



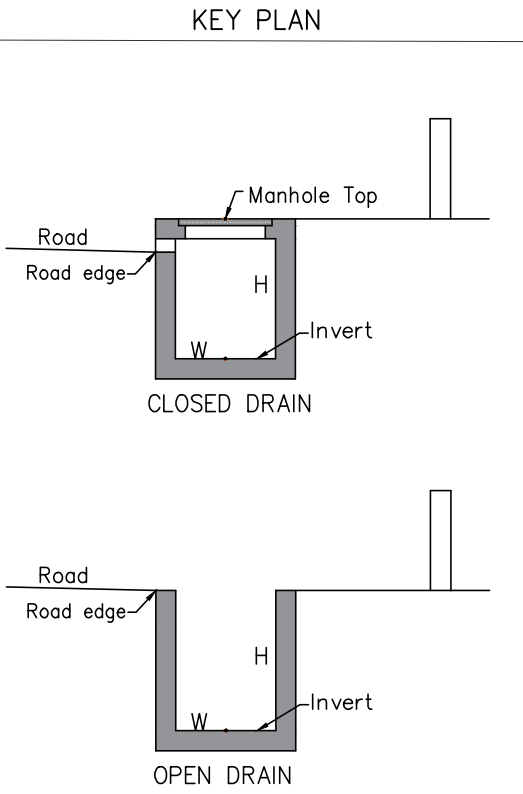
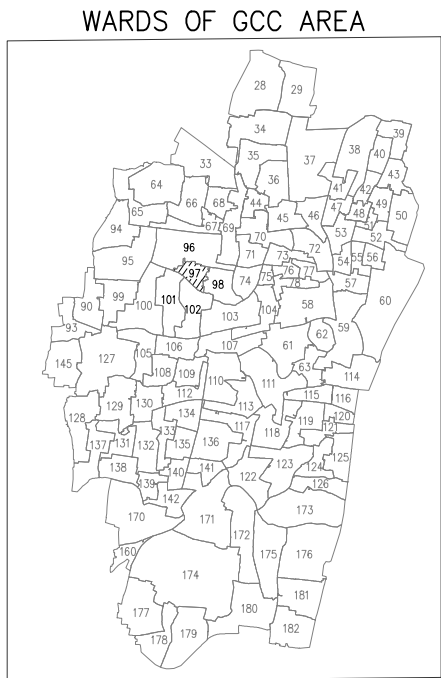
LIST OF POINTS							
SI No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL			DRAIN DIMENSIONS	
			Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)	Depth (m)
1	A1	C	8.301	7.700	8.156	0.701	0.400
2	A2	C	8.230	7.329	8.033	0.801	0.200
3	A3	C	8.296	7.145	8.141	0.701	0.951
4	A4	C	8.404	7.303	8.343	0.701	0.950
5	A5	C	8.481	7.280	8.481	0.901	1.000
6	A6	C	8.443	7.642	8.305	0.701	0.600
7	A7	C	8.358	8.057	8.320	0.701	0.150
8	A8	C	8.393	7.842	8.292	0.701	0.400
9	A9	C	8.439	7.238	8.416	0.701	1.050
10	A10	C	8.333	7.382	8.180	0.701	0.700
11	A11	C	8.426	7.125	8.288	0.901	1.050
12	A12	C	8.336	7.835	8.189	0.701	0.350
13	A13	C	8.550	7.649	8.382	0.701	0.750
14	B1	C	7.996	7.245	7.740	0.901	0.551
15	B2	C	8.100	7.299	7.986	0.901	0.600
16	B3	C	8.166	7.315	7.854	0.701	0.700
17	B4	C	7.881	6.980	7.868	0.701	0.750
18	B5	C	8.169	—	8.004	—	—
19	B6	C	8.276	7.625	8.009	0.701	0.350
20	B7	C	8.175	7.024	8.030	0.701	0.950
21	B8	C	8.832	7.531	8.829	0.601	1.101
22	B9	C	8.668	7.817	8.659	0.701	0.600
23	B10	C	8.596	7.845	8.355	0.701	0.500
24	B11	C	7.885	6.884	7.965	0.701	0.847
25	B12	C	7.991	7.290	7.839	0.601	0.550
26	B13	C	8.180	7.379	7.901	0.501	0.650
27	B14	C	8.171	—	8.137	—	—
28	C1	C	7.941	6.790	7.892	0.601	0.700
29	C2	C	8.265	7.214	8.130	0.601	0.600
30	C3	C	8.397	7.546	8.228	0.601	0.650
31	C4	C	8.189	7.339	8.208	0.601	0.699
32	C5	C	8.339	7.389	8.271	0.701	0.799
33	C6	C	8.285	7.384	8.258	0.601	0.750
34	C7	C	8.340	7.339	8.343	0.601	0.850
35	C8	C	8.279	7.178	8.220	0.701	0.950
36	C9	C	8.070	7.069	7.961	0.601	0.850
37	C10	C	8.116	7.015	7.921	0.601	0.950
38	C11	C	8.189	7.238	7.939	0.701	0.800
39	C12	C	7.962	6.611	7.795	0.601	1.151
40	C13	C	7.423	6.322	7.160	0.901	0.900
41	C14	C	7.231	6.330	7.100	0.701	0.600
42	C15	C	7.520	6.619	7.341	0.701	0.600
43	C16	C	7.981	7.080	7.878	0.901	0.750
44	C17	C	7.952	6.751	7.869	0.601	1.050
45	C18	C	8.225	7.224	7.986	0.701	0.650
46	C19	C	8.232	7.231	8.230	0.601	0.750
47	C20	C	8.190	7.039	8.063	0.701	1.000
48	C21	C	8.207	7.856	8.111	0.701	0.200
49	D1	C	7.263	5.762	7.135	0.601	1.150
50	D2	C	7.424	6.323	7.324	0.701	0.950

