

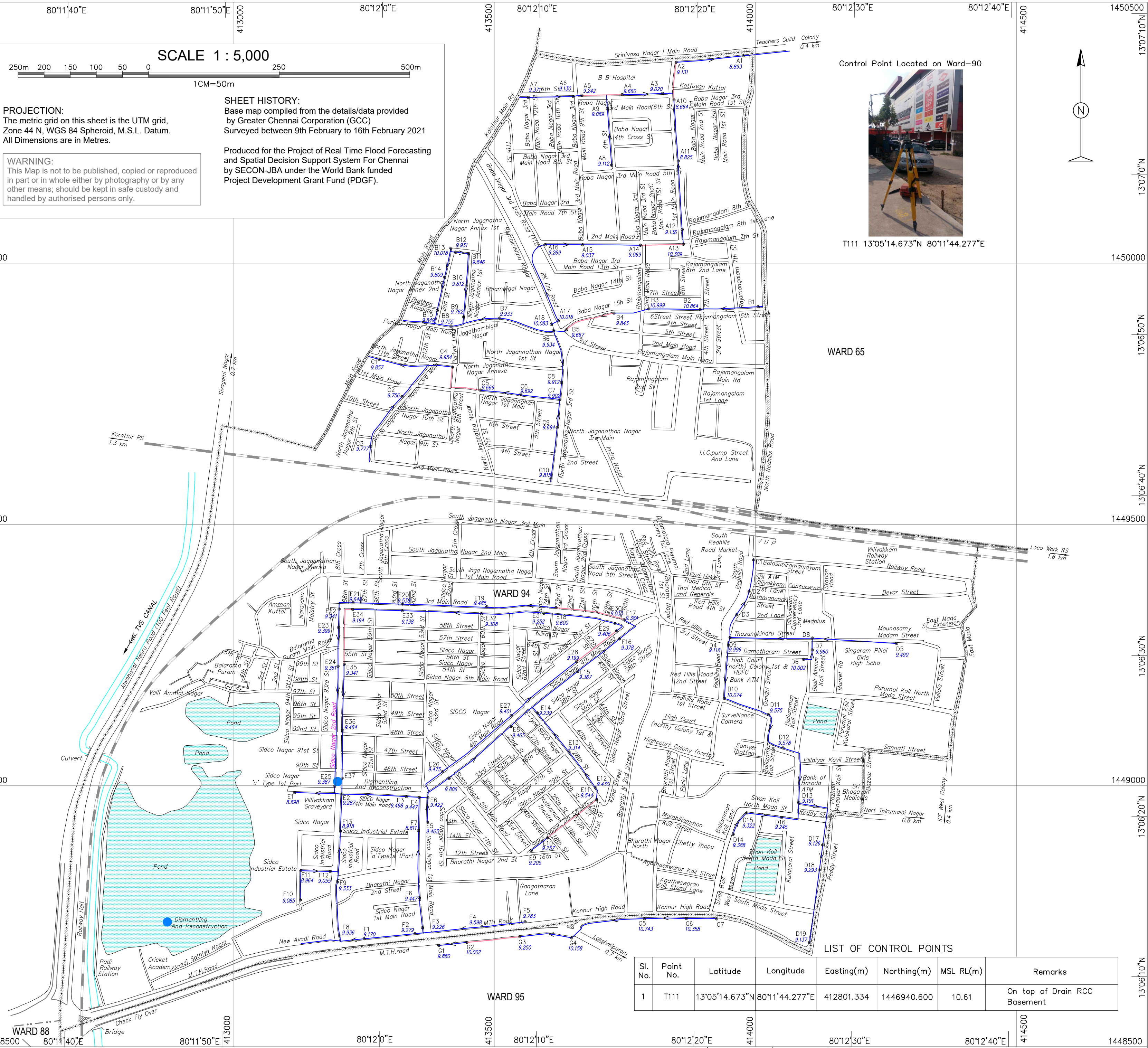
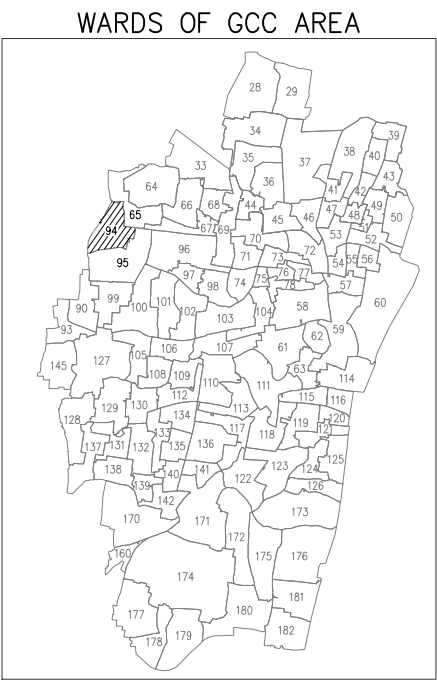
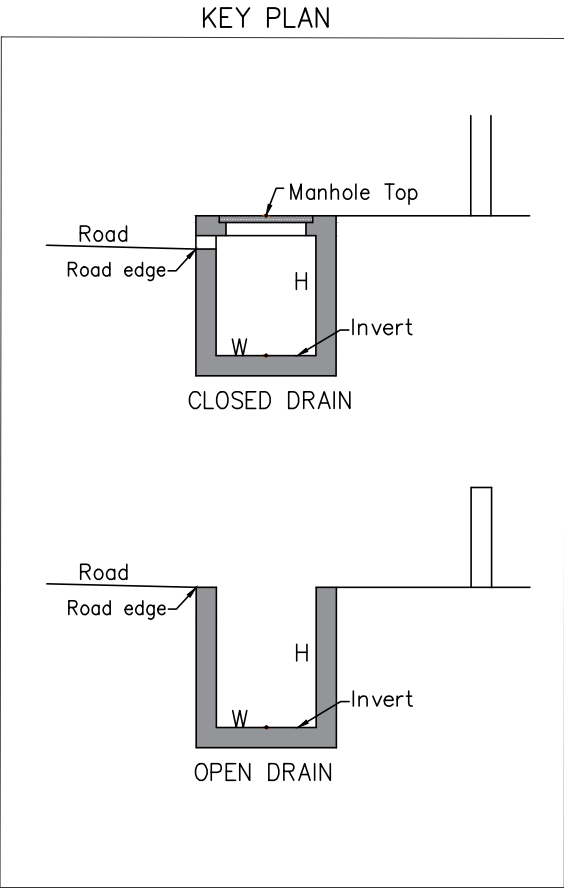
LIST OF POINTS							
SI No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL			DRAIN DIMENSIONS	
			Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)	Depth (m)
1	A1	C	10.543	8.893	10.265	1.200	0.450
2	A2	C	10.481	9.131	10.386	1.700	1.050
3	A3	C	9.920	9.020	9.819	1.100	0.600
4	A4	C	10.160	9.660	9.959	1.000	0.300
5	A5	C	10.042	9.242	10.030	1.100	0.600
6	A6	C	10.030	9.130	9.943	1.100	0.650
7	A7	C	10.171	9.371	10.135	1.100	0.500
8	A8	C	10.312	9.112	10.284	0.700	0.550
9	A9	C	10.169	9.089	10.213	0.700	0.530
10	A10	C	10.064	8.664	9.858	1.300	1.180
11	A11	C	10.145	8.825	10.010	1.200	1.020
12	A12	C	10.436	9.136	10.223	1.100	1.000
13	A13	C	10.277	9.077	10.309	1.160	0.950
14	A14	C	10.269	9.069	10.128	1.200	1.000
15	A15	C	10.507	9.307	10.221	1.200	1.000
16	A16	C	10.399	9.269	10.245	1.200	0.930
17	A17	C	11.216	10.016	11.181	1.250	1.000
18	A18	C	11.083	10.083	11.151	1.000	0.800
19	B1	C	10.993	—	11.073	—	—
20	B2	C	11.614	10.864	11.550	0.700	0.650
21	B3	C	11.799	10.999	11.661	0.650	0.520
22	B4	C	10.893	9.843	10.794	0.800	0.850
23	B5	C	10.967	9.667	11.054	1.000	1.100
24	B6	C	11.084	9.934	11.021	1.050	0.950
25	B7	C	10.833	9.933	10.736	0.700	0.700
26	B8	C	10.685	9.755	10.687	0.700	0.680
27	B9	C	10.642	9.762	10.575	0.700	0.630
28	B10	C	10.662	9.812	10.464	0.700	0.650
29	B11	C	10.646	9.846	10.513	0.700	0.600
30	B12	C	10.681	9.931	10.546	0.700	0.550
31	B13	C	10.718	10.018	10.545	0.700	0.500
32	B14	C	10.659	9.809	10.677	0.700	0.600
33	B15	C	10.729	9.849	10.725	0.700	0.580
34	C1	C	10.551	9.857	10.556	0.700	0.494
35	C2	C	10.809	9.756	10.772	0.700	0.683
36	C3	C	10.777	9.777	10.784	0.600	0.600
37	C4	C	10.654	9.954	10.641	0.700	0.500
38	C5	C	10.769	9.669	10.719	0.700	0.900
39	C6	C	10.722	9.692	10.655	0.700	0.630
40	C7	C	10.802	9.902	10.737	0.700	0.500
41	C8	C	11.162	9.912	10.960	0.700	0.700
42	C9	C	10.744	9.694	10.732	0.700	0.650
43	C10	C	10.655	9.815	10.636	0.650	0.440
44	D1	C	10.836	—	10.136	—	—
45	D2	C	10.851	—	10.859	—	—
46	D3	C	10.874	—	10.888	—	—
47	D4	C	11.068	91918	11.024	0.800	1.750
48	D5	C	10.190	9.490	10.219	0.800	0.300
49	D6	C	10.502	10.002	10.398	0.760	0.050
50	D7	C	10.460	9.960	10.348	0.750	0.100
51	D8	C	10.409	—	10.399	—	—
52	D9	C	10.896	9.996	10.893	1.000	0.650
53	D10	C	10.674	10.074	10.588	1.000	0.250
54	D11	C	10.525	9.575	10.571	1.080	0.670
55	D12	C	10.608	9.578	10.464	1.100	0.730
56	D13	C	9.991	9.191	9.971	1.200	0.610
57	D14	C	10.438	9.388	10.523	1.000	0.500
58	D15	C	10.302	9.322	10.256	0.800	0.550
59	D16	C	10.245	9.245	10.034	0.850	0.500
60	D17	C	10.186	9.126	10.234	0.700	0.710
61	D18	C	10.373	9.293	10.212	0.700	0.630
62	D19	C	10.237	9.137	10.190	0.700	0.800
63	E1	C	10.548	8.898	10.362	1.200	1.500
64	E2	C	10.287	9.287	10.299	1.200	0.830
65	E3	C	10.458	9.498	10.161	1.200	0.810
66	E4	C	10.547	9.447	10.429	1.700	0.700
67	E5	C	10.563	9.463	10.380	3.100	0.800
68	E6	C	10.422	9.422	10.408	1.700	0.720
69	E7	C	10.706	9.806	10.308	1.400	0.200
70	E8	C	10.365	9.465	10.218	1.200	0.700
71	E9	C	10.205	9.205	10.160	1.000	0.500
72	E10	C	10.207	9.257	10.159	1.000	0.450
73	E11	C	10.284	9.544	10.211	1.000	0.240
74	E12	C	10.280	9.430	10.274	1.000	0.450
75	E13	C	10.314	9.314	10.196	1.000	0.510
76	E14	C	10.439	9.239	10.461	1.000	0.710
77	E15	C	10.217	9.367	9.977	1.200	0.680
78	E16	C	10.228	9.378	10.083	1.200	0.650
79	E17	C	10.114	9.384	10.092	1.000	0.480
80	E18	C	10.100	9.600	10.049	0.950	0.300
81	E19	C	10.135	9.485	10.084	0.800	0.500
82	E20	C	10.188	9.538	10.252	0.750	0.550
83	E21	C	10.298	9.648	10.375	1.000	0.450
84	E22	C	10.461	9.341	10.260	1.200	0.920
85	E23	C	10.399	9.399	10.224	1.100	0.750
86	E24	C	10.361	9.361	10.228	1.100	0.750
87	E25	C	10.387	9.387	10.271	1.000	0.600
88	E26	C	10.355	9.475	10.320	1.300	0.830
89	E27	C	10.281	9.401	10.193	1.200	0.380
90	E28	C	10.079	9.199	9.888	1.050	0.680
91	E29	C	10.206	9.406	10.043	1.200	0.650
92	E30	C	10.130	9.030	10.082	0.900	0.950

