		1	LIST C	F POINTS							LIST (OF POINTS				80°13'0"	'E	80°13'
SI	MANHOLE	DRAIN		MSL LEVEL	-	DRAIN DI	MENSIONS	SI	MANHOLE	DRAIN		MSL LEVEI	-	DRAIN DI	MENSIONS	-		
No.	ID	Closed(C) /Open(O)	Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)	Depth (m)	No.	ID	Closed(C) /Open(O)	Drain Top(m)	Invert (m)	Road Edge (m)	Width (m)	Depth (m)	N0		
1	A1 (OL)	C C	8.660	7.550	8.502	0.620	0.680	92	G4	C C	7.963	7.223	7.847	0.710	0.520	04,0		
2 3	A2 A3	C C	9.202 9.276	- 8.226	9.018 9.233	- 0.850	- 0.800	93 94	G5 G6	C C	7.930 8.479	7.250	7.959 8.437	0.850 0.810	0.490 0.570	13.		
4	A4	С	9.719	8.109	9.492	1.040	1.370	95	G7	С	8.267	-	8.211	-	-	-		
5 6	A5 B1 (OL)	с с	9.721 8.698	8.131 7.858	9.706 8.535	1.240 0.540	1.060 0.460	96 97	G8 H1 (OL)	с с	8.238 8.085	-	8.231 8.085	-	-			
7	B2	С	8.475	7.225	8.328	0.640	1.070	98	H2	С	7.554	6.504	7.458	0.850	0.340	N1444500	WARDS OF GCC A	AREA
8 9	B3 B4	C C	8.559 8.460	-	8.488 8.534	-	-	99 100	H3 H4	C C	8.041 8.317	6.991	8.051 8.348	0.560	0.640	-	28 29	19
10 11	C1 (OL)	C C	8.331 8.375	7.081	8.641 8.362	0.890	0.970	101	H5	С	8.206	7.566	8.035	0.740	0.320			7 38 4
12	C3	C C	8.366	7.216	8.349	0.560	0.670	102 103	H6 H7	C C	8.144 8.124	7.284 7.104	8.008 7.968	0.780 0.580	0.720			
13 14	D1 (OL)	C C	8.807 9.115	- 8.135	8.620 8.881	- 0.880	- 0.860	104	H8 H9	C C	8.059	7.199	8.087	0.740 0.850	0.720 0.550	Z	94 96 7769 70 70 70 70 70 70 70 70 70 70 70 70 70	46 53 52 72 72 53 52
15	D3	С	9.460	7.080	9.284	0.680	1.670	105 106	H9 H10	C C	8.363 8.436	7.653	8.274 8.409	-	-	3,50	95 97 98 74 /73 76 99 - 100 - 01	58 57
16 17	D4 D5	C C	9.817 9.723	_	9.790 9.536	_	_	107 108	H11 H12	C C	8.283 8.352	7.543 7.692	8.096 8.140	0.790 0.710	0.560	13.0		62 59
18	D6 D7	C C	9.302	8.262	9.281	0.710	0.800 0.620	108	H12	C C	8.368	-	8.420	-			145 127 0108/109 110 111 128 129 130 1134 1113	
19 20	D7 D8	c	9.262 8.992	8.422 7.532	9.081 8.897	0.620 0.890	1.180	110 111	H14 H15	C C	8.221 7.136	_ 6.526	8.250 7.138	_ 0.720	- 0.430	-	128 137 136 137 136 137 136 137 136 137 136 136 136 137 136	
21 22	D9 D10	C C	8.855 8.847	 7.857	8.792 8.806	- 0.710	- 0.810	112	H16	С	7.107	-	7.021	-	-	-	138 339 140 141 122 123	124
23	D11	С	9.090	8.250	9.039	0.690	0.650	113	H17 H18	C C	6.981 6.980	6.071 5.970	6.961 6.907	0.710 0.720	0.690		170 171 172	173
24 25	D12 D13	C C	9.141 8.990	8.311 –	9.192 8.954	0.610	0.640	115	Н19	C	6.872	6.122	6.843	0.720	0.540		174	181
26	D14	С	9.112	8.472	9.265	0.920	0.460	116 117	H20 H21	C C	7.085 7.347	_ 6.237	6.901 7.229	_ 0.780	_ 0.920	Z	177 177 178 179 180 180 182 182	2
