

Hydraulic Summary

WATER SUPPLY INFORMATION:

Static (psi): 106.00
Residual (psi): 92.00
 @ (gpm): 1,470.00
Hose (gpm): 100.00

System req. (gpm): 1,100.72
 @ (psi): 50.09

Supply available: 97.80 psi
Safety margin: 47.71 psi

Maximum velocity in the system is: 14.79 ft/sec in the pipe between Nodes: 251 and L21

Continuity at all nodes satisfied to: 0.01 gpm

Pipe Type Legend

40 = Schedule 40
10 = Schedule 10
D0 = Ductile Iron Class 50

Fitting Type Legend

E = 90 degree standard elbow
T = Tee (flow turned 90 degrees)
BV = Butterfly valve
GV = Gate valve

NOTES: