C	6.737	6.025	6.667	0.810	0.407
141	C102	C	6.715	5.805	6.558	0.791	0.598
142	C103	C	6.749	6.139	6.555	0.810	0.400
143	C104	C	6.934	6.003	6.728	0.801	0.642
144	D1	C	6.963	5.265	6.662	1.506	1.479
145	D2	C	7.100	5.410	6.748	1.505	1.435
146	D3	C	7.123	5.915	7.012	1.315	0.977
147	D4	C	6.998	–	7.061	–	–
148	D5	C	7.117	6.204	7.213	0.805	0.594
149	D6	C	6.871	5.675	6.881	0.912	0.841

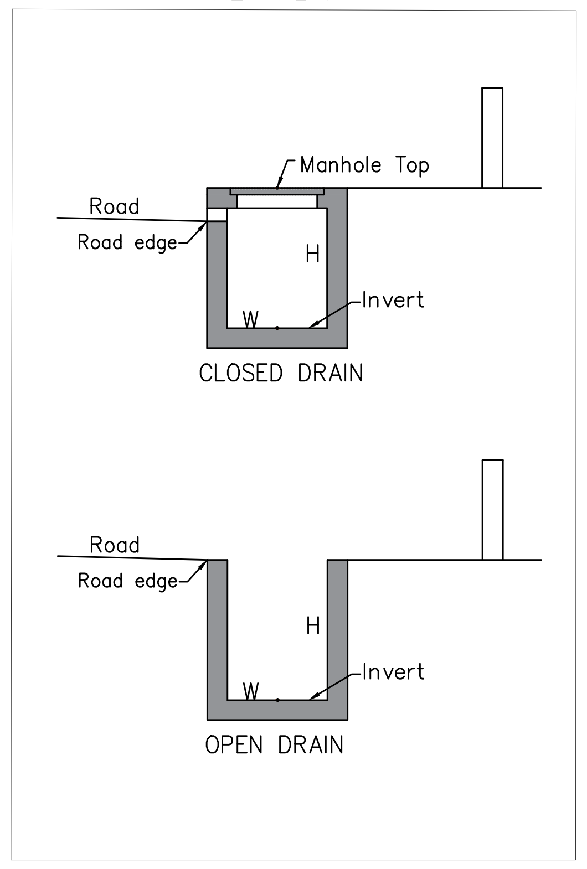
LEGEND

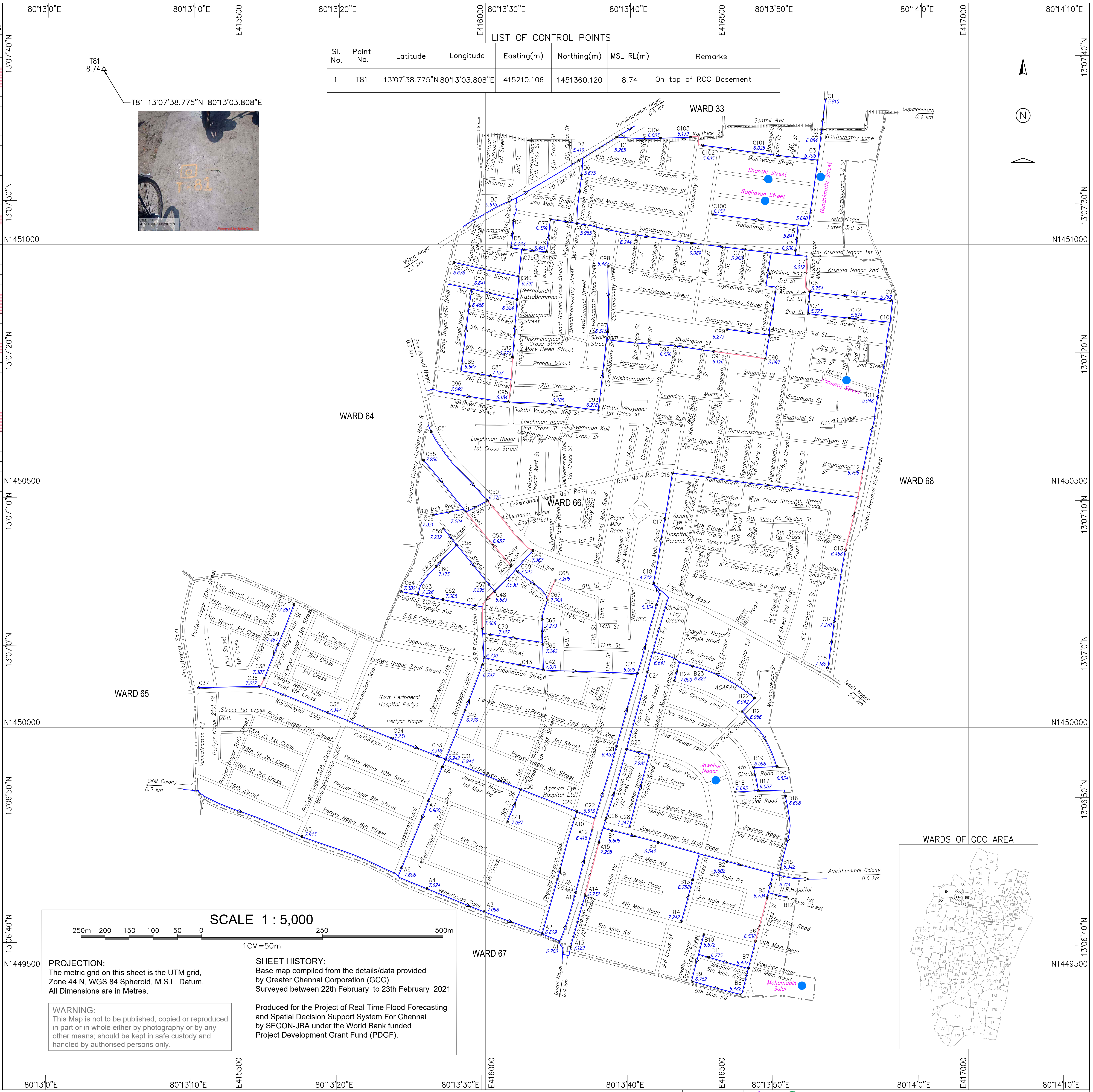
🟦 Drain Outlet

🟥 Drain With Reverse Gradient

"–" : Manhole's Inside not Accessible

KEY PLAN





LIST OF CONTROL POINTS

Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	T81	13°07'38.775"N	80°13'03.808"E	415210.106	1451360.120	8.74	On top of RCC Basement

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.

WARNING:
This Map is not to be published, copied or reproduced in part or in whole either by photography or by any other means; should be kept in safe custody and handled by authorised persons only.

