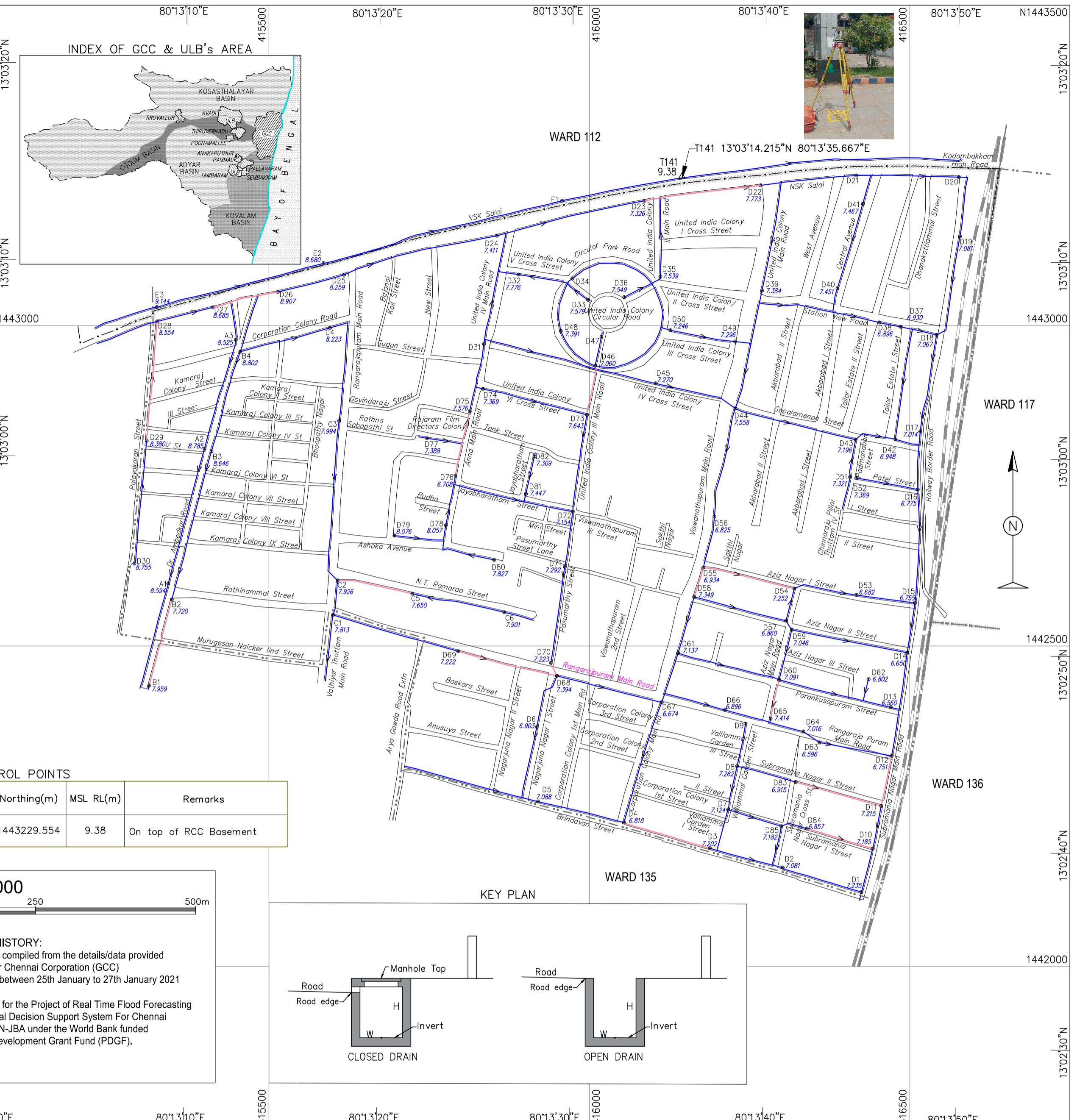


LIST OF POINTS							LIST OF POINTS								
SI No.	MANHOLE ID	DRAIN Closed(C)/Open(O)	MSL LEVEL			DRAIN DIMENSIONS		SI No.	MANHOLE ID	DRAIN Closed(C)/Open(O)	MSL LEVEL			DRAIN DIMENSIONS	
			Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)	Depth (m)				Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)	Depth (m)
1	A1	C	9.015	8.594	8.993	0.955	0.421	80	D67	C	7.955	6.674	8.014	1.115	0.880
2	A2	C	9.516	8.785	9.711	0.551	0.024	81	D68	C	8.206	7.394	8.160	1.090	0.547
3	A3	C	9.506	8.525	9.373	0.581	0.171	82	D69	C	8.275	7.222	8.167	0.985	0.894
4	B1	C	9.109	7.959	8.950	1.081	0.827	83	D70	C	8.118	7.223	8.043	0.638	0.500
5	B2	C	9.041	7.720	8.846	1.101	1.001	84	D71	C	8.097	7.292	8.061	0.651	0.580
6	B3	C	9.597	8.646	9.490	1.102	0.793	85	D72	C	8.064	7.154	8.137	0.681	0.751
7	B4	C	9.857	8.802	9.523	1.108	0.820	86	D73	C	8.364	7.643	8.257	0.605	0.410
8	C1	C	8.893	7.813	8.762	1.005	0.932	87	D74	C	8.419	7.369	8.263	0.613	0.350
9	C2	C	8.771	7.926	8.712	0.956	0.594	88	D75	C	8.257	7.576	8.052	0.901	0.180
10	C3	C	8.817	7.994	8.850	1.009	0.667	89	D76	C	8.103	6.708	8.151	1.312	1.053
11	C4	C	9.328	8.223	9.266	1.106	0.916	90	D77	C	8.309	7.388	8.286	0.681	0.120
12	C5	C	8.631	7.650	8.495	0.653	0.771	91	D78	C	8.559	8.057	8.269	0.651	0.357
13	C6	C	8.526	7.901	8.702	0.696	0.374	92	D79	C	8.727	8.076	8.313	0.701	0.350
14	D1	C	8.147	7.235	8.138	0.901	0.711	93	D80	C	8.688	7.827	8.382	0.692	0.638
15	D2	C	8.112	7.081	8.011	1.005	0.428	94	D81	C	8.208	7.447	8.150	0.605	0.598
16	D3	C	8.163	7.202	7.923	1.120	0.553	95	D82	C	8.294	7.309	8.311	0.608	0.669
17	D4	C	8.121	6.818	7.993	1.105	0.902	96	D83	C	8.016	6.915	7.688	0.754	0.693
18	D5	C	8.214	7.088	8.193	1.301	0.576	97	D84	C	8.027	6.857	7.625	0.675	0.414
19	D6	C	8.269	6.903	8.294	0.951	0.971	98	D85	C	7.887	7.182	7.727	0.687	0.473
20	D7	C	7.985	7.124	9.983	0.603	0.610	99	E1	C	8.796	-	8.669	-	-
21	D8	C	8.174	7.262	8.031	0.607	0.754	100	E2	C	9.510	8.680	9.514	1.015	0.335
22	D9	C	8.300	-	7.971	-	-	101	E3	C	10.005	9.144	9.760	1.110	0.456
23	D10	C	8.106	7.185	8.055	0.850	0.650								
24	D11	C	8.118	7.215	8.206	0.605	0.478								
