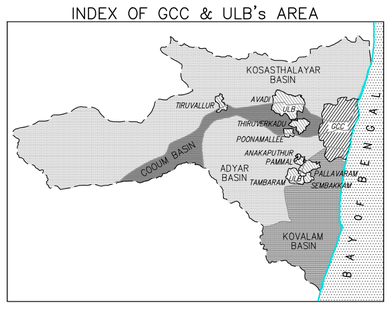
LIST OF POINTS

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	4.118	3.153	4.003	0.992	0.800
2	A2	C	4.407	3.512	4.232	0.901	0.714
3	A3	C	5.069	4.219	4.989	0.800	0.635
4	A4	C	5.187	4.331	5.111	0.801	0.700
5	A5	C	4.985	4.229	4.527	0.801	0.601
6	A6	C	4.826	4.035	4.922	0.786	0.630
7	A7	C	4.616	3.795	4.726	0.775	0.676
8	A8	C	4.576	3.725	4.644	0.765	0.666
9	A9	C	4.872	4.097	4.818	0.856	0.634
10	A10	C	4.837	4.122	4.845	0.801	0.554
11	A11	C	4.816	4.041	4.809	0.915	0.630
12	A12	C	4.790	3.894	4.525	0.810	0.715
13	A13	C	4.644	3.777	4.506	0.856	0.666
14	A14	C	4.829	4.004	4.756	0.765	0.624
15	A15	C	5.138	4.373	5.166	0.825	0.600
16	A16	C	5.236	4.515	5.206	0.865	0.581
17	A17	C	5.013	4.257	5.334	0.801	0.571
18	A18	C	5.249	4.428	5.255	0.756	0.700
19	A19	C	5.298	4.577	5.323	0.785	0.601
20	A20	C	5.557	4.772	5.435	0.675	0.620
21	A21	C	6.031	5.266	5.993	0.851	0.564
22	A22	C	6.019	5.218	5.938	0.765	0.636
23	A23	C	4.810	4.045	4.657	0.865	0.600
24	A24	C	4.970	4.319	4.766	0.711	0.530
25	A25	C	5.046	4.344	4.904	0.765	0.541
26	A26	C	5.267	4.642	5.031	0.721	0.424
27	A27	C	4.797	4.012	4.610	0.751	0.639
28	A28	C	4.879	4.104	4.541	0.761	0.630
29	A29	C	5.070	4.314	4.881	0.751	0.575
30	A30	C	4.609	3.894	4.451	0.865	0.574
31	A31	C	4.755	3.990	4.598	0.815	0.624
32	A32	C	4.639	3.828	4.365	0.821	0.660
33	B1	C	4.431	3.480	4.245	0.921	0.736
34	B2	C	4.475	3.719	4.313	0.985	0.626
35	B3	C	4.826	3.961	4.608	0.885	0.684
36	B4	C	4.564	3.769	4.368	0.826	0.628
37	B5	C	4.402	3.646	4.405	0.805	0.575
38	B6	C	4.577	3.681	4.305	0.851	0.695
39	B7	C	4.620	3.895	4.408	0.901	0.424
40	B7A	C	4.689	3.788	4.581	0.851	0.736
41	B8	C	4.701	3.806	4.630	0.775	0.720
42	B9	C	4.987	4.222	4.880	0.801	0.598
43	B10	C	5.382	4.507	5.237	0.756	0.710
44	B11	C	4.806	3.955	4.626	0.765	0.672
45	B12	C	4.801	3.946	4.674	0.789	0.689
46	B13	C	4.944	4.193	4.920	0.862	0.556
47	B14	C	5.184	4.319	5.141	0.851	0.680
48	B15	C	4.989	4.188	4.819	0.701	0.649
49	B16	C	4.867	4.082	4.596	0.715	0.640
50	B17	C	4.809	4.053	4.639	0.810	0.600
51	B18	C	4.620	3.819	4.423	0.765	0.650
52	B19	C	4.696	3.895	4.584	0.785	0.615
53	B20	C	4.794	4.043	4.559	0.851	0.550
54	B21	C	4.800	3.950	4.802	0.800	0.650
55	B22	C	5.080	4.265	4.950	0.951	0.614
56	B23	C	4.900	4.360	4.767	0.700	0.330
57	B24	C	4.837	4.436	4.642	0.701	0.276
58	B25	C	4.728	4.377	4.457	0.715	0.170
59	B26	C	4.568	3.867	4.259	0.851	0.556
60	B27	C	4.808	4.003	4.518	0.901	0.390
61	B28	C	4.641	3.876	4.663	0.815	0.620
62	B29	C	4.547	3.742	4.361	0.751	0.640
63	B30	C	4.613	3.862	4.568	0.701	0.600
64	B31	C	4.744	3.958	4.440	0.815	0.605
65	B32	C	4.759	3.944	4.512	0.851	0.653

LEGEND

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

INDEX OF GCC & ULB's AREA



LIST OF CONTROL POINTS

Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	S05	13°09'55.838"N	80°14'42.536"E	418195.391	1455561.796	6.69	On top of RCC Basement

SCALE 1 : 5,000

250m 200 150 100 50 0 250 500m

1CM=50m

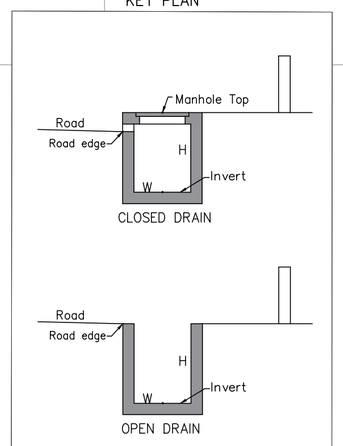
PROJECTION:
The metric grid on this sheet is the UTM grid, Zone 44 N, WGS 84 Spheroid, M.S.L. Datum. All Dimensions are in Metres.

WARNING:
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.

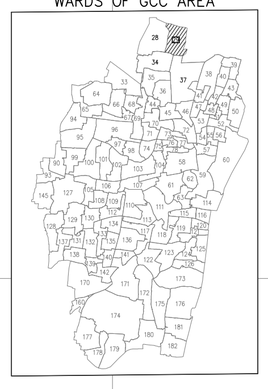
SHEET HISTORY:
Base map compiled from the details/data provided by Greater Chennai Corporation (GCC) Surveyed between 9th March to 10th March 2021

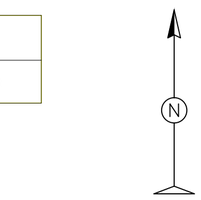
Produced for the Project of Real Time Flood Forecasting and Spatial Decision Support System For Chennai by SECON-JBA under the World Bank funded Project Development Grant Fund (PDGF).

KEY PLAN



WARDS OF GCC AREA





Control Point Located on Ward–27

S05 13°09'55.838"N 80°14'42.536"E

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.

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. 29, ZONE III - MADHAVARAM		
PROJECT CONSULTANTS	SECON - JBA Consulting (India) (U.K.) JV		
SHEET No. 113 OF 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD–113	REV. 0