Calculated Data for expl_6.db

Line Label	Pipe Dia inches	Pipe Length feet	Flow ft^3/s	USGPM	m^3/s	Head Loss ft	meters	Pressure Drop psid	Velocity 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	Head feet	meters	Pressure psig	kPa
g	113.17	34.49	48.98	337.69
d	101.182	30.84	43.79	301.92
origin	100.0	30.48	43.28	298.39
a	100.967	30.77	43.7	301.28
e	105.0	32.0	45.44	313.31
c	99.077	30.2	42.88	295.64
b	83.653	25.5	36.2	249.61

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

Fittings for line A	Quantity

Fittings for line B	Quantity

Fittings for line C	Quantity

Fittings for line D	Quantity

Fittings for line E	Quantity

Fittings for line F	Quantity

Fittings for line G	Quantity