

IMPORTANT NOTES:-	
1	DRAINAGE PLAN SHALL BE PREPARED BASED ON LANDSCAPE PLAN.
2	FOR LOCATION OF MANHOLE/RECHARGE WELL, FIRE HYDRANT, GARDEN HYDRANT, PLEASE REFER SETTING OUT PLAN ISSUED BY LANDSCAPE CONSULTANT.

NOTES:-	
1	ALL DIMENSION IN MM.
2	FOR INVERT LEVEL/PIPE SIZE/PIPE SLOPE/TYPE OF MANHOLE REFER DESIGN CHART.
3	FOR CONSTRUCTION DETAIL OF MANHOLE, PLEASE REFER DRAWING NO. (MH-DET-01).
4	ALL SEWER LINE SHALL BE LAID IN DWC HOPE PIPE CLASS SN-8 CONFORMING TO RELEVANT IS STANDARDS.
5	ALL SEWER LINE SHALL BE LAID ON PCC BED 1:4:8 WITH ALL ROUND CONCRETE AS DETAIL IN DRAWING NO. (MH-DET-01).
6	ALL DRAINAGE LINE SHALL BE LAID IN DWC HOPE PIPE CLASS SN-8 CONFORMING TO RELEVANT IS STANDARDS.
7	ALL BURIED PIPE SHALL BE TESTED FOR LEAKAGES AND STRAIGHTNESS AS PER SPECIFICATION.
8	TRENCH SHALL BE REFILLED ONLY AFTER PIPE TESTING.
9	CONNECTION OF WATER SUPPLY LINE FROM MUNICIPAL WATER SUPPLY MAIN US TANK SHALL BE LAID IN D.I./G.I AND SHALL BE LAID ON BED.

S.No.	SIZE OF MANHOLE	DEPTH OF MANHOLE
1	600x600mm	UPTO 600mm
2	910mm DIA	900mm TO 1650mm
3	1220mm DIA	1651mm TO 2301mm

