Calculated Data for expl_2.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	6.0	1000.0	1.108	497.11	0.031	27.475	8.374	11.87	5.63	1.72
B	6.0	1000.0	1.065	478.16	0.03	25.452	7.758	11.0	5.42	1.65
C	6.0	800.0	-0.065	-29.33	-0.002	0.102	0.031	0.04	0.33	0.1
D	6.0	200.0	0.892	400.55	0.025	3.595	1.096	1.55	4.54	1.38
E	6.0	2000.0	0.958	429.95	0.027	41.311	12.592	17.85	4.87	1.49
F	6.0	1000.0	0.042	18.88	0.001	0.058	0.018	0.03	0.21	0.07
G	1.0	1500.0	0.0	0.07	0.0	0.135	0.041	0.06	0.03	0.01

Node Label	Head feet	meters	Pressure psig	kPa
origin	149.093	45.44	64.42	444.17
a	121.619	37.07	52.55	362.32
d	100.0	30.48	43.21	297.92
c	96.405	29.38	41.65	287.21
b	96.166	29.31	41.55	286.49
e	121.56	37.05	52.52	362.15

Pump Node	Head feet	meters	Flow USGPM	m^3/hr
origin	59.093	18.012	497.081	112.907

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