

Design Statement of Storm Water Drainage

Sr. No	Line No.	Length	Quantity Storm water accumulated	Quantity of Waste Water generated			Discharge			Velocity	Flow	Size of Storm line	Slope	Length of Storm line	Fall	Formation Level		Invert Level	
				Self	Branch	Total	KLD	KLD	KLD	M/sec	Cu.m.	mm				Upper end	Lower end	Upper end	Lower end
1	2	3	4	5	6	7	8	9	10	11	12	13				16	17	18	19
123	B25-B32	48	267238	267	3055	3322	332	0.0384	0.63	0.079	400	700	OK	48	0.07	234.632	234.454	233.201	233.175
124	B35- B32	105	681242	681	0	681	0.68	0.0079	0.63	0.079	400	700	OK	105	0.15	234.601	234.454	233.051	233.051
125	B32- B31	6	16208	16	4003	4019	4.02	0.0465	0.63	0.079	400	700	OK	6	0.01	234.454	234.435	233.051	233.042
126	B33- B31	34	228266	228	0	228	0.23	0.0026	0.63	0.079	400	700	OK	34	0.05	234.445	234.435	233.045	232.996
127	B31-B9	62	1128244	1128	4248	5376	5.38	0.0622	0.63	0.079	400	700	OK	62	0.09	234.435	234.226	232.996	232.908
128	B9- B10	56	439253	439	5376	5815	5.82	0.0673	0.63	0.079	400	700	OK	56	0.08	234.226	234.415	232.908	232.828
129	C4-C2	53	588495	588	0	588	0.59	0.0068	0.63	0.079	400	700	OK	53	0.08	233.553	233.817	232.153	232.077
130	C2-F35	21	98939	99	588	687	0.69	0.0080	0.63	0.079	400	700	OK	21	0.03	233.817	234.195	232.077	232.047
131	F35-F32	40	111392	111	687	799	0.80	0.0092	0.63	0.079	400	700	OK	40	0.06	234.195	234.237	232.047	231.990
132	F32-B10	93	554699	555	799	1354	1.35	0.0157	0.63	0.079	400	700	OK	93	0.13	234.237	234.415	231.990	231.857
133	B10-B11	54	300643	301	7169	7469	7.47	0.0865	0.68	0.134	500	800	OK	54	0.07	234.415	234.437	231.757	231.690
134	B12-B11	114	1892273	1892	0	1892	1.89	0.0219	0.63	0.079	400	700	OK	114	0.16	234.563	234.437	233.163	233.001
135	B11-C1	66	367453	367	9362	9729	9.73	0.1126	0.68	0.134	500	800	OK	66	0.08	234.437	234.101	231.690	231.607
136	F35-C1	22	356318	356	0	356	0.36	0.0041	0.63	0.079	400	700	OK	22	0.03	234.195	234.101	232.795	232.763
137	C1-C21	170	1207490	1207	10085	11293	11.29	0.1307	0.68	0.134	500	800	OK	170	0.21	234.101	234.319	231.607	231.395
138	C21-C21	13	55675	56	0	56	0.06	0.0006	0.63	0.079	400	700	OK	13	0.02	234.322	234.319	232.922	232.903
139	C21-C22	64	665318	665	11349	12014	12.01	0.1390	0.72	0.205	600	900	OK	64	0.07	234.319	234.055	231.295	231.224
140	C22-C24	34	144059	144	12014	12158	12.16	0.1407	0.72	0.205	600	900	OK	34	0.04	234.055	233.746	231.224	231.186
141	C24-C42	93	682676	683	12158	12841	12.84	0.1486	0.72	0.205	600	900	OK	93	0.10	233.746	233.778	231.186	231.083
142	C43-C43	31	248991	249	0	249	0.25	0.0029	0.63	0.079	400	700	OK	31	0.04	233.814	233.796	232.414	232.369
143	C43-C42	57	131981	132	249	381	0.38	0.0044	0.63	0.079	400	700	OK	57	0.08	233.796	233.778	232.369	232.288
144	C42-C44	62	323416	323	13222	13545	13.55	0.1568	0.72	0.205	600	900	OK	62	0.07	233.778	233.598	231.083	231.014
145	C44-C45	37	106198	106	13545	13651	13.65	0.1580	0.72	0.205	600	900	OK	37	0.04	233.598	233.495	231.014	230.973
146	C45-C26	40	121780	122	13651	13773	13.77	0.1594	0.72	0.205	600	900	OK	40	0.04	233.495	233.355	230.973	230.928
147	C27-C26	37	890965	891	0	891	0.89	0.0103	0.63	0.079	400	700	OK	37	0.05	233.365	233.355	231.965	231.912
148	C26-C25	68	384155	384	14664	15048	15.05	0.1742	0.72	0.205	600	900	OK	68	0.08	233.355	233.321	230.928	230.853
149	C25-C47	125	398697	399	15048	15447	15.45	0.1788	0.72	0.205	600	900	OK	125	0.14	233.321	232.988	230.853	230.714
150	C47-C7	66	702824	703	15447	16150	16.15	0.1869	0.72	0.205	600	900	OK	66	0.07	232.988	233.040	230.714	230.640
151	82C7-	26	144754	145	16150	16294	16.29	0.1886	0.72	0.205	600	900	OK	26	0.03	233.040	232.907	230.640	230.611
152	82C30-	13	55675	56	0	56	0.06	0.0006	0.63	0.079	400	700	OK	13	0.02	232.959	232.954	231.559	231.541

Design Statement of Storm Water Drainage

Design Statement of Storm Water Drainage																					
Sr. No	Line No.	Length	Quantity Storm water accumulated	Quantity of Waste Water generated			Discharge		Velocity	Flow	Size of Storm line	Slope	Length of Storm line	Fall	Formation Level		Invert Level				
				Self	Branch	Total	MLD	Cum.							M/sec	Cum.	mm	Upper end	Lower end	Upper end	Lower end
			L	KLD	KLD	KLD	8	9	10	11	12	13	M	M	M	M	M	M			
1	2	3	4	5	6	7															
153	C49-C30	78	489826	490	0	490	0.49	0.0057	0.63	0.079	400	700	OK	0.11	232.973	232.954	231.573	231.462			
154	C30-C31	59	328481	328	546	874	0.87	0.0101	0.63	0.079	400	700	OK	0.08	232.954	232.726	231.462	231.377			
155	C32-C31	33	285915	286	0	286	0.29	0.0033	0.63	0.079	400	700	OK	0.05	232.740	232.726	231.340	231.292			
156	C31-C34	55	1845666	1846	1160	3006	3.01	0.0348	0.63	0.079	400	700	OK	0.08	232.726	232.518	231.292	231.214			
157	81'2-B'7	132	1633332	1633	0	1633	1.63	0.0189	0.63	0.079	400	700	OK	0.19	232.574	232.540	231.174	230.986			
158	81'1-B'7	15	1633332	1633	0	1633	1.63	0.0189	0.63	0.079	400	700	OK	0.02	232.552	232.540	231.152	231.131			
159	B'7-82C34	87	820609	821	3267	4087	4.09	0.0473	0.63	0.079	400	700	OK	0.12	232.540	232.518	230.986	230.861			
160	C34-C50	109	693224	693	7093	7786	7.79	0.0901	0.68	0.134	500	800	OK	0.14	232.518	232.619	230.761	230.625			
161	C'12-C35	144	1104259	1104	0	1104	1.10	0.0128	0.63	0.079	400	700	OK	0.21	232.592	232.216	231.192	230.986			
162	C35-C50	90	354891	355	1104	1459	1.46	0.0169	0.63	0.079	400	700	OK	0.13	232.216	232.619	230.986	230.858			
163	C51-C50	57	670499	670	0	670	0.67	0.0078	0.63	0.079	400	700	OK	0.08	232.713	232.619	231.313	231.232			
164	C50-C33	72	152820	153	9916	10069	10.07	0.1165	0.68	0.134	500	800	OK	0.09	232.619	232.934	230.625	230.535			
165	82C33-	122	1084466	1084	10069	11153	11.15	0.1291	0.68	0.134	500	800	OK	0.15	232.934	232.907	230.535	230.383			
166	82C48-82C8	31	167024	167	27447	27614	27.61	0.3196	0.79	0.399	800	1100	OK	0.03	232.907	232.845	230.083	230.054			
167	F'29-C8	55	393745	394	0	394	0.39	0.0046	0.63	0.079	400	700	OK	0.08	232.860	232.845	231.460	231.382			
168	C8-F'30	61	238367	238	28008	28247	28.25	0.3269	0.79	0.399	800	1100	OK	0.06	232.845	232.733	230.054	229.999			
169	F'31-F'30	19	193819	194	0	194	0.19	0.0022	0.63	0.079	400	700	OK	0.03	232.669	232.733	231.269	231.242			
170	82F'30-	52	263774	264	28440	28704	28.70	0.3322	0.79	0.399	800	1100	OK	0.05	232.736	232.705	229.999	229.952			
171	82E'7-	100	1914935	1915	0	1915	1.91	0.0222	0.63	0.079	400	700	OK	0.14	233.246	233.553	231.846	231.703			
172	E6- B5	72	239556	240	1915	2154	2.15	0.0249	0.63	0.079	400	700	OK	0.10	233.553	233.671	231.703	231.600			
173	F9-B5	63	402185	402	0	402	0.40	0.0047	0.63	0.079	400	700	OK	0.09	233.545	233.671	232.145	232.055			
174	B5- B7	194	1498432	1498	2557	4055	4.06	0.0469	0.63	0.079	400	700	OK	0.28	233.671	233.980	231.600	231.323			
175	F33-B8	39	622832	623	0	623	0.62	0.0072	0.63	0.079	400	700	OK	0.06	234.070	234.030	232.670	232.614			
176	B8- B7	85	818231	818	623	1441	1.44	0.0167	0.63	0.079	400	700	OK	0.12	234.030	233.980	232.614	232.493			

