

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 (OL)	C	3.792	2.191	3.869	0.801	1.601
2	A2	C	3.005	—	2.707	—	—
3	A3	C	2.704	2.303	2.635	0.701	0.150
4	A4	C	3.000	2.599	2.926	0.701	0.250
5	A5	C	3.471	—	3.207	—	—
6	A6	C	2.930	2.429	2.777	0.801	0.350
7	A7	C	3.332	2.331	3.130	0.801	0.850
8	A8	C	3.077	2.427	3.089	0.601	0.399
9	A9	C	3.188	2.487	3.276	0.701	0.550
10	A10	C	3.382	3.131	3.323	1.301	0.100
11	A11	C	3.462	2.161	3.197	1.101	0.600
12	A12	C	3.124	2.423	3.046	1.001	0.550
13	A13	C	3.048	2.147	3.020	1.001	0.550
14	A14	C	3.101	2.100	3.081	1.001	0.649
15	A15	C	3.340	2.989	3.211	0.901	0.200
16	A16	C	3.082	2.372	3.068	0.601	0.309
17	A17	C	2.647	2.046	2.729	0.701	0.450
18	A18	C	3.009	2.558	3.092	0.701	0.300
19	A19	C	2.992	2.341	3.022	0.601	0.250
20	A20	C	2.981	2.080	3.152	0.601	0.550

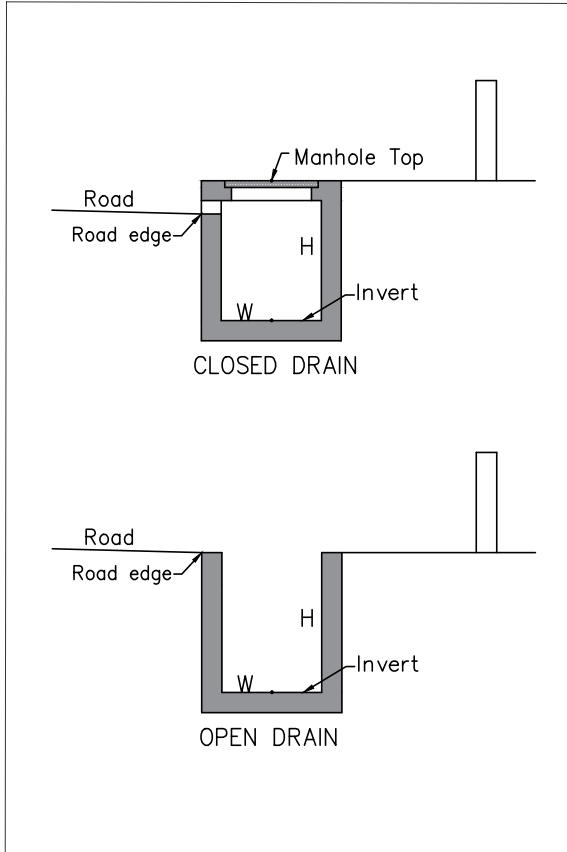
LEGEND

Drain Outlet

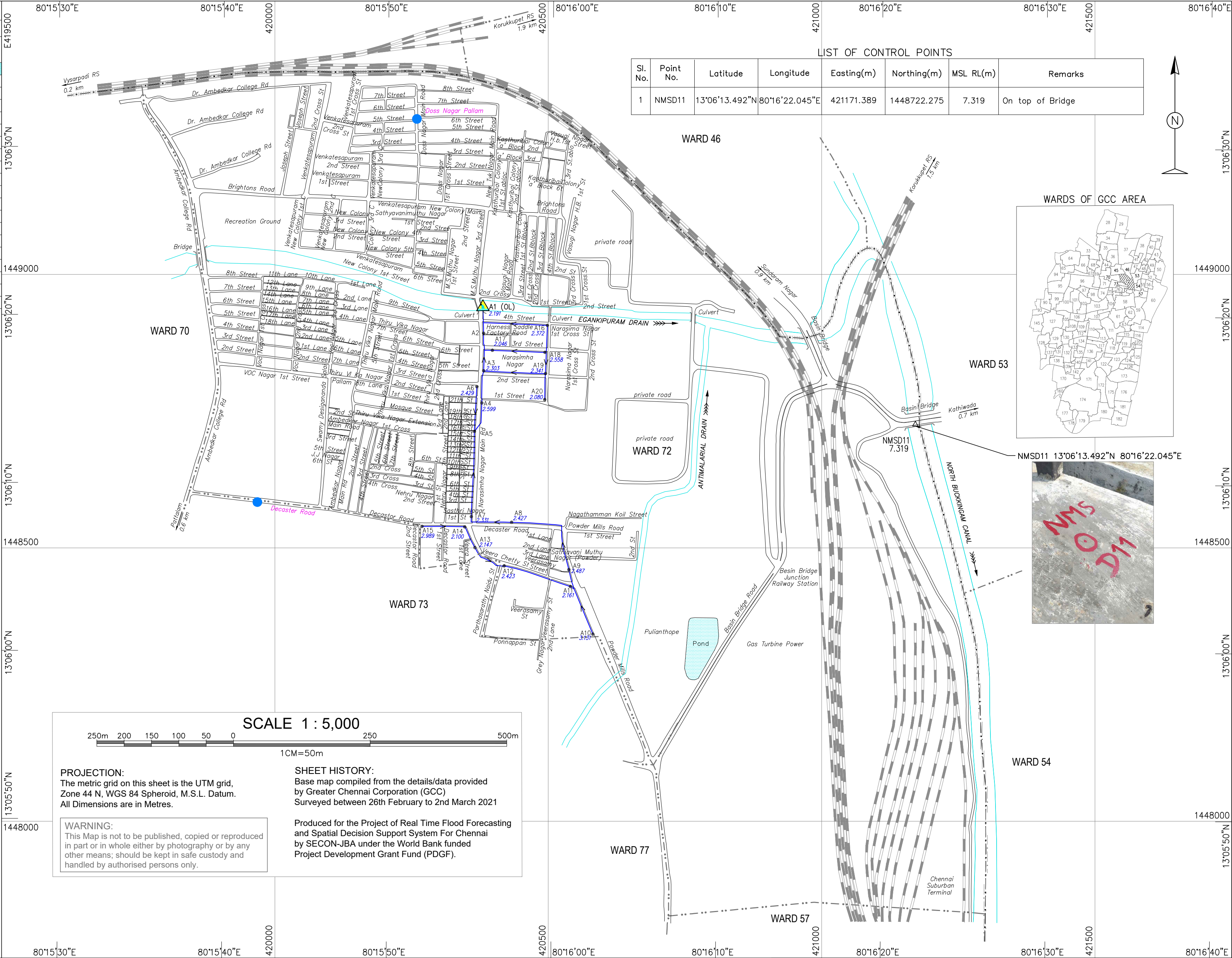
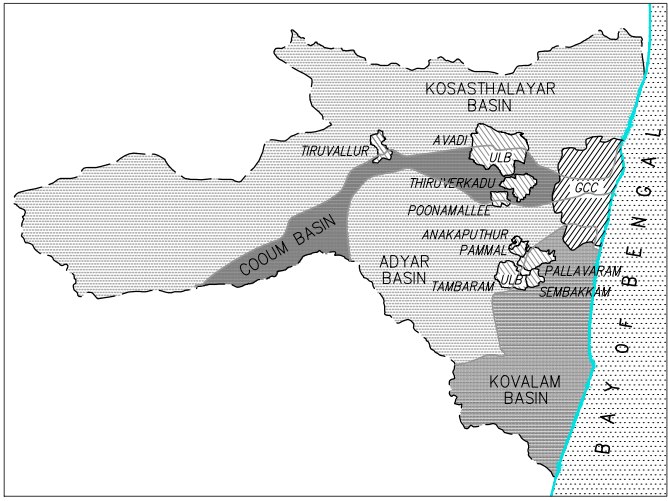
Drain With Reverse Gradient

