

SECTOR - 99A



PLUMBING LEGEND:-

- STORM MANHOLE(910Ø & ABOVE)
- STORM CATCH BASIN
- ST-STORM WATER LINE(RCC NP2)
- 150Ø RAIN WATER PIPE(FROM PLOT)
- RAIN WATER HARVESTING PIT

PLUMBING NOTE FOR STORM WATER :-

CATCH BASIN SIZE (MM)	DEPTH OF CB (MM)
CB - 600 X 600 mm	600 - 750 mm
CB - 750 X 750 mm	750 TO 900 mm

Plumbing Note :-

DIA OF M.H	DEPTH OF MH
910mm Dia	900 TO 1650
1220mm Dia	1650 TO 2300
1520mm Dia	2300 & ABOVE

PROJECT :- RESIDENTIAL PLOTTED COLONY , BST DDJAY, GURUGRAM, HARYANA
TITLE :- STORM WATER DRAINAGE - HYDRAULIC DESIGN CHART.

S.No	Line No.		Length in mtr.	Pipe dia (mm)	Slope (mm) 1 in	Fall in line mtr.	Road Formation level at Start	Invert Level at Start	Road Formation level at End	Invert Level at End
	From	To	(mtr.)	(mm)	(mm)	(mtr.)	(mtr.)	(mtr.)	(mtr.)	(mtr.)
1	R-01	R-01A	13.0	400	450	0.029	100.00	98.60	100.00	98.57
2	R-01A	R-01B	14.1	400	450	0.031	100.00	98.57	100.00	98.54
3	R-01B	R-01C	14.1	400	450	0.031	100.00	98.54	100.00	98.51
4	R-01C	R-01D	14.5	400	450	0.032	100.00	98.51	100.00	98.48
5	R-01D	R-01E	4.6	400	450	0.010	100.00	98.48	100.00	98.47
6	R-01E	R-01F	11.3	400	450	0.025	100.00	98.47	100.00	98.44
7	R-01F	R-01G	13.7	400	450	0.030	100.00	98.44	100.00	98.41
8	R-01G	R-01H	15.7	400	450	0.035	100.00	98.41	100.00	98.38
9	R-01H	R-01I	14.4	400	450	0.032	100.00	98.38	100.00	98.34
10	R-01I	R-01J	14.3	400	450	0.032	100.00	98.34	100.00	98.31
11	R-01J	R-03	9.4	400	450	0.021	100.00	98.01	100.00	97.99
12	R-02	R-2A	13.7	400	450	0.030	100.00	98.60	100.00	98.57
13	R-2A	R-2B	13.7	400	450	0.030	100.00	98.57	100.00	98.54
14	R-2B	R-03	14.3	400	450	0.032	100.00	98.54	100.00	98.51
15	R-03	R-3A	4.9	400	450	0.011	100.00	97.99	100.00	97.98
16	R-3A	R-3B	14.3	400	450	0.032	100.00	97.98	100.00	97.95
17	R-3B	R-05	10.7	400	450	0.024	100.00	97.95	100.00	97.92
18	R-04	R-4A	7.5	400	450	0.017	100.00	98.60	100.00	98.58
19	R-4A	R-4B	15.1	400	450	0.034	100.00	98.58	100.00	98.55
20	R-4B	R-05	3.0	400	450	0.007	100.00	98.55	100.00	98.54
21	R-05	R-07	16.8	400	450	0.037	100.00	97.92	100.00	97.89
22	R-06	R-6A	15.9	400	450	0.035	100.00	98.60	100.00	98.56
23	R-6A	R-6B	15.9	400	450	0.035	100.00	98.56	100.00	98.53
24	R-6B	R-6C	15.9	400	450	0.035	100.00	98.53	100.00	98.49
25	R-6C	R-6D	15.9	400	450	0.035	100.00	98.49	100.00	98.46
26	R-6D	R-6E	14.7	400	450	0.033	100.00	98.46	100.00	98.43
27	R-6E	R-6F	4.4	400	450	0.010	100.00	98.43	100.00	98.42
28	R-6F	R-6G	18.9	400	450	0.042	100.00	98.42	100.00	98.37
29	R-6G	R-6H	16.9	400	450	0.038	100.00	98.37	100.00	98.34
30	R-6H	R-6I	16.9	400	450	0.038	100.00	98.34	100.00	98.30
31	R-6I	R-07	16.9	400	450	0.038	100.00	98.30	100.00	98.26
32	R-07	R-7A	15.7	400	450	0.035	100.00	97.89	100.00	97.85
33	R-7A	R-11	8.1	400	450	0.018	100.00	97.85	100.00	97.83
34	R-08	R-8A	15.3	400	450	0.034	100.00	98.60	100.00	98.57
35	R-8A	R-8B	15.3	400	450	0.034	100.00	98.57	100.00	98.53
36	R-8B	R-8C	15.3	400	450	0.034	100.00	98.53	100.00	98.50
37	R-8C	R-8D	15.3	400	450	0.034	100.00	98.50	100.00	98.46
38	R-8D	R-8E	14.9	400	450	0.033	100.00	98.46	100.00	98.43
39	R-8E	R-8F	16.6	400	450	0.037	100.00	98.43	100.00	98.39
40	R-8F	R-10	18.0	400	450	0.040	100.00	98.39	100.00	98.35
41	R-09	R-9A	15.3	400	450	0.034	100.00	98.60	100.00	98.57
42	R-9A	R-9B	15.4	400	450	0.034	100.00	98.57	100.00	98.53
43	R-9B	R-9C	15.3	400	450	0.034	100.00	98.53	100.00	98.50
44	R-9C	R-9D	15.3	400	450	0.034	100.00	98.50	100.00	98.46
45	R-9D	R-9E	15.0	400	450	0.033	100.00	98.46	100.00	98.43
46	R-9E	R-10	8.5	400	450	0.019	100.00	98.43	100.00	98.41
47	R-10	R-10A	15.3	400	450	0.034	100.00	98.35	100.00	98.32
48	R-10A	R-10B	15.9	400	450	0.035	100.00	98.32	100.00	98.28
49	R-10B	R-10C	15.9	400	450	0.035	100.00	98.28	100.00	98.25
50	R-10C	R-11	10.9	400	450	0.024	100.00	98.25	100.00	98.22
51	R-11	OUT	16.5	500	550	0.030	100.00	97.83	100.00	97.80

GOOD FOR CONSTRUCTION

Behera Associates Pvt Ltd.

MEP CONSULTANTS:
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DRG. TITLE :-
SITE PLAN OF AFFORDABLE PLOTTED COLONY (UNDER DEEN DAYAL JAN AWAS YOJNA 2016) ON THE LAND MEASURING 5.6375 ACRES AT VILLAGE GOPALPUR, SECTOR - 99A, TEHSIL & DISTT. GURUGRAM, HARYANA BELONGING TO M/S BST DEVELOPERS INDIA PVT. LTD.

DRG NO :-
DDJAY/BST/ABC-225032

SHEET TITLE :-
STORM WATER MASTER LAYOUT PLAN

DEALT :-
A.S. VERMA

ARCHITECT -
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SCALE :-
1:500

CHKD.BY :-
R. Jain