

checked for service estimate only

Executive Engineer-V
Sew. Division No. 14
GMDA, Gurugram

Chief Engineer,
(Infra-II), GMDA
Gurugram

Revenue Rasta
2 Karam wide

24.0 M WIDE ROAD

24.0 M WIDE ROAD

24.0 M. WIDE ROAD

24.0 M. WIDE ROAD

LAYOUT PLAN

- LEGEND
- COMMUNITY FACILITIES
 - ORGANIZED OPEN SPACE
 - COMMERCIAL AREA

NOTE : AREA UNDER 24.0M WIDE SECTOR ROAD FALSE IN
KHASRA NO. 75// 14 = 24.0 X 24.0 = 576 SQM.

GREEN AREA CALCULATION

S.NO.	LENGTH (M)	BREADTH (M)	AREA (SQM)
1	12.00	12.00	144.00
2	12.00	12.00	144.00
3	12.00	12.00	144.00
4	12.00	12.00	144.00
5	12.00	12.00	144.00
6	12.00	12.00	144.00
7	12.00	12.00	144.00
8	12.00	12.00	144.00
9	12.00	12.00	144.00
10	12.00	12.00	144.00
11	12.00	12.00	144.00
12	12.00	12.00	144.00
13	12.00	12.00	144.00
14	12.00	12.00	144.00
15	12.00	12.00	144.00
16	12.00	12.00	144.00
17	12.00	12.00	144.00
18	12.00	12.00	144.00
19	12.00	12.00	144.00
20	12.00	12.00	144.00
21	12.00	12.00	144.00
22	12.00	12.00	144.00
23	12.00	12.00	144.00
24	12.00	12.00	144.00
25	12.00	12.00	144.00
26	12.00	12.00	144.00
27	12.00	12.00	144.00
28	12.00	12.00	144.00
29	12.00	12.00	144.00
30	12.00	12.00	144.00
31	12.00	12.00	144.00
32	12.00	12.00	144.00
33	12.00	12.00	144.00
34	12.00	12.00	144.00
35	12.00	12.00	144.00
36	12.00	12.00	144.00
37	12.00	12.00	144.00
38	12.00	12.00	144.00
39	12.00	12.00	144.00
40	12.00	12.00	144.00
41	12.00	12.00	144.00
42	12.00	12.00	144.00
43	12.00	12.00	144.00
44	12.00	12.00	144.00
45	12.00	12.00	144.00
46	12.00	12.00	144.00
47	12.00	12.00	144.00
48	12.00	12.00	144.00
49	12.00	12.00	144.00
50	12.00	12.00	144.00
51	12.00	12.00	144.00
52	12.00	12.00	144.00
53	12.00	12.00	144.00
54	12.00	12.00	144.00
55	12.00	12.00	144.00
56	12.00	12.00	144.00
57	12.00	12.00	144.00
58	12.00	12.00	144.00
59	12.00	12.00	144.00
60	12.00	12.00	144.00
61	12.00	12.00	144.00
62	12.00	12.00	144.00
63	12.00	12.00	144.00
64	12.00	12.00	144.00
65	12.00	12.00	144.00
66	12.00	12.00	144.00
67	12.00	12.00	144.00
68	12.00	12.00	144.00
69	12.00	12.00	144.00
70	12.00	12.00	144.00
71	12.00	12.00	144.00
72	12.00	12.00	144.00
73	12.00	12.00	144.00
74	12.00	12.00	144.00
75	12.00	12.00	144.00
76	12.00	12.00	144.00
77	12.00	12.00	144.00
78	12.00	12.00	144.00
79	12.00	12.00	144.00
80	12.00	12.00	144.00
81	12.00	12.00	144.00
82	12.00	12.00	144.00
83	12.00	12.00	144.00
84	12.00	12.00	144.00
85	12.00	12.00	144.00
86	12.00	12.00	144.00
87	12.00	12.00	144.00
88	12.00	12.00	144.00
89	12.00	12.00	144.00
90	12.00	12.00	144.00
91	12.00	12.00	144.00
92	12.00	12.00	144.00
93	12.00	12.00	144.00
94	12.00	12.00	144.00
95	12.00	12.00	144.00
96	12.00	12.00	144.00
97	12.00	12.00	144.00
98	12.00	12.00	144.00
99	12.00	12.00	144.00
100	12.00	12.00	144.00

LEGEND

1. 200mm OD SLOPE @ 1:200 (A)

2. 200mm OD SLOPE @ 1:225 (B)

3. 200mm OD SLOPE @ 1:300 (C)

