

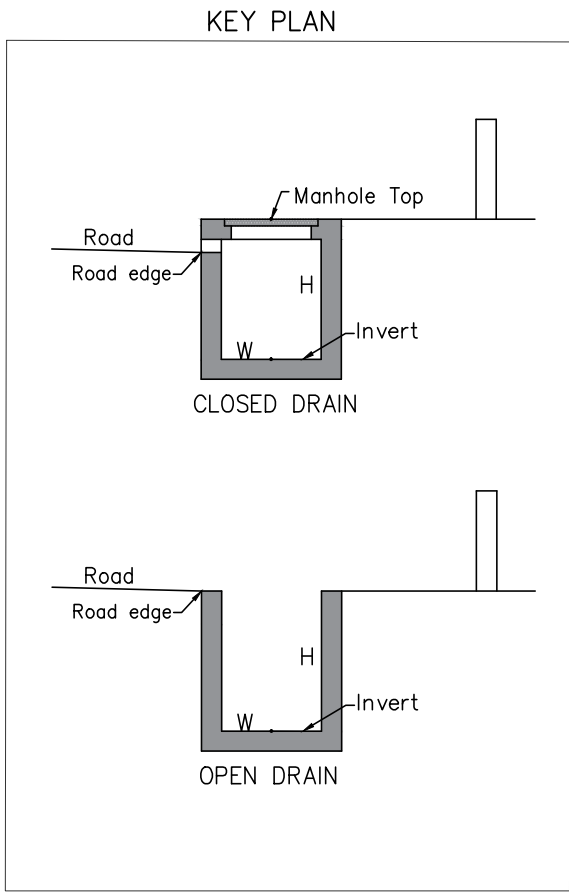
LIST OF POINTS							
Sl No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	Drain Top(m)	MSL LEVEL Invert (m)	Road Edge (m)	Width (m)	Depth (m)
1	A1 (OL)	C	6.656	4.779	6.513	1.003	1.467
2	A2	C	6.993	5.491	6.958	1.008	0.507
3	A3	C	7.404	5.578	7.265	0.910	1.016
4	A4	C	7.059	5.815	6.843	0.953	0.359
5	A5	C	6.617	5.609	6.377	0.805	0.852
6	B1 (OL)	C	6.532	4.892	6.458	1.201	0.730
7	B2	C	6.723	5.407	6.572	0.955	0.895
8	B3	C	7.581	6.089	7.451	1.530	0.960
9	B4	C	6.396	5.216	6.264	0.605	0.757
10	B5	C	6.821	5.967	6.557	0.551	0.402
11	B6	C	6.652	6.139	6.506	0.605	0.030
12	B7	C	7.487	6.836	7.385	0.851	0.493
13	C1 (OL)	C	5.631	4.639	5.406	1.002	0.697
14	C2	C	5.926	4.934	5.751	0.819	0.611
15	C3	C	6.680	5.755	6.582	0.681	0.573
16	C4	C	7.229	6.093	7.082	0.891	0.755
17	C5	C	7.305	6.561	7.182	0.956	0.562
18	C6	C	7.290	6.275	7.106	0.651	0.495
19	C7	C	7.207	6.205	6.970	0.610	0.694
20	C8	C	7.266	6.241	7.024	0.901	0.713
21	D1 (OL)	C	5.886	4.077	5.756	0.810	0.836
22	D2	C	6.223	4.604	6.126	0.804	1.301
23	D3	C	6.841	5.438	6.639	0.961	0.953
24	D4	C	6.800	5.665	6.722	0.981	1.000
25	D5	C	6.968	5.936	6.758	0.985	0.717
26	D6	C	6.954	5.909	6.748	0.910	0.733
27	D7	C	7.168	6.764	6.968	0.859	0.278
28	D8	C	6.199	4.577	6.073	0.910	1.314
29	D9	C	6.300	4.870	6.123	0.956	1.118
30	D10	C	6.901	5.278	6.678	0.905	1.342
31	D11	C	7.571	6.163	7.343	0.802	0.923
32	D12	C	7.607	6.382	7.393	1.005	0.772
33	D13	C	7.621	6.280	7.408	1.005	0.831