Design Statement of Storm Water Drainage

Sr. No	Line No.	Length	Quantity Storm water accumulated	Quantity of Waste Water generated			Discharge		Velocity	Flow	Size of Storm line	Slope	Length of Storm line	Fall	Formation Level		Invert Level	
				Self	Branch	Total	MLD	Cum.							Upper end	Lower end	Upper end	Lower end
	2	3	4	5	6	7	8	9	10	11	12	13	M	M	16	17	18	19
177	B7- F1	66	367453	367	5496	5864	5.86	0.0679	0.63	0.079	400	700	OK	0.09	233.980	233.884	231.323	231.229
178	F9- F1	145	1195423	1195	0	1195	1.20	0.0138	0.63	0.079	400	700	OK	0.21	233.545	233.884	232.145	231.938
179	F1- F2	54	368143	368	7059	7427	7.43	0.0860	0.68	0.134	500	800	OK	0.07	233.884	233.801	231.129	231.061
180	F14- F2	141	946470	946	0	946	0.95	0.0110	0.63	0.079	400	700	OK	0.20	233.515	233.801	232.115	231.913
181	F2- F3	57	272806	273	8374	8646	8.65	0.1001	0.68	0.134	500	800	OK	0.07	233.801	233.552	231.061	230.990
182	F19- F18	15	151155	151	0	151	0.15	0.0017	0.63	0.079	400	700	OK	0.02	233.550	233.523	232.150	232.129
183	F18- F16	25	27786	28	151	179	0.18	0.0021	0.63	0.079	400	700	OK	0.04	233.523	233.490	232.129	232.093
184	F11- F16	70	862236	862	0	862	0.86	0.0100	0.63	0.079	400	700	OK	0.10	233.323	233.490	231.923	231.823
185	F16- F15	40	306211	306	1041	1347	1.35	0.0156	0.63	0.079	400	700	OK	0.06	233.490	233.266	231.823	231.766
186	F14- F15	25	317346	317	0	317	0.32	0.0037	0.63	0.079	400	700	OK	0.04	233.515	233.266	232.115	232.079
187	F15- F3	170	946470	946	1665	2611	2.61	0.0302	0.63	0.079	400	700	OK	0.24	233.266	233.552	231.766	231.523
188	F3- F4	24	50107	50	11258	11308	11.31	0.1309	0.68	0.134	500	800	OK	0.03	233.552	233.472	230.990	230.960
189	F12- F4	55	281390	281	0	281	0.28	0.0033	0.63	0.079	400	700	OK	0.08	233.551	233.472	232.151	232.073
190	F4- F5	24	295076	295	11589	11884	11.88	0.1375	0.72	0.205	600	900	OK	0.03	233.472	233.364	230.860	230.833
191	F21- F20	76	550640	551	0	551	0.55	0.0064	0.63	0.079	400	700	OK	0.11	233.109	233.321	231.709	231.600
192	F20- F5	28	200889	201	551	752	0.75	0.0087	0.63	0.079	400	700	OK	0.04	233.321	233.364	231.600	231.560
193	F5- F6	67	1015357	1015	12636	13651	13.65	0.1580	0.72	0.205	600	900	OK	0.07	233.364	233.030	230.833	230.759
194	F21- F6	54	373020	373	0	373	0.37	0.0043	0.63	0.079	400	700	OK	0.08	233.109	233.030	231.709	231.631
195	F24- F23	110	651394	651	0	651	0.65	0.0075	0.63	0.079	400	700	OK	0.16	233.271	233.121	231.871	231.714
196	F23- F6	54	300643	301	651	952	0.95	0.0110	0.63	0.079	400	700	OK	0.08	233.121	233.030	231.714	231.636
197	F6- F7	135	757176	757	14976	15733	15.73	0.1821	0.72	0.205	600	900	OK	0.15	233.030	232.443	230.759	230.609
198	F26- F7	73	683676	684	0	684	0.68	0.0079	0.63	0.079	400	700	OK	0.10	232.549	232.443	231.149	231.045
199	F25- F7	23	223417	223	0	223	0.22	0.0026	0.63	0.079	400	700	OK	0.03	232.502	232.443	231.102	231.070
200	F7- F8	55	127350	127	16640	16768	16.77	0.1941	0.72	0.205	600	900	OK	0.06	232.443	232.315	230.609	230.548
201	D1- F8	28	572275	572	0	572	0.57	0.0066	0.63	0.079	400	700	OK	0.04	232.211	232.315	230.811	230.771
202	F8- F27	48	267238	267	17340	17607	17.61	0.2038	0.72	0.205	600	900	OK	0.05	232.315	232.380	230.548	230.494
203	F34- F36	38	337530	338	0	338	0.34	0.0039	0.63	0.079	400	700	OK	0.05	232.871	232.861	231.471	231.417
204	F36- F28	61	165524	166	338	503	0.50	0.0058	0.63	0.079	400	700	OK	0.09	232.861	232.669	231.417	231.330