25	D12	C	8.307	6.751	8.303	1.101	0.874								
26	D13	C	7.912	6.560	7.715	1.115	0.960								
27	D14	C	7.932	6.650	7.931	1.110	0.872								
28	D15	C	8.065	6.755	7.964	1.110	0.554								
29	D16	C	8.058	6.775	7.957	1.003	0.848								
30	D17	C	8.177	7.014	8.178	0.906	0.808								
31	D18	C	8.259	7.067	8.236	1.003	0.897								
32	D19	C	8.987	7.081	8.891	0.906	1.322								
33	D20	C	8.534	-	8.615	-	-								
34	D21	C	8.450	-	8.483	-	-								
35	D22	C	8.639	7.773	8.460	0.950	0.051								
36	D23	C	8.631	7.326	8.471	1.201	0.445								
37	D24	C	8.462	7.411	8.513	0.996	0.400								
38	D25	C	9.348	8.259	9.514	1.203	0.881								
39	D26	C	9.294	8.907	9.214	1.205	0.198								
40	D27	C	9.787	8.685	9.580	1.105	0.790								
41	D28	C	9.489	8.554	9.304	0.608	0.725								
42	D29	C	9.432	8.380	9.166	0.625	0.637								
43	D30	C	9.151	8.795	9.011	0.925	0.356								
44	D31	C	8.317	-	8.289	0.953	-								
45	D32	C	8.363	7.776	8.200	0.801	0.131								
46	D33	C	8.382	7.579	8.093	0.812	0.471								
47	D34	C	8.235	-	8.217	-	-								
48	D35	C	8.422	7.539	8.338	0.612	0.473								
49	D36	C	8.330	7.549	8.265	0.651	0.629								
50	D37	C	8.183	6.930	8.080	1.115	0.928								
51	D38	C	8.199	6.896	8.202	1.102	0.998								
52	D39	C	8.634	7.384	8.514	1.015	0.899								
53	D40	C	8.315	7.451	8.241	0.640	0.513								
54	D41	C	8.370	7.467	8.362	0.801	0.508								
55	D42	C	8.160	6.948	8.078	1.106	1.044								
56	D43	C	8.157	7.196	8.087	0.803	0.505								
57	D44	C	8.514	7.558	8.428	1.105	0.804								
58	D45	C	8.320	7.270	8.158	1.105	0.697								
59	D46	C	8.213	7.060	8.281	0.981	0.928								
60	D47	C	8.343	-	8.254	-	-								
61	D48	C	8.193	7.391	8.139	0.607	0.643								
62	D49	C	8.519	7.296	8.299	0.613	0.822								
63	D50	C	8.349	7.246	8.206	1.112	0.543								
64	D51	C	8.341	7.321	8.192	0.367	0.339								
65	D52	C	8.234	7.369	8.056	1.006	0.457								
66	D53	C	7.990	6.682	7.831	1.250	1.007								
67	D54	C	8.115	7.252	7.837	0.705	0.582								
68	D55	C	8.036	6.934	7.895	0.655	0.677								
69	D56	C	8.331	6.825	8.219	1.305	1.055								