34	D14	C	8.251	7.021	8.046	1.008	0.709
35	D15	C	7.160	6.250	7.139	0.730	0.730
36	D16	C	7.135	5.970	7.084	0.910	1.075
37	D17	C	7.223	6.678	7.247	0.820	0.335
38	D18	C	7.595	6.724	7.441	0.560	0.781
39	D19	C	7.624	6.967	7.460	0.620	0.577
40	D20	C	7.209	—	7.101	—	—
41	D21	C	7.169	—	6.959	—	—
42	D22	C	7.239	6.244	7.087	0.940	0.805
43	D23	C	7.364	6.446	7.264	0.530	0.838
44	D24	C	7.676	7.404	7.517	0.850	0.082
45	D25	C	7.710	6.548	7.516	0.710	0.852
46	D26	C	7.382	6.396	7.366	0.940	0.806
47	D27	C	7.658	6.735	7.445	0.740	0.743
48	D28	C	7.789	7.651	6.786	0.690	0.028
49	D29	C	7.873	7.022	7.715	0.690	0.591
50	D30	C	7.937	6.952	7.794	0.680	0.675
51	D31	C	8.005	7.104	7.862	0.730	0.561
52	D32	C	7.671	6.294	7.632	0.800	0.977
53	D33	C	7.943	6.458	7.774	0.660	1.145
54	D34	C	7.823	6.523	7.784	0.630	0.970
55	D35	C	7.740	6.787	7.634	0.610	0.743
56	D36	C	8.014	6.850	7.887	0.810	0.804
57	D37	C	7.844	7.063	7.818	0.710	0.541
58	D38	C	8.423	7.318	8.272	0.760	0.745
59	D39	C	8.812	7.492	8.571	0.790	0.930
60	D40	C	7.843	6.375	7.740	0.760	1.288
61	D41	C	7.427	6.447	7.502	0.780	0.800
62	D42	C	7.911	6.119	7.630	0.590	1.012
63	E1	C	7.937	—	7.687	—	—
64	E2	C	7.943	—	7.659	—	—
65	E3	C	7.756	6.390	7.520	0.610	0.515
66	E4	C	7.909	6.836	7.824	0.605	0.248
67	E5	C	8.012	—	7.745	—	—
68	E6	C	7.759	6.962	7.815	1.282	0.646
69	E7	C	7.980	6.840	7.923	1.251	1.012
70	E8	C	7.715	6.536	7.681	1.310	1.054
71	E9	C	7.808	—	7.744	—	—
72	E10	C	7.702	—	7.701	—	—
73	E11	C	7.664	—	7.714	—	—