4. 200mm OD SLOPE @ 1:250 (D)

5. SEWERAGE LINE

6. SEWERAGE MANHOLE

SCHEDULE OF PIPE SEWER LINE
BESTECH PLOT-01

S.NO.	Manhole No.	Interconnection	Length (m)	Pipe Size (mm)	Ground Level (m)	Joint Level (m)
1	MS-1A	MS-1B	11	140.0	207.50	207.50
2	MS-1B	MS-1C	2	140.0	207.50	207.50
3	MS-1C	MS-1D	1	140.0	207.50	207.50
4	MS-1D	MS-1E	1	140.0	207.50	207.50
5	MS-1E	MS-1F	1	140.0	207.50	207.50
6	MS-1F	MS-1G	1	140.0	207.50	207.50
7	MS-1G	MS-1H	1	140.0	207.50	207.50
8	MS-1H	MS-1I	1	140.0	207.50	207.50
9	MS-1I	MS-1J	1	140.0	207.50	207.50
10	MS-1J	MS-1K	1	140.0	207.50	207.50
11	MS-1K	MS-1L	1	140.0	207.50	207.50
12	MS-1L	MS-1M	1	140.0	207.50	207.50
13	MS-1M	MS-1N	1	140.0	207.50	207.50
14	MS-1N	MS-1O	1	140.0	207.50	207.50
15	MS-1O	MS-1P	1	140.0	207.50	207.50
16	MS-1P	MS-1Q	1	140.0	207.50	207.50
17	MS-1Q	MS-1R	1	140.0	207.50	207.50
18	MS-1R	MS-1S	1	140.0	207.50	207.50
19	MS-1S	MS-1T	1	140.0	207.50	207.50
20	MS-1T	MS-1U	1	140.0	207.50	207.50
21	MS-1U	MS-1V	1	140.0	207.50	207.50
22	MS-1V	MS-1W	1	140.0	207.50	207.50
23	MS-1W	MS-1X	1	140.0	207.50	207.50
24	MS-1X	MS-1Y	1	140.0	207.50	207.50
25	MS-1Y	MS-1Z	1	140.0	207.50	207.50
26	MS-1Z	MS-2A	1	140.0	207.50	207.50
27	MS-2A	MS-2B	1	140.0	207.50	207.50
28	MS-2B	MS-2C	1	140.0	207.50	207.50
29	MS-2C	MS-2D	1	140.0	207.50	207.50
30	MS-2D	MS-2E	1	140.0	207.50	207.50
31	MS-2E	MS-2F	1	140.0	207.50	207.50
32	MS-2F	MS-2G	1	140.0	207.50	207.50
33	MS-2G	MS-2H	1	140.0	207.50	207.50
34	MS-2H	MS-2I	1	140.0	207.50	207.50
35	MS-2I	MS-2J	1	140.0	207.50	207.50
36	MS-2J	MS-2K	1	140.0	207.50	207.50
37	MS-2K	MS-2L	1	140.0	207.50	207.50
38	MS-2L	MS-2M	1	140.0	207.50	207.50
39	MS-2M	MS-2N	1	140.0	207.50	207.50
40	MS-2N	MS-2O	1	140.0	207.50	207.50
41	MS-2O	MS-2P	1	140.0	207.50	207.50
42	MS-2P	MS-2Q	1	140.0	207.50	207.50
43	MS-2Q	MS-2R	1	140.0	207.50	207.50
44	MS-2R	MS-2S	1	140.0	207.50	207.50
45	MS-2S	MS-2T	1	140.0	207.50	207.50
46	MS-2T	MS-2U	1	140.0	207.50	207.50
47	MS-2U	MS-2V	1	140.0	207.50	207.50
48	MS-2V	MS-2W	1	140.0	207.50	207.50
49	MS-2W	MS-2X	1	140.0	207.50	207.50
50	MS-2X	MS-2Y	1	140.0	207.50	207.50
51	MS-2Y	MS-2Z	1	140.0	207.50	207.50
52	MS-2Z	MS-3A	1	140.0	207.50	207.50
53	MS-3A	MS-3B	1	140.0	207.50	207.50
54	MS-3B	MS-3C	1	140.0	207.50	207.50
55	MS-3C	MS-3D	1	140.0	207.50	207.50
56	MS-3D	MS-3E	1	140.0	207.50	207.50
57	MS-3E	MS-3F	1	140.0	207.50	207.50
58	MS-3F	MS-3G	1	140.0	207.50	207.50
59	MS-3G	MS-3H	1	140.0	207.50	207.50
60	MS-3H	MS-3I	1	140.0	207.50	207.50
61	MS-3I	MS-3J	1	140.0	207.50	207.50
62	MS-3J	MS-3K	1	140.0	207.50	207.50
63	MS-3K	MS-3L	1	140.0	207.50	207.50
64	MS-3L	MS-3M	1	140.0	207.50	207.50
65	MS-3M	MS-3N	1	140.0	207.50	207.50
66	MS-3N	MS-3O	1	140.0	207.50	207.50
67	MS-3O	MS-3P	1	140.0	207.50	207.50
68	MS-3P	MS-3Q	1	140.0	207.50	207.50
69	MS-3Q	MS-3R	1	140.0	207.50	207.50
70	MS-3R	MS-3S	1	140.0	207.50	207.50
71	MS-3S	MS-3T	1	140.0	207.50	207.50
72	MS-3T	MS-3U	1	140.0	207.50	207.50
73	MS-3U	MS-3V	1	140.0	207.50	207.50
74	MS-3V	MS-3W	1	140.0	207.50	207.50
75	MS-3W	MS-3X	1	140.0	207.50	207.50
76	MS-3X	MS-3Y	1	140.0	207.50	207.50
77	MS-3Y	MS-3Z	1	140.0	207.50	207.50
78	MS-3Z	MS-4A	1	140.0	207.50	207.50
79	MS-4A	MS-4B	1	140.0	207.50	207.50
80	MS-4B	MS-4C	1	140.0	207.50	207.50
81	MS-4C	MS-4D	1	140.0	207.50	207.50
82	MS-4D	MS-4E	1	140.0	207.50	207.50
83	MS-4E	MS-4F	1	140.0	207.50	207.50
84	MS-4F	MS-4G	1	140.0	207.50	207.50
85	MS-4G	MS-4H	1	140.0	207.50	207.50
86	MS-4H	MS-4I	1	140.0	207.50	207.50
87	MS-4I	MS-4J	1	140.0	207.50	207.50
88	MS-4J	MS-4K	1	140.0	207.50	207.50
89	MS-4K	MS-4L	1	140.0	207.50	207.50
90	MS-4L	MS-4M	1	140.0	207.50	207.50
91	MS-4M	MS-4N	1	140.0	207.50	207.50
92	MS-4N	MS-4O	1	140.0	207.50	207.50
93	MS-4O	MS-4P	1	140.0	207.50	207.50
94	MS-4P	MS-4Q	1	140.0	207.50	207.50
95	MS-4Q	MS-4R	1	140.0	207.50	207.50
96	MS-4R	MS-4S	1	140.0	207.50	207.50
97	MS-4S	MS-4T	1	140.0	207.50	207.50
98	MS-4T	MS-4U	1	140.0	207.50	207.50
99	MS-4U	MS-4V	1	140.0	207.50	207.50
100	MS-4V	MS-4W	1	140.0	207.50	207.50

