



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	4.093	3.092	4.045	1.001	0.850
2	A2	C	3.982	3.181	4.059	1.001	0.650
3	A3	C	4.140	3.490	4.153	0.901	0.499
4	A4	C	4.342	3.191	4.183	1.001	0.850
5	A5	C	4.781	3.680	4.665	0.901	0.700
6	A6	C	5.082	3.781	5.000	0.901	0.900
7	A7	C	4.917	3.866	4.771	0.901	0.850
8	A8	C	4.322	3.321	4.254	0.901	0.800
9	A9	C	4.585	3.665	4.550	1.001	0.769
10	A10	C	4.268	3.467	4.275	0.901	0.650
11	A11	C	4.588	3.587	4.482	0.901	0.800
12	A12	C	5.021	4.020	4.898	0.701	0.700
13	A13	C	4.146	3.345	4.056	1.001	0.650
14	A14	C	4.584	3.483	4.345	1.001	0.950
15	B1 (OL)	O	3.616	2.215	3.379	1.501	1.401
16	B2	O	3.807	2.606	3.780	1.501	1.201
17	B3	C	3.977	2.876	3.974	1.001	0.900
18	B4	C	4.248	3.247	4.201	1.001	0.800
19	B5	C	4.212	3.111	4.006	1.001	0.700
20	B6	C	4.485	3.484	4.247	1.001	0.600
21	B7	C	4.087	3.337	4.103	0.901	0.549
22	B8	C	4.240	3.439	4.173	0.901	0.600
23	C1 (OL)	C	5.710	3.109	5.572	0.901	2.400
24	C2	C	4.233	3.232	4.324	1.001	0.850
25	C3	C	4.325	3.724	4.297	1.001	0.450
26	D1 (OL)	C	5.468	2.599	5.325	0.901	2.668
27	D2	C	3.883	2.680	3.783	1.501	1.018
28	D3	C	4.276	3.263	4.058	1.201	0.810
29	E1 (OL)	C	5.695	3.894	5.673	2.001	1.500
30	E2	C	4.309	2.874	3.953	1.505	1.225
31	F1	C	4.208	3.458	3.908	2.301	0.549
32	F2	C	4.448	3.247	4.123	2.301	1.000
33	F3	C	5.017	3.616	4.739	2.301	1.200
34	F4	C	4.782	3.332	4.522	1.001	0.800
35	F5	C	4.461	3.660	4.219	1.001	0.151
36	F6	C	4.590	3.589	4.438	1.001	0.700
37	F7	C	4.819	3.866	4.637	1.001	0.703
38	F8	C	4.683	4.133	4.373	0.901	0.349
39	F9	C	4.533	3.932	4.394	0.901	0.400
40	F10	C	4.723	4.122	4.589	0.801	0.400
41	F11	C	4.801	4.600	4.720	0.801	0.051
42	F12	C	5.015	4.114	4.977	0.801	0.750
43	F13	C	5.120	4.519	5.096	0.901	0.450
44	F14	C	5.587	5.186	5.513	0.901	0.200
45	F15	C	4.956	4.606	4.919	0.701	0.199
46	F16	C	4.851	4.650	4.723	0.901	0.051
47	F17	C	4.400	3.649	4.116	0.601	0.600
48	F18	C	4.532	3.931	4.394	0.601	0.450
49	F19	C	4.824	3.523	4.741	0.801	1.150
50	F20	C	4.481	3.680	4.385	0.801	0.650
51	F21	C	4.410	3.836	4.320	0.800	0.651
52	F22	C	4.443	3.953	4.407	0.758	0.340
53	F23	C	4.209	3.658	4.215	0.901	0.350
54	F24	C	4.463	3.862	4.505	0.901	0.451
55	F25	C	4.556	3.655	4.374	0.801	0.750
56	F26	C	4.604	3.703	4.569	0.901	0.750
57	F27	C	6.625	5.425	6.373	0.901	1.049
58	F28	C	6.749	5.842	6.670	0.901	0.756
59	F29	C	6.256	6.055	6.133	0.901	0.050
60	F30	C	6.434	5.933	6.356	0.901	0.350
61	F31	C	6.377	5.926	6.322	0.901	0.300
62	F32	C	6.812	6.361	6.713	0.901	0.300
63	F33	C	4.987	3.786	4.976	0.901	1.050
64	F34	C	5.151	4.390	5.125	0.901	0.611
65	F35	C	5.334	4.333	5.316	0.901	0.750
66	F36	C	6.369	5.868	6.334	0.901	0.250
67	F37	C	6.542	6.041	6.501	0.901	0.350
68	F38	C	5.877	5.176	5.774	0.901	0.550
69	F39	C	5.874	5.373	5.790	0.601	0.350
70	F40	C	5.895	5.194	5.804	0.601	0.550
71	F41	C	5.894	5.193	5.809	0.601	0.550
72	F42	C	5.164	4.763	5.251	0.901	0.100
73	F43	C	5.358	4.907	5.342	0.901	0.241
74	F44	C	5.547	5.346	5.359	0.601	0.050
75	F45	C	4.582	3.781	4.646	0.801	0.650
76	F46	C	5.102	4.496	5.017	0.801	0.455
77	F47	C	4.769	3.919	4.569	0.801	0.699