LEGEND

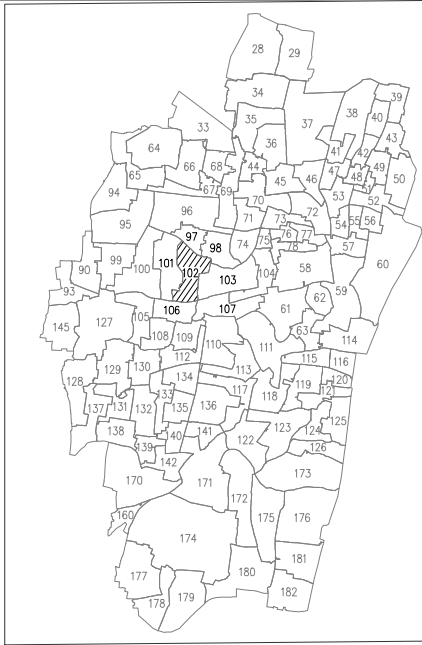
Drain Outlet

Drain With Reverse Gradient

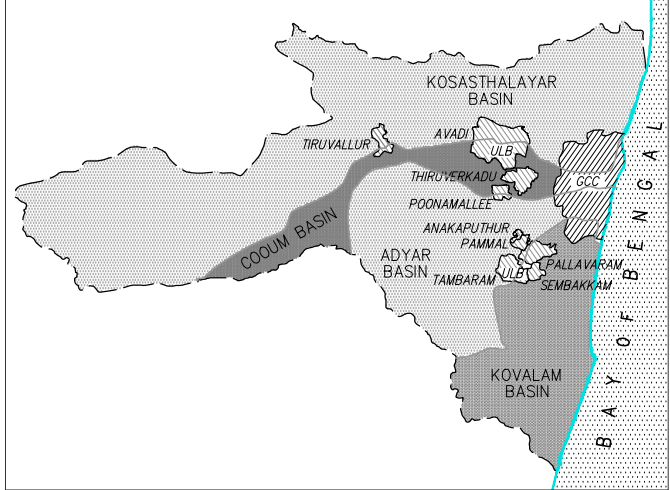
"—" : Manhole's inside not Accessible



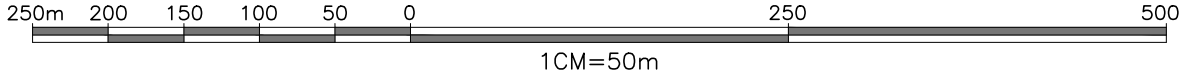
WARDS OF GCC AREA



INDEX OF GCC & ULB's AREA



SCALE 1 : 5,000



PROJECTION:
The metric grid on this sheet is the UTM grid,
Zone 44 N, WGS 84 Spheroid, M.S.L. Datum.
All Dimensions are in Metres.

SHEET HISTORY:
Base map compiled from the details/data provided
by Greater Chennai Corporation (GCC)
Surveyed between 31th December 2020 to 8th January 2021

Produced for the Project of Real Time Flood Forecasting
and Spatial Decision Support System For Chennai
by SECON-JBA under the World Bank funded
Project Development Grant Fund (PDGF).

WARNING:
This Map is not to be published, copied or reproduced
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other means; should be kept in safe custody and
handled by authorised persons only.

PRY 1 13°04'27.075"N 80°13'20.855"E

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 Aanjikarai Bridge

Roads: main; others; mud. Cart track.

Temple. Chhatr. Shrine. Mosque. Idgah. Tomb. Church.

Railways: broad gauge with station; bridge; metro.

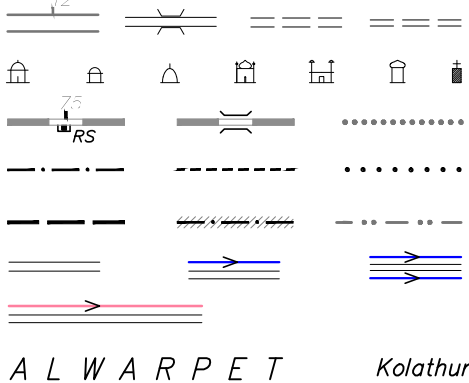
Boundary: state; district; taluk.

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.

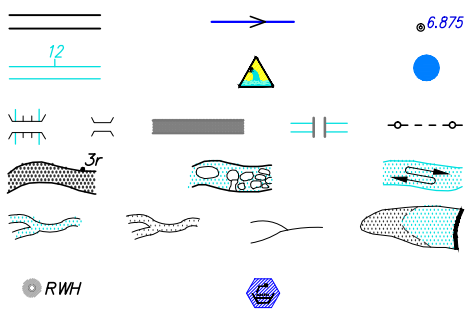
Canal. Outlet. Inundated area by previous flood..






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	  <div>GREATER CHENNAI CORPORATION (GCC) REPRESENTING COMMISSIONERATE OF REVENUE ADMINISTRATION AND DISASTER MANAGEMENT</div>			
FUNDED BY	 <div>PROJECT DEVELOPMENT GRANT FUND (PDGF) (Managed by Tamil Nadu Urban Infrastructure Financial Services Limited)</div>			
PROJECT	PLANNING, SETTING UP AND OPERATIONALIZING REAL TIME FLOOD FORECASTING SPATIAL DECISION SUPPORT SYSTEM FOR CHENNAI			
TITLE	BASE MAP - STORM WATER DRAIN WARD No. 102, ZONE VIII - ANNA NAGAR			
PROJECT CONSULTANTS		SECON - JBA Consulting (India) (U.K.) JV		
SHEET No. 45 OF 114	SCALE 1:5000	DRAWING No.	CFM/SWD/WARD-45	REV. 0