

333 Bent Road, Wyncote, PA



Fire System Details:

- February 2018 Inspections
- Installation Inspections
- Sprinkler Floor Plans
- System Specs
- Fire Extinguisher Inspections, May 2018

Fire Alarm and Life Safety System Inspection Certificate

For

Pahrtners Deaf Services
333 Bent Road
Wyncote, PA 19095

Tested to NFPA 72 Standards

This Inspection was performed in accordance with applicable NFPA Standards. The subsequent pages of this report provide performance measurements, listed ranges of acceptable results, and complete documentation of the inspection. Whenever discrepancies exist between acceptable performance standards and actual test results, notes and/or recommended solutions have been proposed or provided for immediate review and approval.

Inspection Date
Feb 2, 2018

Building: Pahrtners Deaf Services
Contact: Lynne Heitmeyer
Title: Facilities Manager


Company: Advent Security Corporation
Contact: Scott A. Bluhm
Title: Lead Fire Inspector

Executive Summary

Generated by: BuildingReports.com

Building Information		
Building: Pahrtners Deaf Services	Contact: Lynne Heitmeyer	
Address: 333 Bent Road	Phone: (570) 592-3100	
Address:	Fax:	
City/State/Zip: Wyncote, PA 19095	Mobile:	
Country: United States of America	Email: lheimeyer@salisburygmt.com	
Inspection Performed By		
Company: Advent Security Corporation	Inspector: Scott A. Bluhm	
Address: 101 Roesch Ave	Phone: 215-576-7111	
Address:	Fax: 215-576-7852	
City/State/Zip: Orelan, PA 19075	Mobile:	
Country: United States of America	Email: scottb@adventsecurity.com	
System Control Unit		
Manufacturer: Silent Knight	Inspection Date: 02/02/2018	IDC Style:
Model Number: 5808	Install Date: 07/02/2015	SLC Style:
Software Version:	Version Date: 07/02/2015	NAC Style:
Location: Basement	Current Protection: Breaker	
Monitoring		
Company:	Phone:	Account #:
Central Station Signal Verification		
Type:	Mfg:	Model #:
Test Time/Date:	Restore Time	

Inspection Summary								
Category	Total Items		Serviced		Passed		Failed/Other	
	Qty	%	Qty	%	Qty	%	Qty	%
Monitor	1	2.56%	1	100.00%	1	100.00%	0	0%
Supervisory	6	15.38%	6	100.00%	6	100.00%	0	0%
Initiating	28	71.79%	28	100.00%	28	100.00%	0	0%
Control	4	10.26%	4	100.00%	4	100.00%	0	0%
Totals	39	100%	39	100.00%	39	100.00%	0	0%

Certification	
Company: Advent Security Corporation	Building: Pahrtners Deaf Services
Inspector: Scott A. Bluhm	Contact: Lynne Heitmeyer
	
