



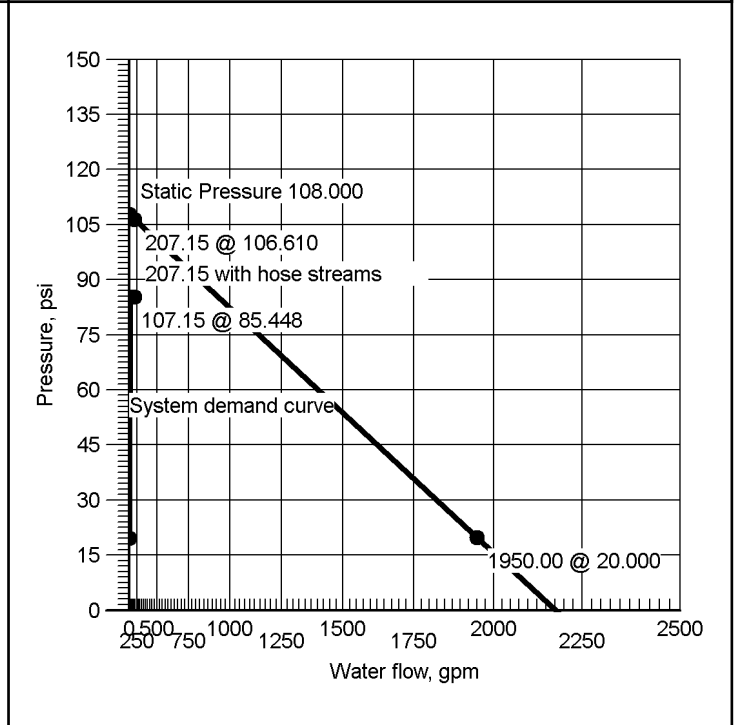
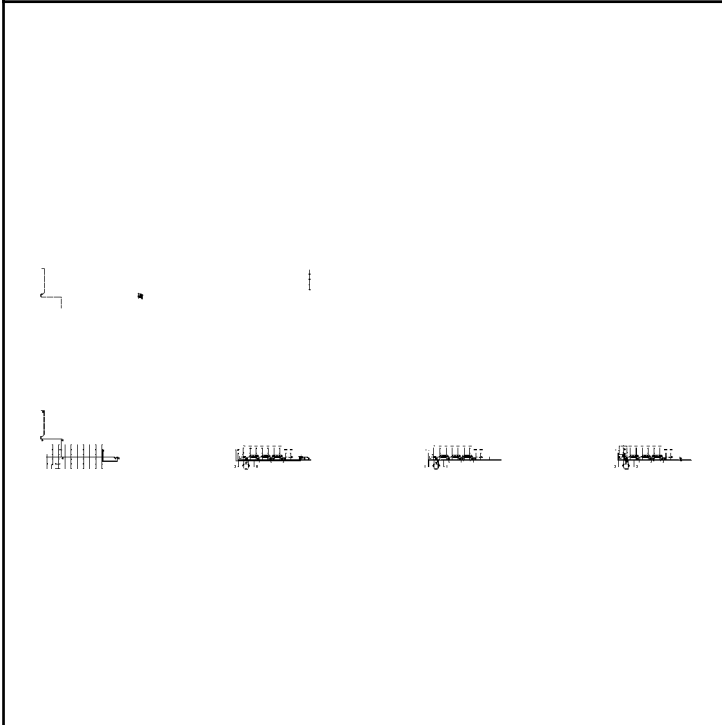
Job	
Job Number 4807-Hampton Inn	Designer FSI
Job Name: Hampton Inn Baldwin	Phone FAX
Address 1 1515 Meridian S	State Certification/License Number
Address 2 Puyallup, WA	AHJ
Address 3	Job Site/Building

System	
Density 0.10 gpm/ft ²	Area of Application 900 ft ² (Actual 365 ft ²)
Most Demanding Sprinkler Data 4.9 K-Factor 25.60 at 27.295	Hose Streams 100.00
Coverage Per Sprinkler 256 ft ²	Number Of Sprinklers Calculated: 4 Number Of Nozzles Calculated: 0
System Pressure Demand 85.448	System Flow Demand 107.15
Total Demand 207.15 @ 85.448	Pressure Result +21.162 (19.8%)

Supplies					
Node	Name	Flow(gpm)	Hose Flow(gpm)	Static(psi)	Residual(psi)
1	Water Supply	1950.00	100.00	108.000	20.000

Check Point Gauges			
Identifier	Pressure(psi)	K-Factor(K)	Flow(gpm)

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Hydraulic Overview

Job Number: 4807-Hampton Inn
Report Description: Light Hazard

Job	
Job Number 4807-Hampton Inn	Designer FSI
Job Name: Hampton Inn Baldwin	Phone FAX
Address 1 1515 Meridian S	State Certification/License Number
Address 2 Puyallup, WA	AHJ
Address 3	Job Site/Building

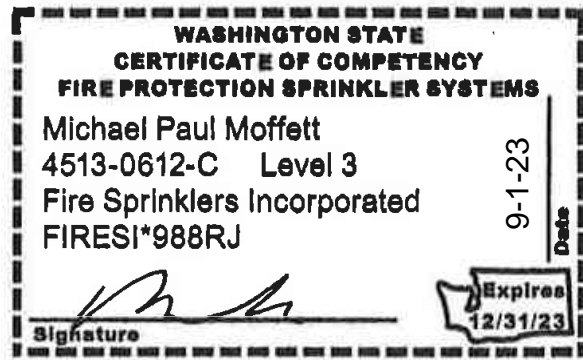
System		
Density 0.10 gpm/ft ²	Area of Application 1500 ft ² (Actual 184 ft ²)	
Most Demanding Sprinkler Data 4.9 K-Factor 12.96 at 7.000	Hose Streams 100.00	
Coverage Per Sprinkler 225 ft ²	Number Of Sprinklers Calculated 4	Number Of Nozzles Calculated 0
System Pressure Demand 37.802	System Flow Demand 52.59	
Total Demand 152.59 @ 37.802	Pressure Result +69.408 (64.7%)	

