

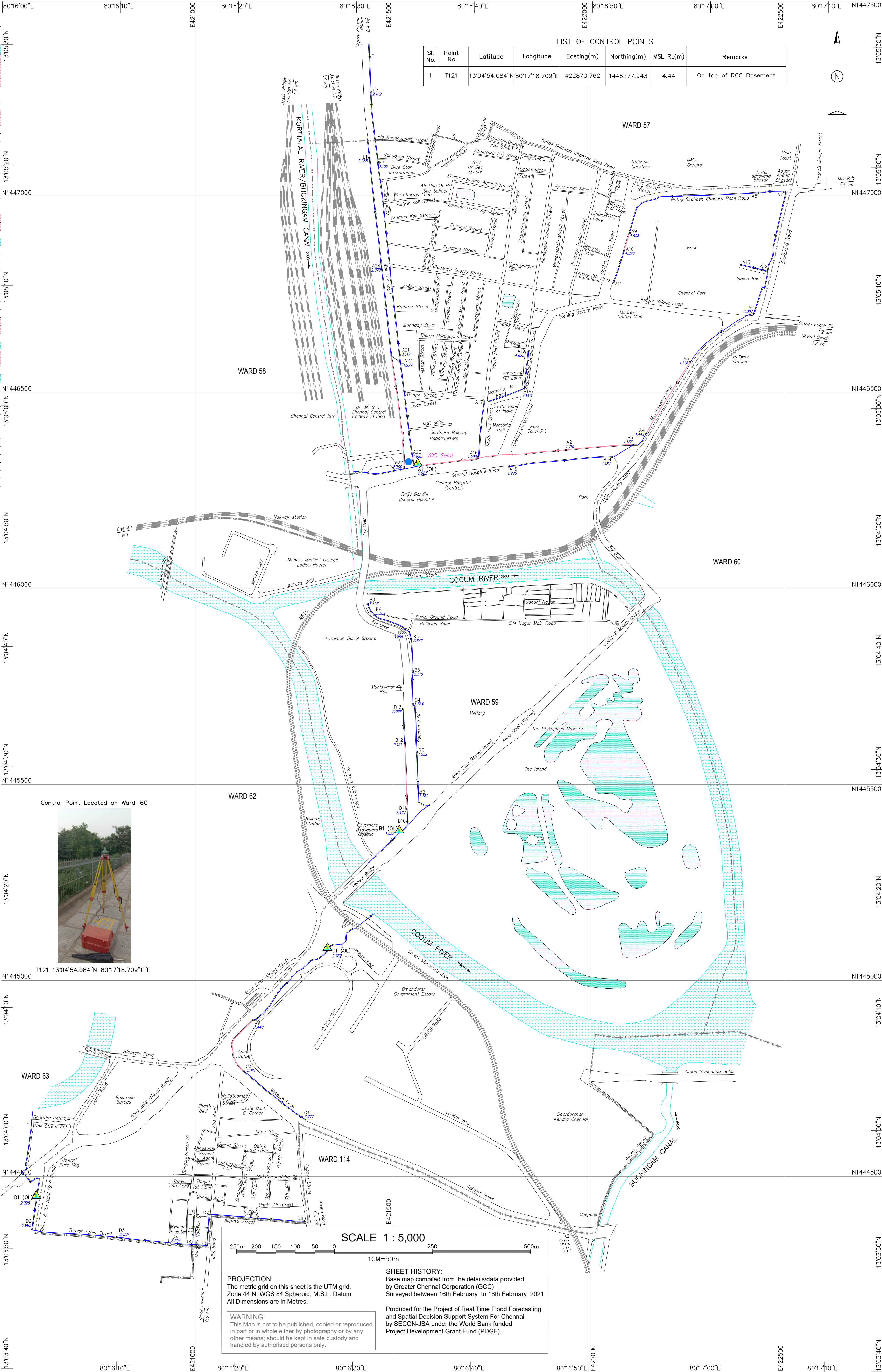
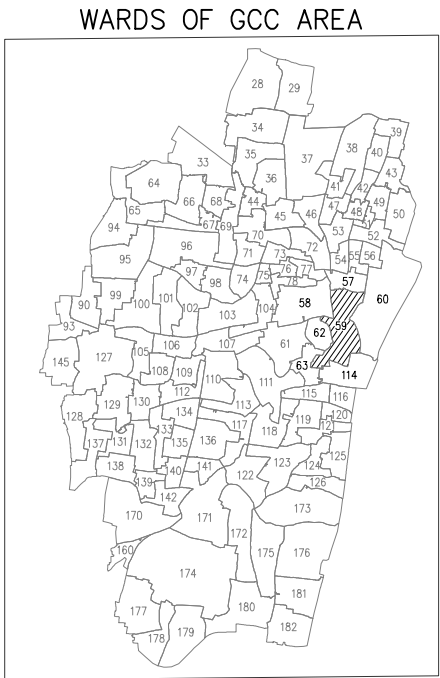
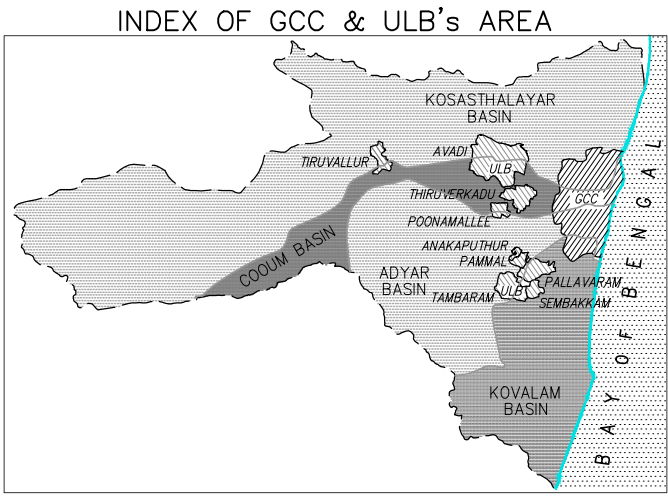
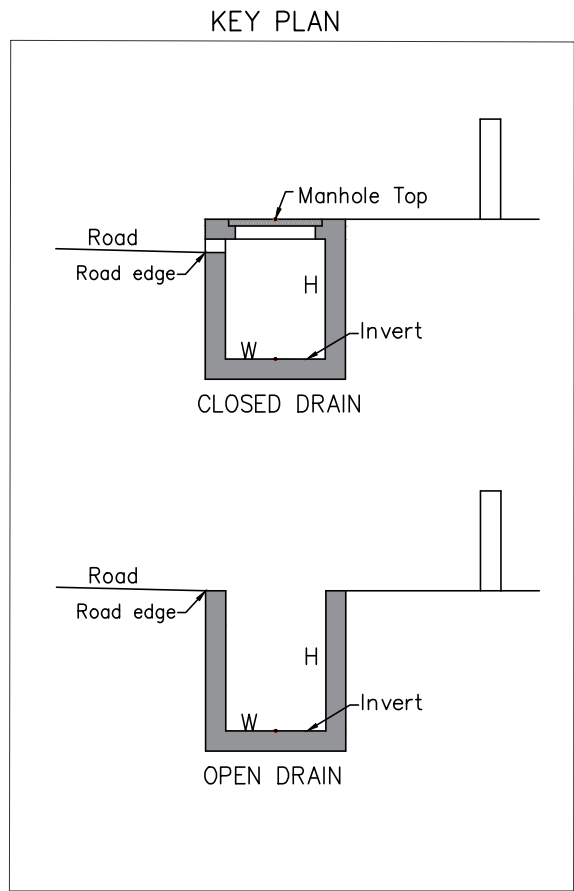
LIST OF POINTS							
Sl No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL		DRAIN DIMENSIONS		
			Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)	Depth (m)
1	A1 (OL)	C	3.305	2.083	3.101	1.657	0.889
2	A2	C	3.094	1.751	2.850	1.702	0.887
3	A3	C	3.155	1.133	3.307	1.709	1.801
4	A4	C	3.300	1.449	2.956	1.962	1.550
5	A5	C	3.123	1.126	2.868	1.751	1.396
6	A6	C	3.438	2.907	3.153	0.765	0.364
7	A7	C	4.000	—	3.737	—	—
8	A8	C	3.914	—	3.668	—	—
9	A9	C	5.644	4.996	5.414	0.678	0.227
10	A10	C	5.844	4.820	5.639	1.276	0.512
11	A11	C	5.558	—	5.558	—	—
12	A12	C	3.752	—	3.463	—	—
13	A13	C	3.726	—	3.508	—	—
14	A14	C	3.157	1.187	3.083	1.572	1.706
15	A15	C	3.954	1.900	3.708	1.546	1.644
16	A16	C	3.900	1.990	3.724	1.473	1.416
17	A17	C	5.777	—	5.646	—	—
18	A18	C	5.119	4.142	4.905	1.157	0.601