Signed: Feb 2, 2018 2:42:48 PM	Signed:
Scott A. Bluhm	
Certification Type	Number

Inspection & Testing

Generated by: BuildingReports.com

Building: Pahrtners Deaf Services		Control Panel: 1 - Silent Knight 5808		
<i>The Inspection & Testing section lists all of the items inspected in your building. Items are grouped by Passed or Failed/Other. Items are listed by Category. Each item includes the services performed, and the time & date at which testing occurred.</i>				
Device Type	Location	Service	Time	Date
<i>Passed</i>				
Control				
Annunciator	1st Front Entrance	Tested	2:25:00 PM	02/02/2018
Battery	Basement Panel #1	Tested	1:50:15 PM	02/02/2018
Battery	Basement Panel #2	Tested	1:50:32 PM	02/02/2018
Control Panel	Basement	Tested	1:46:50 PM	02/02/2018
Initiating				
CO Detector	Basement	Tested	2:33:43 PM	02/02/2018
CO Detector	1st Foyer	Tested	2:24:32 PM	02/02/2018
CO Detector	1st Laundry	Tested	2:27:21 PM	02/02/2018
CO Detector	2nd Hallway	Tested	2:17:28 PM	02/02/2018
CO Detector	3rd Hallway	Tested	2:00:56 PM	02/02/2018
Heat Detector	Attic	Tested	1:54:20 PM	02/02/2018
Pull Station	Basement	Tested	2:35:58 PM	02/02/2018
Smoke Detector	Basement Bottom Of Stairs	Tested/Cleaned	2:32:26 PM	02/02/2018
Smoke Detector	Basement Panel Area	Tested/Cleaned	2:34:17 PM	02/02/2018
Smoke Detector	Basement South End	Tested/Cleaned	2:31:07 PM	02/02/2018
Smoke Detector	1st Foyer	Tested/Cleaned	2:25:20 PM	02/02/2018
Smoke Detector	1st Laundry Room	Tested/Cleaned	2:27:58 PM	02/02/2018
Smoke Detector	2nd Hallway	Tested/Cleaned	2:18:12 PM	02/02/2018
Smoke Detector	2nd Master Bedroom East Wall	Tested/Cleaned	2:12:35 PM	02/02/2018
Smoke Detector	2nd Master Bedroom Middle	Tested/Cleaned	2:08:22 PM	02/02/2018
Smoke Detector	2nd Master Bedroom Walk-In Closet	Tested/Cleaned	2:13:05 PM	02/02/2018
Smoke Detector	2nd Master Bedroom West Wall	Tested/Cleaned	2:09:49 PM	02/02/2018
Smoke Detector	2nd Middle Bedroom	Tested/Cleaned	2:19:40 PM	02/02/2018
Smoke Detector	2nd Northeast Bedroom	Tested/Cleaned	2:15:58 PM	02/02/2018
Smoke Detector	2nd Southeast Bedroom	Tested/Cleaned	2:22:47 PM	02/02/2018
Smoke Detector	2nd Southwest Bedroom	Tested/Cleaned	2:21:05 PM	02/02/2018
Smoke Detector	3rd Hallway	Tested/Cleaned	2:01:26 PM	02/02/2018
Smoke Detector	3rd Middle Bedroom	Tested/Cleaned	2:02:44 PM	02/02/2018
Smoke Detector	3rd Top Of Stairs	Tested/Cleaned	1:58:17 PM	02/02/2018
Smoke Detector	3rd Northeast Bedroom	Tested/Cleaned	1:57:02 PM	02/02/2018
Smoke Detector	3rd Southeast Bedroom	Tested/Cleaned	2:06:35 PM	02/02/2018
Smoke Detector	3rd Southwest Bedroom	Tested/Cleaned	2:05:20 PM	02/02/2018
Waterflow Switch	Basement Riser	Tested	2:40:56 PM	02/02/2018
Monitor				
Low Temperature	Basement Riser	Tested	2:36:48 PM	02/02/2018
Supervisory				

Device Type	Location	Service	Time	Date
<i>Passed</i>				
Fire Pump Power	Basement	Tested	2:42:15 PM	02/02/2018
Fire Pump Running	Basement	Tested	2:41:50 PM	02/02/2018
Tamper Switch	Basement Riser Center	Tested	2:38:26 PM	02/02/2018
Tamper Switch	Basement Riser Left	Tested	2:38:09 PM	02/02/2018
Tamper Switch	Basement Riser Right	Tested	2:39:27 PM	02/02/2018
Tamper Switch	3rd Closet	Tested	1:56:09 PM	02/02/2018

Service Summary

Generated by: BuildingReports.com

Building: Pahrtners Deaf Services

The Service Summary section provides an overview of the services performed in this report.

Device Type	Service	Quantity
<i>Passed</i>		
Annunciator	Tested	1
Battery	Tested	2
CO Detector	Tested	5
Control Panel	Tested	1
Fire Pump Power	Tested	1
Fire Pump Running	Tested	1
Heat Detector	Tested	1
Low Temperature	Tested	1
Pull Station	Tested	1
Smoke Detector	Tested/Cleaned	20
Tamper Switch	Tested	4
Waterflow Switch	Tested	1
Total		39

Battery & Power Supply Testing

Generated by: BuildingReports.com

Building: Pahrtners Deaf Services				Control Panel: 1 - Silent Knight 5808			
<i>The Control & Power Testing section details the readings and measurements of batteries and power supplies used to provide power to the fire alarm and life safety systems. Items are grouped by Passed or Failed/Other.</i>							
Type	Location	Rated Ah	Rated Volts	Pre Test	Post Test	Min Ah	Tested Ah
<i>Passed</i>							
Battery							
Sealed Lead Acid	Basement Panel #1	7	12	13.67		5	7
Sealed Lead Acid	Basement Panel #2	7	12	13.75		5	7

