

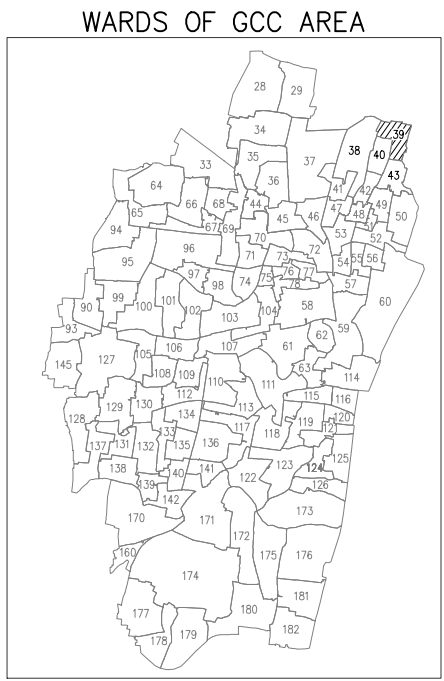
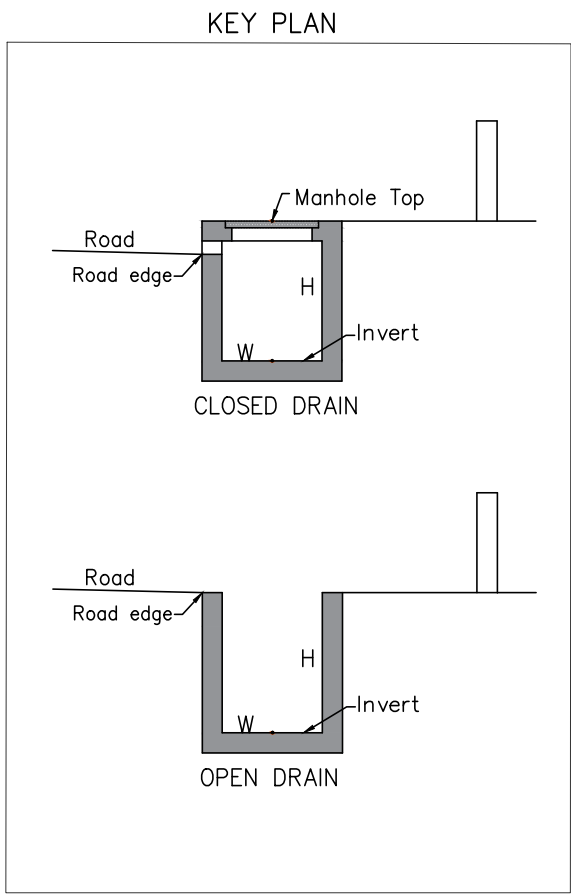
LIST OF POINTS						
Sl No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL		DRAIN DIMENSIONS	
			Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)
1	A1	C	5.288	4.759	5.287	0.840
2	A2	C	5.542	4.762	5.484	0.840
3	A3	C	5.239	4.259	5.299	0.880
4	A4	C	5.585	4.965	5.425	0.780
5	A5	C	5.597	4.597	5.579	0.780
6	A6	C	5.557	4.247	5.556	0.780
7	A7	C	5.273	4.553	5.338	0.780
8	A8	C	5.169	4.442	5.219	0.780
9	A9	C	5.070	4.487	5.079	0.720
10	A10	C	5.390	4.495	5.219	0.720
11	A11	C	5.345	4.552	5.187	0.720
12	A12	C	5.485	4.565	5.405	0.880
13	A13	C	5.725	5.105	5.697	0.720
14	A14	C	5.287	4.007	5.231	0.890
15	A15	C	5.560	5.080	5.548	0.780
16	A16	C	5.099	4.419	4.908	0.790
17	A17	C	4.623	3.893	5.123	0.790
18	B1	C	5.253	4.623	5.184	0.780
19	B2	C	5.126	4.279	5.136	0.780
20	B3	C	5.240	4.420	5.104	0.880
21	B4	C	5.271	3.551	5.228	0.840
22	B5	C	6.079	4.885	6.002	0.840
23	B6	C	5.910	4.770	5.749	0.780
24	B7	C	4.988	4.748	4.970	0.760
25	B8	C	4.975	4.195	5.012	0.730
26	B9	C	5.048	4.328	5.044	0.780
27	B10	C	5.274	4.334	5.303	0.860

LEGEND

Drain Outlet

Drain With Reverse Gradient

"-" : Manhole's Inside not Accessible



Roads: main; others; mud. Cart track.

Temple. Chhatra. Shrine. Mosque. Idgah. Tomb. Church.

Railways: broad gauge with station; bridge; metro.

Boundary: state; district; taluk.

Boundary: CMA; zone; ward.

Roads: without drain; with onside 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.

