



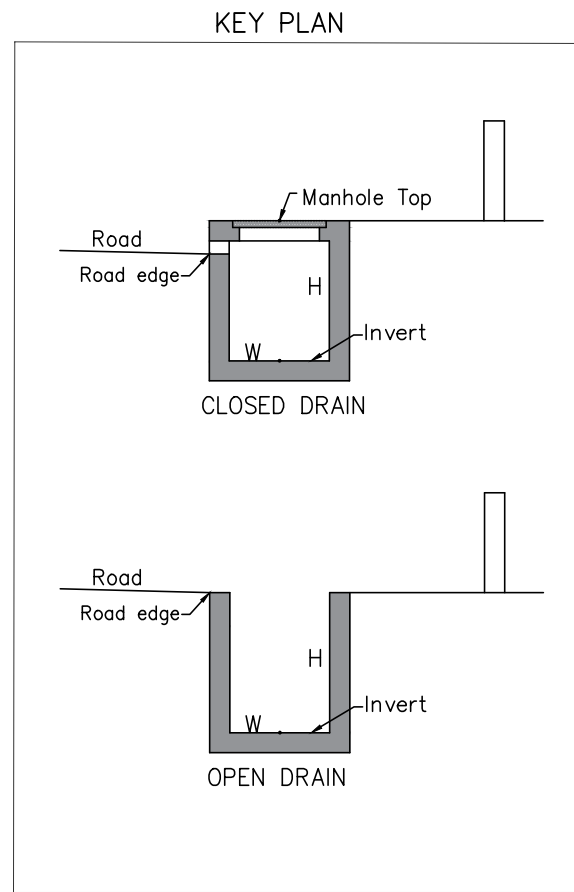
LIST OF POINTS							
Sl No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL			DRAIN DIMENSIONS	
			Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)	Depth (m)
1	A1 (OL)	C	11.352	9.737	11.080	1.505	1.063
2	A2	C	11.452	9.986	11.123	1.501	0.809
3	A3	C	11.138	—	11.049	—	—
4	A4	C	11.151	9.270	10.777	1.003	1.076
5	A5	C	11.022	9.571	10.735	1.503	1.146
6	A6	C	10.895	9.858	10.621	1.495	0.726
7	A7	C	10.903	9.049	10.647	1.505	1.551
8	A8	C	10.675	8.866	10.422	1.502	1.508
9	B1 (OL)	C	11.425	10.021	11.235	1.491	0.909
10	B2	C	11.056	9.641	10.927	1.458	1.022
11	B3	C	10.894	9.678	10.700	1.502	0.814
12	B4	C	11.072	9.880	10.640	1.003	0.910
13	B5	C	11.230	10.037	10.658	1.205	0.940
14	B6	C	10.705	9.858	10.589	0.805	0.495
15	B7	C	10.172	9.178	10.138	1.103	0.612
16	B8	C	10.095	9.650	10.034	0.804	0.144
17	B9	C	10.147	9.202	9.897	1.003	0.654
18	B10	C	9.992	9.390	9.889	0.651	0.247
19	B11	C	9.735	9.549	9.603	0.901	0.186
20	B12	C	10.425	9.876	10.401	0.710	0.256
21	B13	C	10.215	9.449	10.051	0.803	0.341
22	B14	C	9.869	—	9.882	—	—
23	B15	C	9.955	8.562	9.882	1.009	1.011
24	B16	C	9.842	9.066	9.828	1.303	0.474
25	B17	C	9.794	9.186	9.659	0.981	0.455
26	C1	C	9.461	8.176	9.169	0.903	0.484
27	C2	C	9.366	9.058	9.106	—	—
28	C3	C	9.378	9.160	7.968	1.301	0.029
29	C4	C	9.852	8.330	9.743	1.305	1.319
30	C5	C	9.361	8.074	9.100	1.003	0.946
31	C6	C	9.546	8.661	9.344	0.852	0.482
32	C7	C	9.425	8.683	9.446	0.501	0.609
33	D1	C	9.296	8.578	9.233	0.992	0.265
34	D2	C	9.423	8.815	9.185	0.901	0.158
35	D3	C	9.759	8.754	9.603	9.000	0.702
36	D4	C	9.964	—	10.166	—	—
37	D5	C	10.313	—	10.128	—	—
38	D6	C	10.193	8.932	10.015	0.901	0.760
39	D7	C	10.124	9.042	9.913	0.904	0.661
40	D8	C	10.197	9.025	10.016	1.303	1.010
41	D9	C	9.547	8.539	9.364	1.005	0.747
42	E1	C	8.889	—	8.654	—	—
43	E2	C	8.907	8.013	8.807	1.101	0.442
44	E3	C	9.158	8.356	8.968	0.653	0.211
45	E4	C	9.205	8.093	8.947	1.005	0.511
46	E5	C	9.556	8.676	9.317	1.102	0.227
47	E6	C	9.993	8.831	9.930	1.005	0.811
48	E7	C	11.054	9.355	10.722	1.209	1.394
49	E8	C	9.584	8.145	9.473	1.001	1.018
50	E9	C	9.565	8.359	9.363	1.005	0.603