Inventory & Warranty Report

Generated by: BuildingReports.com

Building: Pahrtners Deaf Services			Control Panel: 1 - Silent Knight 5808		
The Inventory & Warranty Report lists each of the devices and items that are included in your Inspection Report. A complete inventory count by device type and category is provided. Items installed within the last 90 days, within the last year, and devices installed for two years or more are grouped together for easy reference.					
Device or Item		Category		% of Inventory	Quantity
Control Panel		Control		2.56%	1
Battery		Control		5.13%	2
Heat Detector		Initiating		2.56%	1
Tamper Switch		Supervisory		10.26%	4
Smoke Detector		Initiating		51.28%	20
CO Detector		Initiating		12.82%	5
Annunciator		Control		2.56%	1
Pull Station		Initiating		2.56%	1
Low Temperature		Monitor		2.56%	1
Waterflow Switch		Initiating		2.56%	1
Fire Pump Running		Supervisory		2.56%	1
Fire Pump Power		Supervisory		2.56%	1
Type	Qty	Model #	Description	Install Date	
In Service - 1 Year to 2 Years					
Firetrol					
Fire Pump Power	1			09/17/2016	
Fire Pump Running	1			09/17/2016	
In Service - 2 Years to 3 Years					
Yuasa					
Battery	2	NP7-12	Sealed Lead Acid	09/23/2015	
Edwards					
Heat Detector	1	282B-PL	Combination	07/02/2015	
GE					
CO Detector	5	250-CO		07/02/2015	
Silent Knight					
Annunciator	1	SK-5860	LCD Display	07/02/2015	
Control Panel	1	5808		07/02/2015	
Pull Station	1	SD-500	Dual Action	07/02/2015	
Smoke Detector	20	SD-505 APS	Photoelectric	07/02/2015	
In Service - 15 Years to 25 Years					
Potter Electric					
Low Temperature	1	RTS-O		01/01/2001	
Tamper Switch	1	OSYSU-2		01/01/2001	
Waterflow Switch	1	VSR-S		01/01/2001	

Victaulic

Tamper Switch

3

728

01/01/2001

Zone Address Report

Generated by: BuildingReports.com

Building: Pahrtners Deaf Services

Control Panel: 1 - Silent Knight
5808

The Zone Address Report lists all of the devices and items that have an individual address, or are grouped together under a common zone. The device type, location, and description are included for your reference.

Address	Device Type	Location	Type	ScanID
Zone/Circuit: 33:				
1	Waterflow Switch	Basement Riser		42542137
10	Smoke Detector	Basement South End	Photoelectric	42542171
11	Smoke Detector	Basement Bottom Of Stairs	Photoelectric	42542170
12	Smoke Detector	2nd Northeast Bedroom	Photoelectric	42542157
13	Smoke Detector	2nd Middle Bedroom	Photoelectric	42542163
14	Smoke Detector	2nd Southeast Bedroom	Photoelectric	42542166
15	Smoke Detector	2nd Southwest Bedroom	Photoelectric	42542164
16	Smoke Detector	2nd Master Bedroom East Wall	Photoelectric	42542158
17	Smoke Detector	3rd Northeast Bedroom	Photoelectric	42542151
18	Smoke Detector	3rd Middle Bedroom	Photoelectric	42542152
19	Smoke Detector	3rd Top Of Stairs	Photoelectric	42542156
2	Tamper Switch	Basement Riser Center		42542139
2	Tamper Switch	Basement Riser Left		42542138
2	Tamper Switch	Basement Riser Right		42542140
20	Smoke Detector	3rd Southeast Bedroom	Photoelectric	42542155
21	Smoke Detector	3rd Southwest Bedroom	Photoelectric	42542154
23	CO Detector	Basement		42542144
24	CO Detector	1st Foyer		42542145
25	CO Detector	1st Laundry		42542146
26	CO Detector	2nd Hallway		42542147
27	CO Detector	3rd Hallway		42542148
28	Smoke Detector	2nd Master Bedroom Walk-In Closet	Photoelectric	42542161
29	Smoke Detector	2nd Master Bedroom West Wall	Photoelectric	42542159
3	Pull Station	Basement	Dual Action	42542136
30	Smoke Detector	2nd Master Bedroom Middle	Photoelectric	42542160
31	Low Temperature	Basement Riser		42542141
32	Fire Pump Running	Basement		42542142
33	Fire Pump Power	Basement		42542143
34	Tamper Switch	3rd Closet		42542149
4	Heat Detector	Attic	Combination	42542150
5	Smoke Detector	Basement Panel Area	Photoelectric	42542172
6	Smoke Detector	1st Foyer	Photoelectric	42542169
7	Smoke Detector	1st Laundry Room	Photoelectric	42542168
8	Smoke Detector	2nd Hallway	Photoelectric	42542162
9	Smoke Detector	3rd Hallway	Photoelectric	42542153