For VATIKA LIMITED

Authorised Signatory

Design Statement of Storm Water Drainage

Sr. No	Line No.	Length	Quantity Storm water accumulated	Quantity of Waste Water generated			Discharge		Velocity	Flow	Size of Storm line	Slope	Length of Storm line	Fall	Formation Level		Invert Level				
				Self	Branch	Total	MLD	Cum.							Cum.	M/sec	mm	Upper end	Lower end	Upper end	Lower end
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
205	F28-F27	148	901930	902	503	1405	1.40	0.0163	0.63	0.079	400	700	OK	0.21	232.669	232.380	231.330	231.118			
206	F27-D22	47	509462	509	19012	19522	19.52	0.2259	0.76	0.293	700	1000	OK	0.05	232.380	232.846	230.394	230.347			
207	D22- D38	53	416481	416	19522	19938	19.94	0.2308	0.76	0.293	700	1000	OK	0.05	232.846	232.772	230.347	230.294			
208	D40- D39	36	352725	353	0	353	0.35	0.0041	0.63	0.079	400	700	OK	0.05	232.794	232.782	231.394	231.343			
209	D39- D38	61	143559	144	353	496	0.50	0.0057	0.63	0.079	400	700	OK	0.09	232.782	232.772	231.343	231.256			
210	82D38-	174	1002144	1002	20435	21437	21.44	0.2481	0.76	0.293	700	1000	OK	0.17	232.772	232.705	230.294	230.120			
211	82D20-	69	220469	220	50141	50361	50.36	0.5829	0.85	0.665	1000	1300	OK	0.05	232.705	232.774	229.752	229.699			
212	D24-D23	63	417560	418	0	418	0.42	0.0048	0.63	0.079	400	700	OK	0.09	232.793	232.774	231.393	231.303			
213	82D23-	138	375918	376	50779	51155	51.15	0.5921	0.85	0.665	1000	1300	OK	0.11	232.774	232.338	229.699	229.592	229.492		
214	82C14-	137	1248399	1248	0	1248	1.25	0.0144	0.63	0.079	400	700	OK	0.20	232.410	232.239	231.010	230.814			
215	C36-C38	84	333426	333	1248	1582	1.58	0.0183	0.63	0.079	400	700	OK	0.12	232.239	231.952	230.814	230.694			
216	C40-C38	27	495696	496	0	496	0.50	0.0057	0.63	0.079	400	700	OK	0.04	231.772	231.952	230.372	230.333			
217	C38-C52	25	55571	56	2078	2133	2.13	0.0247	0.63	0.079	400	700	OK	0.04	231.952	231.969	230.333	230.298			
218	82C53-	134	859364	859	0	859	0.86	0.0099	0.63	0.079	400	700	OK	0.19	232.042	231.993	230.642	230.451			
219	C53-C52	81	187552	188	859	1047	1.05	0.0121	0.63	0.079	400	700	OK	0.12	231.993	231.969	230.451	230.335			
220	C52-C16	217	1620917	1621	3180	4801	4.80	0.0556	0.63	0.079	400	700	OK	0.31	231.969	232.281	230.298	229.988			
221	C41-C54	84	1753225	1753	0	1753	1.75	0.0203	0.63	0.079	400	700	OK	0.12	231.662	231.882	230.262	230.142			
222	C54-C20	105	312587	313	1753	2066	2.07	0.0239	0.63	0.079	400	700	OK	0.15	231.882	232.018	230.142	229.992			
223	C20-C18	82	187552	188	2066	2253	2.25	0.0261	0.63	0.079	400	700	OK	0.12	232.018	232.191	229.992	229.875			
224	C18-C16	40	324384	324	2253	2578	2.58	0.0298	0.63	0.079	400	700	OK	0.06	232.191	232.281	229.875	229.818	229.718		
225	82C16-	37	62517	63	7379	7441	7.44	0.0861	0.68	0.134	500	800	OK	0.05	232.281	232.338	229.718	229.672			
226	82D26-	48	190055	190	58596	58786	58.79	0.6804	0.87	0.827	1100	1400	OK	0.03	232.338	232.318	229.492	229.458			

Design Statement of Storm Water Drainage

Sr. No	Line No.	Length	Quantity Storm water accumulated	Quantity of Waste Water generated			Discharge		Velocity	Flow	Size of Storm line	Slope	Length of Storm line	Fall	Formation Level		Invert Level	
				Self	Branch	Total	MLD	Cu.m.							Upper end	Lower end	Upper end	Lower end
	2	3	4	5	6	7	8	9	10	11	12	13	M	M	M	M	M	M
1													14	15	16	17	18	19
227	D'27-D'28	220	1759870	1760	58786	60546	60.55	0.7008	0.87	0.827	1100	1400	OK	0.16	232.318	232.245	229.458	229.301
228	D'28- D29	110	1042403	1042	60546	61588	61.59	0.7128	0.87	0.827	1100	1400	OK	0.08	232.245	232.775	229.301	229.222
229	D25- D29	77	601043	601	0	601	0.60	0.0070	0.63	0.079	400	700	OK	0.11	232.822	232.775	231.422	231.312
230	D29-	61	339616	340	62189	62529	62.53	0.7237	0.87	0.827	1100	1400	OK	0.04	232.775	232.723	229.222	229.179
231	82D'3-	50	1361102	1361	0	1361	1.36	0.0158	0.63	0.079	400	700	OK	0.07	232.098	232.178	230.698	230.626
232	D'2-D6	76	555201	555	1361	1916	1.92	0.0222	0.63	0.079	400	700	OK	0.11	232.178	231.618	230.626	230.518
233	D'5-D6	22	318780	319	0	319	0.32	0.0037	0.63	0.079	400	700	OK	0.03	231.626	231.618	230.226	230.194
234	D6-D7	70	551778	552	2235	2787	2.79	0.0323	0.63	0.079	400	700	OK	0.10	231.618	231.542	230.194	230.094
235	D8-D7	117	720214	720	0	720	0.72	0.0083	0.63	0.079	400	700	OK	0.17	231.360	231.542	229.960	229.793
236	D7-D11	56	311778	312	3507	3819	3.82	0.0442	0.63	0.079	400	700	OK	0.08	231.542	231.401	229.793	229.713
237	D'14-D11	83	618418	618	0	618	0.62	0.0072	0.63	0.079	400	700	OK	0.12	231.295	231.401	229.895	229.777
238	D11- D'15	66	1339194	1339	4437	5776	5.78	0.0669	0.63	0.079	400	700	OK	0.09	231.401	231.380	229.713	229.619
239	D'15- D16	62	368157	368	5776	6145	6.14	0.0711	0.63	0.079	400	700	OK	0.04	231.380	231.362	229.619	229.530
240	D'18- D16	28	161457	161	0	161	0.16	0.0019	0.63	0.079	400	700	OK	0.08	231.512	231.362	230.112	230.072
241	D16-D'19	56	208016	208	6306	6514	6.51	0.0754	0.63	0.079	400	700	OK	0.05	231.362	231.351	229.530	229.450
242	D'19- D17	34	155889	156	6514	6670	6.67	0.0772	0.63	0.079	400	700	OK	0.09	231.351	231.343	229.450	229.402
243	D41- D17	63	440296	440	0	440	0.44	0.0051	0.63	0.079	400	700	OK	0.03	231.523	231.343	230.123	230.033
244	82D17-	20	303575	304	7110	7414	7.41	0.0858	0.68	0.134	500	800	OK	0.07	231.343	231.339	229.302	229.277
245	82D'21-	57	147877	148	7414	7562	7.56	0.0875	0.68	0.134	500	800	OK	0.05	231.339	231.383	229.277	229.206
246	D34- D33	33	546935	547	0	547	0.55	0.0063	0.63	0.079	400	700	OK	0.03	231.395	231.383	229.995	229.948
247	D33- D32	70	705375	705	8109	8814	8.81	0.1020	0.68	0.134	500	800	OK	0.09	231.383	232.723	229.206	229.118
248	D'31- D32	32	314218	314	71343	71657	71.66	0.8294	0.89	1.007	1200	1500	OK	0.02	232.723	232.621	229.079	229.057
249	82D'31-	63	0	0	71657	71657	71.66	0.8294	0.89	1.007	1200	1500	OK	0.04	232.621	232.464	229.057	229.015
250	82D36-	39	0	0	0	0	0.00	0.0000	0.63	0.079	400	700	OK	0.06	232.248	232.464	230.848	230.792
251	82D35- OUTFALL	30	0	0	71657	71657	71.66	0.8294	0.89	1.007	1200	1500	OK	0.02	232.464	232.464	229.015	228.995
252	85C12-	43	170718	171	0	171	0.17	0.0020	0.63	0.079	400	700	OK	0.06	229.613	229.606	228.213	228.152
253	C21-C11	45	388680	389	0	389	0.39	0.0045	0.63	0.079	400	700	OK	0.06	229.615	229.606	228.215	228.150
254	C11-C10	55	261772	262	559	821	0.82	0.0095	0.63	0.079	400	700	OK	0.08	229.606	229.598	228.150	228.072

