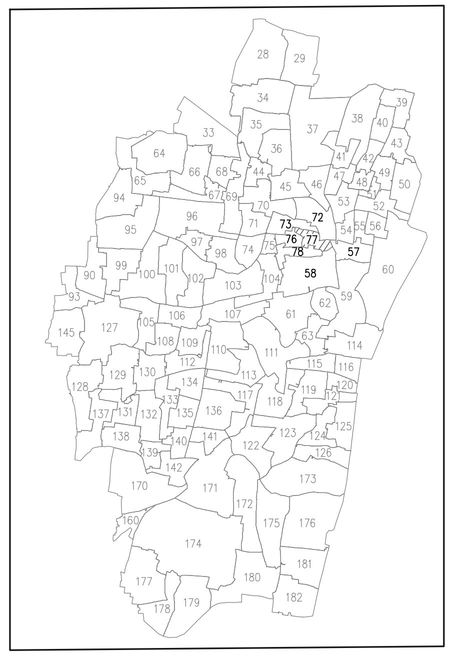
LIST OF POINTS

Sl No.	MANHOLE ID	DRAIN Closed(C) /Open(O)	MSL LEVEL Drain Top(m)	MSL LEVEL Invert (m)	MSL LEVEL Road Edge (m)	DRAIN DIMENSIONS Width (m)	DRAIN DIMENSIONS Depth (m)
1	A1	C	3.824	2.984	3.608	0.750	0.450
2	A2	C	3.773	2.833	3.440	0.670	0.640
3	A3	C	3.604	2.604	3.360	0.900	0.800
4	A4	C	3.653	2.803	3.571	1.200	0.620
5	A5	C	3.746	3.416	3.540	0.680	0.060
6	A6	C	3.554	2.604	3.569	0.840	0.580
7	A7	C	3.553	2.653	3.430	1.000	0.700
8	B1	C	3.545	2.695	3.640	1.100	0.650
9	B2	C	3.480	2.510	3.455	1.000	0.670
10	B3	C	3.665	2.715	3.644	1.200	0.720
11	B4	C	3.755	–	3.527	–	–
12	B5	C	3.619	–	3.643	–	–
13	B6	C	3.080	–	2.980	–	–
14	B6A	C	3.382	2.232	3.181	0.800	0.600
15	B7	C	3.543	2.843	3.604	0.800	0.500
16	B8	C	2.755	–	2.756	–	–
17	B9	C	2.841	1.541	2.821	1.100	1.000
18	B10	C	2.894	1.694	2.895	1.000	1.000
19	B11	C	2.972	2.271	2.767	0.681	0.701
20	B12	C	3.127	–	3.177	–	–
21	B13	C	3.496	–	3.289	–	–
22	B14	C	3.843	–	3.694	–	–
23	B15	C	2.846	2.046	2.790	0.950	0.530
24	B16	C	2.828	1.528	2.905	0.900	1.150
25	B17	C	3.184	1.984	2.902	0.800	0.950
26	B18	C	3.186	2.036	2.897	0.800	0.900
27	B19	C	3.027	2.037	2.862	1.200	0.790
28	B20	C	2.943	2.003	2.730	1.280	0.690
29	B21	C	2.971	1.671	2.790	0.950	1.130
30	B22	C	2.926	1.996	2.809	1.200	0.670
31	B23	C	3.010	2.209	2.967	0.601	0.500
32	B24	C	2.872	–	2.732	–	–
33	B25	C	3.791	2.640	3.659	1.001	0.850
34	B26	C	2.365	0.765	2.848	3.000	1.200
35	B27	C	2.308	1.068	2.211	1.200	0.840
36	B28	C	2.701	1.901	2.642	0.850	0.500
37	B29	C	2.653	2.117	2.391	0.800	0.231
38	B30	C	2.823	1.872	2.700	1.200	0.451
39	B31	C	2.637	1.687	2.610	0.800	0.750
40	B32	C	3.021	–	3.026	–	–
41	B33	C	3.366	–	3.332	–	–
42	C1	C	2.937	1.757	2.742	0.900	0.930
43	C2	C	3.132	1.832	2.876	1.000	0.900
44	C3	C	3.220	1.870	2.946	0.970	0.950
45	C4	C	3.037	1.987	2.830	1.100	0.900
46	C5	C	3.104	2.104	2.785	1.100	0.700
47	C6	C	2.820	2.019	2.811	0.681	0.500

