

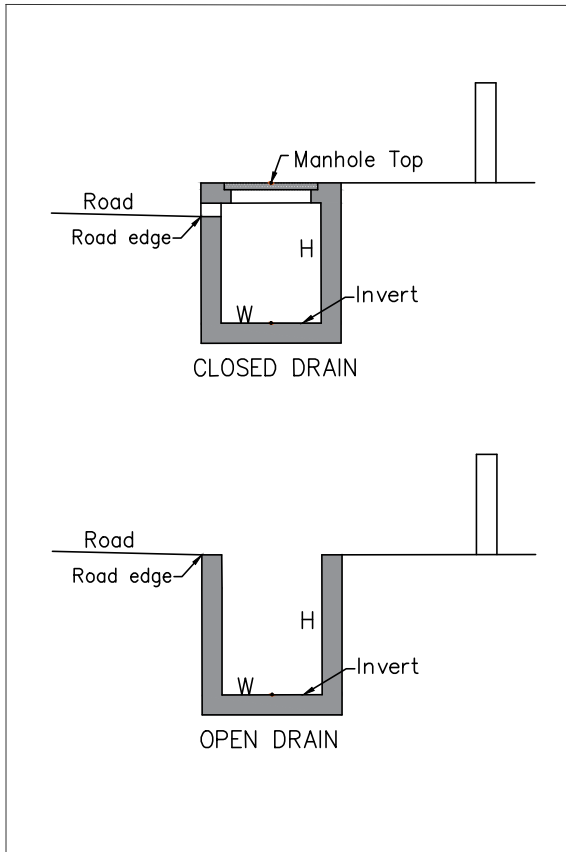


LIST OF POINTS							
Sl No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL		DRAIN DIMENSIONS		
			Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)	Depth (m)
1	A1	C	5.259	4.142	5.075	1.250	0.952
2	A2	C	4.983	4.127	4.838	0.952	0.666
3	A3	C	5.487	4.263	5.290	0.902	1.017
4	A4	C	5.187	4.375	5.061	0.905	0.620
5	A5	C	5.045	3.938	4.967	1.005	0.852
6	A6	C	5.372	4.543	5.257	1.001	0.612
7	A7	C	5.283	4.160	5.226	0.601	0.934
8	A8	C	5.763	4.320	5.774	0.603	1.283
9	A9	C	5.627	4.670	5.662	0.755	0.739
10	A10	C	5.846	5.049	5.849	0.920	0.577
11	A11	C	5.864	5.080	5.908	0.602	0.623
12	A12	C	6.002	5.405	5.997	0.756	0.400
13	A13	C	5.961	5.799	5.984	0.901	-
14	A14	C	5.156	4.248	4.919	0.605	0.753
15	A15	C	5.249	4.328	5.019	0.603	0.749
16	A16	C	5.801	4.394	5.679	0.651	1.205
17	A17	C	5.280	4.152	4.962	0.655	0.927
18	A18	C	6.041	5.214	5.837	0.801	0.604
19	A19	C	6.041	5.139	6.018	0.805	0.667
20	A20	C	5.602	4.619	5.638	0.902	0.788
21	A21	C	5.353	4.395	5.407	0.901	0.756
22	A22	C	5.514	4.412	5.232	0.651	0.907
23	B1	C	5.190	3.932	5.077	1.208	1.085
24	B2	C	4.998	3.490	4.911	1.002	1.336
25	B3	C	5.282	3.876	5.260	1.007	1.198

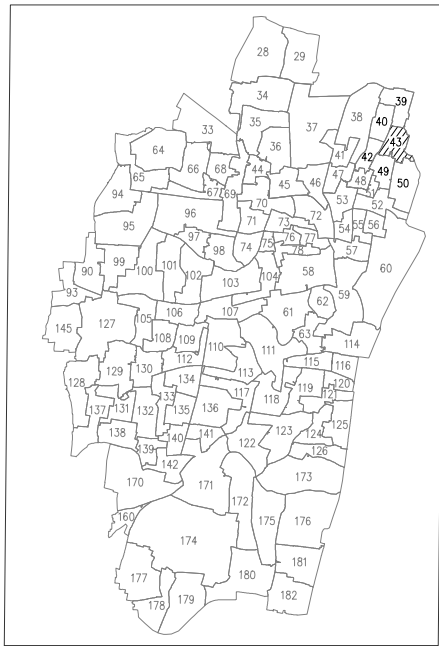
LEGEND

-  Drain Outlet
-  Drain With Reverse Gradient
- "—" : Manhole's inside not Accessible

