

Calculated Data for expl_5.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	1000.05	0.842	377.92	0.024	3.125	0.952	1.35	2.41	0.73
B	6.0	2000.1	0.666	299.08	0.019	17.49	5.331	7.57	3.39	1.03
C	8.0	2000.1	1.334	598.58	0.038	15.309	4.666	6.62	3.81	1.16
D	8.0	1000.05	0.579	259.75	0.016	1.512	0.461	0.65	1.66	0.5
E	6.0	1000.05	0.755	338.83	0.021	11.168	3.404	4.83	3.84	1.17
F	6.0	1000.05	0.176	78.83	0.005	0.669	0.204	0.29	0.89	0.27
G	6.0	1000.05	0.403	180.92	0.011	3.285	1.001	1.42	2.05	0.62

Node Label	Elevation		Head		Pressure	
	feet	meters	feet	meters	psig	kPa
origin	0.0	0.0	117.299	35.75	50.76	349.75
a	0.0	0.0	114.174	34.8	49.41	340.44
e	0.0	0.0	123.48	37.64	53.44	368.18
c	0.0	0.0	112.312	34.23	48.61	334.88
g	0.0	0.0	116.748	35.58	50.52	348.11
d	0.0	0.0	113.505	34.6	49.12	338.44
b	0.0	0.0	96.684	29.47	41.84	288.28

Pump Node	Head		Flow	
	feet	meters	USGPM	m ³ /hr
origin	17.325	5.281	377.89	85.834
e	18.52	5.645	338.806	76.956
g	21.773	6.636	180.904	41.09