LEGENDS FOR PLUMBING:-	
	MH MANHOLE FOR SEWERAGE
	MH MANHOLE FOR SEWERAGE
	SEWERAGE LINE

DESIGN CHART OF SEWERAGE SYSTEM												
S.NO	LINE		LENGTH	PIPE SIZE(MM)	SLOPE (1 IN) MM	PATHWAY LEVEL(M)		INVERT LEVEL(M)		DEPTH(M)		TYPE OF MANHOLE
	FROM	TO				START	END	START	END	START	END	
1	S1	S2	11.0	200	300	0.750	0.750	0.150	0.115	0.600	0.635	C.B (600x600mm)
2	S2	S3	19.0	200	300	0.750	0.750	-0.350	-0.415	1.100	1.165	
3	S3	S4	19.0	200	300	0.750	0.750	-0.415	-0.480	1.165	1.230	
4	S4	S5	19.0	200	300	0.750	0.750	-0.480	-0.545	1.230	1.295	910mm DIA
5	S5	S6	26.0	200	300	0.750	0.750	-0.545	-0.630	1.295	1.380	910mm DIA
6	S7	S6	7.0	200	300	0.750	0.750	-0.750	-0.775	1.500	1.525	910mm DIA
7	S6	S8	7.0	200	300	0.750	0.750	-0.775	-0.800	1.525	1.550	910mm DIA
8	S8	S9	14.0	200	300	0.750	0.750	-0.800	-0.845	1.550	1.595	910mm DIA
9	S9	S10	14.0	200	300	0.750	0.750	-0.845	-0.890	1.595	1.640	910mm DIA
10	S10	S11	14.0	200	300	0.750	0.750	-0.890	-0.935	1.640	1.685	910mm DIA
11	S11	S12	14.0	200	300	0.750	0.750	-0.935	-0.980	1.685	1.730	1220mm DIA
12	S12	S13	14.0	200	300	0.750	0.750	-0.980	-1.025	1.730	1.775	1220mm DIA
12	S13	S14	9.0	200	300	0.750	0.750	-1.025	-1.055	1.775	1.805	1220mm DIA
13	S15	S14	16.0	200	300	0.750	0.750	-0.350	-0.405	1.100	1.155	910mm DIA
14	S14	S16	12.0	200	300	0.750	0.750	-1.055	-1.095	1.805	1.845	1220mm DIA
15	S16	S17	14.0	200	300	0.750	0.750	-1.095	-1.140	1.845	1.890	1220mm DIA
16	S17	S18	13.0	200	300	0.750	0.750	-1.140	-1.185	1.890	1.935	1220mm DIA
17	S19	S20	6.0	200	300	0.750	0.750	-0.350	-0.370	1.100	1.120	910mm DIA
18	S20	S21	4.0	200	300	0.750	0.750	-0.370	-0.385	1.120	1.135	910mm DIA
19	S21	S22	14.0	200	300	0.750	0.750	-0.385	-0.430	1.135	1.180	910mm DIA
20	S22	S23	14.0	200	300	0.750	0.750	-0.430	-0.475	1.180	1.225	910mm DIA
21	S23	S24	14.0	200	300	0.750	0.750	-0.475	-0.520	1.225	1.270	910mm DIA
22	S24	S25	14.0	200	300	0.750	0.750	-0.520	-0.565	1.270	1.315	910mm DIA
23	S25	S26	14.0	200	300	0.750	0.750	-0.565	-0.610	1.315	1.360	910mm DIA
24	S26	S18	10.0	200	300	0.750	0.750	-0.610	-0.645	1.360	1.395	910mm DIA
25	S18	S27	10.0	200	300	0.750	0.750	-1.185	-1.220	1.935	1.970	1220mm DIA
26	S27	S28	11.0	200	300	0.750	0.750	-1.220	-1.255	1.970	2.005	1220mm DIA
27	S29	S30	8.0	200	300	0.750	0.750	-0.350	-0.375	1.100	1.125	910mm DIA
28	S31	S30	10.0	200	300	0.750	0.750	-0.600	-0.635	1.350	1.385	910mm DIA
29	S30	S32	16.0	200	300	0.750	0.750	-0.635	-0.690	1.385	1.440	910mm DIA
30	S32	S33	14.0	200	300	0.750	0.750	-0.690	-0.735	1.440	1.485	910mm DIA
31	S33	S34	14.0	200	300	0.750	0.750	-0.735	-0.780	1.485	1.530	910mm DIA
32	S34	S35	14.0	200	300	0.750	0.750	-0.780	-0.825	1.530	1.575	910mm DIA
33	S35	S36	14.0	200	300	0.750	0.750	-0.825	-0.870	1.575	1.620	910mm DIA
34	S36	S37	14.0	200	300	0.750	0.750	-0.870	-0.915	1.620	1.665	910mm DIA
35	S38	S37	14.0	200	300	0.750	0.750	-0.800	-0.845	1.550	1.595	910mm DIA
36	S37	S39	15.0	200	300	0.750	0.750	-0.915	-0.965	1.665	1.715	1220mm DIA
37	S39	S28	6.0	200	300	0.750	0.750	-0.965	-0.985	1.715	1.735	1220mm DIA
38	S28	STP	4.0	200	300	0.750	0.750	-1.255	-1.270	2.005	2.020	1220mm DIA

PROJECT -

OWNER -

DRAWING TITLE :-

SEWERAGE LAYOUT PLAN

OWNER SIGN

ARCHITECT SIGN

SINGLA ARCHITECTS & ASSOCIATES

EROS MARKET PLACE, PLOT NO- 02, SHOP - 87 1ST. FLOOR
SHAKTI KHAND - 2, INDIRAPURAM, GHAZIABAD (U.P.)

Mob: 9971998445
e-mail : gsingla32@gmail.com,

MEP Consultant:



WeDESIGN Associates

"Engineered to perfection"

Email - wesignconsultancy@gmail.com

Mob. - 9999288416, 9999288407, 9882244495

DEALT BY:-	CHECKED BY:-	SCALE:-	DATE:-	DRG No:-
J.J	D.K	1 : 500	19.09.2023	PL-EXT-01