For VATIKA LIMITED

Design Statement of Storm Water Drainage

Sr. No	Line No.	Length	Quantity Storm water accumulated	Quantity of Waste Water generated			Discharge		Velocity	Flow	Size of Storm line	Slope	Length of Storm line	Fall	Formation Level			Invert Level							
				Self	Branch	Total	MLD	Cum.							M/sec	Cum.	mm	Upper end	Lower end	M	M	M	M	M	M
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20						
255	C17-C10	87	517775	518	0	518	0.52	0.0060	0.63	0.079	400	700	OK	0.12	229.642	229.598	228.242	228.117							
256	C14-C10	77	428695	429	0	429	0.43	0.0050	0.63	0.079	400	700	OK	0.11	229.617	229.598	228.217	228.107							
257	C10-C9	58	219969	220	1768	1988	1.99	0.0230	0.63	0.079	400	700	OK	0.08	229.598	229.587	228.072	227.989							
258	C7-C9	72	617989	618	0	618	0.62	0.0072	0.63	0.079	400	700	OK	0.10	229.394	229.587	227.994	227.891							
259	C9-C6	47	498761	499	2606	3104	3.10	0.0359	0.63	0.079	400	700	OK	0.07	229.587	229.577	227.891	227.824							
260	C7-C6	85	592677	593	0	593	0.59	0.0069	0.63	0.079	400	700	OK	0.12	229.394	229.577	227.994	227.872							
261	C6-C5	74	180606	181	3697	3878	3.88	0.0449	0.63	0.079	400	700	OK	0.11	229.577	229.737	227.824	227.718							
262	B39-B38	90	754695	755	0	755	0.75	0.0087	0.63	0.079	400	700	OK	0.13	229.789	229.771	228.389	228.261							
263	B38-B37	49	64833	65	755	820	0.82	0.0095	0.63	0.079	400	700	OK	0.07	229.771	229.760	228.261	228.191							
264	B37-C5	105	581313	581	820	1401	1.40	0.0162	0.63	0.079	400	700	OK	0.15	229.760	229.737	228.191	228.041							
265	C5-C4	27	53256	53	5278	5332	5.33	0.0617	0.63	0.079	400	700	OK	0.04	229.737	229.777	227.718	227.679							
266	C20-C4	104	655416	655	0	655	0.66	0.0076	0.63	0.079	400	700	OK	0.15	229.798	229.777	228.398	228.250							
267	C4-C2	52	120404	120	5987	6108	6.11	0.0707	0.63	0.079	400	700	OK	0.07	229.777	229.895	227.679	227.605	227.505						
268	B41-B40	133	657169	657	0	657	0.66	0.0076	0.63	0.079	400	700	OK	0.19	230.892	229.972	229.492	229.302							
269	B42-B40	144	701055	701	0	701	0.70	0.0081	0.63	0.079	400	700	OK	0.21	230.002	229.972	228.602	228.396							
270	B40-C2	31	69464	69	1358	1428	1.43	0.0165	0.63	0.079	400	700	OK	0.04	229.972	229.895	228.396	228.352							
271	C17-C16	45	611808	612	0	612	0.61	0.0071	0.63	0.079	400	700	OK	0.06	229.642	229.730	228.242	228.177							
272	C18-C16	42	283941	284	0	284	0.28	0.0033	0.63	0.079	400	700	OK	0.06	229.739	229.730	228.339	228.279							
273	C16-C15	48	272806	273	896	1169	1.17	0.0135	0.63	0.079	400	700	OK	0.07	229.730	229.828	228.177	228.109							
274	C19-C15	51	335556	336	0	336	0.34	0.0039	0.63	0.079	400	700	OK	0.07	229.839	229.828	228.439	228.366							
275	C15-C2	31	67148	67	1504	1571	1.57	0.0182	0.63	0.079	400	700	OK	0.04	229.828	229.895	228.109	228.064							
276	C2-C1	30	93745	94	9107	9200	9.20	0.1065	0.68	0.134	500	800	OK	0.04	229.895	229.973	227.505	227.467							
277	C1-B36	60	155699	156	9200	9356	9.36	0.1083	0.68	0.134	500	800	OK	0.08	229.973	230.873	227.467	227.392							
278	B33- B34	15	83357	83	0	83	0.08	0.0010	0.63	0.079	400	700	OK	0.02	230.846	230.806	229.446	229.425							
279	B34- B35	37	85672	86	83	169	0.17	0.0020	0.63	0.079	400	700	OK	0.05	230.806	230.776	229.425	229.372							
280	B35- B36	39	90303	90	169	259	0.26	0.0030	0.63	0.079	400	700	OK	0.06	230.776	230.873	229.372	229.316							
281	B36-B15	176	1078537	1079	9615	10694	10.69	0.1238	0.68	0.134	500	800	OK	0.22	230.873	231.227	227.392	227.172	227.072						

FOR VATIKA LIMITED

Design Statement of Storm Water Drainage

Sr. No	Line No.	Length	Quantity Storm water accumulated	Quantity of Waste Water generated			Discharge		Velocity	Flow	Size of Storm line	Slope	Length of Storm line	Fall	Formation Level		Invert Level	
				Self	Branch	Total	MLD	Cum.							Upper end	Lower end	Upper end	Lower end
1	2	3	L	KLD	KLD	KLD	8	9	M/sec	Cum.	mm		M	M	M	M	M	M
282	B26- B27	50	4	5	6	7	0.16	0.0019	0.63	0.079	400	13	14	15	16	17	18	19
283	B27- B29	71	0	0	164	164	0.16	0.0019	0.63	0.079	400	700	50	0.07	231.304	231.325	229.904	229.833
284	B31- B30	24	92618	93	0	93	0.09	0.0011	0.63	0.079	400	700	71	0.10	231.325	231.247	229.833	229.731
285	B30- B29	40	92618	93	93	185	0.19	0.0021	0.63	0.079	400	700	40	0.06	231.151	231.196	229.751	229.660
286	B29- B21	53	307817	308	350	657	0.66	0.0076	0.63	0.079	400	700	53	0.08	231.247	231.328	229.660	229.584
287	B25- B21	64	756081	756	0	756	0.76	0.0088	0.63	0.079	400	700	64	0.09	231.343	231.328	229.943	229.852
288	B21- B20	44	173496	173	1414	1587	1.59	0.0184	0.63	0.079	400	700	44	0.06	231.328	231.337	229.584	229.521
289	B24- B20	45	217993	218	0	218	0.22	0.0025	0.63	0.079	400	700	45	0.06	231.347	231.337	229.947	229.883
290	B30- B20	92	448652	449	0	449	0.45	0.0052	0.63	0.079	400	700	92	0.13	231.197	231.337	229.797	229.665
291	B20- B19	47	167627	168	2254	2421	2.42	0.0280	0.63	0.079	400	700	47	0.07	231.337	231.345	229.521	229.454
292	B31- B19	131	625621	626	0	626	0.63	0.0072	0.63	0.079	400	700	131	0.19	231.152	231.345	229.752	229.565
293	B19- B18	40	126584	127	3047	3174	3.17	0.0367	0.63	0.079	400	700	40	0.06	231.345	231.353	229.454	229.397
294	B23- B18	71	340613	341	0	341	0.34	0.0039	0.63	0.079	400	700	71	0.10	231.376	231.353	229.976	229.875
295	B33- B18	149	733976	734	0	734	0.73	0.0085	0.63	0.079	400	700	149	0.21	230.846	231.353	229.446	229.233
296	B18- B17	41	126652	127	4248	4375	4.37	0.0506	0.63	0.079	400	700	41	0.06	231.353	231.359	229.233	229.175
297	B34- B17	157	791432	791	0	791	0.79	0.0092	0.63	0.079	400	700	157	0.22	230.806	231.359	229.406	229.182
298	B17- B16	39	146204	146	5166	5312	5.31	0.0615	0.63	0.079	400	700	39	0.06	231.359	231.369	229.175	229.119
299	B22- B16	60	267949	268	0	268	0.27	0.0031	0.63	0.079	400	700	60	0.09	231.247	231.369	229.847	229.761
300	B35- B16	182	881187	881	0	881	0.88	0.0102	0.63	0.079	400	700	182	0.26	230.776	231.369	229.376	229.116
301	B16- B15	36	186850	187	6462	6648	6.65	0.0769	0.63	0.079	400	700	36	0.05	231.369	231.227	229.116	229.065
302	B15- B14	42	115460	115	17342	17458	17.46	0.2021	0.72	0.205	600	900	42	0.05	231.227	231.218	227.072	227.026
303	B14- B7	53	289508	290	17458	17747	17.75	0.2054	0.76	0.293	700	1000	53	0.05	231.218	231.208	226.926	226.873
304	B12- B7	35	211564	212	0	212	0.21	0.0024	0.63	0.079	400	700	35	0.05	231.217	231.208	229.817	229.767
305	B7- B6	66	155136	155	17959	18114	18.11	0.2097	0.76	0.293	700	1000	66	0.07	231.208	231.195	226.873	226.807
306	B11- B6	50	322913	323	0	323	0.32	0.0037	0.63	0.079	400	700	50	0.07	231.206	231.195	229.806	229.735
307	B6- B5	31	74095	74	18437	18511	18.51	0.2142	0.76	0.293	700	1000	31	0.03	231.195	231.162	226.807	226.776
308	B10- B5	35	211564	212	0	212	0.21	0.0024	0.63	0.079	400	700	35	0.05	231.171	231.162	229.771	229.721
309	B5- B4	48	111142	111	18722	18834	18.83	0.2180	0.76	0.293	700	1000	48	0.05	231.162	231.113	226.776	226.728
310	B9- B4	35	211564	212	0	212	0.21	0.0024	0.63	0.079	400	700	35	0.05	231.126	231.113	229.726	229.676
311	B4- B3	31	172592	173	19045	19218	19.22	0.2224	0.76	0.293	700	1000	31	0.03	231.113	231.098	226.728	226.697
312	B8- B3	18	150322	150	0	150	0.15	0.0017	0.63	0.079	400	700	18	0.03	231.103	231.098	229.703	229.677