LEGEND

🟦	Drain Outlet
🟥	Drain With Reverse Gradient
"–"	Manhole's Inside not Accessible

WARDS OF GCC AREA



28
29
58
72
76
77
78

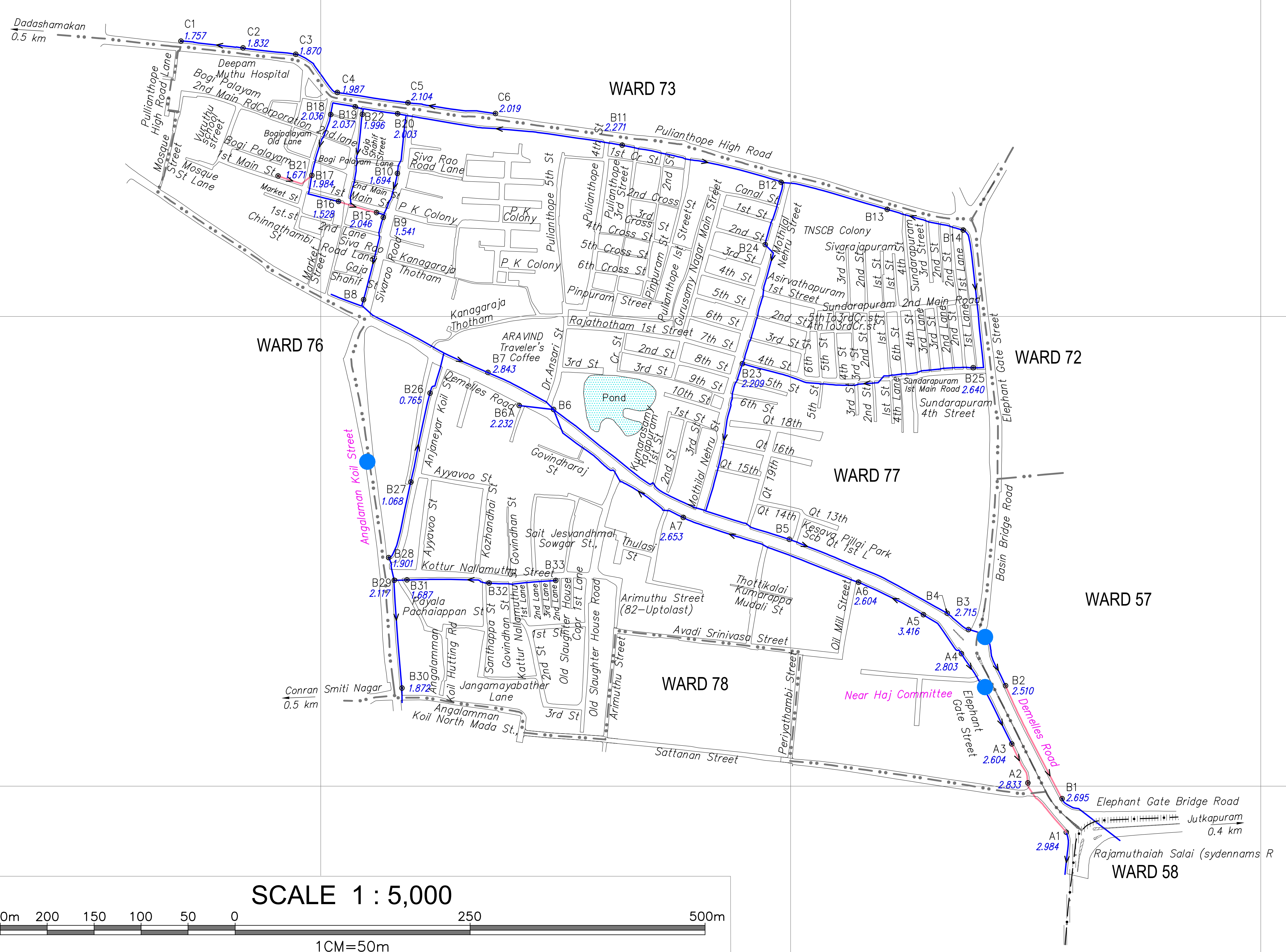
Control Point Located on Ward–98

UTM: 44P
417547mE 1446705mN
t113
Powered by NoteCam

T113 13°05'07.512"N 80°14'21.905"E

LIST OF CONTROL POINTS

Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	T113	13°05'07.512"N	80°14'21.905"E	417547.592	1446705.945	5.21	On top of Cement Concrete Basement



80°15'30"E
80°15'40"E
80°15'50"E
80°16'0"E
80°16'10"E
80°16'20"E
80°16'30"E
80°16'40"E
E420000
E420500
E421000
E421500
N1448500
N1448000
N1447500
13°06'10"N
13°06'0"N
13°05'50"N
13°05'40"N
13°05'30"N
13°05'20"N
N
Dadashamakan
0.5 km
C1
1.757
C2
1.832
C3
1.870
C4
1.987
C5
2.104
C6
2.019
WARD 73
WARD 76
WARD 72
WARD 77
WARD 57
WARD 78
WARD 58
B11
2.271
B18
2.036
B19
2.037
B22
1.996
B20
2.003
B21
1.671
B17
1.984
B10
1.694
B16
1.528
B15
2.046
B9
1.541
B8
B12
B13
B14
B23
2.209
B24
B25
2.640
B7
2.843
B26
0.765
B6A
2.232
B6
B27
1.068
B28
1.901
B29
2.117
B30
1.872
B31
1.687
B32
B33
B5
B4
B3
2.715
B2
2.510
B1
2.695
A7
2.653
A6
2.604
A5
3.416
A4
2.803
A3
2.604
A2
2.833
A1
2.984
Pulianthope High Road
Pulianthope High Road Lane
Deepam Muthu Hospital
Bogi Palayam 2nd Main Rd
Corporation 2nd.lane
Bogipalayam Old Lane
Vuruthu school street
Mosque Street
Mosque St Lane
Bogi Palayam 1st Main St
Market St
