

Calculated Data for doc.db

Line Label	Pipe Dia inches	Pipe Length	Flow			Head Loss		Pressure Drop psig	Velocity	
			ft^3/s	USGPM	m^3/s	feet	meters		ft/s	m/s
A	6.0	1000.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
B	6.0	1000.0	-0.206	-92.62	-0.006	1.002	0.305	0.43	1.05	0.32
C	6.0	800.0	1.206	541.45	0.034	25.605	7.804	11.08	6.14	1.87
D	6.0	200.0	2.0	897.61	0.057	17.304	5.274	7.49	10.17	3.1
E	6.0	2000.0	0.793	356.02	0.022	27.903	8.505	12.07	4.03	1.23
F	6.0	1000.0	0.207	92.81	0.006	1.006	0.307	0.44	1.05	0.32
G	1.0	1500.0	-0.0	-0.14	-0.0	0.134	0.041	0.06	0.06	0.02

Node Label	Elevation		Head		Pressure	
	feet	meters	feet	meters	psig	kPa
origin	0.0	0.0	153.988	46.94	66.64	459.49
a	50.0	15.15	153.988	46.94	66.64	459.49
d	0.0	0.0	100.0	30.48	43.28	298.39
c	50.0	15.15	154.122	46.98	66.7	459.89
b	50.0	15.15	154.99	47.24	67.07	462.48
e	20.0	6.06	152.982	46.63	66.21	456.49

Pump Node	Head		Flow	
	feet	meters	USGPM	m^3/hr
origin	63.988	19.504	0.055	0.012

Line Label	Valve Type	Set Pressure			Upstream Pressure			Downstream Pressure		
		feet	psig	kPa	feet	psig	kPa	feet	psig	kPa
F	PRV	55	23.77	163.9	152.98	66.12	455.9	153.99	66.55	458.89