



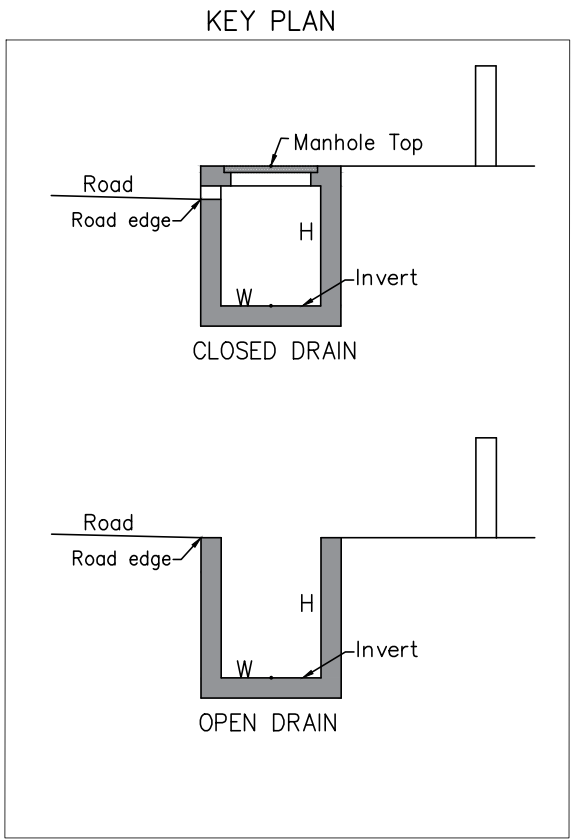
LIST OF POINTS							
SI No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL			DRAIN DIMENSIONS	
			Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)	Depth (m)
1	A1	C	4.140	2.539	4.118	0.901	1.350
2	A2	C	3.963	3.612	3.956	0.901	0.100
3	A3	C	3.945	3.244	3.842	0.901	0.450
4	A4	C	5.167	4.317	5.211	0.901	0.599
5	A5	C	5.414	4.213	5.374	0.901	0.950
6	A6	C	5.100	4.099	5.080	0.701	0.750
7	A7	C	5.123	4.203	5.071	0.701	0.720
8	A8	C	5.075	4.274	5.072	0.701	0.550
9	A9	C	3.854	3.153	3.836	0.901	0.500
10	A10	C	4.184	2.983	4.182	0.901	1.000
11	A11	C	4.548	3.447	4.497	0.900	0.901
12	A12	C	4.169	3.068	4.070	0.801	0.850
13	A13	C	4.053	3.152	4.064	0.800	0.701
14	A14	C	4.342	3.242	4.332	0.800	0.900
15	B1	C	4.615	3.014	4.396	0.801	1.250
16	B2	C	3.815	2.814	3.403	0.901	0.600
17	B3	C	3.577	2.076	3.424	0.901	1.150
18	B4	C	3.636	2.735	3.322	0.901	0.550
19	B5	C	3.906	3.298	3.857	0.701	0.357
20	B6	C	4.139	3.438	4.113	0.701	0.451

