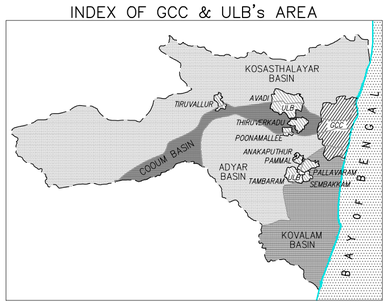
LIST OF POINTS

Sl No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL Drain Top(m)	MSL LEVEL Invert (m)	MSL LEVEL Road Edge (m)	DRAIN DIMENSIONS Width (m)	DRAIN DIMENSIONS Depth (m)
1	A1	C	2.841	1.988	2.706	1.203	0.396
2	A2	C	2.287	1.967	2.344	0.850	0.320
3	A3	C	2.355	–	2.345	–	–
4	A4	C	2.661	2.125	2.370	0.805	0.231
5	A5	C	2.840	1.889	2.699	1.205	0.398
6	A6	C	2.884	1.972	2.864	0.608	0.511
7	A7	C	2.622	1.321	2.602	0.958	0.436
8	A8	C	3.036	2.128	2.927	0.801	0.657
9	A9	C	2.909	2.301	–	0.809	0.389
10	A10	C	2.958	2.341	2.890	0.801	0.202
11	A11	C	3.313	2.104	3.161	0.905	0.606
12	A12	C	3.232	2.029	3.162	0.701	0.588
13	A13	C	3.324	2.431	3.264	0.904	0.512
14	A14	C	3.071	2.388	3.106	0.656	0.498
15	A15	C	3.421	–	3.402	–	–
16	A16	C	3.182	2.811	3.182	0.657	0.220
17	A17	C	2.869	–	2.681	–	–
18	A18	C	3.004	1.902	2.817	1.508	0.746
19	A19	C	2.899	2.130	2.703	0.750	0.454
20	A20	C	3.326	2.803	3.149	0.639	0.368
21	A21	C	2.753	2.033	2.653	1.205	0.194
22	A22	C	3.062	1.310	2.950	2.502	0.502
23	A23	C	3.089	2.162	3.091	1.255	0.317
24	A24	C	3.166	2.523	2.952	0.651	0.458
25	A25	C	3.381	2.700	3.233	0.657	0.501
26	A26	C	3.740	2.638	3.567	0.970	0.792
27	A27	C	4.032	3.137	3.779	0.903	0.487
28	A28	C	3.913	3.476	3.670	0.810	0.157
29	A29	C	3.942	3.321	3.739	0.691	0.432
30	A30	C	4.151	–	3.900	–	–
31	A31	C	3.122	2.507	3.007	0.651	0.297
32	A32	C	2.960	2.579	2.711	0.708	0.128
33	A33	C	3.228	2.175	3.190	0.601	0.378
34	A34	C	3.264	–	3.249	–	–
35	A35	C	3.414	–	3.462	–	–
36	A36	C	2.924	–	3.003	–	–
37	A37	C	3.478	3.309	3.371	0.912	0.004
38	A38	C	3.222	3.121	3.156	–	–
39	A39	C	3.045	–	3.083	–	–
40	A40	C	3.336	3.061	3.291	0.802	0.275
41	A41	C	3.458	2.675	3.448	0.685	0.594
42	A42	C	3.699	2.493	3.614	0.671	0.948
43	A43	C	3.595	–	3.586	–	–
44	A44	C	3.508	2.644	3.530	0.701	0.556
45	A45	C	3.782	2.497	3.786	0.908	0.484
46	A46	C	3.903	2.694	3.728	0.890	0.402
47	A47	C	3.815	2.883	3.721	0.910	0.624
48	A48	C	3.846	2.739	3.758	0.908	0.497
49	A49	C	3.835	2.327	3.758	0.910	0.796

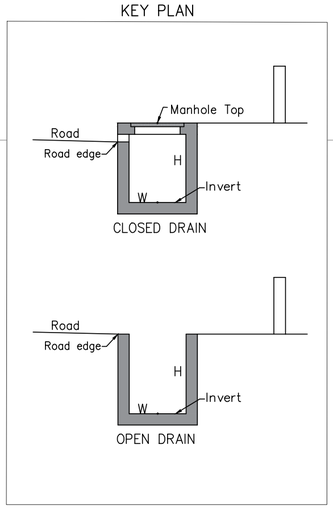
LEGEND

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

INDEX OF GCC & ULB's AREA



KEY PLAN



WARDS OF GCC AREA

Control Point Located on Ward–98

T113 13°05'07.512"N 80°14'21.905"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 13th 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	T113	13°05'07.512"N	80°14'21.905"E	417547.592	1446705.945	5.21	On top of Cement Concrete 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.

CLIENT	GREATER CHENNAI CORPORATION (GCC) REPRESENTING COMMISSIONERATE OF REVENUE ADMINISTRATION AND DISASTER MANAGEMENT	
FUNDED BY	TNUIFSL 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. 76, ZONE VI - THIRUVIKA NAGAR	
PROJECT CONSULTANTS	SECON - JBA Consulting (India) (U.K.) JV	
SHEET No. 75 OF 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD–75 REV. 0