

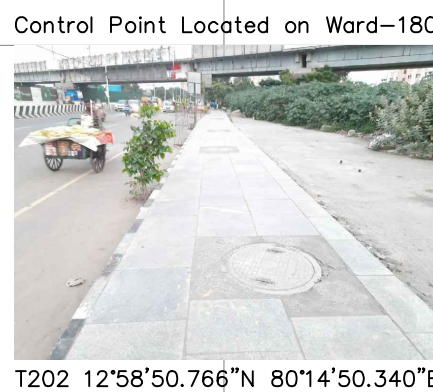
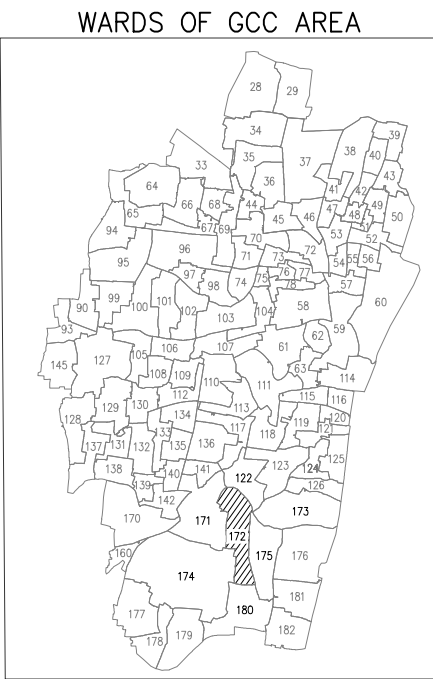
LIST OF POINTS						
SI No.	MANHOLE ID	DRAIN Closed(O) /Open(O)	MSL LEVEL		DRAIN DIMENSIONS	
			Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)
1	A1 (OL)	C	1.927	0.877	1.791	0.600
2	A2	C	2.515	1.565	2.235	0.600
3	A3	C	2.603	1.553	2.486	0.600
4	A4	C	2.667	1.617	2.408	0.600
5	A5 (OL)	C	2.431	1.984	2.065	0.600
6	A6	C	2.216	1.186	2.093	0.600
7	A7	C	2.423	1.373	2.093	0.600
8	A8 (OL)	C	2.141	1.141	2.126	0.600
9	A9	C	2.520	1.670	2.528	0.600
10	A10	C	3.203	2.380	3.240	0.600
11	A11	C	3.998	3.198	3.980	0.600
12	A12	C	4.817	3.817	4.530	0.600
13	B1	C	6.130	5.530	6.190	0.900
14	B2	C	6.093	4.823	5.913	0.880
15	B3	C	6.297	4.797	6.147	0.900
16	B4	C	6.350	4.830	6.170	0.900
17	B5	C	—	—	—	—
18	B6	C	6.204	4.784	6.054	0.860
19	C1	C	6.989	5.739	6.819	0.900
20	C2	C	5.813	4.331	5.661	0.860
21	C3	C	6.105	4.605	5.935	0.880
22	C4	C	6.862	4.612	6.712	0.880
23	C5	C	5.731	5.331	5.651	0.600
24	C6	C	5.607	2.284	5.263	1.700
25	C7	C	5.276	4.976	5.126	0.600
26	C8	C	5.389	4.989	5.489	0.850
27	C9	C	5.460	5.040	5.560	0.600
28	C10	C	5.022	5.312	5.953	0.850
29	C11	C	5.401	5.051	5.481	0.850
30	C12	C	5.949	5.299	5.919	0.820
31	D1 (OL)	C	5.198	4.058	4.878	0.880
32	D2	C	4.437	3.327	4.357	0.860
33	D3	C	4.425	2.835	4.305	0.860
34	D4	C	5.434	3.584	5.140	0.860
35	D5	C	5.439	4.299	5.539	0.600
36	D6	C	5.645	4.895	5.745	0.900
37	D7	C	5.880	5.030	5.730	0.900
38	D8	C	6.072	5.572	6.072	0.900
39	D9	C	—	—	—	—
40	D10	C	5.975	2.725	5.075	0.860
41	D11	C	4.599	3.289	4.299	0.850
42	D12	C	4.304	3.574	4.304	0.650
43	D13	C	4.713	3.863	4.023	0.650
44	D14	C	5.064	4.414	5.440	0.650
45	D15	C	5.013	4.043	4.993	0.600
46	E1 (OL)	C	5.518	4.268	5.378	0.860
47	E2	C	5.682	4.362	5.562	0.860
48	E3	C	5.136	3.886	4.986	0.880
49	E4	C	5.342	4.142	5.242	0.860
50	E5	C	5.717	4.437	5.617	0.600
51	E6	C	5.694	4.404	5.694	0.610
52	E7	C	5.355	4.155	5.235	0.600
53	E8	C	5.703	4.373	5.773	0.900
54	E9	C	6.027	4.207	6.027	0.600
55	E10	C	5.972	4.402	5.802	0.600
56	E11	C	5.813	4.573	5.733	0.700
57	E12	C	5.735	4.465	5.655	0.860
58	E13	C	5.642	4.722	5.612	0.870
59	E14	C	5.368	4.168	5.234	0.610
60	E15	C	5.439	5.245	5.395	0.870
61	F1 (OL)	C	5.063	2.363	4.893	3.450
62	F2	C	4.044	2.984	3.874	0.910
63	F3	C	4.299	2.799	4.119	0.850
64	F4	C	4.066	2.746	3.916	0.850
65	F5	C	4.272	3.072	4.152	0.850
66	F6	C	4.397	3.257	4.297	0.860
67	F7	C	4.374	3.154	4.224	0.860
68	F8	C	4.715	3.395	4.315	0.860
