



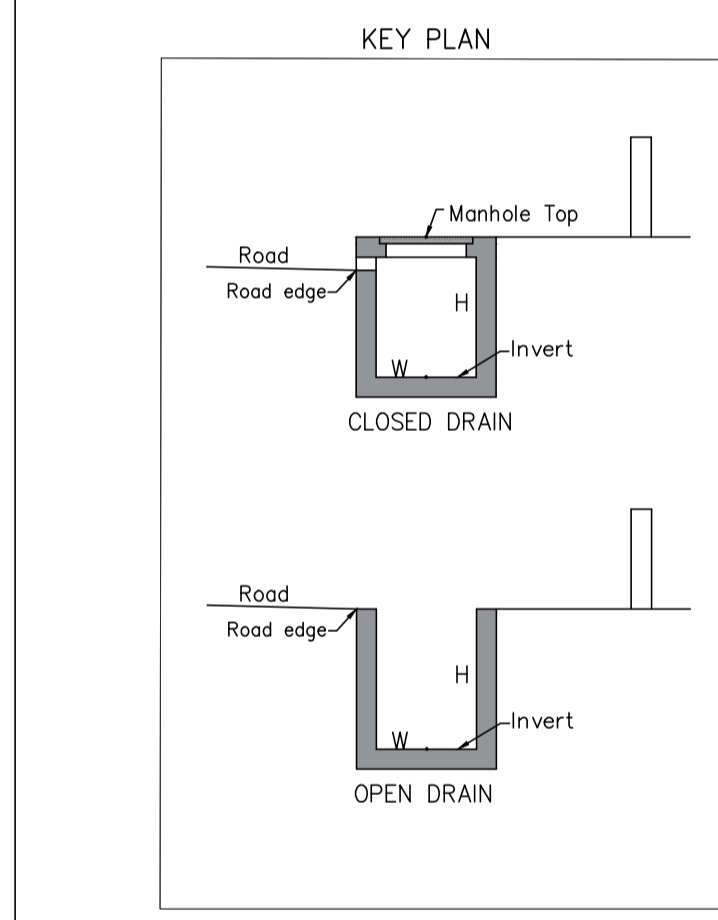
LIST OF POINTS							
Sl No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL			DRAIN DIMENSIONS	
			Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)	
1	A1	C	4.936	4.817	4.928	0.805	0.019
2	B1	C	5.092	4.661	5.203	0.601	0.173
3	B2	C	5.281	4.739	5.300	0.602	0.284
4	C1	C	5.964	5.364	6.006	0.608	0.400
5	C2	C	5.999	5.472	5.972	0.608	0.330
6	C3	C	5.621	4.546	5.615	0.650	0.720
7	D1	C	5.268	4.386	5.214	0.609	0.655
8	D2	C	4.811	4.013	4.754	0.601	0.593
9	D3	C	4.592	4.142	4.482	0.802	0.245
10	E1	C	4.910	3.965	4.857	0.807	0.717

