

STAGE : TENDER

DATE: 01.09.2021

REV.NO. -

JOB TITLE- HES-TF

REV. NOTES:

DATE: REV. DESCRIPTION

CLIENT :

ARCHITECT:

ICHINEN ATCHITECTS PRIVATE LIMITED
A-5 SAVODAYA ENCLAVE, NEW DELHI - 110017

MEP CONSULTANTS:
HABITAT ENGINEERING SERVICES CONSULTANT
A-127, Second Floor, Masoodpur
Vasant Kunj, New Delhi-110070 Tel:
9810620402, 7217662363
Email : -habitatenvirosolutions@gmail.com

PROJECT :

PROPOSED RESIDENTIAL PLOTTED
COLONY MEASURING 102.194 ACRE
AT SECTOR -70, FARIDABAD

DWG. TITLE :

SITE PLAN
ZONE - 2
SEWER NETWORK LAYOUT

DWG. NO : HES/2021/TF/SW/01-B

SCALE : 1:1000 @ A0

DRAWN BY: NAVEEN RATHORE

CHECKED BY: PRAVEEN

APPROVED BY: JANARDAN SINGH

HYDRAULIC DESIGN CHART FOR SEWERAGE											
Node		Diameter	Slope (1 in N)	Length of Pipe	Levels at Start		Levels at End		Depth		
FROM	To	mm	1:n	mtrs.	RL	IL	RL	IL	mtrs	mtrs	mtrs
1	2	200	150	76.00	0.00	-0.75	0.00	-1.26	0.75	1.26	
2	3	200	200	57.70	0.00	-1.26	0.00	-1.55	1.26	1.55	
3a	3	200	150	19.60	0.00	-0.75	0.00	-0.88	0.75	0.88	
3	4	200	200	21.70	0.00	-1.55	0.00	-1.65	1.55	1.65	
4a	4c	200	150	48.40	0.00	-0.75	0.00	-1.07	0.75	1.07	
4b	4c	200	150	20.90	0.00	-0.75	0.00	-0.89	0.75	0.89	
4c	4c	200	200	57.70	0.00	-1.07	0.00	-1.36	1.07	1.36	
4d	4e	200	150	11.10	0.00	-0.75	0.00	-0.82	0.75	0.82	
4e	4	200	200	21.70	0.00	-1.36	0.00	-1.47	1.36	1.47	
4f	4g	200	150	71.00	0.00	-0.75	0.00	-1.22	0.75	1.22	
4g	4	200	200	63.30	0.00	-1.22	0.00	-1.54	1.22	1.54	
4	5	200	200	120.00	0.00	-1.65	0.00	-2.25	1.65	2.25	
5	6	250	350	118.75	0.00	-2.30	0.00	-2.64	2.30	2.64	
6	14	250	350	66.70	0.00	-2.64	0.00	-2.83	2.64	2.83	
7a	7c	200	150	33.40	0.00	-0.75	0.00	-0.97	0.75	0.97	
7b	7c	200	150	34.90	0.00	-0.75	0.00	-0.98	0.75	0.98	
7c	7e	200	150	34.80	0.00	-0.98	0.00	-1.21	0.98	1.21	
7d	7e	200	150	32.70	0.00	-0.75	0.00	-0.97	0.75	0.97	
7e	7g	200	150	36.50	0.00	-1.21	0.00	-1.46	1.21	1.46	
7f	7g	200	150	32.70	0.00	-0.75	0.00	-0.97	0.75	0.97	
7g	7i	200	200	36.50	0.00	-1.46	0.00	-1.64	1.46	1.64	
7h	7i	200	150	32.30	0.00	-0.75	0.00	-0.97	0.75	0.97	
7i	7k	200	200	36.50	0.00	-1.64	0.00	-1.82	1.64	1.82	
7j	7k	200	150	32.30	0.00	-0.75	0.00	-0.97	0.75	0.97	
7k	7	200	200	34.00	0.00	-1.82	0.00	-1.99	1.82	1.99	
7l	7m	200	150	31.30	0.00	-0.75	0.00	-0.96	0.75	0.96	
7m	7	200	150	12.00	0.00	-0.96	0.00	-1.04	0.96	1.04	
7	8	200	200	38.70	0.00	-1.99	0.00	-2.19	1.99	2.19	
8a	8c	200	150	53.00	0.00	-0.75	0.00	-1.10	0.75	1.10	
8b	8c	200	150	26.20	0.00	-0.75	0.00	-0.92	0.75	0.92	
8c	8e	200	150	36.60	0.00	-1.10	0.00	-1.35	1.10	1.35	