LEGEND

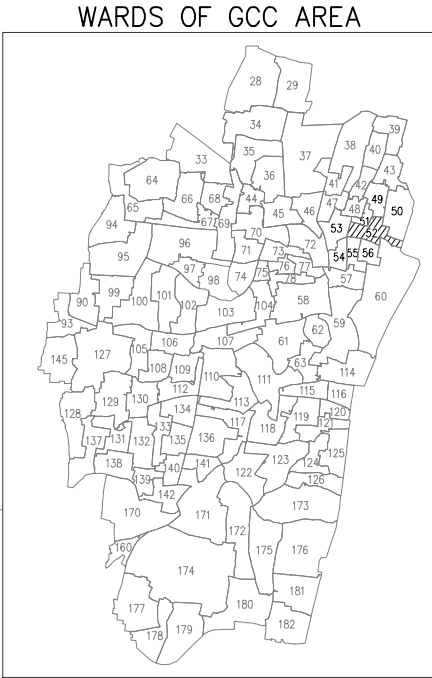
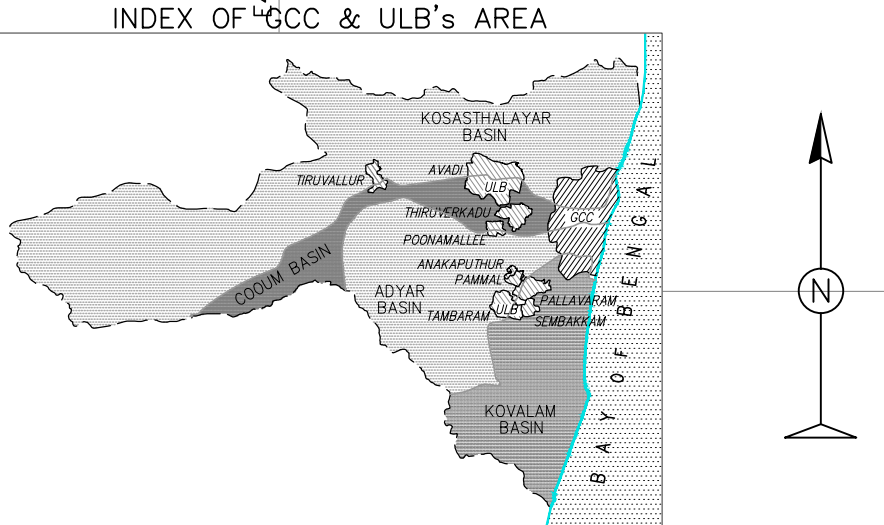
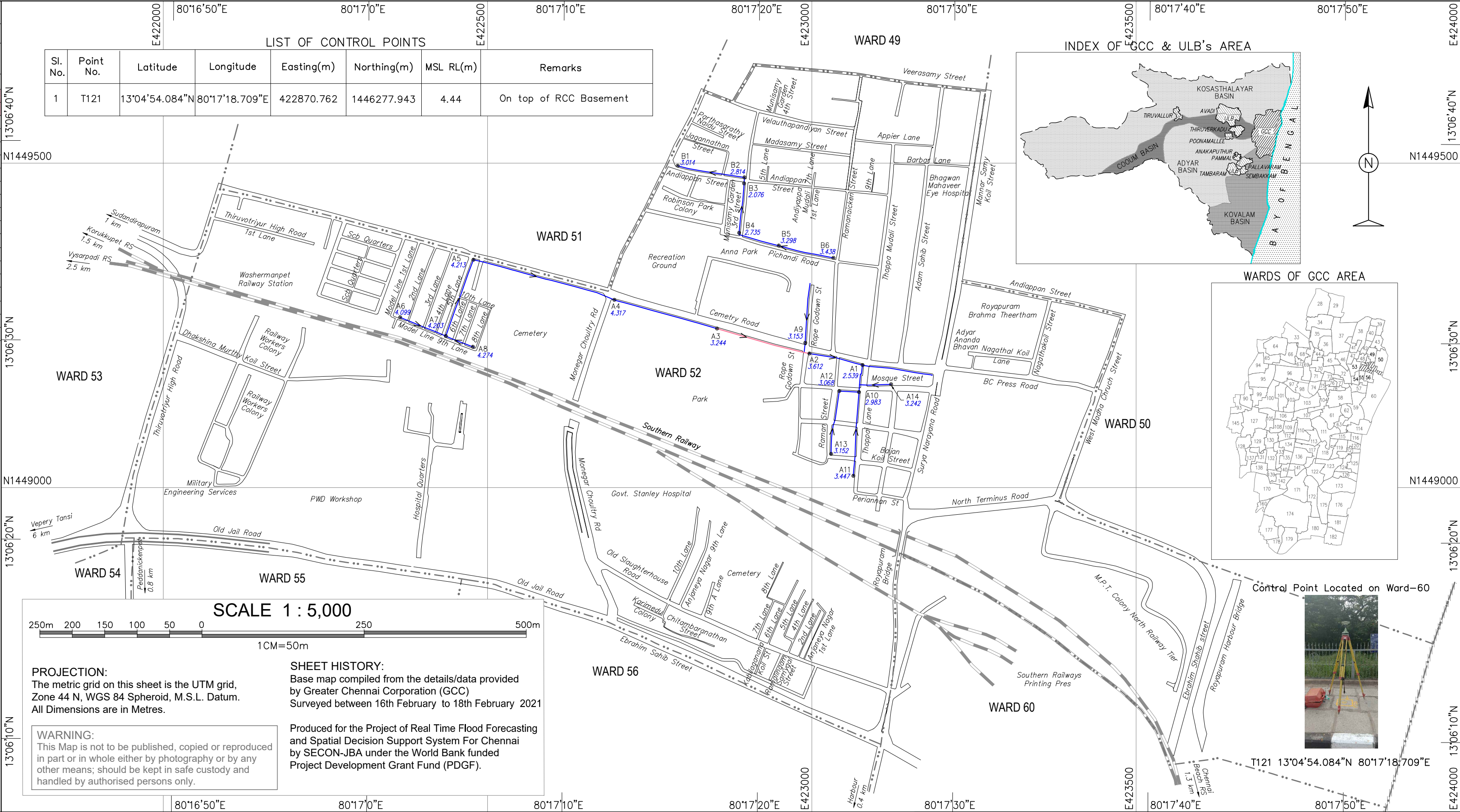
 Drain Outlet

 Drain With Reverse Gradient

"—" : Manhole's Inside not Accessible



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



Roads: main; others; mud. Cart track.

Temple. Chhatri. Shrine. Mosque. Idgah. Tomb. Church.

Railways: broad gauge with station; bridge; metro.

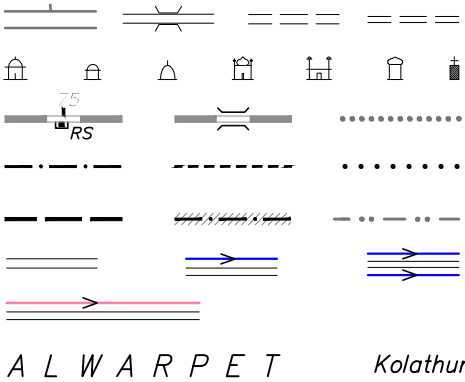
Boundary: state; district; taluk.

Boundary: CMA; zone; ward.

Roads: without drain; with onside drain; with both side drain.

Road with reverse gradient drain.

Spaced names: locality; village.



Drains: stormwater; feeder with flow direction. Invert level.

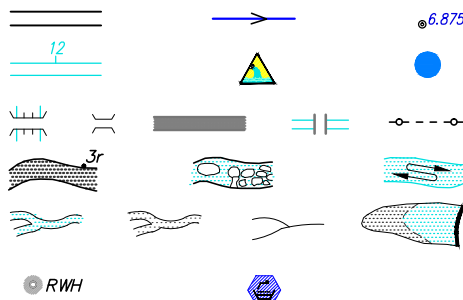
Canal. Outlet. Inundated area by previous flood.




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. 52, ZONE V - ROYAPURAM		
PROJECT CONSULTANTS	 SECON - JBA Consulting (India) (U.K.) JV		
SHEET No. 93 OF 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD-93	REV. 0