27 28	D15 D16	C C	9.162 9.148	-	9.215 9.158	-	-	118	H22	С	8.086	7.376	8.026	0.650	0.550	3'40"		
29 30	D17 D18	C C	9.189 9.222	8.399 8.372	9.217 9.139	0.840 0.960	0.610 0.670	119 120	H23 H24	C C	7.785 7.827	6.765 6.467	7.598	0.610 0.740	0.630	13.03		
31	D19	С	9.122	8.372	9.100	0.960	0.670	121	H25	С	7.638	_	7.672	_	_	N1444000		
32 33	D20 D21	C C	8.822 9.023	-	8.877 9.095	-	-	122 123	H26 H27	C C	7.563 7.603	_ 6.503	7.586 7.562	 0.710				
34	D22	С	8.717	7.767	8.729	0.840	0.760	124 125	H28 H29	C C	7.943 8.035	6.633 7.255	7.728 8.023	0.690 0.610	0.730 0.500			
35 36	D23 D24	C C	8.539 8.398	7.459 7.408	8.612 8.423	1.081 1.030	0.770 0.850	125	H29 H30	C C	7.598	6.608	7.565	0.610	0.680			
37	D25	С	8.836	7.686	8.579	0.740	0.870	127 128	H31 H32	C C	7.558 8.296	6.608 7.356	7.541 8.186	0.640 0.590	0.590 0.760	-	WARD 10)8
38 39	D26 D27	C C	8.277 8.538	6.857 7.158	8.388 8.394	0.750 1.210	1.210 1.120	129	Н33	С	8.193	7.383	8.143	0.610	0.670			Ū
40	D28	C C	8.620 8.758	- 7.518	8.572 8.530	- 0.790	_ 0.730	130 131	H34 H35	C C	7.899 8.423	7.119	7.950 8.396	0.660	0.620			D65 7.814
41 42	D29 D30	C	8.696	7.636	8.472	0.790	0.730	132	Н36	С	8.031	6.911	7.984	0.590	0.400		NH45 Periyar Path	//
43 44	D31 D32	C C	9.138 9.083	7.978 8.603	9.008 8.931	0.810 0.980	1.010 0.300	133 134	H37 H38	C C	7.753	6.863 6.990	7.674	0.790 0.750	0.720	-	NH45 Periyar Patri 0.6 km W X X X X X X X X X X X X X X X X X X X	D60 7.90
45	D33	С	9.090	8.710	8.955	0.780	0.250	135	SB1	С	9.565	8.855	9.537	0.640	0.150	Z		4th Street
46	D34 D35	C C	9.726 9.414	9.116 8.334	9.647 9.152	0.980 0.940	0.450	136	SB2	С	9.747	8.527	9.739	0.740	1.010	3'30"N	$\sqrt{1000sina} \leq 11$	3rd Street
48	D36	С	9.153	8.693	9.166	0.960	0.300	LEGEI	ND							13.03		2nd Stree
49 50	D37 D38	C C	9.275 9.656	8.895 8.616	7.173 9.459	0.690 0.710	0.250 0.460			in Outlet								D61
51 52	D39 D40	C C	8.590 8.381	7.970 7.401	8.372 8.363	0.580 0.890	0.430 0.850		Dro	in With Re	everse Gro	adient					By Board Ist	<u>ar Nagar</u> t Street
53	D40	C	8.737	7.457	8.509	0.610	0.740	"		nhole's Ins							Pothai Street	Jee J
54 55	D42 D43	C C	8.592 8.269	7.482 7.539	8.379 8.074	0.820 0.780	0.500 0.050	_	wid		side not A	CCESSIDIE						D60
56	D44	С	8.245	7.265	8.136	1.150	0.790									N1443500		7.994
57 58	D45 D46	C C	8.209 8.692	7.489 7.612	7.932 8.614	1.060 0.930	0.600 0.940										Andovor Il Street Inotton Street	ss St
59	D47	С	8.909	8.128	8.715	0.610	0.591									N"0.	Ist of	Koil Cross
60 61	D48 D49	C C	8.797 9.082	7.176 7.621	8.761 9.088	0.760 0.710	0.781 0.641				KEY	PLAN				3.03 [/] 20 [*] N		, <u>5</u>
