

Sector-82 VATIKA (Gurgaon) Design Statement of Roads

Sr No.	Name of Road	Length of Road	Width of Road	Natural Surface Levels		Slope Character	Longitudinal Slope	Formation Levels		Quantity	Earthwork in Filling	Excavation in Cutting	Length of Roads			
				Upstream Level	Downstream Level			Upstream Level	Down stream Level				12 M Wide Road	15 M Wide Road	18 M Wide Road	24 M Wide Road
1	2	m	m	5	6	7	8	9	10	14	15	16	m	m	m	m
1	B12-B11	133	24	234.100	234.130	-1	1000	234.563	234.430	1219.11	1219.11	0.00				133
2	B11-B10	60	24	234.130	234.130	-1	4000	234.430	234.415	421.81	421.81	0.00				60
3	B10-B9	57	24	234.130	233.900	-1	300	234.415	234.225	417.82	417.82	0.00				57
4	B9-B8	88	24	233.900	233.750	-1	450	234.225	234.030	639.19	639.19	0.00				88
5	B8-B7	62	24	233.750	234.000	-1	1250	234.030	233.980	193.54	193.54	0.00				62
6	B7-B5	195	24	234.000	233.430	-1	625	233.980	233.668	511.38	511.38	0.00				195
7	B5-E6	69	24	233.430	233.250	-1	600	233.668	233.553	448.40	448.40	0.00				69
8	E6-E5	13	24	233.250	233.350	1	200	233.553	233.618	89.16	89.16	0.00				13
9	E5-E4	55	24	233.350	233.600	1	175	233.618	233.933	396.55	396.55	0.00				55
10	E4-E3	56	24	233.600	234.050	1	200	233.933	234.213	332.71	332.71	0.00				56
11	E3-E2	34	24	234.050	234.160	1	125	234.213	234.485	198.74	198.74	0.00				34
12	E2-E1	77	24	234.160	234.300	1	350	234.485	234.705	673.70	673.70	0.00				77
13	C20-C18	82	24	231.250	231.250	1	475	232.018	232.191	1681.12	1681.12	0.00				82
14	C18-C16	43	24	231.250	231.750	1	475	232.191	232.281	759.35	759.35	0.00				43
15	C48-C7	20	24	232.250	232.380	1	150	232.907	233.040	316.02	316.02	0.00				20
16	C7-C5	74	24	232.380	233.000	1	275	233.040	233.309	860.61	860.61	0.00				74
17	C4-C2	58	24	233.250	233.450	1	225	233.553	233.811	462.04	462.04	0.00				58
18	C1-B11	60	24	233.750	234.130	1	180	234.104	234.437	476.37	476.37	0.00				60
19	C10-F30	31	24	232.000	232.000	-1	600	232.788	232.736	566.91	566.91	0.00				31
20	F30-F31	40	24	232.000	232.250	-1	600	232.736	232.669	554.69	554.69	0.00				40

