

Calculated Data for expl_1.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	1072.82	1.044	468.5	0.03	4.93	1.503	2.13	2.99	0.91
B	12.0	731.09	0.645	289.68	0.018	0.171	0.052	0.07	0.82	0.25
C	10.0	1000.0	1.186	532.39	0.034	1.875	0.571	0.81	2.17	0.66
D	12.0	500.0	3.416	1533.28	0.097	2.884	0.879	1.25	4.34	1.32
E	10.0	1222.84	1.689	758.18	0.048	4.554	1.388	1.97	3.09	0.94
F	6.0	600.0	1.656	743.16	0.047	30.321	9.242	13.12	8.42	2.57
G	8.0	800.0	2.804	1258.62	0.079	25.596	7.802	11.08	8.02	2.45

Fittings for line A	Quantity
Globe Valve Y-Pattern	1
Globe Valve Right Angle	1

Fittings for line B	Quantity
Plug Valve 2-Way	1

Fittings for line E	Quantity
Globe Valve Y-Pattern	2
Globe Valve Right Angle	1