Supplies

Node	Name	Flow(gpm)	Hose Flow(gpm)	Static(psi)	Residual(psi)
1	Water Supply	1950.00	100.00	108.000	20.000

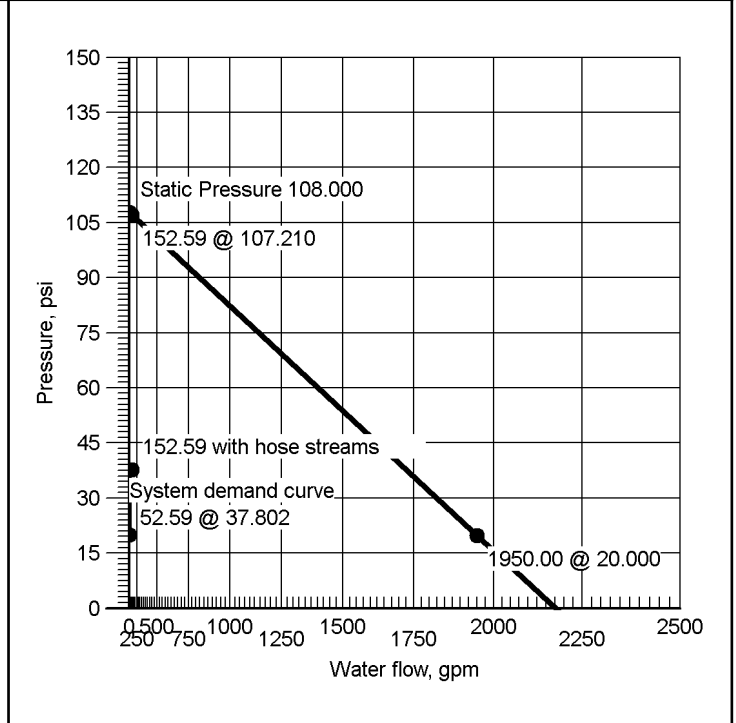
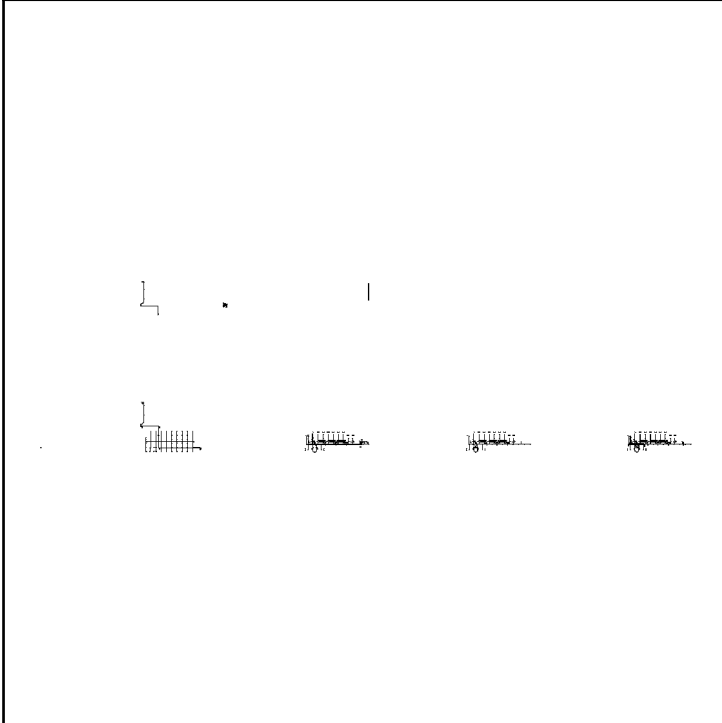
Check Point Gauges

Identifier	Pressure(psi)	K-Factor(K)	Flow(gpm)
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Water Supply at Node 1 (1950.00, 0.00, 108.000, 20.000)





Hydraulic Overview

Job Number: 4807-Hampton Inn
Report Description: Ordinary Group I

Job	
Job Number 4807-Hampton Inn	Designer FSI
Job Name: Hampton Inn Baldwin	Phone FAX
Address 1 1515 Meridian S	State Certification/License Number
Address 2 Puyallup, WA	AHJ
Address 3	Job Site/Building

System		
Density 0.15 gpm/ft ²	Area of Application 2100 ft ² (Actual 2176 ft ²)	
Most Demanding Sprinkler Data 5.6 K-Factor 19.50 at 12.130	Hose Streams 250.00	
Coverage Per Sprinkler 130 ft ²	Number Of Sprinklers Calculated 17	Number Of Nozzles Calculated 0
System Pressure Demand 65.697	System Flow Demand 349.04	
Total Demand 599.04 @ 65.697	Pressure Result +32.390 (33.0%)	

Supplies

Node	Name	Flow(gpm)	Hose Flow(gpm)	Static(psi)	Residual(psi)
1	Water Supply	1950.00	250.00	108.000	20.000

Check Point Gauges

Identifier	Pressure(psi)	K-Factor(K)	Flow(gpm)
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Water Supply at Node 1 (1950.00, 0.00, 108.000, 20.000)