70	D57	C	8.063	6.860	8.037	1.306	0.847								
71	D58	C	8.450	7.349	8.268	1.208	0.933								
72	D59	C	8.227	7.046	8.032	1.201	0.916								
73	D60	C	7.826	7.091	7.708	0.861	0.325								
74	D61	C	8.252	7.137	8.103	1.201	0.910								
75	D62	C	7.663	6.802	7.712	0.632	0.693								
76	D63	C	7.904	6.596	7.896	1.890	0.952								
77	D64	C	7.979	7.016	7.927	0.651	0.642								
78	D65	C	7.845	7.414	7.884	0.608	0.035								
79	D66	C	8.076	6.896	7.668	0.621	0.995								

LIST OF CONTROL POINTS							
Sl. No.	Point No.	Latitude	Longitude	Easting(m)	Northing(m)	MSL RL(m)	Remarks
1	T141	13°03'14.215"N	80°13'35.667"E	416144.509	1443229.554	9.38	On top of RCC Basement



<p>Roads: main; others; mud. Cart track.</p> <p>Temple. Chhatri. Shrine. Mosque. Idgah. Tomb. Church.</p> <p>Railways: broad gauge with station; bridge; metro.</p> <p>Boundary: state; district; taluk.</p> <p>Boundary: CMA; zone; ward.</p> <p>Roads: without drain; with onside drain; with both side drain.</p> <p>Road with reverse gradient drain.</p> <p>Spaced names: locality; village.</p>		<p>Drains: stormwater; feeder with flow direction. Invert level.</p> <p>Canal. Outlet. Inundated area by privious flood.,</p> <p>Bridge with piers. Culvert. Flyover. Subway. Sewage line.</p> <p>River: dry with water channel; with island &amp; rocks. Tidal river.</p> <p>Streams: perennial; non perennial; Single line: defined. Tank.</p> <p>Rain water Harvesting. Stormwater pumping station.</p>	<p>CLIENT  GREATER CHENNAI CORPORATION (GCC) REPRESENTING COMMISSIONERATE OF REVENUE ADMINISTRATION AND DISASTER MANAGEMENT</p> <p>FUNDED BY  TNUIFSL PROJECT DEVELOPMENT GRANT FUND (PDGF) (Managed by Tamil Nadu Urban Infrastructure Financial Services Limited)</p> <p>PROJECT PLANNING, SETTING UP AND OPERATIONALIZING REAL TIME FLOOD FORECASTING SPATIAL DECISION SUPPORT SYSTEM FOR CHENNAI</p> <p>TITLE BASE MAP - STORM WATER DRAIN WARD No. 134, ZONE X - KODAMBAKKAM</p> <p>PROJECT CONSULTANTS  SECON - JBA Consulting (India) (U.K.) JV</p> <p>SHEET No. 50 OF 114 SCALE 1:5000 DRAWING No. CFM/SWD/WARD-50 REV. 0</p>
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