LEGEND

 Drain Outlet

 Drain With Reverse Gradient

"—" : Manhole's Inside not Accessible

Roads: main; others; mud. Cart track.

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

Railways: broad gauge with station; bridge; metro.

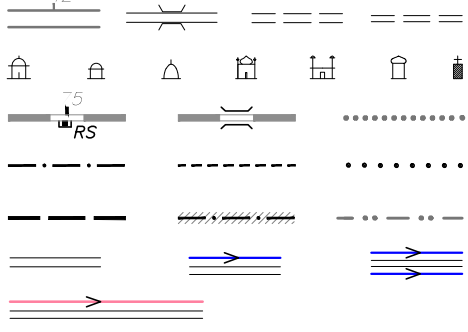
Boundary: state; district; taluk.

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.

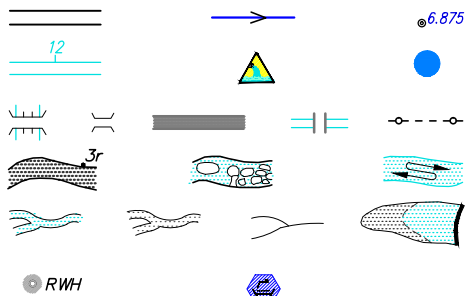
Canal. Outlet. Inundated area by previous flood.

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.



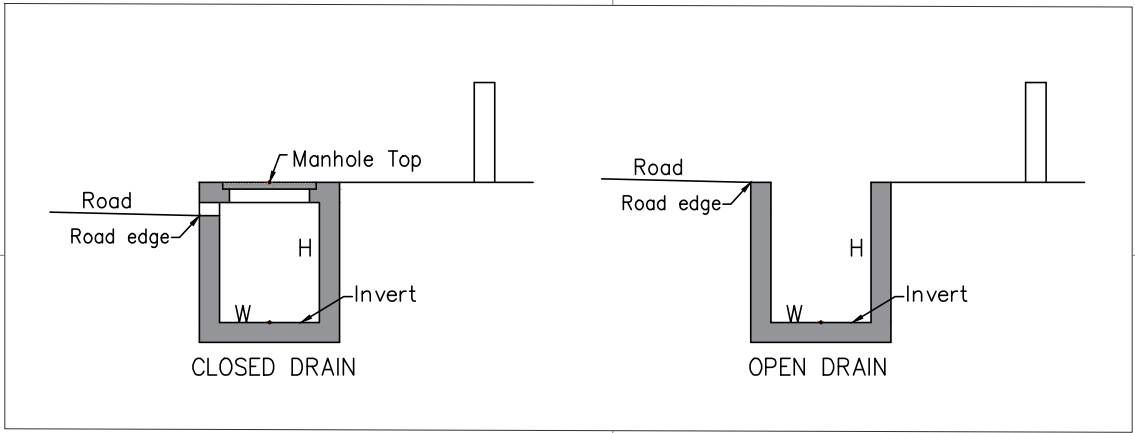
● 6.875

● RWH

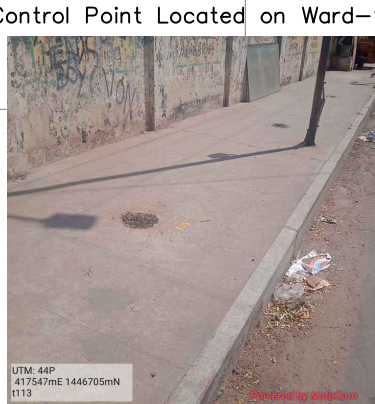
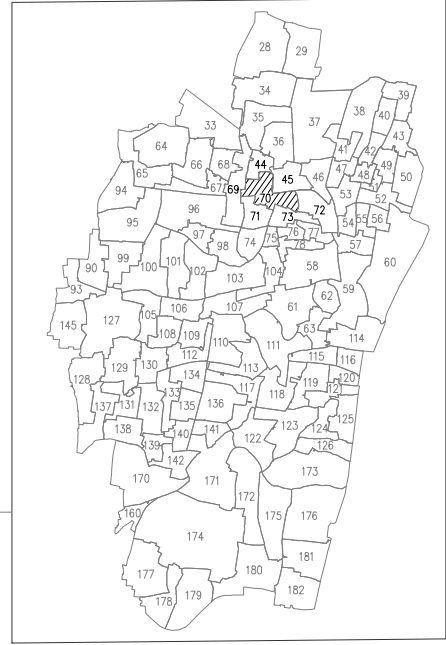
LIST OF CONTROL POINTS