For VATIKA LIMITED

Design Statement of Storm Water Drainage

Sr. No	Line No.	Length	Quantity Storm water accumulated	Quantity of Waste Water generated			Discharge		Velocity	Flow	Size of Storm line	Slope	Length of Storm line	Fall	Formation Level		Invert Level							
				Self	Branch	Total	MLD	Cu.m.							M/sec	Cum.	mm	M	M	M	M	M	M	M
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20					
313	B3-B2	167	1113671	1114	19368	20482	20.48	0.2371	0.76	0.293	700	1000	OK	0.17	231.098	231.017	226.697	226.530						
314	B2-B1	17	34732	35	20482	20516	20.52	0.2375	0.76	0.293	700	1000	OK	0.02	231.017	231.237	226.530	226.513						
315	A6-A5	40	272806	273	0	273	0.27	0.0032	0.63	0.079	400	700	OK	0.06	230.243	230.232	228.843	228.786						
316	A5-A4	97	261021	261	273	534	0.53	0.0062	0.63	0.079	400	700	OK	0.14	230.232	230.213	228.786	228.647						
317	A4-A2	52	742760	743	534	1277	1.28	0.0148	0.63	0.079	400	700	OK	0.07	230.213	230.422	228.647	228.573						
318	A3-A2	64	1695019	1695	0	1695	1.70	0.0196	0.63	0.079	400	700	OK	0.09	230.669	230.422	229.269	229.177						
319	A2-A1	39	53256	53	2972	3025	3.02	0.0350	0.63	0.079	400	700	OK	0.06	230.422	230.613	228.573	228.517						
320	85A1-85B1	154	1593795	1594	3025	4619	4.62	0.0535	0.63	0.079	400	700	OK	0.22	230.613	231.237	228.517	228.297						
321	85B1-OUTFALL	30	0	0	25135	25135	25.14	0.2909	0.76	0.293	700	1000	OK	0.03	231.237	231.237	226.513	226.483						
322	83A36-	91	1342506	1343	0	1343	1.34	0.0155	0.63	0.079	400	700	OK	0.13	231.890	0.000	230.490	230.360						
323	A36-A38	21	63644	64	1343	1406	1.41	0.0163	0.63	0.079	400	700	OK	0.03	0.000	0.000	230.360	230.330						
324	A38-A40	37	258617	259	1406	1665	1.66	0.0193	0.63	0.079	400	700	OK	0.05	0.000	0.000	230.330	230.277						
325	A40-A51	26	60202	60	1665	1725	1.72	0.0200	0.63	0.079	400	700	OK	0.04	0.000	231.465	230.277	230.240						
326	A51-A41	140	1131519	1132	1725	2856	2.86	0.0331	0.63	0.079	400	700	OK	0.20	231.465	0.000	230.240	230.040						
327	E7-E7	34	1242702	1243	0	1243	1.24	0.0144	0.63	0.079	400	700	OK	0.05	231.643	230.675	230.243	230.194						
328	E7-A41	30	325427	325	1243	1568	1.57	0.0181	0.63	0.079	400	700	OK	0.04	230.675	0.000	230.194	230.152						
329	A41-E6	19	111349	111	4425	4536	4.54	0.0525	0.63	0.079	400	700	OK	0.03	0.000	230.240	230.040	230.013						
330	E6-E6	111	666281	666	0	666	0.67	0.0077	0.63	0.079	400	700	OK	0.16	0.474	230.240	-0.926	-1.084						
331	E6-A42	37	236347	236	5202	5439	5.44	0.0629	0.63	0.079	400	700	OK	0.05	230.240	231.768	-1.084	-1.137	-1.237					
332	A48-A49	26	876696	877	0	877	0.88	0.0101	0.63	0.079	400	700	OK	0.04	232.290	232.260	230.890	230.853						
333	A49-A50	162	965357	965	877	1842	1.84	0.0213	0.63	0.079	400	700	OK	0.23	232.260	232.098	230.853	230.621						
334	A50-A42	156	1153641	1154	1842	2996	3.00	0.0347	0.63	0.079	400	700	OK	0.22	232.098	231.768	230.621	230.398						
335	A42-A56	13	72377	72	8434	8507	8.51	0.0985	0.68	0.134	500	800	OK	0.02	231.768	231.219	-1.237	-1.253						
336	E3-A56	82	607786	608	0	608	0.61	0.0070	0.63	0.079	400	700	OK	0.12	231.750	231.219	230.350	230.233						
337	A56-A43	40	313752	314	9114	9428	9.43	0.1091	0.68	0.134	500	800	OK	0.05	231.219	231.179	-1.253	-1.303						
338	A58-A43	46	488318	488	0	488	0.49	0.0057	0.63	0.079	400	700	OK	0.07	0.000	231.179	-1.400	-1.466						