LEGEND

Drain Outlet

Drain With Reverse Gradient

“—” : Manhole's Inside not Accessible



Roads: main; others; mud. Cart track.

Temple. Chhatr. Shrine. Mosque. Idgah. Tomb. Church.

Railways: broad gauge with station; bridge; metro.

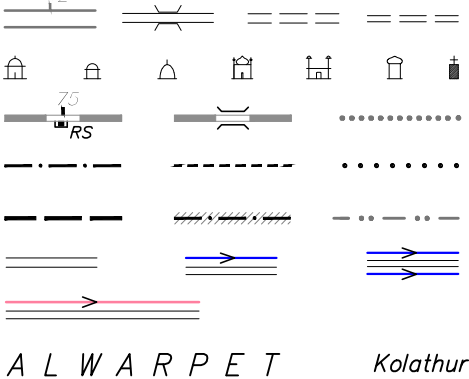
Boundary: state; district; taluk.

Boundary: CMA; zone; ward.

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

Road with reverse gradient drain.

Spaced names: locality; village.



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

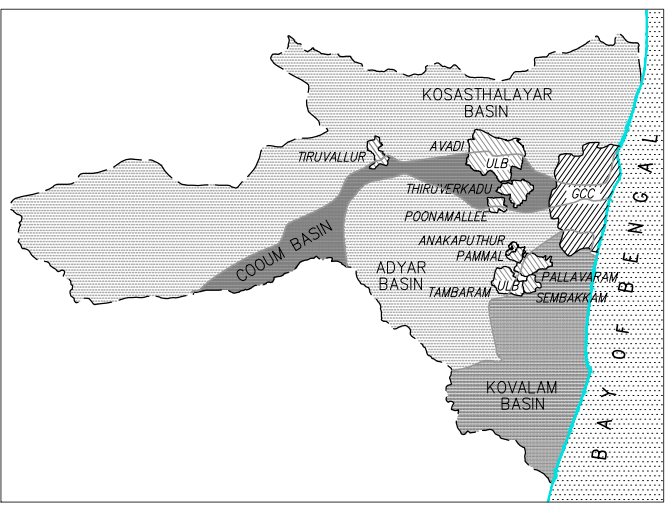
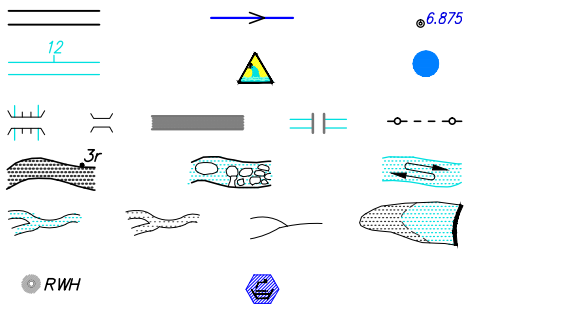
Canal. Outlet. Inundated area by previous flood.

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	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. 94, ZONE VIII - ANNA NAGAR			
PROJECT CONSULTANTS	SECON - JBA Consulting (India) (U.K.) JV			
SHEET No. 72 OF 114	SCALE 1:5000	DRAWING No.	CFM/SWD/WARD-72	
				REV. 0