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	4.965	4.062	4.866	0.795	0.704
2	A2	C	5.034	4.298	4.862	0.708	0.528
3	A3	C	5.236	4.333	5.081	0.612	0.712
4	A4	C	5.296	4.584	5.136	0.610	0.532
5	A5	C	5.473	4.902	5.271	0.657	0.381
6	A6	C	5.519	4.826	5.410	0.801	0.483
7	A7	C	5.829	5.093	5.683	0.895	0.455
8	A8	C	6.034	5.463	5.873	0.902	0.345
9	A9	C	6.028	5.245	5.878	0.907	0.468
10	A10	C	5.753	5.435	5.520	0.655	0.133
11	A11	C	4.759	3.974	4.714	0.805	0.615
12	A12	C	5.139	4.408	5.191	0.601	0.576
13	A13	C	6.308	5.690	6.227	0.716	0.403
14	A14	C	5.178	4.485	5.180	0.751	0.430
15	A15	C	5.323	4.542	5.313	0.705	0.569
16	A16	C	6.389	5.754	6.067	0.703	0.434
17	A17	C	4.855	3.902	4.783	0.810	0.794
18	A18	C	4.798	3.886	4.644	0.810	0.702
19	A19	C	4.913	3.988	4.922	0.812	0.733
20	A20	C	5.170	4.519	5.097	0.591	0.450
21	B1	C	4.983	3.866	4.971	0.812	0.908
22	B2	C	5.046	3.938	5.023	0.815	0.852
23	B3	C	5.075	3.973	5.103	0.807	0.893
24	B4	C	5.019	3.947	5.001	0.810	0.855
25	B5	C	5.255	4.282	5.261	0.807	0.722
26	B6	C	5.812	4.723	5.676	0.801	0.886
27	B7	C	5.599	4.574	5.562	0.803	0.798
28	B8	C	5.471	4.478	5.079	0.810	0.681
29	C1	C	3.657	2.796	3.631	0.901	0.610
30	C2	C	4.190	3.130	4.106	0.905	0.857
31	C3	C	4.700	3.390	4.689	1.201	1.107
32	D1	C	3.154	1.937	3.164	0.912	1.009
33	D2	C	3.413	2.261	3.383	0.910	0.925
34	D3	C	3.967	2.894	3.874	0.851	0.870
35	F1	C	–	–	–	–	–

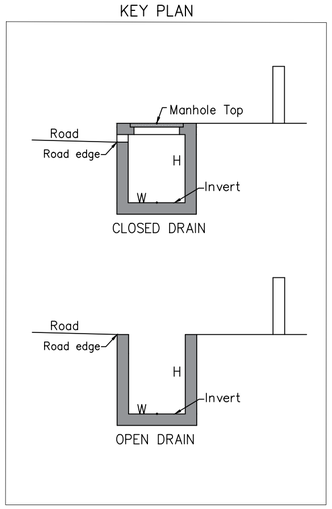
LEGEND

Drain Outlet

Drain With Reverse Gradient

"–" : Manhole's Inside not Accessible

KEY PLAN

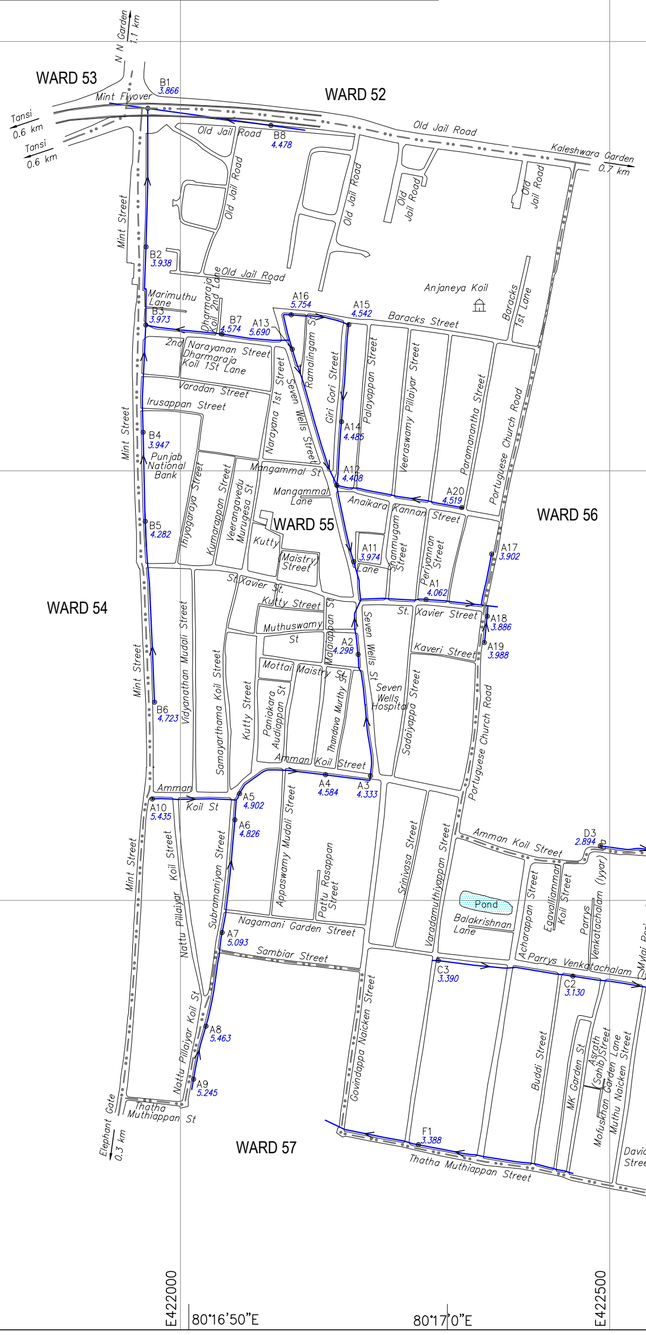


LIST OF CONTROL POINTS

Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	T121	13°04'54.084"N	80°17'18.709"E	422870.762	1446277.943	4.44	On top of RCC Basement

Control Point Located on Ward–60

T121 13°04'54.084"N 80°17'18.709"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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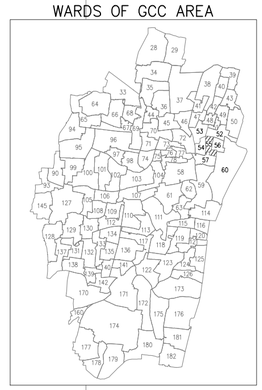
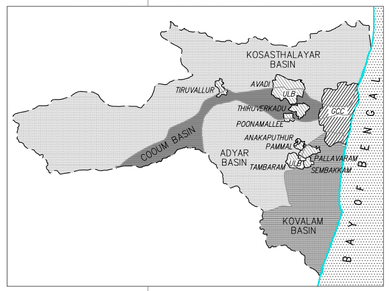
SHEET HISTORY:
Base map compiled from the details/data provided by Greater Chennai Corporation (GCC)
Surveyed between 16th February to 18th February 2021

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).

WARDS OF GCC AREA



INDEX OF GCC & ULB's AREA



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. 55, ZONE V -ROYAPURAM		
PROJECT CONSULTANTS	SECON - JBA Consulting (India) (U.K.) JV		
SHEET No. 90 OF 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD–90	REV. 0