62	D50 D51	C C	8.585 8.843	7.535 8.003	8.507 8.759	0.820 0.850	0.740 0.500									13	WARD 130	icoss St
63 64	D51 D52	C C	8.843 8.627	8.003	8.759 8.641	0.850	0.500						Γ				WARD 130	
65 66	D53 D54	C C	8.634 8.503	7.534 _	8.561 8.458	0.680	0.860					∫ Manhole	е Тор					<u>3rd Lane</u>
67	D55	С	8.190	-	8.168	_	-			Road			I_	·			vy	Street
68 69	D56 D57	C C	8.525 8.361	7.664 -	8.442 8.327	0.620	0.581 —			Road ed	ge-/	н					treet	D34 9.116
70	D58	С	8.468	7.628	8.388	0.590	0.600				W	-Ir	vert				iopo (8.527	D34 9.116 2JL 2
71 72	D59 D60	C C	8.971 9.104	8.150 7.994	8.917 9.060	0.640 0.720	0.641 1.069					D DRAIN					Vellalar Ist L	Lane
73	D61	С	8.854	7.874	8.829	0.780	0.800				JLUJE	UNAIN				z	8.855	ane F
74 75	D62 D63	C C	8.683 8.617	_	8.674 8.591	-	-						F	1		3°03′10″N	To South Sivan D	D35
76	D64	С	8.541	7.861	8.547	0.540	0.500									13.03	5 <i>Koil Street8.</i> D38 D33 8.616 8.893	100
77 78	D65 D66	C C	8.766 8.862	7.814 7.902	8.734 8.735	0.740 0.870	0.132 0.200			Road						—	8.616 8.895	10 8 262
79 80	D67 E1 (OL)	C C	8.807 8.146	7.824 -	8.776 7.907	0.790	0.793			Road ed	ge-⁄					N1443000	\$ 411 05	Bailway Bo
81	E2	С	8.289	_	8.178	_	_					H					S DS	Kouner
82 83	F1 (OL) F2	C C	7.367 8.649	6.267 _	8.064 8.334	0.940	0.890				W	-Ir	ivert				NH45 8.131	
84	F3	С	8.793	8.013	8.592	0.540	0.620				OPEN	DRAIN					0.0	SI. No.
85 86	F4 F5	C C	8.487 8.313	8.147 7.073	8.577 8.377	0.980 0.780	0.150 0.860										1	1
87	F6	С	7.996	7.106	8.095	0.810	0.710									7	WARD 133	
88	F7 G1 (OL)	C C	8.767 8.164	7.727 6.844	8.629 8.063	0.840 0.740	0.910 1.210		·							13 - 03'0"N		
89								1								Ö		
89 90 91	G2 G3	C C	7.924 7.902	6.884 6.992	7.789 7.752	0.720 0.610	0.800 0.790	-								13.		

_____ Roads: main; others; mud. Cart track. Temple. Chhatri. Shrine. Mosque. Idgah. Tomb. Church. Ĥ A \bigtriangleup 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. \Rightarrow _____ Road with reverse gradient drain. Spaced names: locality; village. ALWARPET 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.



000	80°14'	10"E				
E417000		13 . 04 ¹ 0"N				
	N1	444500				
		13°03′50″N				
	N1	0013°03′40″N				
		13'03'30"\N				
	N1	443500				
		13°03′20"N				
	N1	N"01,203,100"N				
E417000	80°14' <mark>1</mark> 1 PORATION (GCC)					
CORPORATION (GCC) ATE OF REVENUE ADMINISTRATION R MANAGEMENT T GRANT FUND (PDGF) structure Financial Services Limited)						
IPPORT SYSTEM FOR CHENNAI M WATER DRAIN - TEYNAMPET NAGAR						
A Consulting (U.K.) JV						
WARD	-62	rev. O				