Design Statement of Storm Water Drainage

Sr. No	Line No.	Length	Quantity Storm water accumulated	Quantity of Waste Water generated			Discharge		Velocity	Flow	Size of Storm line	Slope	Length of Storm line		Fall	Formation Level		Invert Level				
				Self	Branch	Total	MLD	Cu.m.					M/sec	Cum.		mm	M	M	Upper end	Lower end	Upper end	Lower end
1	2	3	4	5	6	7	8	9	10	11	12	13	M	M	M	16	17	M	M			
339	A43-A57	10	32980	33	9917	9950	9.95	0.1152	0.68	0.134	500	800	OK	10	0.01	231.179	230.971	-1.466	-1.478			
340	A57-A44	46	291017	291	9950	10241	10.24	0.1185	0.68	0.134	500	800	OK	46	0.06	230.971	230.703	-1.478	-1.536			
341	A54-A44	91	568887	569	0	569	0.57	0.0066	0.63	0.079	400	700	OK	91	0.13	0.000	230.703	-1.400	-1.530			
342	A44-A45	57	306211	306	10809	11116	11.12	0.1287	0.68	0.134	500	800	OK	57	0.07	230.703	0.000	-1.536	-1.607			
343	A47-A46	44	386632	387	0	387	0.39	0.0045	0.63	0.079	400	700	OK	44	0.06	0.000	0.000	-1.400	-1.463			
344	B1-A46	48	347697	348	0	348	0.35	0.0040	0.63	0.079	400	700	OK	48	0.07	0.000	0.000	-1.400	-1.469			
345	A46-A45	71	917331	917	734	1652	1.65	0.0191	0.63	0.079	400	700	OK	71	0.10	0.000	0.000	-1.469	-1.570			
346	A45-B12	208	1880392	1880	12767	14648	14.65	0.1695	0.68	0.134	500	800	CHECK	208	0.26	0.000	230.438	-1.607	-1.867			
347	83E16-	110	692880	693	0	693	0.69	0.0080	0.63	0.079	400	700	OK	110	0.16	230.710	0.000	229.310	229.153			
348	E17-E15	81	508148	508	0	508	0.51	0.0059	0.63	0.079	400	700	OK	81	0.12	230.850	0.000	229.450	229.334			
349	E15-E5	65	350750	351	1201	1552	1.55	0.0180	0.63	0.079	400	700	OK	65	0.09	0.000	230.402	229.153	229.060			
350	E5-E5	107	1242702	1243	0	1243	1.24	0.0144	0.63	0.079	400	700	OK	107	0.15	231.294	230.402	229.894	229.742			
351	E5-E4	49	113458	113	2794	2908	2.91	0.0337	0.63	0.079	400	700	OK	49	0.07	230.402	0.000	229.060	228.990			
352	E6-E4	75	666281	666	0	666	0.67	0.0077	0.63	0.079	400	700	OK	75	0.11	0.394	0.000	-1.006	-1.113			
353	E4-E14	115	677686	678	3574	4252	4.25	0.0492	0.63	0.079	400	700	OK	115	0.16	0.000	0.000	-1.113	-1.277			
354	E14-E13	55	214416	214	4252	4466	4.47	0.0517	0.63	0.079	400	700	OK	55	0.08	0.000	0.000	-1.277	-1.356			
355	E13-E13	102	700961	701	0	701	0.70	0.0081	0.63	0.079	400	700	OK	102	0.15	230.093	0.000	228.693	228.547			
356	E13-E11	39	204451	204	5167	5372	5.37	0.0622	0.63	0.079	400	700	OK	39	0.06	0.000	0.000	-1.356	-1.411			
357	E12-E11	43	328444	328	0	328	0.33	0.0038	0.63	0.079	400	700	OK	43	0.06	229.988	0.000	228.588	228.527			
358	E11-E10	32	69464	69	5700	5770	5.77	0.0668	0.63	0.079	400	700	OK	32	0.05	0.000	0.000	-1.411	-1.457			
359	E8-E10	37	369930	370	0	370	0.37	0.0043	0.63	0.079	400	700	OK	37	0.05	0.000	0.000	-1.400	-1.453			
360	E2-E10	160	1012200	1012	6140	7152	7.15	0.0828	0.68	0.134	500	800	OK	160	0.20	0.000	0.000	-1.553	-1.753			
361	E2-E2	113	774810	775	0	775	0.77	0.0090	0.63	0.079	400	700	OK	113	0.16	229.893	0.000	228.493	228.331			
362	E2-E1	49	113458	113	7927	8040	8.04	0.0931	0.68	0.134	500	800	OK	49	0.06	0.000	0.000	-1.753	-1.814			
363	A44-E1	167	1321427	1321	0	1321	1.32	0.0153	0.63	0.079	400	700	OK	167	0.24	0.000	0.000	-1.400	-1.639			
364	E8-E1	125	993989	994	0	994	0.99	0.0115	0.63	0.079	400	700	OK	125	0.18	0.000	0.000	-1.400	-1.579			
365	83E1-	55	129666	130	10355	10485	10.49	0.1214	0.68	0.134	500	800	OK	55	0.07	0.000	230.438	-1.814	-1.883			
366	83B12-	18	133619	134	25133	25266	25.27	0.2924	0.76	0.293	700	1000	OK	18	0.02	230.438	229.738	-2.083	-2.101			
367	83C13-C6	180	1468547	1469	0	1469	1.47	0.0170	0.63	0.079	400	700	OK	180	0.26	228.747	228.747	227.347	227.090			
368	C6-C7	58	133421	133	1469	1602	1.60	0.0185	0.63	0.079	400	700	OK	58	0.08	228.747	0.000	227.090	227.007			
																			226.907			

Design Statement of Storm Water Drainage

Sr. No	Line No.	Length	Quantity Storm water accumulated	Quantity of Waste Water generated			Discharge		Velocity	Flow	Size of Storm line	Slope	Length of Storm line	Fall	Formation Level		Invert Level		
				Self	Branch	Total	MLD	Cum.							Upper end	Lower end	Upper end	Lower end	
1	2	3	L	5	6	7	8	9	10	11	mm	13	14	15	16	17	18	19	20
369	C12-C8	117	4686593	4687	0	4687	4.69	0.0542	0.63	0.079	400	700	OK	0.17	228.334	0.000	226.934	226.767	
370	C8-C7	25	188553	189	4687	4875	4.88	0.0564	0.63	0.079	400	700	OK	0.04	0.000	0.000	226.767	226.731	
371	C7-C10	80	346255	346	6477	6823	6.82	0.0790	0.68	0.134	500	800	OK	0.10	0.000	0.000	226.731	226.631	
372	C11-C10	61	356318	356	0	356	0.36	0.0041	0.63	0.079	400	700	OK	0.09	235.243	0.000	233.843	233.756	
373	C10-83B12	215	1341146	1341	7180	8521	8.52	0.0986	0.68	0.134	500	800	OK	0.27	0.000	229.738	226.631	226.362	226.062
374	83B12-	23	53256	53	33787	33840	33.84	0.3917	0.79	0.399	800	1100	OK	0.02	229.738	228.529	-2.101	-2.122	
375	B13-B14	43	324384	324	33840	34165	34.16	0.3954	0.79	0.399	800	1100	OK	0.04	228.529	229.716	-2.122	-2.161	-2.261
376	B14-B17	55	517124	517	34165	34682	34.68	0.4014	0.82	0.523	900	1200	OK	0.05	229.716	229.494	-2.261	-2.307	
377	B17-B27	11	18524	19	34682	34701	34.70	0.4016	0.82	0.523	900	1200	OK	0.01	229.494	229.277	-2.307	-2.316	
378	B27-B19	52	633501	634	34701	35334	35.33	0.4090	0.82	0.523	900	1200	OK	0.04	229.277	229.332	-2.316	-2.359	
379	B19-B21	41	265190	265	35334	35599	35.60	0.4120	0.82	0.523	900	1200	OK	0.03	229.332	229.646	-2.359	-2.393	
380	B21-B22	14	32416	32	35599	35632	35.63	0.4124	0.82	0.523	900	1200	OK	0.01	229.646	229.806	-2.393	-2.405	
381	83B22-	51	201445	201	35632	35833	35.83	0.4147	0.82	0.523	900	1200	OK	0.04	229.806	229.906	-2.405	-2.448	
382	83B2-83B3	22	173057	173	0	173	0.17	0.0020	0.63	0.079	400	700	OK	0.03	230.760	230.760	229.360	229.328	
383	B3-B4	56	178228	178	173	351	0.35	0.0041	0.63	0.079	400	700	OK	0.08	230.760	0.000	229.328	229.248	
384	B6-B4	57	380599	381	0	381	0.38	0.0044	0.63	0.079	400	700	OK	0.07	230.749	0.000	229.349	229.268	
385	B4-B5	85	180606	181	732	912	0.91	0.0106	0.63	0.079	400	700	OK	0.12	0.000	230.018	229.248	229.127	
386	B5-83B'5	244	1751445	1751	912	2664	2.66	0.0308	0.63	0.079	400	700	OK	0.35	230.018	229.906	229.127	228.778	
387	83B'5- OUTFALL 7	30	0	0	38497	38497	38.50	0.4456	0.82	0.523	900	1200	OK	0.03	229.906	229.906	-2.448	-2.473	
388	84E3-84E2	49	275637	276	0	276	0.28	0.0032	0.63	0.079	400	700	OK	0.07	228.124	228.114	226.724	226.654	
389	E4-E2	29	136245	136	0	136	0.14	0.0016	0.63	0.079	400	700	OK	0.04	228.120	228.114	226.720	226.678	
390	E2-E1	21	118124	118	412	530	0.53	0.0061	0.63	0.079	400	700	OK	0.21	228.110	228.110	226.654	226.624	
391	E1-A7	59	136612	137	530	667	0.67	0.0077	0.63	0.079	400	700	OK	0.08	228.110	228.375	226.624	226.540	
392	A7-D23	92	730736	731	667	1397	1.40	0.0162	0.63	0.079	400	700	OK	0.13	228.375	228.092	226.540	226.408	
393	D23-D7	74	207766	208	1397	1605	1.61	0.0186	0.63	0.079	400	700	OK	0.11	228.092	228.934	226.408	226.303	
394	D20-D7	75	501072	501	0	501	0.50	0.0058	0.63	0.079	400	700	OK	0.11	228.918	228.934	227.518	227.411	
395	D7-D21	23	50940	51	2106	2157	2.16	0.0250	0.63	0.079	400	700	OK	0.03	228.934	228.956	226.303	226.270	