SHEET HISTORY:
Base map compiled from the details/data provided
by Greater Chennai Corporation (GCC)
Surveyed between 22th February to 23th February 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).

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. 6.875

Canal. Outlet.Inundated area by privious flood,.

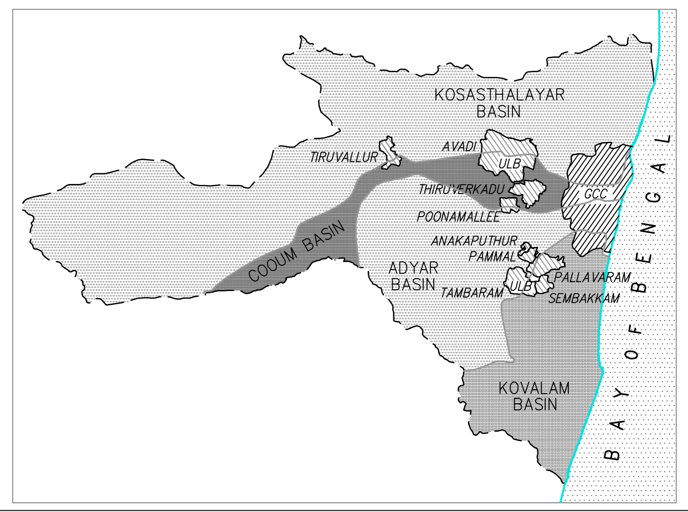
Bridge with piers. Culvert. Flyover. Subway. Sewage line.

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

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

Rain water Harvesting.Stormwater pumping station. RWH

INDEX OF GCC & ULB's AREA



CLIENT	GREATER CHENNAI CORPORATION (GCC) REPRESENTING COMMISSIONERATE OF REVENUE ADMINISTRATION AND DISASTER MANAGEMENT
FUNDED BY	TNUIFSL 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. 66, ZONE VI - THIRU-VIKA-NAGAR
PROJECT CONSULTANTS	SECON (India) - JBA Consulting (U.K.) JV

SHEET No.	SCALE	DRAWING No.	REV.
85 OF 114	1:5000	CFM/SWD/WARD–85	0