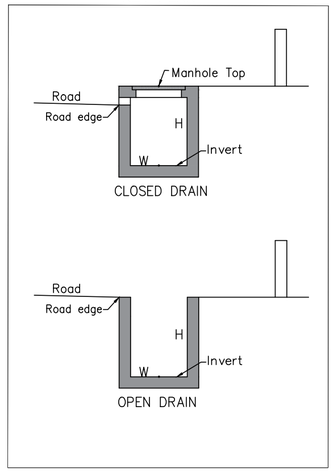
LIST OF POINTS

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	4.161	3.160	3.953	0.901	0.750
2	A2	C	4.047	3.253	3.983	0.901	0.594
3	A3	C	4.413	3.712	4.348	0.901	0.450
4	A4	C	4.284	4.083	4.426	0.901	0.050
5	A5	C	4.485	4.221	4.540	0.901	0.114
6	A6	C	4.420	4.105	4.421	0.900	0.165
7	A7	C	4.004	3.205	3.954	0.901	0.602
8	A8	C	3.950	3.149	3.774	0.901	0.650
9	A9	C	3.902	3.001	3.738	1.001	0.451
10	A10	C	4.039	3.338	3.776	0.801	0.450
11	A11	C	4.443	3.642	4.377	0.901	0.600
12	A12	C	5.019	3.989	4.985	0.901	0.729
13	A13	C	5.874	4.973	5.820	0.901	0.550
14	A14	C	5.509	4.608	5.439	0.901	0.650
15	A15	C	5.493	4.207	5.484	0.901	1.086
16	A16	C	5.712	4.399	5.681	0.901	1.163
17	A17	C	5.406	4.405	5.386	0.801	0.750
18	A18	C	5.243	4.342	5.253	0.901	0.650
19	A19	C	5.244	4.443	5.140	0.901	0.550
20	A20	C	5.291	4.490	5.252	0.801	0.550
21	A21	C	4.838	3.637	4.752	0.901	0.950
22	A22	C	5.220	4.519	5.102	0.701	0.550
23	A23	C	5.164	4.413	5.210	0.701	0.600
24	A24	C	5.335	4.084	5.226	1.001	1.000
25	A25	C	5.318	4.117	5.311	0.801	0.950
26	A26	C	5.092	3.892	5.097	1.001	1.050
27	A27	C	5.525	4.025	5.530	0.901	1.350
28	A28	C	5.594	4.125	5.602	0.901	1.319
29	A29	C	5.181	3.980	5.230	0.901	0.850
30	A30	C	5.223	4.222	5.264	0.901	1.001
31	B1	C	5.341	3.804	5.368	0.901	1.386
32	B2	C	5.643	5.393	5.482	0.901	0.100
33	B3	C	5.337	4.087	5.154	1.201	0.999
34	B4	C	5.173	3.925	5.104	1.120	0.998
35	B5	C	5.124	4.223	5.011	1.120	0.550
36	B6	C	5.083	4.182	5.096	0.901	0.650
37	B7	C	5.311	4.222	5.204	0.901	0.938
38	B8	C	5.056	4.355	5.075	0.801	0.450
39	B9	C	5.244	4.494	4.928	0.801	0.499
40	B10	C	4.883	4.382	4.873	0.701	0.350
41	B11	C	4.983	4.282	5.008	0.701	0.550
42	B12	C	5.153	4.748	5.157	0.901	0.154
43	B13	C	5.038	4.437	5.043	0.901	0.350
44	B14	C	4.956	4.355	5.010	0.901	0.380

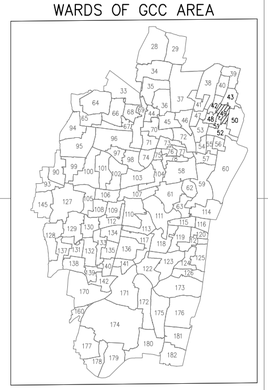
LEGEND

- Drain Outlet
- Drain With Reverse Gradient
- "–" : Manhole's Inside not Accessible