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				Upstream Level	Downstream Level			Upstream Level	Down stream Level				12 M Wide Road	15 M Wide Road	18 M Wide Road	24 M Wide Road
21	F28-F27	168	24	232.250	232.000	-1	600	232.669	232.389	1630.84	1630.84	0.00				
22	F27-F8	45	24	232.000	232.000	-1	600	232.389	232.314	380.13	380.13	0.00				168
23	F8-D'1	62	24	232.000	232.000	-1	600	232.314	232.211	391.06	391.06	0.00				45
24	D2-D'3	68	24	232.000	232.000	-1	600	232.211	232.098	252.10	252.10	0.00				62
25	D'13-D'12	45	24	231.250	231.250	-1	600	232.098	232.023	875.13	875.13	0.00				68
26	E6-E'7	123	24	233.250	232.750	-1	400	233.553	233.246	1179.38	1179.38	0.00				45
27	B7-F1	60	18	234.000	233.810	-1	625	233.980	233.884	29.45	29.45	0.00			60	
28	F1-F2	56	18	233.810	233.500	-1	675	233.884	233.801	189.29	189.29	0.00			56	
29	F1-F9	195	12	233.810	232.250	-1	575	233.884	233.545	1602.21	1602.21	0.00	195			
30	F9-B5	60	15	232.250	233.430	1	475	233.545	233.671	691.47	691.47	0.00		60		
31	F2-F14	172	15	233.500	233.150	-1	600	233.801	233.515	859.07	859.07	0.00		172		
32	F14-F15	56	12	233.150	233.900	-1	225	233.515	233.266	90.59	0.00	90.59	56			
33	F14-F10	35	15	233.150	233.000	-1	550	233.515	233.451	214.11	214.11	0.00		35		
34	F11-F18	120	12	232.750	232.850	1	600	233.323	233.323	896.68	896.68	0.00	120			
35	F18-F19	30	15	232.850	232.700	1	1100	233.523	233.550	342.60	342.60	0.00		30		
36	F2-F3	56	18	233.500	233.150	-1	225	233.801	233.552	354.68	354.68	0.00			56	
37	F3-F15	172	12	233.150	233.900	-1	600	233.552	233.266	239.25	0.00	239.25	172			
38	F15-F16	56	12	233.900	232.800	1	250	233.266	233.490	18.65	18.65	0.00	56			
39	F16-F17	15	15	232.800	232.850	1	500	233.490	233.520	152.94	152.94	0.00		15		
40	F16-F18	9	12	232.800	232.850	1	300	233.490	233.520	73.41	73.41	0.00	9			

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				Upstream Level	Downstream Level			Upstream Level	Down stream Level				12 M Wide Road	15 M Wide Road	18 M Wide Road	24 M Wide Road
		m	m					m	m	cu.m	cu.m	cu.m	m	m	m	m
41	F3-F4	16	18	233.150	233.100	-1	200	233.552	233.472	111.58	111.58	0.00			16	
42	F4-F12	67	12	233.100	233.100	1	850	233.472	233.551	331.11	331.11	0.00	67			
43	F4- F5	27	18	233.100	233.000	-1	250	233.472	233.364	179.05	179.05	0.00			27	
44	F5- F6	75	18	233.000	232.750	-1	225	233.364	233.031	435.71	435.71	0.00			75	
45	F5-F20	23	12	233.000	233.000	-1	525	233.364	233.321	94.53	94.53	0.00	23			
46	F20-F21	106	12	233.000	232.750	-1	500	233.321	233.109	431.98	431.98	0.00	106			
47	F21-F22	10	12	232.750	232.750	1	2000	233.109	233.114	43.33	43.33	0.00	10			
48	F21-F6	61	12	232.750	232.750	-1	775	233.109	233.030	233.69	233.69	0.00	61			
49	F6-F23	57	12	232.750	232.750	1	625	233.030	233.121	222.64	222.64	0.00	57			
50	F23-F24	116	12	232.750	232.380	1	775	233.121	233.271	878.27	878.27	0.00	116			
51	F6- F7	132	18	232.750	232.250	-1	225	233.030	232.443	562.08	562.08	0.00			132	
52	F7- F8	61	18	232.250	232.000	-1	475	232.443	232.315	278.92	278.92	0.00			61	
53	F7-F26	82	12	232.250	232.250	1	775	232.443	232.549	242.20	242.20	0.00	82			
54	F7-F25	40	12	232.250	232.100	1	675	232.443	232.502	142.97	142.97	0.00	40			
55	B8-F33	40	12	233.750	233.650	1	1000	234.030	234.070	167.94	167.94	0.00	40			
56	B10-F32	89	12	234.130	233.500	-1	500	234.415	234.237	546.20	546.20	0.00	89			
57	F32-F35	34	12	233.500	233.500	-1	800	234.237	234.195	292.20	292.20	0.00	34			
58	F35-C1	72	12	233.500	233.750	-1	800	234.195	234.105	453.54	453.54	0.00	72			
59	F35-C2	34	12	233.500	233.450	-1	90	234.195	233.817	216.66	216.66	0.00	34			
60	C21-C21	11	12	233.750	233.750	1	5000	234.322	234.319	75.31	75.31	0.00	11			
61	C21-C1	164	12	233.750	233.750	-1	750	234.319	234.101	905.46	905.46	0.00	164			

