LIST OF POINTS

Sl No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL Drain Top(m)	Invert (m)	Road Edge (m)	DRAIN DIMENSIONS Width (m)	Depth (m)
1	A1 (OL)	C	9.489	7.988	9.217	0.681	0.820
2	A2	C	9.051	7.850	8.766	0.981	0.700
3	A3	C	9.767	8.566	9.540	0.781	0.250
4	A4	C	10.208	–	10.192	–	–
5	A5	C	10.164	8.663	9.947	1.001	1.100
6	A6	C	10.568	–	10.231	–	–
7	A7	C	10.480	–	10.171	–	–
8	A8	C	11.067	–	10.863	–	–
9	A9	C	8.729	7.378	8.606	0.981	0.850
10	B1	C	10.877	–	10.450	–	–
11	B2	C	11.049	9.748	10.705	0.781	1.050
12	B3	C	10.930	10.179	10.750	1.101	0.300
13	B4	C	10.732	10.231	10.554	0.618	0.350
14	C1	C	10.861	10.010	10.610	1.001	0.700
15	C2	C	10.838	10.337	10.691	1.001	0.100
16	C3	C	11.043	10.142	10.857	1.001	0.500
17	D1	C	10.630	9.929	10.580	1.001	0.550
18	D2	C	10.580	–	10.580	–	–
19	D3	C	11.021	–	10.781	–	–
20	E1	C	8.729	7.778	8.556	1.101	0.600
21	E2	C	9.524	–	9.375	–	–
22	E3	C	9.775	8.674	9.826	1.101	0.786
23	E4	C	10.212	–	10.028	–	–
24	E5	C	11.268	–	10.874	–	–
25	E6	C	10.616	10.265	10.389	0.781	0.200
26	E7	C	10.583	9.482	10.589	1.001	0.750
27	E8	C	10.200	–	9.986	–	–
28	E9	C	9.650	8.999	9.484	0.981	0.500
29	E10	C	9.943	8.842	9.515	1.001	0.400
30	E11	C	9.478	8.977	9.450	0.981	0.350
31	E12	C	9.462	–	9.500	–	–
32	E13	C	9.155	7.945	9.145	0.781	1.059
33	E14	C	9.315	–	9.340	–	–
34	E15	C	9.499	8.498	9.546	0.981	0.850
35	E16	C	9.435	8.534	9.328	0.781	0.750
36	E17	C	9.728	–	9.587	–	–
37	F1	C	11.170	9.969	10.694	1.401	0.880
38	F2	C	10.650	8.949	10.645	1.401	1.380
39	F3	C	10.852	9.051	10.685	1.001	1.550
40	G1	C	9.782	–	9.733	–	–
41	G2	C	10.570	–	10.512	–	–
42	H1	C	9.860	9.609	9.731	1.001	–
43	H2	C	11.364	10.563	10.802	0.801	0.550
44	H3	C	10.374	–	10.201	–	–
45	H4	C	10.363	–	10.297	–	–
46	H5	C	10.344	9.343	10.481	0.781	0.876
47	H6	C	10.056	9.455	9.996	0.781	0.411
48	H7	C	9.903	–	9.890	–	–
49	I1	C	8.774	–	8.809	–	–
50	I2	C	8.893	–	8.899	–	–
51	I3	C	9.066	–	9.067	–	–
52	I4	C	9.192	–	9.103	–	–
53	I5	C	9.253	8.252	8.944	0.681	0.650
54	I6	C	9.195	8.394	8.914	0.781	0.650
55	I7	C	9.151	8.450	9.131	0.601	0.576
56	I8	C	9.176	8.325	9.247	0.781	0.699
57	I9	C	9.479	8.378	9.312	0.801	0.750
58	I10	C	9.458	–	9.378	–	–
59	I11	C	9.509	8.299	9.516	0.510	1.059
60	I12	C	9.738	–	9.577	–	–
61	I13	C	9.307	8.906	9.297	0.510	0.300
62	I14	C	9.188	8.387	9.326	0.510	0.700
63	I15	C	9.442	–	9.242	–	–
64	J1	C	8.880	–	8.747	–	–
65	J2	C	9.764	–	9.694	–	–
66	J3	C	9.760	9.259	9.792	0.781	0.300
67	J4	C	9.737	9.286	9.743	0.781	0.250
68	J5	C	9.945	–	9.866	–	–
69	J6	C	9.764	–	9.714	–	–
70	J7	C	9.733	9.232	9.743	0.781	0.350
71	J8	C	9.801	–	9.587	–	–
72	K1	C	9.725	–	9.582	–	–
73	K2	C	9.834	8.983	9.633	0.781	0.600
74	K3	C	9.786	–	9.634	–	–

