

PLANILHA DE DIMENSIONAMENTO

TR : 5 anos
Posto : 8° DISME
Run-Off : 0,60

N	P V		L (m)	AREA (ha)		COTA DA RUA		I RUA (m/m)	T C (min)	VAZAO PROJ (l/s)	DN (m)	I CANAL (m/m)	LAM (%)	VAZAO CANAL (l/s)	VELOC (m/s)		T P (min)	COTA GREIDE	
	MONT	JUS		TRECHO	ACUM	MONT	JUS								VDN	VN		MONT	JUS
COLETOR 1																			
1	1	2	41	0.90	0.90	53.08	51.88	0.029	5.00	235.57	0.40	0.0290	61	345.78	2.75	2.96	0.23	51.68	50.49
2	2	3	39	0.43	1.33	51.88	50.23	0.042	5.23	344.06	0.40	0.0420	68	416.13	3.31	3.69	0.18	50.49	48.85
3	3	4	39	0.43	1.76	50.23	48.43	0.046	5.41	451.28	0.50	0.0370	58	708.16	3.61	3.83	0.17	48.75	47.31
4	4	5	9	0.10	1.86	48.43	48.05	0.042	5.58	472.91	0.50	0.0420	58	754.49	3.84	4.08	0.04	46.93	46.55
COLETOR 2																			
5	5A	5	14	0.10	0.10	48.98	48.05	0.066	5.00	26.17	0.30	0.0660	23	242.22	3.43	2.30	0.10	48.08	47.16
COLETOR 1																			
6	5	8	11	0.04	2.00	48.05	46.58	0.134	5.61	507.58	0.50	0.0700	50	974.05	4.96	4.98	0.04	45.85	45.08
COLETOR 3																			
7	6	7	23	0.14	0.14	47.38	47.89	-0.022	5.00	36.64	0.30	0.0310	32	166.00	2.35	1.90	0.20	46.48	45.77
8	7	8	15	0.09	0.23	47.89	46.58	0.087	5.20	59.59	0.30	0.0320	40	168.66	2.39	2.15	0.12	45.77	45.29
COLETOR 1																			
9	8	10	20	0.08	2.31	46.58	43.75	0.142	5.65	585.19	0.50	0.0700	56	974.05	4.96	5.18	0.06	44.15	42.75
COLETOR 4																			
10	9	10	10	0.04	0.04	43.99	43.75	0.024	5.00	10.47	0.30	0.0270	17	154.92	2.19	1.22	0.14	42.69	42.42
COLETOR 1																			
11	10	11	9	0.04	2.39	43.75	43.25	0.056	5.71	603.55	0.60	0.0270	56	983.70	3.48	3.63	0.04	42.12	41.88
12	11	12	27	0.19	2.58	43.25	42.35	0.033	5.76	650.21	0.60	0.0270	58	983.70	3.48	3.69	0.12	41.88	41.15
13	12	13	26	0.19	2.77	42.35	42.21	0.005	5.88	693.95	0.60	0.0210	68	867.54	3.07	3.42	0.13	41.15	40.60
14	13	14	31	0.22	2.99	42.21	42.04	0.005	6.00	744.48	0.60	0.0210	71	867.54	3.07	3.44	0.15	40.60	39.95
15	14	15	50	0.36	3.35	42.04	40.47	0.031	6.15	828.12	0.80	0.0220	45	1912.33	3.80	3.64	0.23	39.75	38.65
16	15	16	35	0.25	3.60	40.47	39.84	0.018	6.38	880.28	0.80	0.0220	48	1912.33	3.80	3.73	0.16	38.65	37.88
17	16	17	36	0.26	3.86	39.84	38.94	0.025	6.54	936.94	0.80	0.0210	50	1868.36	3.72	3.73	0.16	37.88	37.12
18	17	24	19	0.14	4.00	38.94	39.10	-0.008	6.70	963.66	0.80	0.0210	50	1868.36	3.72	3.73	0.08	37.12	36.72
COLETOR 5																			
19	18	19	28	0.57	0.57	53.54	51.90	0.059	5.00	149.19	0.30	0.0590	58	229.01	3.24	3.44	0.14	52.64	50.99
20	19	20	11	0.10	0.67	51.90	51.05	0.077	5.14	174.16	0.30	0.0770	61	261.63	3.70	3.99	0.05	50.60	49.75
21	20	21	34	1.73	2.40	51.05	47.68	0.099	5.18	622.39	0.50	0.0700	58	974.05	4.96	5.27	0.11	48.55	46.17

PLANILHA DE DIMENSIONAMENTO

TR : 5 anos

Posto : 8° DISME

Run-Off : 0,60

N	P V		L (m)	AREA (ha)		COTA DA RUA		I RUA (m/m)	T C (min)	VAZAO PROJ (l/s)	DN (m)	I CANAL (m/m)	LAM (%)	VAZAO CANAL (l/s)	VELOC (m/s)		T P (min)	COTA GREIDE	
	MONT	JUS		TRECHO	ACUM	MONT	JUS								VDN	VN		MONT	JUS
COLETOR 5																			
21	20	21	34	1.73	2.40	51.05	47.68	0.099	5.18	622.39	0.50	0.0700	58	974.05	4.96	5.27	0.11	48.55	46.17
22	21	22	28	0.03	2.43	47.68	43.92	0.134	5.29	626.76	0.50	0.0700	58	974.05	4.96	5.27	0.09	44.67	42.71
23	22	23	28	0.03	2.46	43.92	40.35	0.127	5.38	631.68	0.50	0.0700	58	974.05	4.96	5.27	0.09	41.21	39.25
24	23	24	10	0.01	2.47	40.35	39.10	0.125	5.47	631.44	0.50	0.0700	58	974.05	4.96	5.27	0.03	37.75	37.05
25	24	25	22	0.04	6.51	39.10	36.27	0.129	6.79	1562.20	0.80	0.0380	58	2513.29	5.00	5.31	0.07	35.67	34.83
26	25	26	22	0.03	6.54	36.27	33.65	0.119	6.85	1564.40	0.80	0.0380	58	2513.29	5.00	5.31	0.07	33.13	32.29
27	26	27	22	0.03	6.57	33.65	31.54	0.096	6.92	1566.60	0.80	0.0380	58	2513.29	5.00	5.31	0.07	30.79	29.95
28	27	28	30	0.04	6.61	31.54	29.00	0.085	6.99	1571.16	0.80	0.0380	58	2513.29	5.00	5.31	0.09	28.84	27.70
29	28	29	30	0.04	6.65	29.00	27.14	0.062	7.09	1573.89	0.80	0.0380	58	2513.29	5.00	5.31	0.09	26.88	25.74
30	29	30	35	0.05	6.70	27.14	25.32	0.052	7.18	1578.96	0.80	0.0380	58	2513.29	5.00	5.31	0.11	24.88	23.55
31	30	31	34	0.05	6.75	25.32	23.98	0.038	7.29	1582.87	0.80	0.0380	58	2513.29	5.00	5.31	0.11	23.55	22.26
32	31	PVE	15	0.02	6.77	23.98	23.59	0.026	7.40	1579.75	0.80	0.0290	80	1630.84	3.24	3.70	0.07	22.13	21.69