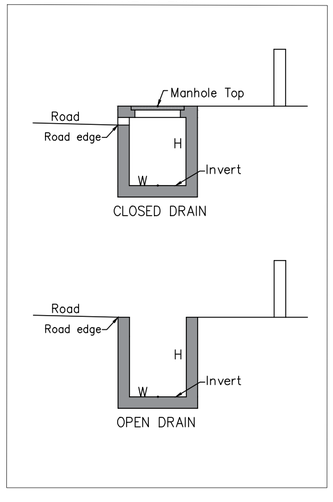
LIST OF POINTS

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	3.537	1.836	2.980	1.501	1.300
2	A2	C	3.338	1.888	2.976	1.401	1.100
3	B1 (OL)	C	3.397	3.096	2.945	1.501	0.100
4	B2	C	2.881	1.780	2.691	0.901	0.850
5	B3	C	2.931	2.030	2.937	0.901	0.500
6	B4	C	3.256	2.555	3.262	0.901	0.300
7	B5	C	3.174	2.373	3.252	1.001	0.700
8	B6	C	3.335	2.434	3.162	1.001	0.800
9	B7	C	3.003	2.352	3.006	0.901	0.400
10	B8	C	3.034	2.283	3.055	0.901	0.500
11	B9	C	3.252	2.901	3.194	0.901	0.200
12	B10	C	3.952	2.551	3.915	1.001	1.150
13	B11	C	3.316	2.215	3.263	1.201	0.800
14	B12	C	3.131	1.881	3.079	1.201	0.949
15	B13	C	3.145	2.344	3.101	1.201	0.500
16	C1	C	3.255	2.052	3.251	1.001	0.922
17	C2	C	3.458	2.257	3.481	1.001	0.950
18	C3	C	3.572	2.571	3.564	1.001	0.796
19	C4	C	3.811	2.830	3.764	1.001	0.730
20	D1 (OL)	C	2.961	1.329	2.947	0.801	1.247
21	D2	C	3.229	2.837	3.098	3.002	0.007
22	D3	C	2.904	1.897	2.757	0.850	0.752
23	D4	C	2.726	1.624	2.727	1.080	0.797
24	D5	C	2.771	1.482	2.663	1.061	0.939
25	D6	C	2.748	2.436	2.912	0.802	0.123
26	D7	C	3.375	3.074	3.256	0.802	0.121
27	E1 (OL)	C	3.448	3.164	3.429	0.608	0.109
28	E2	C	3.407	3.083	3.433	0.601	0.219
29	E3	C	3.344	2.725	3.361	0.605	0.416
30	E4	C	3.301	2.377	3.200	0.905	0.672
31	E5	C	3.210	2.602	3.092	0.901	0.351

LEGEND

- Drain Outlet
- Drain With Reverse Gradient
- "–" : Manhole's Inside not Accessible

KEY PLAN



NMSD10 13°06'45.850"N 80°16'13.890"E

LIST OF CONTROL POINTS

Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	NMSD10	13°06'45.850"N	80°16'13.890"E	420928.667	1449717.062	5.602	On top of bridge

WARDS OF GCC AREA

INDEX OF GCC & ULB's AREA

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 5th March to 5th 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).

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 oneside 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 privious 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. 47, ZONE IV - TONDIARPET		
PROJECT CONSULTANTS	SECON - JBA Consulting (India) (U.K.) JV		
SHEET No. 98 OF 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD– 98	REV. 0