Market Street
1st.st Chinnathambi St
Bogi Palayam Lane
Gaja Shahif Street
Gaja Shahif St
2nd Main St
1st Main St
2nd Lane
Siva Rao Road Lane
Siva Rao Road Lane
Sivarao Road
P K Colony
Kanagaraja Thotham
Pulianthope 5th St
Pulianthope 4th St
Pulianthope 3rd Street
1st Cr St
2nd Cross St
3rd Cross St
4th Cross St
5th Cross St
6th Cross St
Pinpuram Street
Rajathotham 1st Street
Gurusamy Nagar Main Street
Canal St
Nehru Street
TNSCB Colony
Sivarajapuram
Asirvathapuram 1st Street
Sundarapuram 2nd Main Road
Sundarapuram 1st Main Road
Sundarapuram 4th Street
Elephant Gate Street
Basin Bridge Road
ARAVIND Traveler's Coffee
Dr.Ansari St
Demelles Road
Pond
Govindharaj St
Kumarasamy Rajapuram 1st St
Mothilal Nehru St
Anjaneyar Koil St
Angalaman Koil Street
Ayyavoo St
Kozhandhai St
Govindhan St
Sait Jesvandhmal Sowgar St.,
Thulasi St
Kottur Nallamuthu Street
Payala Pachaiappan St
Santhappa St
Koil Hutting Rd
Old Slaughter House Road
Arimuthu Street
Arimuthu Street (82–Uptolast)
Copr 1st Lane
Jangamayabather Lane
Angalamman Koil North Mada St.
Conran Smiti Nagar
0.5 km
Avadi Srinivasa Street
Thottikalai Kumarappa Mudali St
Oil Mill Street
Kesava Pillai Park
Scb Qt 1st L
Qt 13th
Qt 14th
Qt 15th
Qt 16th
Qt 18th
Qt 19th
Periyathambi Street
Sattanan Street
Near Haj Committee
Elephant Gate Street
Demelles Road
Elephant Gate Bridge Road
Jutkapuram
0.4 km
Rajamuthaiah Salai (sydennams R

