

Calculated Data for expl_6.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	8.0	1000.0	0.567	254.6	0.016	1.455	0.443	0.63	1.62	0.49
B	6.0	2000.0	0.663	297.55	0.019	17.315	5.278	7.49	3.37	1.03
C	8.0	2000.0	1.337	600.11	0.038	15.424	4.701	6.67	3.83	1.17
D	8.0	1000.0	0.687	308.33	0.019	2.105	0.642	0.91	1.97	0.6
E	6.0	1000.0	0.65	291.77	0.018	8.331	2.539	3.61	3.31	1.01
F	6.0	1000.0	-0.096	-42.96	-0.003	0.215	0.066	0.09	0.49	0.15
G	6.0	1000.0	0.783	351.29	0.022	11.987	3.654	5.19	3.98	1.21

Node Label	Elevation		Head		Pressure	
	feet	meters	feet	meters	psig	kPa
g	80.0	24.24	193.17	58.88	83.6	576.41
d	80.0	24.24	181.182	55.22	78.41	540.64
origin	80.0	24.24	180.0	54.86	77.9	537.11
a	80.0	24.24	180.967	55.16	78.32	540.0
e	80.0	24.24	185.0	56.39	80.06	552.03
c	80.0	24.24	179.077	54.58	77.5	534.35
b	80.0	24.24	163.653	49.88	70.82	488.33

Pump Node	Head		Flow	
	feet	meters	USGPM	m ³ /hr
g	18.17	5.538	351.266	79.786