Design Statement of Storm Water Drainage

Sr. No	Line No.	Length	Quantity Storm water accumulated	Quantity of Waste Water generated			Discharge	Velocity	Flow	Size of Storm line	Slope	Length of Storm line		Fall	Formation Level			Invert Level		
				Self	Branch	Total						M	M		Upper end	Lower end	Upper end	Lower end	Upper end	Lower end
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
396	D21-D'22	165	753891	754	2157	2911	2.91	0.0337	0.63	0.079	400	700	OK	0.24	228.956	229.390	226.270	226.034		
397	D5-D'22	37	253019	253	0	253	0.25	0.0029	0.63	0.079	400	700	OK	0.05	228.930	229.390	227.530	227.477		
398	D'22-D18	44	101880	102	3164	3266	3.27	0.0378	0.63	0.079	400	700	OK	0.06	229.390	229.750	226.034	225.971	225.871	
399	84A'13-A12	9	118425	118	0	118	0.12	0.0014	0.63	0.079	400	700	OK	0.01	229.728	229.724	228.328	228.315		
400	A'12-A12	50	295076	295	0	295	0.30	0.0034	0.63	0.079	400	700	OK	0.07	229.735	229.724	228.335	228.263		
401	A12-A11	53	913376	913	414	1327	1.33	0.0154	0.63	0.079	400	700	OK	0.08	229.724	229.717	228.263	228.188		
402	A11-A1	153	888244	888	1327	2215	2.22	0.0256	0.63	0.079	400	700	OK	0.22	229.717	229.688	228.188	227.969		
403	A1-A2	42	331497	331	2215	2547	2.55	0.0295	0.63	0.079	400	700	OK	0.06	229.688	229.495	227.969	227.909		
404	A'2-A2	54	472658	473	0	473	0.47	0.0055	0.63	0.079	400	700	OK	0.08	229.507	229.495	228.107	228.030		
405	D1-A2	23	223164	223	0	223	0.22	0.0026	0.63	0.079	400	700	OK	0.03	229.505	229.495	228.105	228.072		
406	A2-D2	74	232297	232	3242	3475	3.47	0.0402	0.63	0.079	400	700	OK	0.11	229.495	229.580	221.909	227.803		
407	D2-D19	110	1511822	1512	3475	4987	4.99	0.0577	0.63	0.079	400	700	OK	0.16	229.580	229.735	227.803	227.646		
408	D19-D18	131	1641826	1642	4987	6628	6.63	0.0767	0.63	0.079	400	700	OK	0.19	229.735	229.750	227.646	227.459		
409	D3-D18	130	761198	761	0	761	0.76	0.0088	0.63	0.079	400	700	OK	0.19	229.777	229.750	228.377	228.192		
410	D6-D18	40	221656	222	0	222	0.22	0.0026	0.63	0.079	400	700	OK	0.06	229.760	229.750	228.360	228.303		
411	D18-D17	47	256104	256	10877	11133	11.13	0.1289	0.68	0.134	500	800	OK	0.06	229.750	229.740	225.871	225.813	225.713	
412	D4-84D17	140	1029871	1030	0	1030	1.03	0.0119	0.63	0.079	400	700	OK	0.20	229.773	229.740	228.373	228.173		
413	84D17-OUTFALL	30	166713	167	12163	12330	12.33	0.1427	0.72	0.205	600	900	OK	0.03	229.740	229.740	225.713	225.679		
		28738	221792961	221793																

For VATIKA LIMITED

Alley
Authorised signatory

Appurtenances of Storm Water

Sr. No	Line No.	Length	Storm Pipe Line 400 mm i/d		Storm Pipe Line 500 mm i/d		Storm Pipe Line 600 mm i/d		Storm Pipe Line 700 mm i/d		Storm Pipe Line 800 mm i/d		Storm Pipe Line 900 mm i/d		Storm Pipe Line 1000 mm i/d		Storm Pipe Line 1100 mm i/d		Storm Pipe Line 1200 mm i/d	
			Length	M	Length	M	Length	M	Length	M	Length	M	Length	M	Length	M	Length	M	No.	No.
1	2	3	4	6	8	10	12	14	14	16	16	18	19	20	21	22	23	24	25	26
1	83E30-	28	28	✓								1								
2	E34-E29	50	50	✓								3								
3	E29-E27	71	71	✓								4								
4	E33-E27	87	87	✓								4								
5	E28-E26	81	81	✓								4								
6	E26-E27	68	68	✓								3								
7	E27-E21	158	158	✓								8								
8	E20-E21	36	36	✓								2								
9	E22-E21	36	36	✓									2							
10	A22-E22	78	78	✓									4							
11	A21-A22	76	76	✓								4								
12	A22-E23	26	26	✓									1							
13	E25-E23	29	29	✓									1							
14	A14-E25	86	86	✓									4							
15	A60-A59	100	100	✓								5								
16	A59-A14	131	131	✓								7								
17	A11-A14	56			56									3						
18	A10-A11	181			181							2		9						
19	A13-A10	40	40	✓																
20	83A2-83A5	44	44	✓								2								
21	A5-A4	199	199	✓								10								
22	A8-A4	53	53	✓								3								
23	A4-A4	25	25	✓								1								
24	A4-A7	56	56	✓								3								
25	A20-A7	62	62	✓								3								
26	A7-A7	92	92	✓								5								
27	A7-A10	53		53									3							
28	A9-A10	181				181									9					

FOR VATIKA LIMITED

For VATIKA LIMITED

Appurtenances of Storm Water

Sr. No	Line No.	Length	Storm Pipe										No of Mahole									
			Storm Pipe Line 400 mm i/d	Length	Storm Pipe Line 500 mm i/d	Length	Storm Pipe Line 600 mm i/d	Length	Storm Pipe Line 700 mm i/d	Length	Storm Pipe Line 800 mm i/d	Length	Storm Pipe Line 900 mm i/d	Length	Storm Pipe Line 1000 mm i/d	Length	Storm Pipe Line 1100 mm i/d	Length	Storm Pipe Line 1200 mm i/d	Length	Storm Pipe Line 1300 mm i/d	Length
1	2	3	M	4	M	6	M	8	M	10	M	12	M	14	M	16	M	18	M	20	M	22
29	A3-A3	32	✓	32	✓	32	✓	32	✓	32	✓	32	✓	32	✓	32	✓	32	✓	32	✓	32
30	A3-A6	56	✓	56	✓	56	✓	56	✓	56	✓	56	✓	56	✓	56	✓	56	✓	56	✓	56
31	A20-A6	41	✓	41	✓	41	✓	41	✓	41	✓	41	✓	41	✓	41	✓	41	✓	41	✓	41
32	A6-A9	53	✓	53	✓	53	✓	53	✓	53	✓	53	✓	53	✓	53	✓	53	✓	53	✓	53
33	A18-A15	25	✓	25	✓	25	✓	25	✓	25	✓	25	✓	25	✓	25	✓	25	✓	25	✓	25
34	A16-A15	32	✓	32	✓	32	✓	32	✓	32	✓	32	✓	32	✓	32	✓	32	✓	32	✓	32
35	A15-A12	53	✓	53	✓	53	✓	53	✓	53	✓	53	✓	53	✓	53	✓	53	✓	53	✓	53
36	A19-A12	51	✓	51	✓	51	✓	51	✓	51	✓	51	✓	51	✓	51	✓	51	✓	51	✓	51
37	A12-A9	56	✓	56	✓	56	✓	56	✓	56	✓	56	✓	56	✓	56	✓	56	✓	56	✓	56
38	83A9-OUTFALL	30		30		30		30		30		30		30		30		30		30		30
39	82A31'	66	✓	66	✓	66	✓	66	✓	66	✓	66	✓	66	✓	66	✓	66	✓	66	✓	66
40	A34-A33	12	✓	12	✓	12	✓	12	✓	12	✓	12	✓	12	✓	12	✓	12	✓	12	✓	12
41	A33-A35	50	✓	50	✓	50	✓	50	✓	50	✓	50	✓	50	✓	50	✓	50	✓	50	✓	50
42	A37-A36	14	✓	14	✓	14	✓	14	✓	14	✓	14	✓	14	✓	14	✓	14	✓	14	✓	14
43	A36-A35	50	✓	50	✓	50	✓	50	✓	50	✓	50	✓	50	✓	50	✓	50	✓	50	✓	50
44	A35-A32	55	✓	55	✓	55	✓	55	✓	55	✓	55	✓	55	✓	55	✓	55	✓	55	✓	55
45	A49-A31	26	✓	26	✓	26	✓	26	✓	26	✓	26	✓	26	✓	26	✓	26	✓	26	✓	26
46	A31-A32	55	✓	55	✓	55	✓	55	✓	55	✓	55	✓	55	✓	55	✓	55	✓	55	✓	55
47	A32-A6	44	✓	44	✓	44	✓	44	✓	44	✓	44	✓	44	✓	44	✓	44	✓	44	✓	44
48	A37-A37	84	✓	84	✓	84	✓	84	✓	84	✓	84	✓	84	✓	84	✓	84	✓	84	✓	84
49	A37-A6	12	✓	12	✓	12	✓	12	✓	12	✓	12	✓	12	✓	12	✓	12	✓	12	✓	12
50	A6-A5	71	✓	71	✓	71	✓	71	✓	71	✓	71	✓	71	✓	71	✓	71	✓	71	✓	71
51	A61-A5	25	✓	25	✓	25	✓	25	✓	25	✓	25	✓	25	✓	25	✓	25	✓	25	✓	25
52	A17-A5	71	✓	71	✓	71	✓	71	✓	71	✓	71	✓	71	✓	71	✓	71	✓	71	✓	71