"—" : Manhole's Inside not Accessible

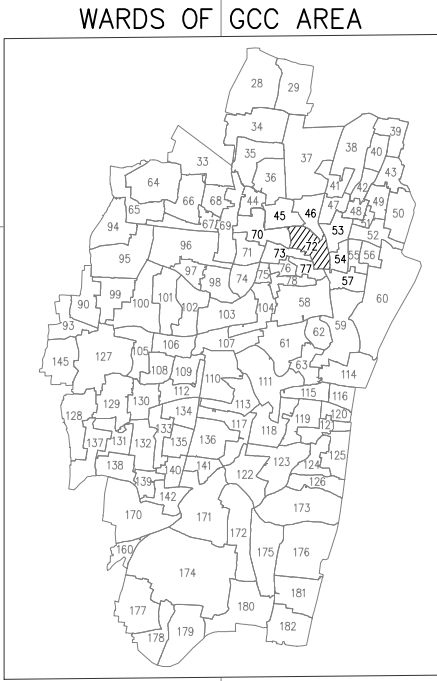
KEY PLAN



INDEX OF GCC & ULB's AREA



LIST OF CONTROL POINTS							
Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	NMSD11	13°06'13.492"N	80°16'22.045"E	421171.389	1448722.275	7.319	On top of Bridge



SCALE 1 : 5,000

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.

SHEET HISTORY:
Base map compiled from the details/data provided by Greater Chennai Corporation (GCC)
Surveyed between 26th February to 2nd March 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).

WARNING:
This Map is not to be published, copied or reproduced in part or in whole either by photography or by any other means; should be kept in safe custody and handled by authorised persons only.

Roads: main; others; mud. Cart track.

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

Railways: broad gauge with station; bridge; metro.

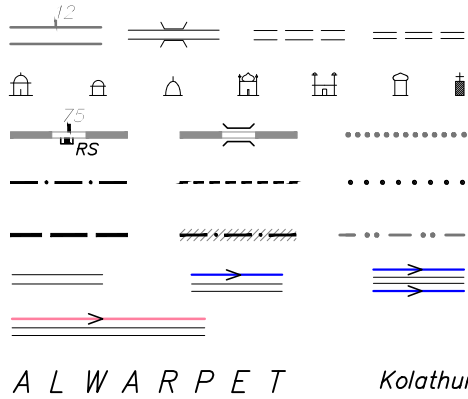
Boundary: state; district; taluk.

Boundary: CMA; zone; ward.

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

Road with reverse gradient drain.

Spaced names: locality; village.



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

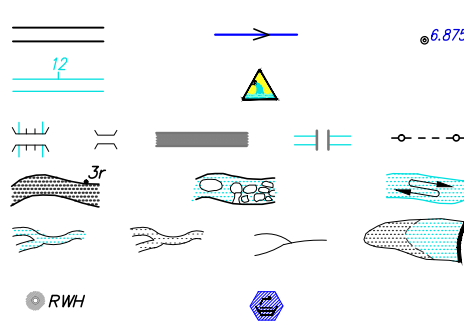
Canal. Outlet. Inundated area by previous flood.

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

TNUIFSL

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. 72, ZONE VI - THIRUVIKA NAGAR

PROJECT CONSULTANTS



SECON - JBA Consulting
(India) (U.K.) JV

SHEET No.

79 OF 114

SCALE

1:5000

DRAWING No.

CFM/SWD/WARD-79

REV.

0