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				Upstream Level	Downstream Level			Upstream Level	Down stream Level				12 M Wide Road	15 M Wide Road	18 M Wide Road	24 M Wide Road
		m	m					m	m	cu.m	cu.m	cu.m	m	m	m	m
62	C21-C22	66	12	233.750	233.250	-1	250	234.319	234.055	544.44	544.44	0.00	66			
63	C22-C23	46	15	233.250	233.450	1	10000	234.055	234.060	488.33	488.33	0.00		46		
64	C22-C24	34	12	233.250	233.100	-1	110	234.055	233.746	296.16	296.16	0.00	34			
65	C24-C42	94	12	233.100	233.000	1	3000	233.746	233.778	803.14	803.14	0.00	94			
66	C42-C43	56	12	233.000	233.500	1	3000	233.778	233.796	360.86	360.86	0.00	56			
67	C43-C43	52	15	233.500	233.450	1	3000	233.796	233.814	257.40	257.40	0.00		52		
68	C42-C44	81	12	233.000	233.250	-1	450	233.778	233.598	546.91	546.91	0.00	81			
69	C44-C45	36	12	233.250	233.000	-1	350	233.598	233.495	181.98	181.98	0.00	36			
70	C45-C46	29	12	233.000	233.250	1	5000	233.495	233.501	129.70	129.70	0.00	29			
71	C45-C26	42	12	233.000	233.000	-1	300	233.495	233.355	214.10	214.10	0.00	42			
72	C26-C25	67	15	233.000	232.750	-1	2000	233.355	233.321	465.38	465.38	0.00		67		
73	C26-C27	50	12	233.000	232.750	1	5000	233.355	233.365	290.89	290.89	0.00	50			
74	C25-C47	125	12	232.750	232.500	-1	375	233.321	232.988	794.47	794.47	0.00	125			
75	C47-C7	76	15	232.500	232.380	1	1450	232.988	233.040	654.57	654.57	0.00		76		
76	C48-C8	37	12	232.250	232.250	-1	600	232.907	232.845	277.89	277.89	0.00	37			
77	C8-F29	76	12	232.250	232.250	1	5000	232.845	232.860	549.60	549.60	0.00	76			
78	C8-F30	67	12	232.250	232.000	-1	600	232.845	232.733	534.02	534.02	0.00	67			
79	C30-C30	28	12	232.700	232.500	1	5000	232.959	232.954	119.75	119.75	0.00	28			
80	C30-C31	57	12	232.500	232.300	-1	250	232.954	232.726	300.69	300.69	0.00	57			
81	C30-C49	98	15	232.500	232.500	1	5000	232.954	232.973	681.20	681.20	0.00		98		
82	C49-C33	63	15	232.500	232.300	-1	1600	232.973	232.934	523.07	523.07	0.00		63		
83	C48-C33	130	12	232.250	232.300	1	4700	232.907	232.934	1007.03	1007.03	0.00	130			
84	C33-C50	94	12	232.300	232.300	-1	300	232.934	232.620	538.23	538.23	0.00	94			