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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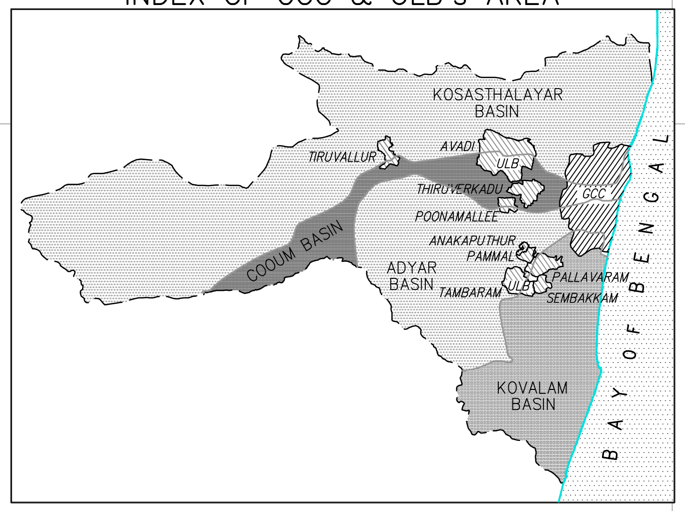
SHEET HISTORY:
Base map compiled from the details/data provided by Greater Chennai Corporation (GCC)
Surveyed between 13th February to 18th February 2021

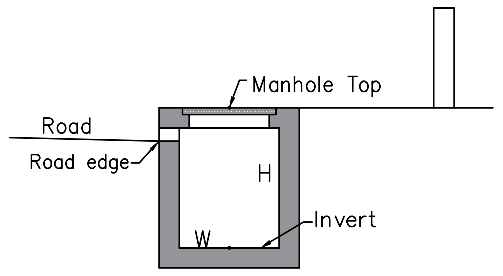
Produced for the Project of Real Time Flood Forecasting and Spatial Decision Support System For Chennai by SECON-JBA under the World Bank funded Project Development Grant Fund (PDGF).

INDEX OF GCC & ULB's AREA



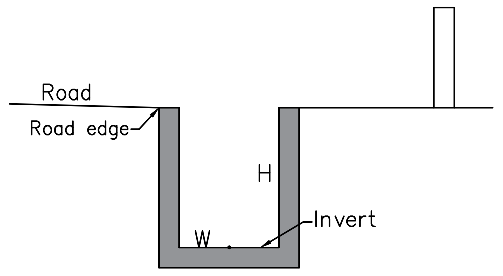
KOSASTHALAYAR BASIN
TIRUVALLUR
AVADI
ULB
THIRUVERKADU
GCC
POONAMALLEE
ANAKAPUTHUR
PAMMAL
COOUM BASIN
ADYAR BASIN
TAMBARAM
PALLAVARAM
SEMBAKKAM
KOVALAM BASIN
BAY OF BENGAL

KEY PLAN



Manhole Top
Road
Road edge
H
W
Invert

CLOSED DRAIN



Road
Road edge
H
W
Invert

OPEN DRAIN

Roads: main; others; mud. Cart track.
Temple. Chhatri. Shrine. Mosque. Idgah. Tomb. Church.
Railways: broad gauge with station; bridge; metro. RS
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. ALWARPET Kolathur

Drains: stormwater; feeder with flow direction. Invert level. 6.875
Canal. Outlet.Inundated area by privious flood,. 12
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. RWH

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. 77, ZONE VI - THIRUVIKA NAGAR
PROJECT CONSULTANTS	SECON (India) - JBA Consulting (U.K.) JV

SHEET No.	SCALE	DRAWING No.	REV.
74 OF 114	1:5000	CFM/SWD/WARD–74	0