19	A19	C	5.430	4.625	5.176	0.976	0.571
20	A20	C	3.228	1.925	3.098	1.390	0.903
21	A21	C	3.625	3.117	3.510	1.290	0.018
22	A22	C	3.703	2.290	3.239	1.300	0.923
23	A23	C	3.705	1.977	3.497	1.100	0.828
24	A24	C	3.646	2.878	3.458	1.150	0.468
25	B1 (OL)	C	3.489	1.082	3.201	1.850	1.367
26	B2	C	2.815	1.362	2.591	1.500	1.323
27	B3	C	2.662	1.259	2.506	1.450	1.123
28	B4	C	2.806	1.364	2.726	1.300	1.142
29	B5	C	3.106	2.515	2.802	1.200	0.411
30	B6	C	3.004	2.842	2.987	1.230	0.062
31	B7	C	3.443	3.266	3.354	1.200	0.077
32	B8	C	5.735	5.369	5.682	0.700	0.176
33	B9	C	6.377	6.123	6.350	0.800	0.104
34	B10	C	3.252	—	2.939	—	—
35	B11	C	3.031	2.427	2.879	0.650	0.204
36	B12	C	2.781	2.161	2.535	0.600	0.120
37	B13	C	3.069	2.098	2.690	0.600	0.421
38	C1 (OL)	C	3.380	2.762	3.052	0.912	0.304
39	C2	C	3.861	3.448	3.754	0.783	0.201
40	C3	C	4.032	3.185	3.864	0.764	0.641
41	C4	C	4.433	3.777	4.370	1.162	0.292
42	D1 (OL)	C	3.607	2.028	3.387	1.178	1.187