AREA CHART

S.NO	DISCRPTION	IN %	AREA IN ACRE	AREA IN SQMT.	SQM
1	TOTAL LICENCE AREA		36.4325	OR 159572.354	SQM
2	NET PLANNED AREA		37.1100	OR 163772.100	SQM
3	MAX. PERMISSIBLE AREA OF UNDER RES. PLOTS (61% OF 39.43125 ACRES)	61.0	24.053	ACRE OR 97339.136	SQM
4	PROPOSED AREA UNDER RES. PLOTS	66.321	22.212	ACRE OR 89888.647	SQM
5	REQUIRED AREA FOR COMMON FACILITIES (10% OF 39.43125 ACRES)	10.0	3.943	ACRE OR 15957.235	SQM
6	PROVIDED AREA FOR COMMON FACILITIES (10.2%)	10.001	3.943	ACRE OR 15958.511	SQM
7	REQUIRED MIN. GREEN AREA (7.5% OF 39.43125 ACRES)	7.50	2.937	ACRE OR 11967.327	SQM
8	PROVIDED GREEN AREA	7.96	2.980	ACRE OR 12061.012	SQM
9	PERMISSIBLE AREA UNDER COMMERCIAL	4.0	1.577	ACRE OR 6382.894	SQM
10	PROPOSED AREA UNDER COMMERCIAL	4.0003	1.577	ACRE OR 6383.297	SQM
DENSITY CALCULATION					
1	PERMISSIBLE DENSITY		240-400 PPA		
2	PROPOSED POPULATION (18 PERSONS PER PLOT)	661	Plots	11888	PERSONS 331.74 PPA