51	E10	C	9.197	8.495	9.290	0.903	0.411
52	E11	C	9.118	7.947	9.032	0.751	0.988
53	E12	C	9.131	8.205	8.968	0.615	0.323
54	E13	C	8.978	7.903	8.930	0.602	0.823
55	E14	C	9.320	8.328	9.331	1.001	0.840
56	E15	C	9.242	8.206	9.404	1.005	0.870
57	E16	C	9.426	8.688	9.259	1.005	0.315
58	E17	C	9.391	8.249	9.399	0.903	0.841
59	E18	C	9.415	8.096	9.319	0.804	0.938
60	E19	C	9.322	8.676	9.185	0.603	0.515
61	E20	C	9.158	—	9.102	—	—
62	E21	C	9.104	8.424	8.929	1.201	0.377
63	E22	C	9.299	8.412	9.174	1.203	0.586
64	E23	C	9.458	7.879	9.274	1.102	1.457
65	E24	C	9.330	8.434	9.370	0.905	0.591
66	E25	C	9.457	—	9.364	—	—
67	E26	C	9.453	8.460	9.537	0.651	0.741
68	E27	C	9.631	8.700	9.590	0.603	0.800
69	E28	C	9.539	9.536	9.555	0.603	0.003
70	E29	C	9.597	8.717	9.524	0.605	0.579
71	E30	C	9.202	8.240	9.980	0.902	0.799
72	E31	C	9.119	8.241	9.084	0.601	0.725
73	E32	C	9.045	8.266	8.983	0.907	0.664
74	E33	C	9.039	8.360	8.987	0.903	0.528
75	F1	C	8.879	7.865	8.779	0.551	0.759
76	F2	C	8.867	7.865	8.742	0.604	0.649
77	F3	C	9.273	8.462	9.062	0.603	0.406
78	F4	C	8.910	7.744	8.680	0.856	0.965
79	G1	C	8.761	7.807	8.763	0.803	0.798
80	G2	C	8.907	7.892	8.877	0.805	0.865
81	G3	C	9.065	8.172	9.034	1.001	0.711
82	H1	C	7.464	7.059	7.438	0.605	0.254
83	H2	C	7.431	6.389	7.359	0.601	0.843
84	H3	C	7.667	6.726	7.454	0.603	0.636
85	H4	C	7.646	7.155	7.355	0.853	0.190
86	I1 (OL)	C	7.690	—	7.643	—	—
87	I2	C	8.010	7.203	7.936	1.205	0.606
88	I3	C	8.779	7.445	8.740	1.152	1.149
89	I4	C	9.069	8.406	8.940	0.603	0.361
90	I5	C	9.621	8.137	9.591	0.600	1.284
91	I6	C	9.499	8.316	9.308	0.903	0.882

LEGEND

 Drain Outlet

 Drain With Reverse Gradient

"—" : Manhole's Inside not Accessible



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

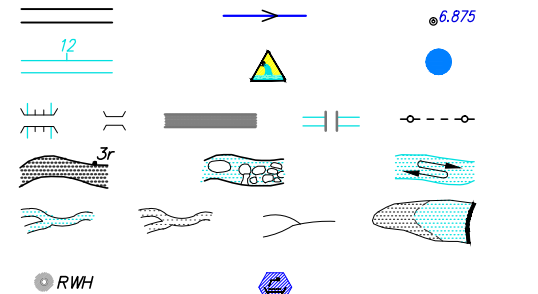
Canal. Outlet. Inundated area by previous flood.




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 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. 99, ZONE VIII - ANNA NAGAR		
PROJECT CONSULTANTS	 SECON - JBA Consulting (India) (U.K.) JV		
SHEET No. 30 of 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD-30	REV. 0