



DESIGN CHART SHOWING OF DRAINAGE SYSTEM

S.No.	Line No.	Length	Pipe Dia (mm)	Slope (1 in)	Ground Level(m)		Crown Level(m)		Invert Level(m)		Depth(m)		TYPE OF MANHOLE
					Start	End	Start	End	Start	End	Start	End	
1	D1	D2	17.000	250	0.00	0.00	-0.650	-0.718	-0.900	-0.968	0.900	0.968	A
2	D2	D4	21.000	250	250	0.00	-0.718	-0.802	-0.968	-1.052	0.968	1.052	B
3	D3	D4	22.000	250	250	0.00	-0.650	-0.738	-0.900	-0.988	0.900	0.988	A
4	D4	D5	21.000	300	300	0.00	-0.802	-0.872	-1.102	-1.172	1.102	1.172	B
5	D5	D6	30.000	300	300	0.00	-0.872	-0.972	-1.172	-1.272	1.172	1.272	B
6	D6	RW-1	10.000	300	300	0.00	-0.972	-1.005	-1.272	-1.305	1.272	1.305	B
7	D6	D7	12.000	300	300	0.00	-0.972	-1.012	-1.272	-1.312	1.272	1.312	B
8	D7	D8	13.000	300	300	0.00	-1.012	-1.055	-1.312	-1.355	1.312	1.355	B
9	D9	D10	21.000	250	250	0.00	-0.650	-0.734	-0.900	-0.984	0.900	0.984	A
10	D10	D11	15.000	250	250	0.00	-0.734	-0.794	-0.984	-1.044	0.984	1.044	B
11	D11	RW-2	10.000	250	250	0.00	-0.794	-0.834	-1.044	-1.084	1.044	1.084	B
12	D11	D12	22.000	250	250	0.00	-0.794	-0.882	-1.044	-1.132	1.044	1.132	B
13	D12	D13	24.000	250	250	0.00	-0.882	-0.978	-1.132	-1.228	1.132	1.228	B
14	D13	D14	22.000	300	300	0.00	-0.978	-1.051	-1.278	-1.351	1.278	1.351	B
15	D14	RW-3	10.000	300	300	0.00	-1.051	-1.085	-1.351	-1.385	1.351	1.385	B
16	D14	D15	14.000	300	300	0.00	-1.051	-1.098	-1.351	-1.398	1.351	1.398	B
17	D15	D16	14.000	300	300	0.00	-1.098	-1.145	-1.398	-1.445	1.398	1.445	B
18	D16	D17	23.000	300	300	0.00	-1.145	-1.221	-1.445	-1.521	1.445	1.521	B
19	D17	D18	11.000	450	450	0.00	-1.221	-1.246	-1.671	-1.696	1.671	1.696	C
20	D18	D8	15.000	450	450	0.00	-1.246	-1.279	-1.696	-1.729	1.696	1.729	C
21	D8	D19	12.000	450	450	0.00	-1.279	-1.306	-1.729	-1.756	1.729	1.756	C
22	D19	RW-4	10.000	450	450	0.00	-1.306	-1.328	-1.756	-1.778	1.756	1.778	C
23	RW-4	OVER FLOW	15.000	450	450	0.00	-0.650	-0.683	-1.100	-1.133	1.100	1.133	B

LEGEND :

S.No.	SYMBOL	DESCRIPTION
1.	○	600X600MM DRAINAGE MANHOLE
2.	⊙	9100 /12000/15000 DRAINAGE MANHOLE
3.	□	RAIN WATER HARVESTING PIT
4.	→	DRAINAGE LINE

PROJECT :-  
 PROPOSED "SANFRAN SAROVAR HEIGHTS"  
 MULTI STORIED RESIDENTIAL BUILDING AT  
 ARAZI No.- 134,135,136,137,98 & 97/2  
 MOUZA : LAHARGIRD , JHANSI.

BUILDER & REPRESENTATIVE PERSON :-  
 M/S SANFRAN DEVELOPER PVT. LTD. (CONSORTIUM)  
 SHRI RAJAN MISHRA

DRAWING TITLE :-  
 EXTERNAL DRAINAGE PLUMBING PLAN

ARCHITECTS :  
**Space Designers International**  
 B - 34, SECTOR-67, NOIDA  
 PH : 0120 -3100450,51,52,53  
 Mob: 9811070399 , 9811336231  
 e-mail : spacedsdi@gmail.com , www.spacedi.com

DRAWN BY :- JOGI  
 CHECKED BY :- BHEEM  
 SCALE :- 1:350@A1  
 DATED :- 19-07-2022



OWNER'S SIGN  
 ARCHITECT'S SIGN  
 DRG. NO. -PL-02