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				Upstream Level	Downstream Level			Upstream Level	Down stream Level				12 M Wide Road	15 M Wide Road	18 M Wide Road	24 M Wide Road
		m	m					m	m	cu.m	cu.m	cu.m	m	m	m	m
85	C31-C32	70	12	232.300	232.250	1	5000	232.726	232.740	384.38	384.38	0.00	70			
86	C31-C34	57	12	232.300	232.000	-1	275	232.726	232.518	322.82	322.82	0.00	57			
87	C34-C50	83	15	232.000	232.000	1	825	232.518	232.619	707.94	707.94	0.00	83			
88	C50-C51	94	15	232.000	232.000	1	1000	232.619	232.713	938.97	938.97	0.00	94			
89	C34-C35	62	12	232.000	231.750	-1	205	232.518	232.216	366.13	366.13	0.00	62			
90	C50-C35	70	12	232.300	231.750	-1	175	232.619	232.219	330.90	330.90	0.00	70			
91	C35-C12	188	12	231.750	231.750	1	500	232.216	232.592	1475.17	1475.17	0.00	188			
92	C35-C36	68	12	231.750	231.750	1	3000	232.216	232.239	389.41	389.41	0.00	68			171
93	C36-C14	171	24	231.750	231.800	1	1000	232.239	232.410	2253.32	2253.32	0.00				
94	C36-C38	86	12	231.750	231.550	-1	300	232.239	231.952	459.47	459.47	0.00	86			
95	C38-C52	18	24	231.550	231.250	1	1050	231.952	231.969	242.12	242.12	0.00				18
96	C52-C16	226	24	231.250	231.750	1	725	231.969	232.281	3389.42	3389.42	0.00				226
97	C38-C40	63	12	231.550	231.120	-1	350	231.952	231.772	398.33	398.33	0.00	63			
98	C52-C53	71	12	231.250	231.000	1	3000	231.969	231.993	729.20	729.20	0.00	71			
99	C53-C53	148	12	231.000	231.250	1	3000	231.993	232.042	1584.84	1584.84	0.00	148			
100	C20-C54	95	12	231.250	231.000	-1	700	232.018	231.882	940.56	940.56	0.00	95			
101	C54-C41	143	12	231.000	230.750	-1	650	231.882	231.662	1539.59	1539.59	0.00	143			
102	F30-D20	46	12	232.000	232.000	-1	1500	232.736	232.705	397.89	397.89	0.00	46			
103	D20-D38	166	12	232.000	232.000	1	2500	232.705	232.772	1471.44	1471.44	0.00	166			
104	D38-D22	67	12	232.000	232.000	1	900	232.772	232.846	650.51	650.51	0.00	67			
105	D22-F27	42	12	232.000	232.000	-1	90	232.846	232.380	308.94	308.94	0.00	42			

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				Upstream Level	Downstream Level			Upstream Level	Down stream Level				12 M Wide Road	15 M Wide Road	18 M Wide Road	24 M Wide Road
		m	m					m	m	cu.m	cu.m	cu.m	m	m	m	m
106	F28-F36	67	12	232.250	232.250	1	350	232.669	232.861	414.21	414.21	0.00	67			
107	F36-F34	51	12	232.250	232.000	1	5000	232.861	232.871	453.49	453.49	0.00	51			
108	D38-D39	62	12	232.000	231.750	1	6000	232.772	232.782	671.12	671.12	0.00	62			
109	D39-D40	72	12	231.750	232.000	1	6000	232.782	232.794	789.01	789.01	0.00	72			
110	D20-D23	69	12	232.000	232.000	1	1000	232.705	232.774	612.70	612.70	0.00	69			
111	D23-D24	73	12	232.000	232.000	1	4000	232.774	232.793	686.43	686.43	0.00	73			
112	D23-D26	142	12	232.000	231.750	-1	325	232.774	232.338	1160.44	1160.44	0.00	142			
113	C16-D26	20	12	231.750	231.750	-1	350	232.338	232.280	134.15	134.15	0.00	20			
114	D26- D27	48	12	231.750	231.750	-1	2500	232.338	232.318	332.90	332.90	0.00	48			
115	D27- D28	220	12	231.750	231.500	-1	3000	232.318	232.245	1733.64	1733.64	0.00	220			
116	D28- D30	169	12	231.500	231.250	-1	500	232.245	231.907	1421.66	1421.66	0.00	169			
117	D30- D37	85	12	231.250	231.000	-1	1000	231.907	231.822	754.31	754.31	0.00	85			
118	D28- D29	106	12	231.500	231.250	1	200	232.245	232.775	1443.74	1443.74	0.00	106			
119	D29-D25	93	15	231.250	231.250	1	2000	232.775	232.822	2159.83	2159.83	0.00	93			
120	D29- D32	64	15	231.250	231.000	-1	1225	232.775	232.723	1558.94	1558.94	0.00	64			
121	D32-D31	38	12	231.000	231.500	-1	375	232.723	232.621	648.48	648.48	0.00	38			
122	D31-D35	59	12	231.500	231.250	-1	375	232.621	232.464	826.78	826.78	0.00	59			
123	D35-D36	81	12	231.250	230.750	-1	375	232.464	232.248	1318.13	1318.13	0.00	81			
124	D32- D33	67	12	231.000	231.000	-1	50	232.723	231.383	846.43	846.43	0.00	67			
125	D33-D34	60	15	231.000	231.500	1	5000	231.383	231.395	124.89	124.89	0.00	60			
126	D33-D21	61	12	231.000	231.250	-1	1400	231.383	231.339	172.74	172.74	0.00	61			
127	D21-D25	64	12	231.250	231.000	-1	1400	231.339	231.293	146.95	146.95	0.00	64			
128	D25-D24	64	12	231.000	231.000	-1	1500	231.293	231.251	209.01	209.01	0.00	64			
129	D21-D17	18	12	231.250	231.250	1	5000	231.339	231.343	19.66	19.66	0.00	18			
130	D17-D41	90	12	231.250	231.500	1	500	231.343	231.523	62.42	62.42	0.00	90			