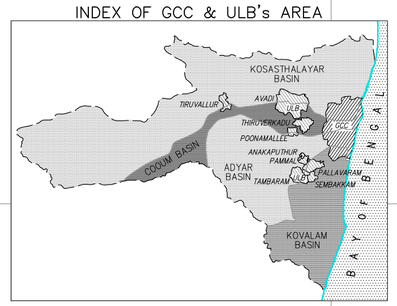
KEY PLAN

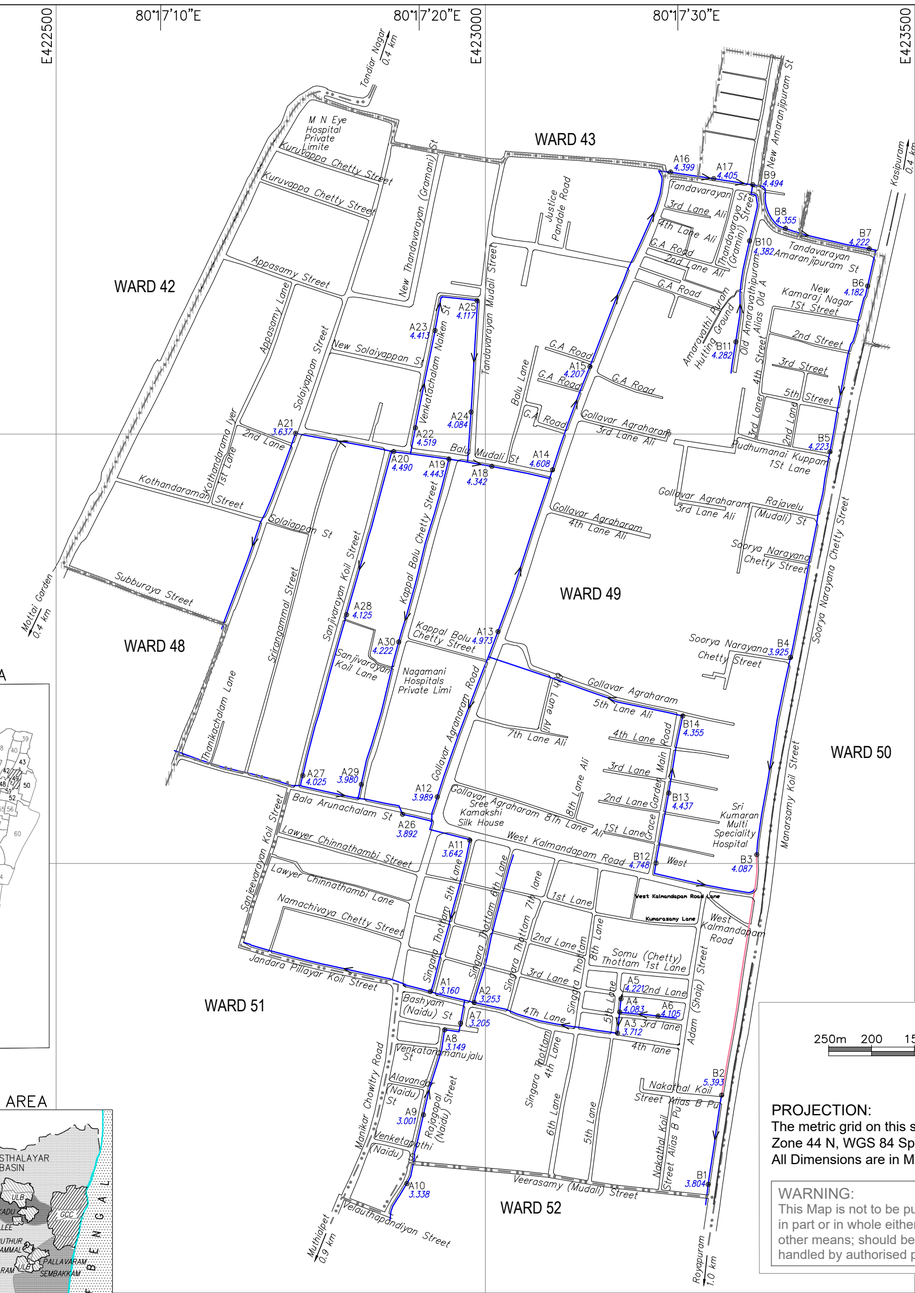


WARDS OF GCC AREA



INDEX OF GCC & ULB's AREA





Control Point Located on Ward–60

T121 13°04'54.084"N 80°17'18.708"E

SCALE 1 : 5,000

250m 200 150 100 50 0 250 500m

1CM=50m

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:
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SHEET HISTORY:
Base map compiled from the details/data provided by Greater Chennai Corporation (GCC)
Surveyed between 16th February to 18th February 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).

LIST OF CONTROL POINTS

Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	T121	13°04'54.084"N	80°17'18.708"E	422870.762	1446277.943	4.440	On top of RCC Basement

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 oneside drain; with both side drain.

Road with reverse gradient drain.

Spaced names: locality; village. A L W A R P E T Kolathur

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

Canal. Outlet.Inundated area by privious 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. RWH

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. 49, ZONE V - ROYAPURAM
PROJECT CONSULTANTS	SECON - JBA Consulting (India) (U.K.) JV
SHEET No. 96 OF 114	SCALE 1:5000
DRAWING No.	CFM/SWD/WARD–96
REV.	0