

## Calculated Data for expl\_3.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	5.91	3281.0	3.055	1370.96	0.086	379.233	115.59	164.1	16.04	4.89
B	5.91	3937.2	-1.263	-566.83	-0.036	85.733	26.131	37.1	6.63	2.02
C	5.91	4921.5	1.969	883.53	0.056	246.754	75.211	106.78	10.34	3.15
D	7.87	4921.5	3.027	1358.57	0.086	132.942	40.521	57.53	8.94	2.72
E	11.81	3281.0	0.65	291.69	0.018	0.726	0.221	0.31	0.85	0.26
F	7.87	6562.0	-3.083	-1383.57	-0.087	183.456	55.917	79.39	9.1	2.78
G	9.84	393.72	-0.0	-0.03	-0.0	0.0	0.0	0.0	0.0	0.0
H	5.91	6562.0	1.179	529.24	0.033	125.711	38.317	54.4	6.19	1.89
I	5.91	3281.0	-3.612	-1621.09	-0.102	522.821	159.356	226.24	18.97	5.78

Node Label	Elevation		Head		Pressure	
	feet	meters	feet	meters	psig	kPa
g	0.0	0.0	218.123	66.48	94.4	13.69
e	462.0	140.0	74.289	22.64	32.15	4.66
origin	0.0	0.0	135.0	41.15	58.42	8.47
a	198.0	60.0	-244.233	-74.44	-105.7	-15.33
h	0.0	0.0	200.0	60.96	86.55	12.55
d	495.0	150.0	73.563	22.42	31.84	4.62
b	264.0	80.0	-158.5	-48.31	-68.59	-9.95
i	231.0	70.0	-767.054	-233.8	-331.96	-48.14
c	330.0	100.0	-59.378	-18.1	-25.7	-3.73

Pump Node	Head		Flow	
	feet	meters	USGPM	m^3/hr
g	38.123	11.62	-0.028	-0.006

Line Label	Valve Type	Set Pressure			Upstream Pressure			Downstream Pressure		
		feet	psig	kPa	feet	psig	kPa	feet	psig	kPa
F	BPV	195	84.39	581.87	73.56	31.79	219.22	-767.05	-331.53	-2285.87