

LIST OF POINTS						
SI No.	MANHOLE ID	DRAIN Closed(C)/Open(O)	MSL LEVEL Drain Top(m)	MSL LEVEL Invert (m)	DRAIN DIMENSIONS Road Edge (m)	DRAIN DIMENSIONS Width (m) Depth (m)
1	A1 (OL)	C	8.690	—	8.788	—
2	A2	C	8.841	—	8.762	—
3	A3	C	8.679	7.429	8.626	0.750
4	A4	C	8.579	7.729	8.504	0.660
5	B1 (OL)	C	9.122	—	8.706	—
6	B2	C	9.536	8.486	9.252	0.730
7	B3	C	9.748	8.998	9.628	0.920
8	B4	C	9.991	8.171	9.785	1.141
9	B5	C	10.125	9.025	9.828	1.111
10	B6	C	10.152	8.602	10.058	0.750
11	B7	C	9.256	—	9.245	—
12	B8	C	9.294	—	9.308	—
13	B9	C	9.077	7.927	9.063	1.170
14	B10	C	8.922	7.772	8.963	1.060
15	B11	C	9.137	8.187	8.979	0.780
16	B12	C	8.910	—	8.985	—
17	B13	C	8.921	8.271	8.730	0.700
18	B14	C	8.940	7.890	8.779	1.730
19	C1 (OL)	C	8.912	—	8.661	—
20	C2	C	9.160	8.310	9.061	1.820
21	C3	C	9.115	8.515	8.968	1.800
22	D1 (OL)	C	9.279	—	9.085	—
23	D2	C	9.125	7.725	8.994	0.680
24	E1 (OL)	C	9.277	—	9.063	—
25	E2	C	9.190	—	9.178	—
26	E3	C	8.828	7.678	8.641	1.120
27	E4	C	8.817	7.437	8.728	1.450
28	E5	C	9.258	7.638	8.939	1.400
29	E6	C	9.821	8.641	9.492	2.150
30	F1 (OL)	C	9.143	—	9.062	—
31	F2	C	8.907	7.957	8.769	0.650
32	F3	C	8.839	7.839	8.917	0.680
33	G1 (OL)	C	9.250	—	9.068	—
34	G2	C	9.112	7.912	8.919	0.700
35	G3	C	9.227	7.907	9.176	0.580
36	G4	C	9.114	8.464	9.031	0.700
37	G5	C	9.270	7.970	9.111	0.520
38	G6	C	9.310	8.110	9.335	0.680
39	H1	C	8.346	6.696	8.109	0.950
40	H2	C	8.203	6.553	7.986	0.730
41	H3	C	8.348	—	8.288	—
42	H4	C	8.020	7.000	7.969	0.670
43	H5	C	8.249	7.449	7.965	0.800
44	H6	C	8.441	7.591	8.370	0.640
45	H7	C	8.754	7.834	8.588	1.680
46	H8	C	8.438	—	8.435	—
47	H9	C	8.287	7.367	8.068	0.720
48	H10	C	8.287	7.707	8.168	0.680
49	H11	C	8.364	—	8.365	—
50	H12	C	8.557	—	8.549	—
51	H13	C	8.235	7.185	8.241	1.100
52	I1	C	9.188	8.388	9.044	0.680
53	I2	C	9.011	8.561	8.810	0.700
54	I3	C	8.870	7.910	8.819	0.660
55	I4	C	9.131	8.031	8.917	0.600
56	I5	C	8.788	—	8.785	—
57	I6	C	8.834	7.854	8.784	0.850
58	I7	C	8.636	—	8.494	—
59	I8	C	8.730	7.750	8.519	1.600
60	I9	C	8.702	—	8.568	—
61	I10	C	8.659	7.739	8.609	0.800
62	I11	C	8.703	7.223	8.523	0.760
63	I12	C	8.327	7.377	8.299	0.720
64	I13	C	8.727	7.677	8.550	0.670
65	I14	C	8.849	7.899	8.589	0.770
66	I15	C	8.809	7.959	8.527	0.700
67	I16	C	8.730	7.890	8.468	0.500
68	J1 (OL)	C	11.743	9.792	11.540	2.005
69	J2	C	12.166	10.685	11.882	1.205
70	J3	C	12.396	11.415	12.123	1.305
71	J4	C	11.670	10.414	11.521	1.255
72	J5	C	11.664	9.864	11.420	1.201
73	J6	C	11.622	9.867	11.362	1.250
74	J7	C	11.743	10.283	11.860	1.201
75	J8	C	11.640	10.355	11.592	1.015
76	J9	C	11.920	10.495	11.726	1.009
77	J10	C	12.226	—	12.026	—
78	J11	C	11.697	9.796	11.594	1.455
79	J12	C	11.267	9.717	11.386	1.151
80	J13	C	11.679	—	11.421	—
81	J14	C	10.637	9.252	10.270	1.320
82	K1	C	8.751	8.171	8.666	0.680
83	K2	C	8.963	7.113	8.995	0.920
84	K3	C	9.005	—	8.961	—
85	K4	C	8.528	7.528	8.414	0.750
86	K5	C	8.544	7.564	8.320	0.700
87	K6	C	8.647	7.597	8.631	0.800
88	K7	C	8.657	8.437	8.579	0.600
89	K8	C	9.387	8.057	9.239	0.800
90	K9	C	9.255	8.205	9.146	0.800
91	K10	C	9.285	8.285	9.277	0.750
92	K11	C	9.046	8.146	9.015	0.680
93	K12	C	9.340	7.660	9.332	0.800
94	K13	C	9.344	7.964	9.283	0.910
95	K14	C	9.567	8.066	9.495	0.905
96	K15	C	9.541	8.531	9.452	1.002
97	K16	C	9.827	8.577	9.749	0.653
98	K17	C	10.181	8.926	10.091	0.615
99	K18	C	10.451	9.401	10.277	0.953
100	K19	C	10.489	9.818	10.437	0.425
101	K20	C	10.677	10.572	10.571	—
102	K21	C	9.561	8.911	9.498	0.851
103	K22	C	9.700	8.717	9.510	0.705
104	K23	C	9.694	8.649	9.498	0.685
105	K24	C	9.698	8.733	9.504	0.656
106	K25	C	9.614	8.259	9.534	0.620
107	K26	C	9.529	8.819	9.485	0.612
108	K27	C	9.569	8.574	9.493	0.655
109	K28	C	9.626	8.574	9.452	0.605
110	K29	C	9.644	8.734	9.659	0.808
111	K30	C	9.870	9.160	9.591	0.601
112	K31	C	9.724	8.739	9.592	0.710
113	K32	C	9.985	9.121	9.679	0.615
114	K33	C	9.919	9.028	9.663	0.615
115	K34	C	9.692	8.746	9.542	0.784
116	K35	C	9.829	9.058	9.726	0.805
117	K36	C	9.520	8.469	9.495	0.623
118	K37	C	9.756	8.575	9.410	0.500
119	K38	C	9.758	8.653	9.433	0.845
120	K39	C	9.508	8.947	9.374	0.615
121	K40	C	9.610	9.254	9.412	0.610
122	K41	C	9.795	8.550	9.647	0.905