LEGEND

 Drain Outlet

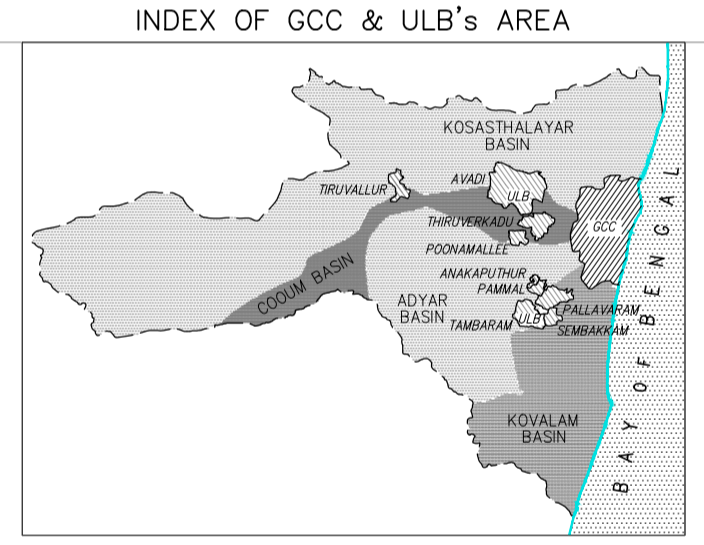
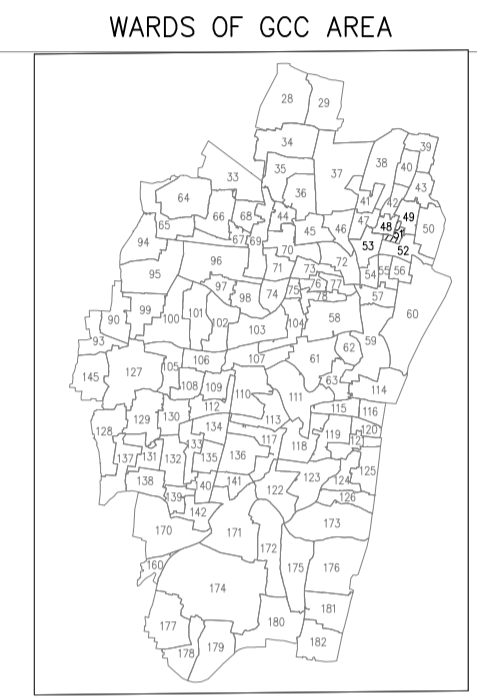
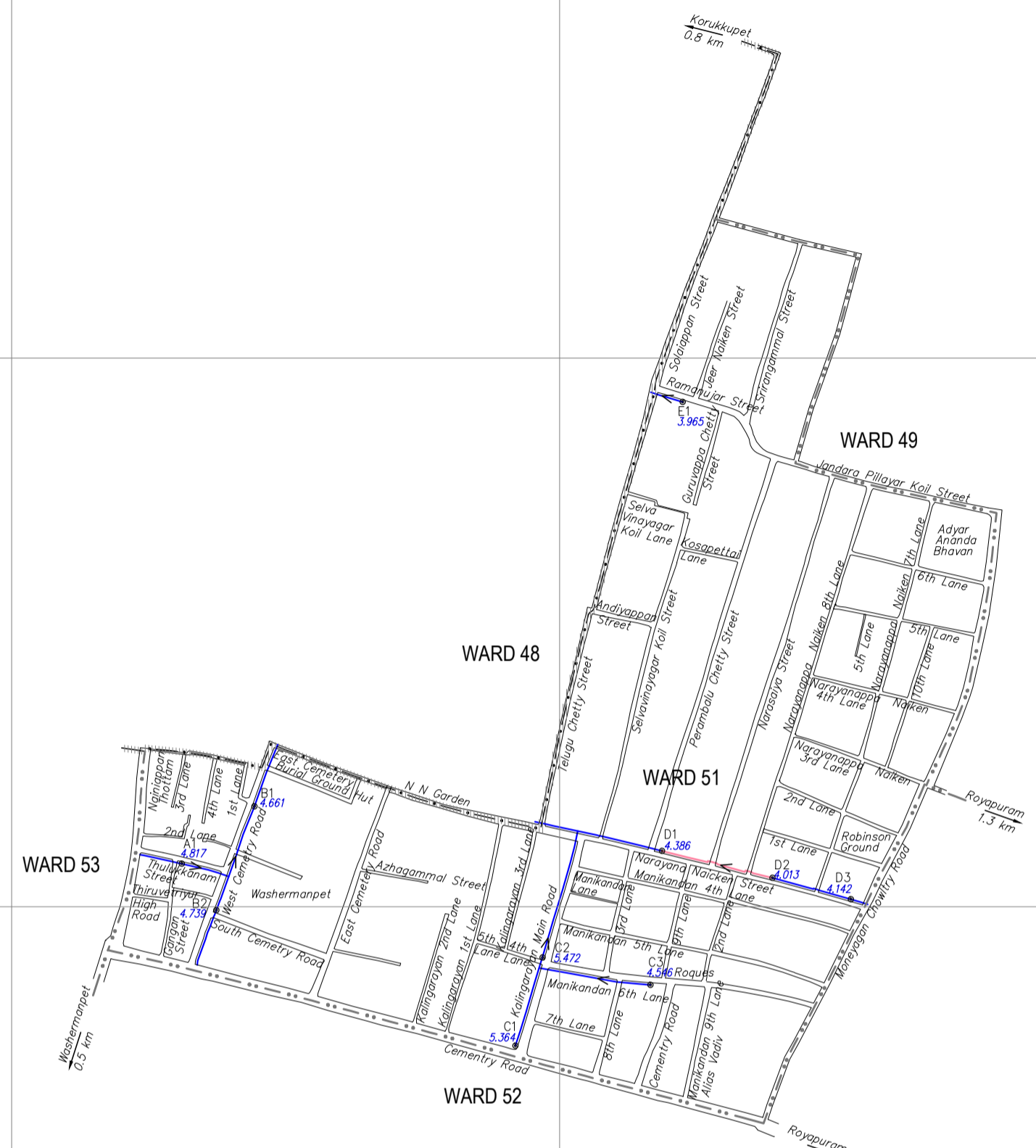
 Drain With Reverse Gradient

"-" : 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°17'18.708"E	422870.762	1446277.943	4.440	On top of RCC Basement



SCALE 1 : 5,000

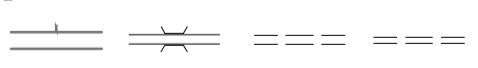


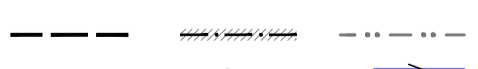
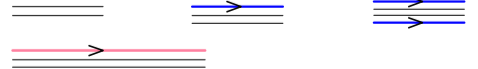


250m 200 150 100 50 0 250 500m
1CM=50m







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 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).

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.	<i>A L W A R P E T Kolathur</i>

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	 TNUFSL	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	
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