69	F9	C	4.283	3.283	4.103	0.900
70	F10	C	4.215	3.283	4.163	0.860
71	G1 (OL)	C	5.807	3.397	5.540	0.900
72	G2	C	5.408	3.558	5.404	0.900
73	G3	C	6.257	4.707	6.149	0.900
74	H1 (OL)	C	4.584	2.234	4.464	2.200
75	H2	C	4.962	2.712	4.812	2.210
76	H3	C	4.420	3.420	4.420	0.900
77	H4	C	4.144	2.894	3.934	0.950
78	H5	C	4.342	3.142	4.092	0.950
79	H6	C	4.370	2.970	4.290	0.950
80	H7	C	4.563	3.343	4.452	0.900
81	H8	C	4.854	3.624	4.912	0.890
82	H9	C	5.507	4.307	5.368	0.870
83	H10	C	5.035	3.785	4.902	0.900
84	H11	C	5.491	4.381	5.366	0.900
85	H12	C	5.256	4.346	5.216	0.900
86	H13	C	4.744	3.844	4.744	0.900
87	H14	C	5.084	3.883	5.083	0.900
88	H15	C	5.224	4.174	5.154	0.900
89	H16	C	5.499	4.599	5.419	0.900
90	H17	C	5.593	5.593	5.595	0.900
91	H18	C	4.771	4.171	4.812	1.200
92	H19	C	5.346	4.046	5.185	0.900
93	H20	C	5.646	4.446	5.567	0.970
94	H21	C	6.213	5.023	6.203	0.900
95	H22	C	4.603	3.853	4.353	0.600
96	H23	C	4.835	4.035	4.585	0.600
97	H24	C	4.865	4.115	4.615	0.600
98	H25	C	4.900	3.550	4.620	1.200
99	H26	C	4.982	4.282	4.812	0.600
100	H27	C	5.285	4.235	5.035	0.600
101	H28	C	6.594	5.524	5.916	0.580
102	H29 (OL)	C	6.557	5.357	5.790	0.580
103	H30	C	4.664	3.944	4.434	1.200
104	H31	C	4.313	3.713	4.163	0.500
105	H32	C	4.942	4.422	4.792	0.300
106	I1 (OL)	C	4.554	4.034	4.474	0.300
107	I2	C	4.167	2.517	4.077	0.900
108	I3	C	3.818	2.518	3.968	0.900
109	I4	C	3.783	2.603	3.633	0.900
110	I5	C	4.287	3.487	4.037	0.900
111	I6	C	4.273	3.723	4.123	0.900
112	I7	C	3.653	2.493	3.723	0.950
113	I8	C	3.633	2.583	3.783	0.950
114	I9	C	3.747	2.447	3.347	0.950
115	I10	C	4.181	3.081	3.981	0.950
116	I11	C	3.690	2.500	3.620	0.840
117	I12	C	3.805	2.855	3.755	0.900
118	I13	C	3.984	2.934	4.034	0.900
119	I14	C	4.404	3.154	4.484	0.900
120	I15	C	4.012	2.732	3.742	0.960
121	I16	C	4.161	2.801	3.861	0.960
122	I17	C	4.397	3.697	4.127	0.960
123	I18	C	3.820	2.450	4.020	0.900
124	I19	C	3.921	2.611	4.221	0.900
125	I20	C	3.933	2.683	3.763	0.900
126	I21	C	4.349	3.379	4.279	0.900
127	I22	C	4.724	3.544	3.924	0.900
128	I23	C	4.656	3.706	4.506	0.900
129	I24	C	3.906	2.536	3.789	0.900
130	I25	C	4.166	2.816	4.066	0.900
131	I26	C	4.111	2.811	4.011	0.900
132	I27	C	4.114	2.914	4.114	0.900
133	I28	C	4.206	2.996	4.306	0.900
134	I29	C	3.847	2.707	3.727	0.900
135	I30	C	3.615	2.375	3.535	0.900
136	I31	C	3.394	1.974	3.114	0.900
137	I32	C	3.789	2.249	3.789	0.900
138	I33	C	3.503	2.033	3.233	0.900
139	I34	C	3.660	2.360	3.730	0.900
140	I35	C	3.708	3.298	4.208	0.900
141	I36	C	3.519	3.019	3.489	0.900