Roads: main; others: mud. Cart track.

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

Railways: broad gauge with station; bridge; metro.

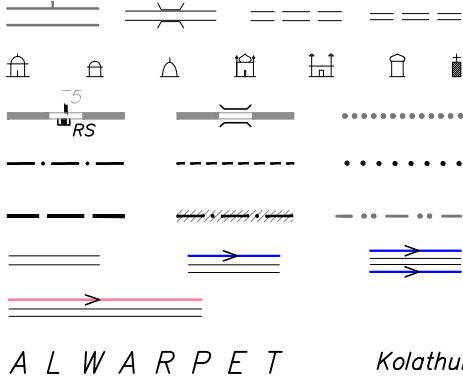
Boundary: state; district; taluk.

Boundary: CMA; zone; ward.

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

Road with reverse gradient drain.

Spaced names: locality; village.



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

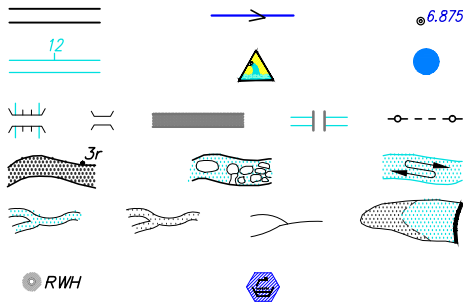
Canal. Outlet. Inundated area by previous flood.

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. 105, ZONE VIII - ANNA NAGAR

PROJECT CONSULTANTS



SECON - JBA Consulting
(India) (U.K.) JV

JBA consulting

SHEET No.

SCALE

DRAWING No.

CFM/SWD/WARD-65

REV.

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