For VATIKA LIMITED

Authorised Signatory

Appurtenances of Storm Water

Sr. No	Line No.	Length	Storm Pipe Line 400 mm i/d		Storm Pipe Line 500 mm i/d		Storm Pipe Line 600 mm i/d		Storm Pipe Line 700 mm i/d		Storm Pipe Line 800 mm i/d		Storm Pipe Line 900 mm i/d		Storm Pipe Line 1000 mm i/d		Storm Pipe Line 1100 mm i/d		Storm Pipe Line 1200 mm i/d		No of Mahole													
			Length	M	Length	M	Length	M	Length	M	Length	M	Length	M	Length	M	Length	M	Length	M	400 mm i/d	500 mm i/d	600 mm i/d	700 mm i/d	800 mm i/d	900 mm i/d	1000 mm i/d	1100 mm i/d	1200 mm i/d					
1	2	3	4	✓	6	✓	8	✓	10	✓	12	✓	14	✓	16	✓	18	✓	19	✓	20	✓	21	✓	22	✓	23	✓	24	✓	25	✓	26	✓
53	A16-A17	36	36	✓																														
54	A20-A15	13	13	✓																														
55	A21-A20	7	7	✓																														
56	A20-A16	71	71	✓																														
57	A15-A16	78	78	✓																														
58	A15-A14	27	27	✓																														
59	A4-A14	51	51	✓																														
60	A14-A10	99				99																												
61	A28-A27	76	76	✓																														
62	A27-A26	73	73	✓																														
63	A26-A25	79	79	✓																														
64	A25-A24	64	64	✓																														
65	A24-A23	102	102	✓																														
66	A23-A22	86	86	✓																														
67	A22-A10	90	90	✓																														
68	A10-A9	67					67																											
69	A8-A9	20	20	✓																														
70	A9-A58	97					97																											
71	A58-A3	71					71																											
72	A3-A2	7					7																											
73	A2-A1	56					56																											
74	82A55-A1	116	116	✓																														
	82A46-	39	39	✓																														
	82A45-	10	10	✓																														
	82A63-	70	70	✓																														
	82A44-	63	63	✓																														
	82A62-	11	11	✓																														
	82A64-	84	84	✓																														
	82A43-	30	30	✓																														

For VAIXAL LIMITED

For VATIKA LIMITED

Appurtenances of Storm Water

Sr. No	Line No.	Length	Storm Pipe Line 400	Storm Pipe Line 500	Storm Pipe Line 600	Storm Pipe Line 700	Storm Pipe Line 800	Storm Pipe Line 900	Storm Pipe Line 1000	Storm Pipe Line 1100	Storm Pipe Line 1200	No of Mahole								
			mm i/d	mm i/d	mm i/d	mm i/d	mm i/d	mm i/d	mm i/d	mm i/d	mm i/d	mm i/d	mm i/d	400 mm i/d	500 mm i/d	600 mm i/d	700 mm i/d	800 mm i/d	900 mm i/d	1000 mm i/d
1	2	3	M 4	M 6	M 8	M 10	M 12	M 14	M 14	M 16	M 16	No. 18	No. 19	No. 20	No. 21	No. 22	No. 23	No. 24	No. 25	No. 26
75	82A7-A1	55	55 ✓									3								
76	82A1-OUTFALL	30				30 ✓									2					
77	82B24-	41	41 ✓									2								
78	B23- B3	225	225 ✓									11								
79	B24'- B4	172	172 ✓									9								
80	B4-B3	54	54 ✓									3								
81	B3-B2	57	57 ✓									3								
82	B6-B2	55	55 ✓									3								
83	B2-E3	68	68 ✓									3								
84	E4- E5	43	43 ✓									2								
85	E3- E4	55	55 ✓									3								
86	82B17-	19	19 ✓									1								
87	B16-B15	119	119 ✓									6								
88	B15-E1	209	209 ✓									10								
89	E1-E2	54	54 ✓									3								
90	B1-E2	106	106 ✓									5								
91	E2-E3	54	54 ✓									3								
92	E3- E12	127		127 ✓									6							
93	E12- E14'	44	44 ✓									2								
94	82E10-	239	239 ✓									12								
95	E16-E17.	70	70 ✓									4								
96	E17-E11	144	144 ✓									7								
97	E27-E11	14	14 ✓									1								
98	E11-E11	90	90 ✓									5								

For VATIKA LIMITED

ky Consultants Pvt Ltd

Sheet No:-20

Authorised Signatory

Appurtenances of Storm Water

Sr. No	Line No.	Length	Storm Pipe Line 400 mm i/d		Storm Pipe Line 500 mm i/d		Storm Pipe Line 600 mm i/d		Storm Pipe Line 700 mm i/d		Storm Pipe Line 800 mm i/d		Storm Pipe Line 900 mm i/d		Storm Pipe Line 1000 mm i/d		Storm Pipe Line 1100 mm i/d		Storm Pipe Line 1200 mm i/d		No of Mahole					
			Length	M	Length	M	Length	M	Length	M	Length	M	Length	M	Length	M	Length	M	400 mm i/d	500 mm i/d	600 mm i/d	700 mm i/d	800 mm i/d	900 mm i/d	1000 mm i/d	1100 mm i/d
1	2	3	4	6	8	10	12	14	14	16	16	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
99	E11- E12	55	55									3														
100	E'18- E12	130			130																					
101	E'18-E19	88			88																					
102	E5"-E15	81	81									4														
103	E'20-E15	133	133									7														
104	E15-E14	54	54									3														
105	E4'-E14	84	84									4														
106	E14-E19	180	180									9														
107	82E19-	70				70																				
108	82E26-	64	64									3														
109	82E24- OUTFALL	30				30																				
110	83A35-	62	62									3														
111	A'32-A31	55	55									3														
112	A31-A34	61	61									3														
113	A33-A34	73	73									4														
114	83A34-	135	135									7														
115	83A29- OUTFALL	30	30									2														
116	82B21-	109	109																							
117	B22-B27	58	58									5														
118	B28- B27	81	81									3														
119	B27- B26	47	47									4														
120	B34- B26	113	113									2														
121	B26-B25	10	10									6														
122	B23'- B25	62	62									1														
												3														

For VATIKA LIMITED

For VATIKA LIMITED