SI. 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

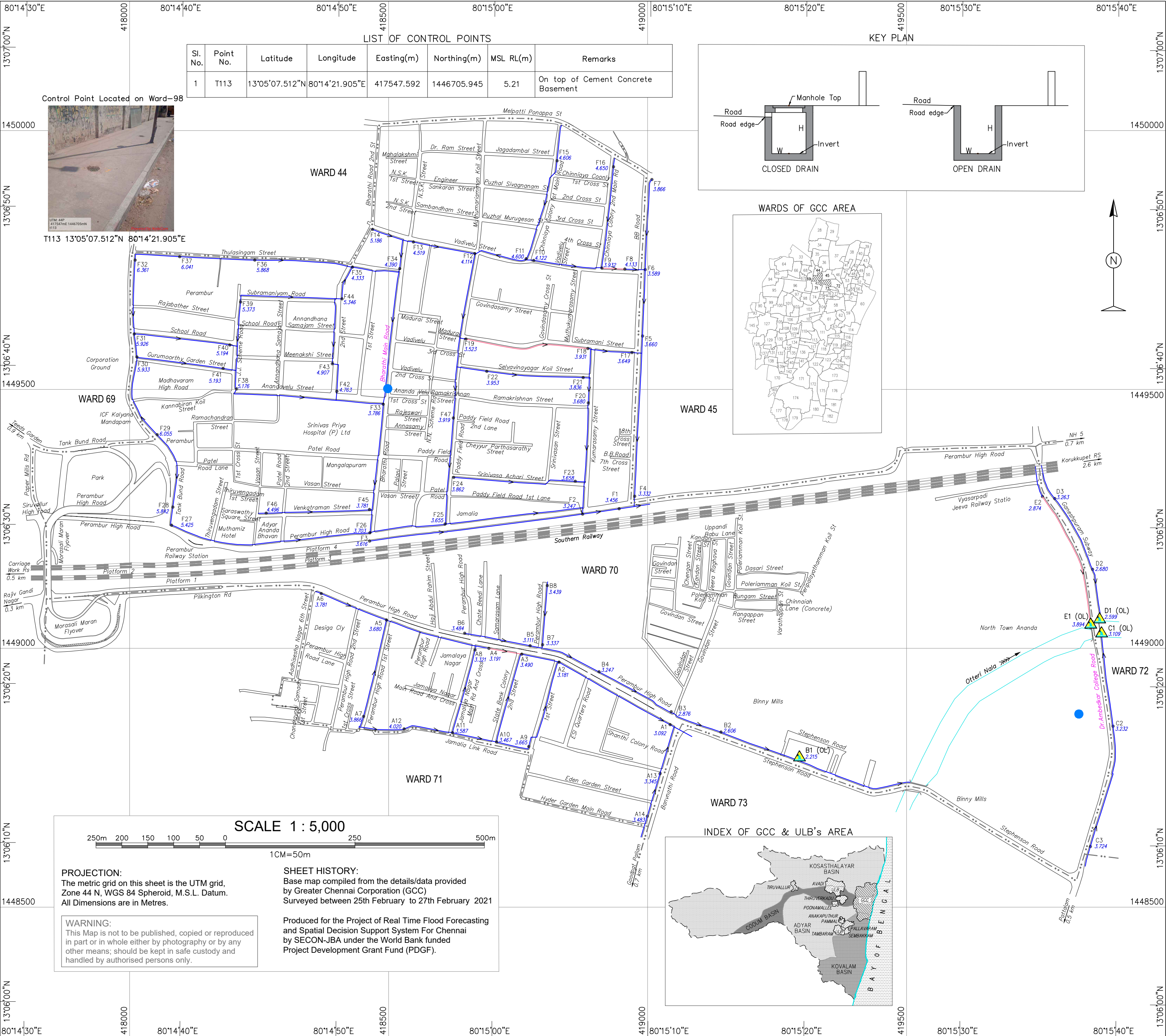
KEY PLAN







WARDS OF GCC AREA



T113 13°05'07.512"N 80°14'21.905"E



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. 70, ZONE VI - THIRUVIKA NAGAR		
PROJECT CONSULTANTS	 SECON - JBA Consulting (India) (U.K.) JV		
SHEET No. 81 OF 114	SCALE 1:5000	DRAWING No. CFM/SWD/WARD-81	REV. 0