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				Upstream Level	Downstream Level			Upstream Level	Down stream Level				12 M Wide Road m	15 M Wide Road m	18 M Wide Road m	24 M Wide Road m
131	D17- D19	43	12	231.250	231.250	1	5000	231.343	231.351	50.10	50.10	0.00	43			
132	D19- D16	52	12	231.250	231.250	1	5000	231.351	231.362	66.52	66.52	0.00	52			
133	D16-D18	45	12	231.250	231.500	1	300	231.362	231.512	33.37	33.37	0.00	45			
134	D15- D16	61	12	231.250	231.250	1	3300	231.362	231.380	88.60	88.60	0.00	61			
135	D11- D15	69	15	231.250	231.350	1	3300	231.380	231.401	145.67	145.67	0.00		69		
136	D11-D10	80	12	231.350	231.120	-1	725	231.401	231.291	106.58	106.58	0.00	80			
137	D10-D9	37	12	231.120	231.000	1	5000	231.291	231.298	104.14	104.14	0.00	37			
138	D10-D14	22	12	231.120	231.120	1	5000	231.291	231.295	45.69	45.69	0.00	22			
139	D11-D7	55	15	231.350	231.370	1	390	231.401	231.542	92.16	92.16	0.00		55		
140	D7-D8	150	15	231.370	231.050	-1	825	231.542	231.360	542.95	542.95	0.00		150		
141	D8-D12	40	12	231.050	231.250	1	60	231.360	232.027	260.99	260.99	0.00	40			
142	D7-D6	55	15	231.370	231.500	1	725	231.542	231.618	119.75	119.75	0.00		55		
143	D6-D5	39	12	231.500	231.500	1	5000	231.618	231.626	57.09	57.09	0.00	39			
144	D6- D2	84	12	231.500	232.000	1	150	231.618	232.178	149.27	149.27	0.00	84			
145	B5-B4	23	15	233.430	233.500	1	200	233.668	233.783	89.97	89.97	0.00		23		
146	B4- B24	210	12	233.500	234.250	1	200	233.783	234.833	1091.84	1091.84	0.00	210			
147	B4-B3	53	15	233.500	233.500	1	225	233.783	234.019	318.83	318.83	0.00		53		
148	B3- B23	210	12	233.500	234.300	1	255	234.019	234.842	1337.09	1337.09	0.00	210			
149	B24-B23	54	12	234.250	234.300	1	6000	234.833	234.842	364.67	364.67	0.00	54			
150	B3-E4	65	12	233.500	233.600	-1	800	234.019	233.938	334.00	334.00	0.00	65			

