

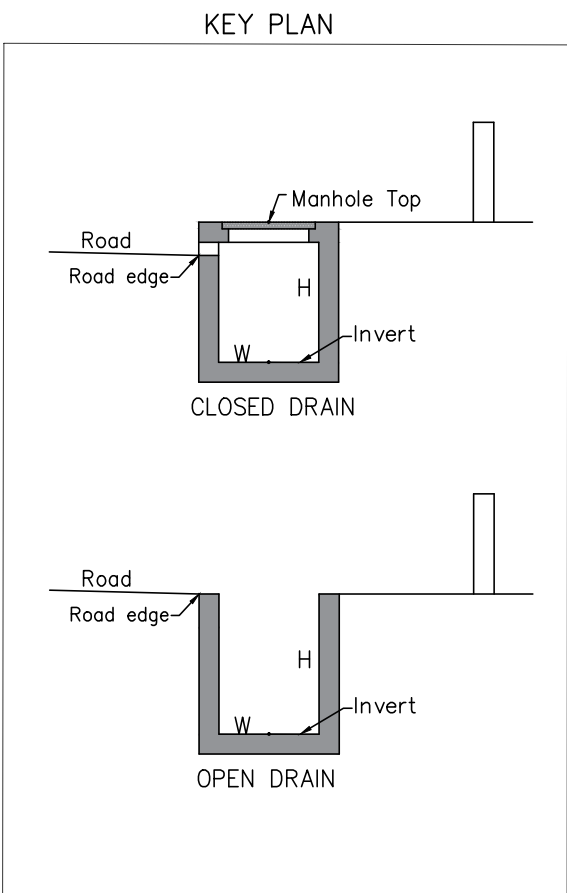
LIST OF POINTS						
SI No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL	DRAIN DIMENSIONS		
			Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)
1	A1	C	10.595	8.394	10.755	1.901
2	A2	C	11.265	9.114	10.587	1.901
3	A3	C	10.955	9.354	10.835	1.901
4	A4	C	11.010	10.109	10.994	1.101
5	A4A	C	10.452	9.777	10.448	1.001
6	A5	C	10.091	9.290	10.060	1.001
7	A6	C	10.174	8.823	10.159	1.001
8	A7	C	10.300	9.699	10.293	0.451
9	A8	C	10.363	9.712	10.274	0.451
10	A9	C	10.109	8.908	10.107	1.001
11	A10	C	9.907	9.306	9.888	0.601
12	A11	C	10.219	9.418	10.169	0.601
13	A12	C	10.135	9.134	10.197	0.801
14	A13	C	9.963	9.162	9.892	0.801
15	A14	C	10.057	9.306	10.120	0.801
16	B1	C	10.637	9.793	10.537	1.901
17	B2	C	10.857	9.697	10.855	1.901
18	B3	C	10.905	9.496	10.772	1.901
19	B4	C	10.936	9.026	10.766	1.901
20	B5	C	10.462	9.061	10.316	1.201
21	B6	C	10.592	9.519	10.564	0.901
22	B7	C	10.305	9.624	10.310	0.901
23	B8	C	10.560	9.783	10.485	0.901
24	B9	C	10.210	9.209	10.235	0.901
25	B10	C	10.229	9.228	10.113	0.901
26	B11	C	10.224	9.323	10.158	0.901
27	B12	C	9.825	9.499	9.785	0.901
28	B13	C	10.011	9.510	9.969	0.901
29	B14	C	10.651	9.550	10.609	1.001
30	B15	C	9.705	8.904	9.708	0.601
31	B16	C	9.668	8.667	9.739	1.001
32	B17	C	9.821	8.920	9.815	1.001
33	B18	C	9.869	9.668	9.734	0.601
34	B19	C	9.817	9.366	9.813	0.601
35	B20	C	9.719	9.118	9.660	0.601
36	B21	C	9.742	9.191	9.700	0.601
37	C1	C	10.124	9.379	10.137	0.601
38	C2	C	10.102	9.004	10.100	0.601
39	C3	C	10.235	9.484	10.269	0.601
40	C4	C	10.261	9.460	10.130	0.701
41	C5	C	10.065	8.964	10.040	0.901
42	C6	C	10.128	9.218	10.158	0.901
43	C7	C	9.735	8.015	9.665	0.601
44	C8	C	9.695	8.594	9.655	0.601
45	D1	C	9.794	9.193	9.862	0.701
46	D2	C	10.159	9.258	10.077	0.601
47	D3	C	9.805	8.704	9.753	0.601
48	D4	C	9.832	8.731	9.713	0.601
49	D5	C	9.928	9.227	9.920	0.601
50	D6	C	9.659	8.658	9.642	0.601
51	D7	C	9.709	8.758	9.656	0.601
52	D8	C	9.835	8.934	9.746	0.701
53	D9	C	9.991	8.590	9.938	0.801
54	D10	C	10.096	8.257	10.082	0.801
55	D11	C	9.720	9.219	9.799	0.801
56	D12	C	9.781	8.680	9.762	0.801
57	D13	C	9.765	8.910	9.789	0.801
58	D14	C	10.097	9.219	9.996	0.801
59	D15	C	9.766	8.765	9.721	0.801
60	D16	C	9.866	8.791	9.852	0.801
61	D17	C	9.913	8.762	9.731	0.901
62	D18	C	10.588	9.087	10.625	0.901
63	E1	C	9.035	8.234	8.742	1.001
64	E2	C	8.998	7.897	8.740	1.001
65	E3	C	9.184	8.583	9.135	1.001
66	E4	C	9.540	9.039	9.443	1.001
67	E5	C	9.539	8.638	9.495	1.001
68	E6	C	9.100	8.099	9.083	1.001
69	E7	C	8.957	7.756	8.917	1.001
70	E8	C	8.882	7.970	8.823	1.001
71	E9	C	9.391	8.690	9.391	1.001
72	E10	C	9.799	8.498	9.687	1.001
73	E11	C	9.833	8.632	9.758	0.901