LEGEND

 Drain Outlet

 Drain With Reverse Gradient

"—" : Manhole's Inside not Accessible



Control Point Located on Ward-102



PRY 1 13°04'27.075"N 80°13'20.855"E

LIST OF CONTROL POINTS							
Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	PRY 1	13°04'27.075"N	80°13'20.855"E	415705.262	1445469.265	12.15	On top of Aanjikorai Bridge

Roads: main; others; mud. Cart track.

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

Railways: broad gauge with station; bridge; metro.

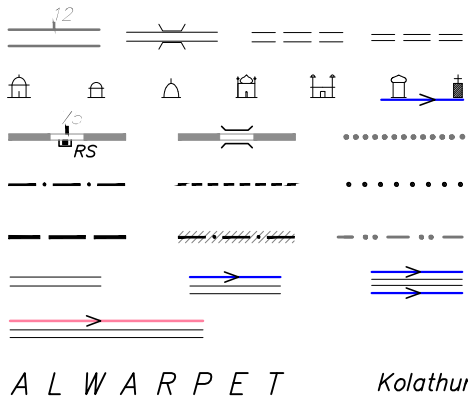
Boundary: state; district; taluk.

Boundary: CMA; zone; ward.

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

Road with reverse gradient drain.

Spaced names: locality; village.



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

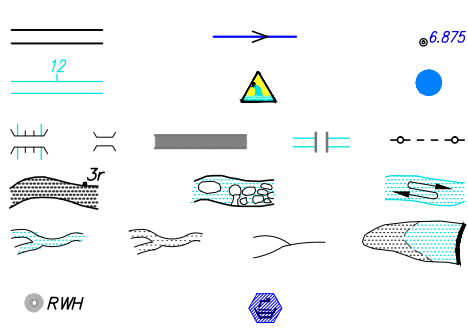
Canal. Outlet. Inundated area by previous flood.




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. 97, ZONE VIII - ANNA NAGAR		
PROJECT CONSULTANTS	 SECON - JBA Consulting (India) (U.K.) JV		
SHEET No. 69 OF 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD-69	REV. 0