

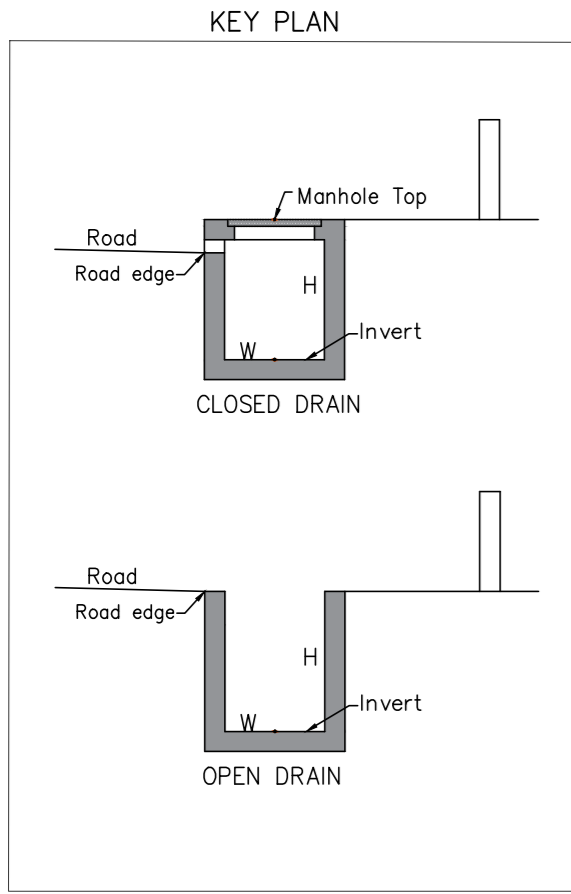
LIST OF POINTS							
SI No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL		DRAIN DIMENSIONS		
			Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)	Depth (m)
1	A1 (OL)	C	4.308	3.615	4.296	0.600	0.273
2	A2	C	5.909	4.815	5.601	0.600	0.674
3	A3	C	5.818	5.343	5.709	0.600	0.275
4	A4	C	5.810	5.216	5.610	0.600	0.444
5	A5	C	5.951	5.181	5.906	0.600	0.590
6	A6	C	6.610	5.841	6.326	0.600	0.389
7	A7	C	6.415	5.510	6.349	0.600	0.685
8	B1	C	6.355	4.325	6.328	1.000	1.080
9	B2	C	6.645	5.606	6.307	0.900	0.689
10	B3	C	6.876	5.583	6.601	0.900	0.793
11	B4	C	6.616	5.920	6.554	0.800	0.396
12	B5	C	6.822	5.592	6.638	0.600	1.030
13	B6	C	7.422	6.577	7.435	0.600	0.595
14	B7	C	7.099	5.536	7.067	0.600	0.963
15	C1	C	6.553	6.344	6.568	0.350	0.109
16	C2	C	6.947	6.077	6.779	0.600	0.470
17	C3	C	6.616	5.920	6.591	0.650	0.396
18	C4	C	7.136	6.326	6.797	0.600	0.410
19	C5	C	6.947	6.251	6.828	0.600	0.516
20	C6	C	7.039	6.231	6.875	0.550	0.458
21	D1	C	5.708	4.786	5.687	0.600	0.772
22	D2	C	5.927	4.945	5.930	0.600	0.782
23	D3	C	6.638	5.389	6.598	0.600	0.899
24	D4	C	6.688	5.399	6.496	1.250	0.639
25	D5	C	6.856	6.082	6.701	0.600	0.474
26	D6	C	6.994	6.546	6.841	0.600	0.328
27	D7	C	7.600	6.124	7.389	0.600	0.376
28	D8	C	6.876	5.815	6.709	0.650	0.711
29	D9	C	6.592	5.509	6.633	0.900	0.883
30	D10	C	6.070	5.027	5.960	0.900	0.843
31	D11	C	6.049	4.952	5.940	0.600	0.697
32	E1 (OL)	C	6.368	5.432	6.319	0.650	0.786
33	E2	C	6.543	5.594	6.485	0.600	0.829
34	E3	C	6.657	5.626	6.539	0.600	0.731
35	E4	C	6.703	6.162	6.580	0.750	0.421
36	E5	C	6.762	5.902	6.682	0.500	0.710
37	E6	C	6.820	5.918	6.667	0.500	0.752
38	E7	C	6.857	6.225	6.859	0.400	0.512
39	E8	C	7.011	6.543	6.959	0.500	0.348
40	F1 (OL)	C	6.600	5.464	6.544	0.650	0.836
41	F2	C	6.669	6.060	6.467	0.620	0.329
42	F3	C	6.617	5.984	6.628	0.750	0.483
43	F4	C	6.549	5.967	6.553	0.750	0.402
44	G1	C	4.971	4.726	4.929	0.900	0.045
45	G2	C	6.483	5.374	6.321	0.850	0.559
46	G3	C	6.065	4.882	5.959	1.000	0.683
47	G4	C	5.846	4.682	5.841	0.900	0.964
48	H1	C	5.346	4.547	5.434	0.900	0.499
49	H2	C	5.092	3.985	5.116	0.900	0.857
50	I1	C	5.009	4.019	4.891	0.650	0.690
51	I2	C	5.440	4.528	5.340	0.650	0.612
52	I3	C	5.869	4.902	5.844	0.600	0.617