LEGEND

Drain Outlet

Drain With Reverse Gradient

"-" : Manhole's Inside not Accessible



Roads: main; others: mud. Cart track.

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

Railways: broad gauge with Streetation; bridge; metro.

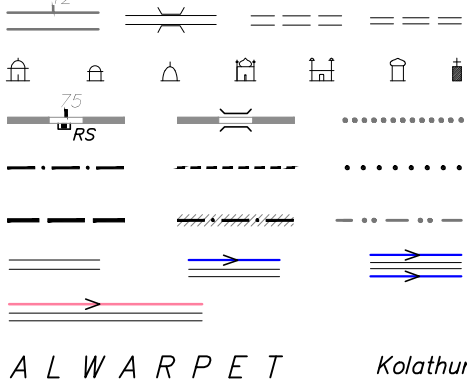
Boundary: Streetate; district; taluk.

Boundary: CMA; zone; ward.

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

Road with reverse gradient drain.

Spaced names: locality; village.



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

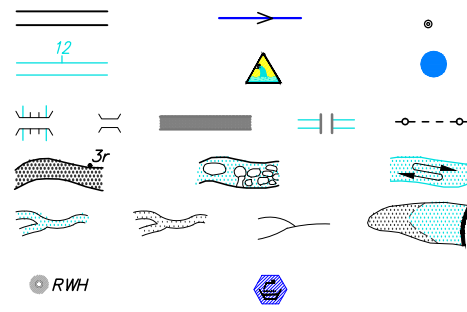
Canal. Outlet. Inundated area by previous flood.

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. Streetation.



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 Services Limited)		
PROJECT	PLANNING, SETTING UP AND OPERATIONALIZING REAL TIME FLOOD FORECASTING SPATIAL DECISION SUPPORT SYSTEM FOR CHENNAI		
TITLE	BASE MAP - StreetORM WATER DRAIN WARD No. 65, ZONE VI - THIRUVIKA NAGAR		
PROJECT CONSULTANTS	SECON - JBA Consulting (India) (U.K.) JV		
SHEET No. 86 OF 114	SCALE 1:5000	DRAWING No.	CFM/SWD/WARD-86
		REV. 0	