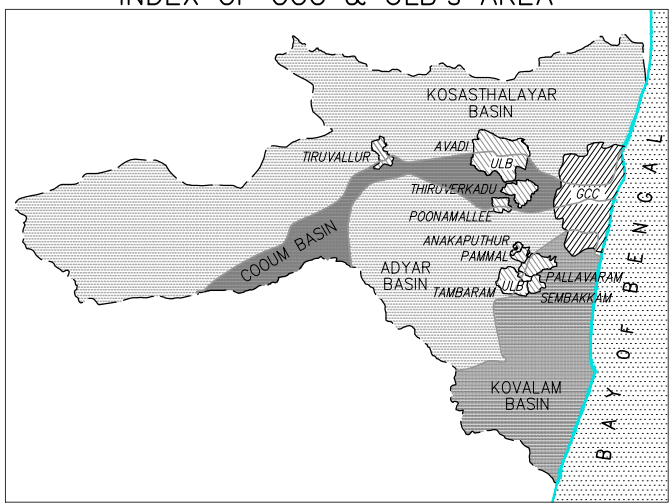
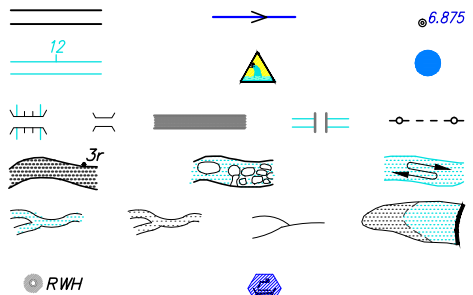
Canal. Outlet. Inundated area by previous flood.

Bridge with piers. Culvert. Flyover. Subway. Sewage line.

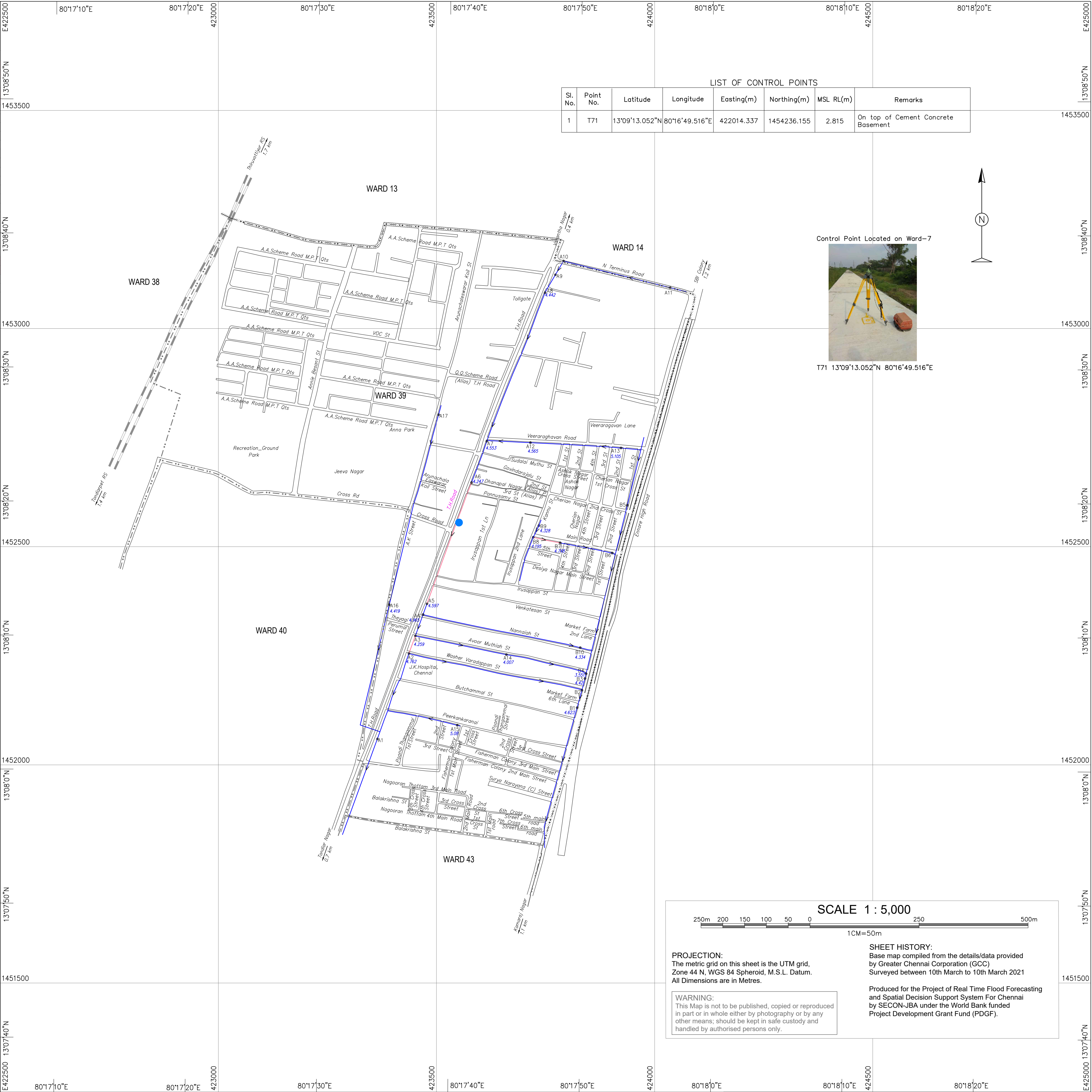
River: dry with water channel; with island & rocks. Tidal river.

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. 39, ZONE IV - TONDIARPET		
PROJECT CONSULTANTS	SECON - JBA Consulting (India) (U.K.) JV		
SHEET No. 106 OF 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD-106	REV. 0



Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	T71	13°09'13.052"N	80°16'49.516"E	422014.337	1454236.155	2.815	On top of Cement Concrete Basement



T71 13°09'13.052"N 80°16'49.516"E