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 station; bridge; metro.

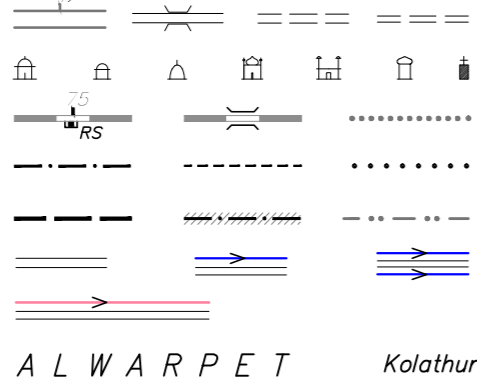
Boundary: state; district; taluk.

Boundary: CMA; zone; ward.

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

Road with reverse gradient drain.

Spaced names: locality; village.



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

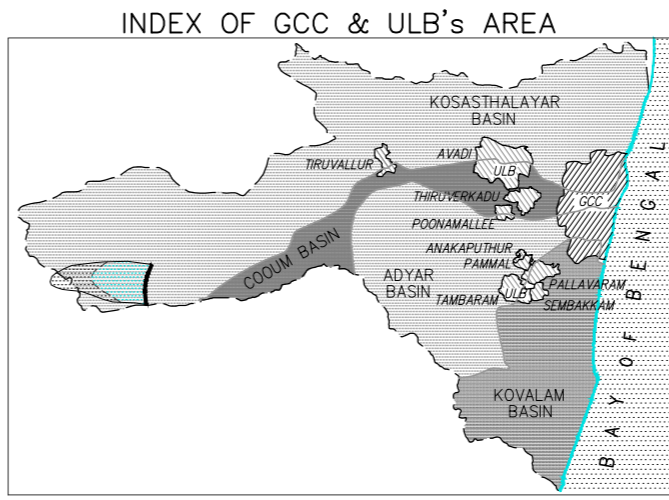
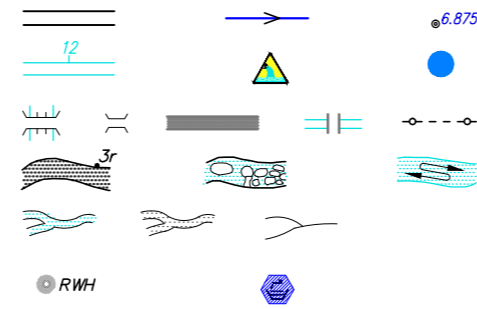
Canal. Outlet. Inundated area by previous flood.

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)		
FUNDED BY	PROJECT DEVELOPMENT GRANT FUND (PDGF)		
PROJECT	PLANNING, SETTING UP AND OPERATIONALIZING REAL TIME FLOOD FORECASTING SPATIAL DECISION SUPPORT SYSTEM FOR CHENNAI		
TITLE	BASE MAP - STORM WATER DRAIN		
PROJECT CONSULTANTS	SECON - JBA Consulting		
SHEET No. 14 OF 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD-14	REV. 0