Sector 82 VAIHKA (Gurgaon) Design Statement of Roads

Sr No.	Name of Road	Length of Road m	Width of Road m	Natural Surface Levels:		Slope Character	Longitudinal Slope	Formation Levels		Quantity cu.m	Earthwork in Filling cu.m	Excavation in Cutting cu.m	Length of Roads			
				Upstream Level	Downstream Level			Upstream Level	Down stream Level				12 M Wide Road	15 M Wide Road	18 M Wide Road	24 M Wide Road
151	B3-B2	56	15	233.500	234.100	1	200	234.019	234.299	301.41	301.41	0.00		56		
152	B2- B6	69	15	234.100	234.500	1	235	234.299	234.592	150.73	150.73	0.00		69		
153	B2-E3	64	15	234.100	234.050	-1	775	234.299	234.216	175.23	175.23	0.00		64		
154	E2-B36	46	15	234.160	234.250	1	900	234.485	234.536	210.53	210.53	0.00		46		
155	B36-B37	34	15	234.250	234.250	1	5000	234.536	234.542	147.42	147.42	0.00		34		
156	B36-B1	90	12	234.250	234.500	1	925	234.536	234.633	226.06	226.06	0.00	90			
157	B23- B25	142	12	234.300	234.250	-1	675	234.842	234.632	787.39	787.39	0.00	142			
158	B25-B32	49	12	234.250	234.200	-1	275	234.632	234.454	186.87	186.87	0.00	49			
159	B32- B35	114	12	234.200	234.500	1	775	234.454	234.601	242.50	242.50	0.00	114			
160	B32- B31	6	12	234.200	234.000	-1	325	234.454	234.435	24.80	24.80	0.00	6			
161	B31- B33	57	12	234.000	233.900	1	6000	234.435	234.445	335.16	335.16	0.00	57			
162	B31- B30	50	12	234.000	234.000	-1	325	234.435	234.281	215.00	215.00	0.00	50			
163	B30- B29	114	12	234.000	234.250	1	500	234.281	234.509	369.92	369.92	0.00	114			
164	B30- B9	18	12	234.000	233.900	-1	325	234.281	234.226	65.60	65.60	0.00	18			
165	B25- B26	9	12	234.250	234.380	1	325	234.632	234.660	35.72	35.72	0.00	9			
166	B26- B34	124	15	234.380	234.500	1	775	234.660	234.820	557.24	557.24	0.00		124		
167	B26- B27	48	12	234.380	234.500	1	275	234.660	234.834	176.75	176.75	0.00	48			
168	B27- B28	106	15	234.500	234.750	1	4600	234.834	234.857	350.85	350.85	0.00		106		
169	B27-B22	59	12	234.500	234.750	1	1000	234.834	234.893	168.96	168.96	0.00	59			
170	B22-B21	119	12	234.750	234.800	1	1000	234.893	235.012	253.67	253.67	0.00	119			

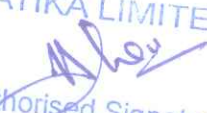
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Sector 82 VATIKA (Gurgaon) Design Statement of Roads

Sr No.	Name of Road	Length of Road	Width of Road	Natural Surface Levels		Slope Character	Longitudinal Slope	Formation Levels		Quantity	Earthwork in Filling	Excavation in Cutting	Length of Roads			
				Upstream Level	Downstream Level			Upstream Level	Down stream Level				12 M Wide Road	15 M Wide Road	18 M Wide Road	24 M Wide Road
		m	m					m	m	cu.m	cu.m	cu.m	m	m	m	m
171	E1-B15	205	12	234.300	235.120	1	305	234.705	235.377	813.33	813.33	0.00	205			
172	B15- B16	121	12	235.120	234.750	1	5000	235.377	235.401	658.90	658.90	0.00	121			
173	B16- B17	26	15	234.750	234.750	1	5000	235.401	235.406	254.86	254.86	0.00	26			
174	B16-B18	13	15	234.750	234.750	1	5000	235.401	235.403	127.18	127.18	0.00	13			
175	B15-B20	40	12	235.120	235.200	1	325	235.377	235.500	133.55	133.55	0.00	40			
176	E5-E15	129	12	233.350	233.100	-1	825	233.618	233.462	487.76	487.76	0.00	129			
177	E15-E20	159	12	233.100	233.500	-1	600	233.462	233.197	56.11	56.11	0.00	159			
178	E4-E14	130	12	233.600	233.400	-1	775	233.933	233.765	543.95	543.95	0.00	130			
179	E14-E19	189	12	233.400	233.500	-1	525	233.765	233.405	305.76	305.76	0.00	189			
180	E19-E24	62	12	233.500	233.500	-1	725	233.405	233.319	102.63	0.00	102.63	62			
181	E14-E15	54	15	233.400	233.100	-1	180	233.765	233.465	295.50	295.50	0.00	54			
182	E19-E20	63	12	233.500	233.500	-1	300	233.405	233.195	151.34	0.00	151.34	63			
183	E24-E26	84	12	233.500	233.000	-1	475	233.319	233.142	19.28	0.00	19.28	84			
184	E24-E23	22	12	233.500	233.500	1	100	233.319	233.539	18.67	0.00	18.67	22			
185	E3- E12	131	15	234.050	233.750	-1	800	234.216	234.052	460.54	460.54	0.00	131			
186	E12- E18	152	15	233.750	233.750	-1	700	234.052	233.835	442.15	442.15	0.00	152			
187	E12- E14	56	15	233.750	233.400	-1	200	234.052	233.772	283.50	283.50	0.00	56			
188	E18- E19	87	12	233.750	233.500	-1	205	233.835	233.411	1.92	0.00	1.92	87			
189	E12- E11	56	15	233.750	234.000	1	190	234.052	234.347	272.89	272.89	0.00	56			