LEGEND

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

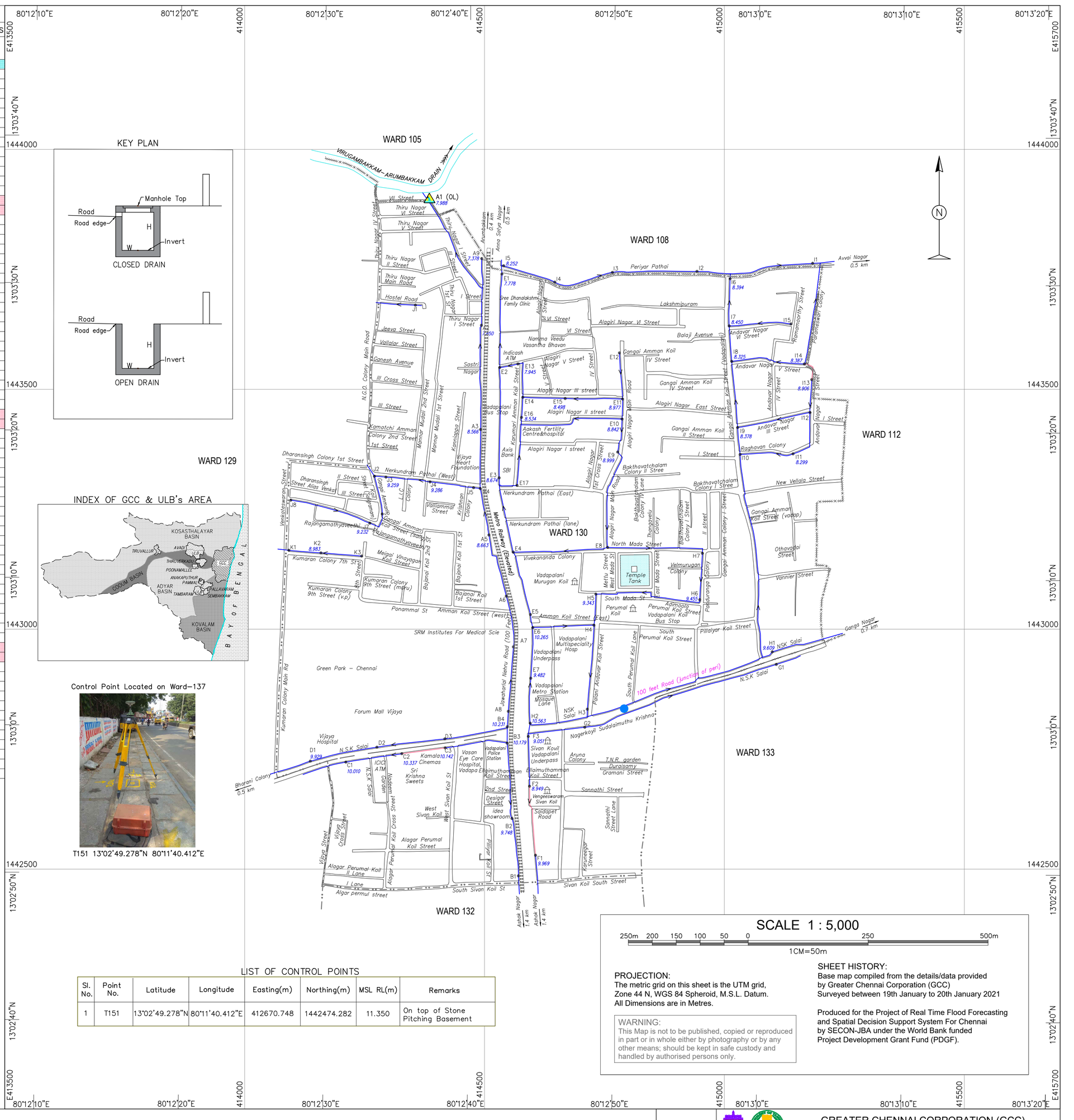
WARDS OF GCC AREA

KEY PLAN

INDEX OF GCC & ULB's AREA

Control Point Located on Ward–137

T151 13°02'49.278"N 80°11'40.412"E



LIST OF CONTROL POINTS

Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	T151	13°02'49.278"N	80°11'40.412"E	412670.748	1442474.282	11.350	On top of Stone Pitching 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:
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SHEET HISTORY:
Base map compiled from the details/data provided by Greater Chennai Corporation (GCC)
Surveyed between 19th January to 20th January 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. 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. ALWARPET 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. 130, ZONE X - KODAMBAKKAM	
PROJECT CONSULTANTS	SECON (India) - JBA Consulting (U.K.) JV	
SHEET No. 54 OF 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD–54 REV. 0