KEY PLAN



WARDS OF GCC AREA

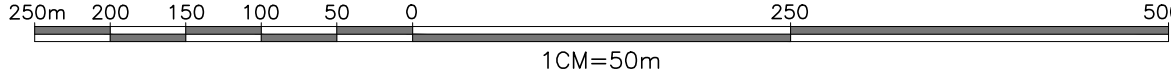


Control Point Located on Ward-7

LIST OF CONTROL POINTS

Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	T71	13°09'13.052"N	80°16'49.516"E	422014.337	1454236.155	2.815	On top of Cement Concrete Basement

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.

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This Map is not to be published, copied or reproduced in part or in whole either by photography or by any other means; should be kept in safe custody and handled by authorised persons only.

**SHEET HISTORY:**  
Base map compiled from the details/data provided by Greater Chennai Corporation (GCC)  
Surveyed between 7th March to 7th March 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).

Roads: main; others; mud. Cart track.

Temple. Chhatra. Shrine. Mosque. Idgah. Tomb. Church.

Railways: broad gauge with station; bridge; metro.

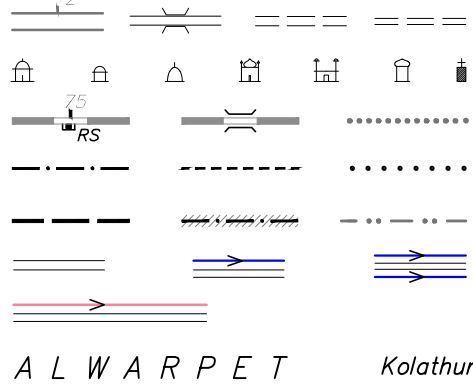
Boundary: state; district; taluk.

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.

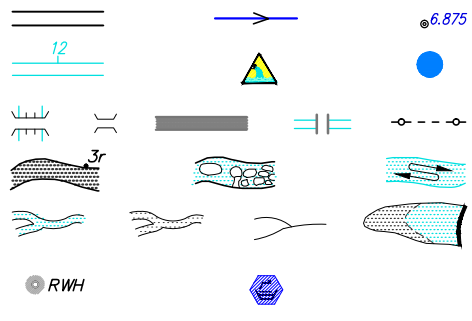
Canal. Outlet. Inundated area by previous flood..

Bridge with piers. Culvert. Flyover. Subway. Sewage line.

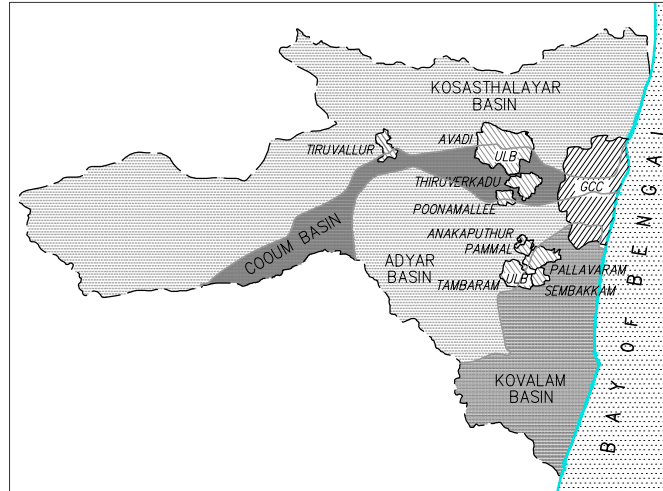
River: dry with water channel; with island & rocks. Tidal river.




Streams: perennial; non perennial; Single line: defined. Tank.

Rain water Harvesting. Stormwater pumping station.



INDEX OF GCC & ULB's AREA



CLIENT	 <b>GREATER CHENNAI CORPORATION (GCC)</b> REPRESENTING COMMISSIONERATE OF REVENUE ADMINISTRATION AND DISASTER MANAGEMENT		
FUNDED BY	 <b>TNUFSL</b>	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. 43, ZONE IV - TONDIARPET		
PROJECT CONSULTANTS	 <b>SECON</b>	<b>SECON - JBA Consulting</b> (India) (U.K.) JV	
SHEET No. 102 OF 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD-102	REV. 0