8d	8e	200	150	27.20	0.00	-0.75	0.00	-0.93	0.75	0.93	
8e	8g	200	200	36.50	0.00	-1.35	0.00	-1.53	1.35	1.53	
8f	8g	200	150	27.20	0.00	-0.75	0.00	-0.93	0.75	0.93	
8g	8	200	200	49.00	0.00	-1.53	0.00	-1.77	1.53	1.77	
8h	9	200	150	31.80	0.00	-0.75	0.00	-0.96	0.75	0.96	
8	9	250	350	9.80	0.00	-2.19	0.00	-2.21	2.19	2.21	
9	10	250	350	80.70	0.00	-2.21	0.00	-2.45	2.21	2.45	
10	11	250	350	47.80	0.00	-2.45	0.00	-2.58	2.45	2.58	
11a	11b	200	150	62.00	0.00	-0.75	0.00	-1.16	0.75	1.16	
11b	11c	200	150	65.80	0.00	-1.16	0.00	-1.60	1.16	1.60	
11c	11	200	200	71.30	0.00	-1.60	0.00	-1.96	1.60	1.96	
11	14	250	350	21.80	0.00	-2.58	0.00	-2.64	2.58	2.64	
12a	12	200	150	36.60	0.00	-0.75	0.00	-0.99	0.75	0.99	
12	13	200	200	46.50	0.00	-0.99	0.00	-1.23	0.99	1.23	
13a	13c	200	150	43.70	0.00	-0.75	0.00	-1.04	0.75	1.04	
13b	13c	200	150	17.00	0.00	-0.75	0.00	-0.86	0.75	0.86	
13c	13e	200	150	36.60	0.00	-1.04	0.00	-1.29	1.04	1.29	
13d	13e	200	150	28.20	0.00	-0.75	0.00	-0.94	0.75	0.94	
13e	13g	200	150	36.60	0.00	-1.29	0.00	-1.53	1.29	1.53	
13f	13g	200	150	26.30	0.00	-0.75	0.00	-0.93	0.75	0.93	
13g	13	200	150	9.80	0.00	-1.53	0.00	-1.59	1.53	1.59	
13	14	200	200	62.30	0.00	-1.59	0.00	-1.91	1.59	1.91	
14	15	400	400	78.20	0.00	-2.98	0.00	-3.18	2.98	3.18	
15	16	400	400	80.50	0.00	-3.18	0.00	-3.38	3.18	3.38	
16	56	400	400	82.30	0.00	-3.38	0.00	-3.59	3.38	3.59	
17	18	200	150	87.80	0.00	-0.75	0.00	-1.34	0.75	1.34	
18	19	200	200	119.20	0.00	-1.34	0.00	-1.93	1.34	1.93	
19	23	200	250	121.20	0.00	-1.93	0.00	-2.42	1.93	2.42	
20	21	200	150	88.50	0.00	-0.75	0.00	-1.34	0.75	1.34	
21	22	200	200	98.88	0.00	-1.34	0.00	-1.83	1.34	1.83	
22	23	200	250	101.40	0.00	-1.83	0.00	-2.24	1.83	2.24	
23	24	250	350	38.00	0.00	-2.47	0.00	-2.57	2.47	2.57	
24a	24	200	150	63.90	0.00	-0.75	0.00	-1.18	0.75	1.18	
24	25	250	350	47.80	0.00	-2.57	0.00	-2.71	2.57	2.71	
25a	25	200	150	20.00	0.00	-0.75	0.00	-0.88	0.75	0.88	
25	26	250	350	9.90	0.00	-2.71	0.00	-2.74	2.71	2.74	
26a	26c	200	150	34.60	0.00	-0.75	0.00	-0.98	0.75	0.98	
26b	26c	200	150	24.90	0.00	-0.75	0.00	-0.92	0.75	0.92	
26c	26	200	150	38.30	0.00	-0.98	0.00	-1.24	0.98	1.24	
26	27	250	350	47.80	0.00	-2.74	0.00	-2.88	2.74	2.88	
27a	27	200	150	20.00	0.00	-0.75	0.00	-0.88	0.75	0.88	
27	28	250	350	9.80	0.00	-2.88	0.00	-2.90	2.88	2.90	
28a	28c	200	150	35.10	0.00	-0.75	0.00	-0.98	0.75	0.98	
28b	28c	200	150	25.00	0.00	-0.75	0.00	-0.92	0.75	0.92	
28c	28	200	150	38.40	0.00	-0.98	0.00	-1.24	0.98	1.24	
28	29	250	350	57.70	0.00	-2.90	0.00	-3.07	2.90	3.07	
29a	29c	200	150	34.8	0.00	-0.75	0.00	-0.98	0.75	0.98	