LEGEND

Drain Outlet

Drain With Reverse Gradient

Manhole's Inside not Accessible



T202 12°58'50.766"N 80°14'50.340"E

Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	T202	12°58'50.766"N	80°14'50.340"E	418369.614	1435129.427	6.49	On top of CC Basement

AL WARP ET

Kolathur

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

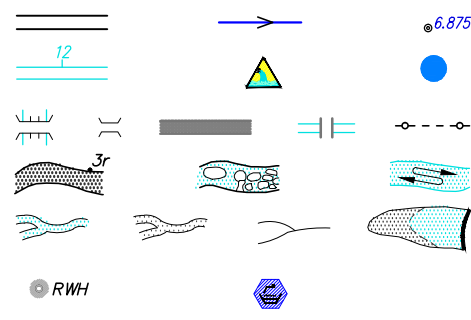
Canal. Outlet. Inundated area by previous flood.





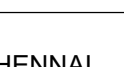
Bridge with piers. Culvert. Flyover. Subway. Sewage line.

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

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

Rain water Harvesting. Stormwater pumping station.



CLIENT	  <b>GREATER CHENNAI CORPORATION (GCC)</b> REPRESENTING COMMISSIONERATE OF REVENUE ADMINISTRATION AND DISASTER MANAGEMENT		
FUNDED BY	 <b>TNUFSL</b> 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. 172, ZONE XIII - ADYAR NAGAR		
PROJECT CONSULTANTS	 <b>SECON</b> - JBA Consulting (India) (U.K.) JV		 <b>JBA</b> CONSULTING
SHEET No. 41 OF 114	SCALE 1:5000	DRAWING No.  CFM/SWD/WARD-41	REV. 0