Sector 82 VATIKA (Gurgaon) Design Statement of Roads

Sr No.	Name of Road	Length of Road m	Width of Road m	Natural Surface Levels		Slope Character	Longitudinal Slope	Formation Levels		Quantity cu.m	Earthwork in Filling cu.m	Excavation in Cutting cu.m	Length of Roads			
				Upstream Level	Downstream Level			Upstream Level	Down stream Level				12 M Wide Road	15 M Wide Road	18 M Wide Road	24 M Wide Road
190	E11-E'11	98	12	234.000	234.000	1	1000	234.347	234.445	465.97	465.97	0.00	98			
191	E11-E'27	26	15	234.000	234.500	1	150	234.347	234.521	71.72	71.72	0.00		26		
192	E11-E'17	143	12	234.000	234.000	-1	3000	234.347	234.300	554.95	554.95	0.00	143			
193	E'17-E16	67	12	234.000	233.880	-1	2600	234.300	234.274	278.73	278.73	0.00	67			
194	E16- E'10	255	12	233.880	234.250	1	750	234.274	234.614	1159.12	1159.12	0.00	255			
195	E16- E21	85	12	233.880	233.750	-1	625	234.274	234.138	398.61	398.61	0.00	85			
196	E21-E'22	37	12	233.750	233.500	-1	200	234.138	233.953	186.61	186.61	0.00	37			
197	82C34-B'7	109	12	232.000	232.000	1	5000	232.518	232.540	692.23	692.23	0.00	109			
198	B'7-81'4	77	24	232.000	232.250	1	5000	232.540	232.556	781.39	781.39	0.00				77
199	B'7-81'1	60	12	232.000	232.250	1	5000	232.540	232.552	303.21	303.21	0.00	60			
200	B'7-81'2	170	12	232.000	231.750	1	5000	232.540	232.574	1391.54	1391.54	0.00	170			
Total		15435								97918.54	98542.21	623.68	10116	2526	483	2310

For VATIKA LIMITED

 Authorised Signatory

DESIGN STATEMENT OF WATER SUPPLY

For VATIKA LIMITED

Authorised Signatory

Abstract of Water Supply Length								
Sr. No.	Description	100 mm i/d	150 mm i/d	200 mm i/d	250 mm i/d	300mm i/d	400mm i/d	Total Length
		m	m	m	m	m	m	m
	(Distribution Main)	DI K9						
1	Zone 1	14338	2535	1334	1116	465	280	20068
2	Zone 2	7695	1558	167	737	200	237	10594
3	Sub Total	22033	4093	1501	1853	665	517	30662
4	(Rising Main)	DI K9	DI K9	DI K9	DI K9	DI K9	DI K9	
5	HUDA Source -Boosting Station						380	380
6	Tube wells -Boosting Station		1967	352	146	169		2634
7	Sub Total	0	1967	352	146	169	380	3014
8	Total Length	22033	6060	1853	1999	834	897	33676
Sluice Valves								
9	No.	No.	No.	No.	No.	No.	No.	No.
10	Zone 1	203	38	18	18	5	3	285
11	Zone 2	98	21	3	12	1	2	137
12	Sub Total	301	59	21	30	6	5	422
13	(Rising Main)							
14	HUDA Source -Boosting Station						2	2
15	Tube wells -Boosting Station	21	7	1	1	1		31
16	Sub Total	21	7	1	1	1	2	33
17	Total	322	66	22	31	7	7	455

For by Consultant
(Signature)
 (Director)

For VATIKA LIMITED
(Signature)
 Authorised Signatory