43	D2	C	3.812	2.993	3.625	0.987	0.619
44	D3	C	4.606	3.455	4.549	1.059	0.967
45	D4	C	4.150	3.294	4.089	1.108	0.693
46	D5	C	4.379	—	4.293	—	—
47	D6	C	4.491	—	4.526	—	—
48	D7	C	4.424	—	4.447	—	—
49	D8	C	4.403	—	4.380	—	—
50	D9	C	4.261	—	4.261	—	—
51	D10	C	4.085	—	3.988	—	—
52	E1	C	3.158	2.268	2.919	1.100	0.590
53	F1	C	3.045	—	2.932	NON	OPENABLE
54	F2	C	2.978	2.102	2.836	0.750	0.526
55	F3	C	3.232	3.106	3.087	1.100	0.026

LEGEND

Drain Outlet

Drain With Reverse Gradient

"—" : Manhole's inside not Accessible



Roads: main; others; mud. Cart track.

Temple. Chhatr. 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.

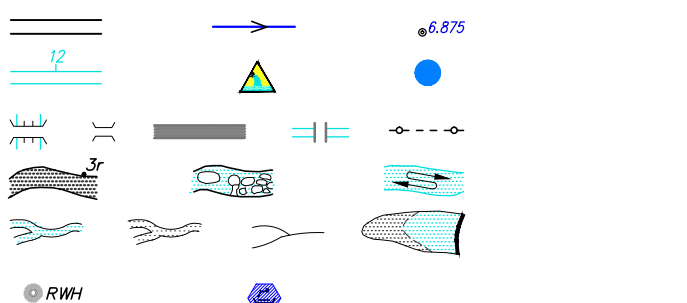
Canal. Outlet. Inundated area by privous flood..

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. 59, ZONE V - ROYAPURAM		
PROJECT CONSULTANTS	SECON - JBA Consulting (India) (U.K.) JV		
SHEET No. 22 OF 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD-22	REV. 0