Property Being Inspected: Salisbury Management Inspection Date: 2/2/2018 12:42:38 PM
Address: 333 Bent Road Inspection Type: Sprinkler Annual
City, ST, Zip: Wyncote, PA 19095 Inspected By: Wayne Hassler

System Name: 1 Wet
System Type: Sprinkler - Wet Pipe

Pass Fail N/A

SI Sprinkler Systems NFPA 25 08

Notifications Prior to Testing and Maintenance

☒ ☐ ☐ IM.SS.2.6 Notifications made prior to testing or maintenance?

Control Valves

- ☒ ☐ ☐ IW.SS.2.1 Control valves identified and have proper signage?
☒ ☐ ☐ IW.SS.2.2 Signage on control valve indicates locations of other valves?
☒ ☐ ☐ IW.SS.2.3 Normally open control valves secured / supervised?
☒ ☐ ☐ IW.SS.2.4 Normally closed control valves sealed / supervised?
☒ ☐ ☐ IW.SS.2.5 Control valves in good working condition? (See list.)
☒ ☐ ☐ IM.SS.2.3 Condition of tamper switches on control valves ok?
☒ ☐ ☐ IM.SS.2.7 All system control valves protected from physical damage and accessible?
☒ ☐ ☐ IM.SS.2.8 Adequate provisions for drainage made prior to testing?
☒ ☐ ☐ TA.SS.3.1 Each control valve operating normally?
☒ ☐ ☐ TS.SS.3.1 Control valves give distinctive signal when moved from normal position? (See text.)
☒ ☐ ☐ TS.SS.3.2 Signal not restored at any valve position except the normal position?

Main Drain

☒ ☐ ☐ TA.SS.2.1 Main drain test passed.

Static 1 (psi) 100

Residual (psi) 80

Static 2 (psi) 100

☒ ☐ ☐ TA.SS.3.8 Verified adequate drainage for test?

Gauges

☒ ☐ ☐ IM.SS.1.1 Gauges in good condition and displaying normal pressure?

Waterflow Devices

- ☒ ☐ ☐ IQ.SS.1 Alarm devices free of physical damage?
☒ ☐ ☐ TQ.SS.2.1 Wet pipe waterflow devices ok?

Fire Pump

- ☒ ☐ ☐ IW.SS.6.1 Water flowing through circulation relief valve at churn?
☒ ☐ ☐ IW.SS.6.2 Pressure downstream of relief valve fittings does not exceed system rating?
☒ ☐ ☐ IA.SS.10.2 Fire pump pressure relief valve correctly adjusted?
☒ ☐ ☐ TA.SS.9.2 Fire pump pressure relief valves adjusted to relieve at correct pressure?

Sprinklers

- ☒ ☐ ☐ IA.SS.5.1 Sprinklers in good condition and oriented correctly?
☒ ☐ ☐ IA.SS.5.2 Sprinklers checked for lab or replacement requirements?
☒ ☐ ☐ IA.SS.5.3 Sprinklers free from replacement conditions?
☒ ☐ ☐ IA.SS.5.4 Sprinkler bulbs are full?
☒ ☐ ☐ IA.SS.5.6 Minimum sprinkler clearance maintained?
☒ ☐ ☐ IA.SS.5.7 Sprinkler spare requirements met?

Fire Department Connections

- ☒ ☐ ☐ IQ.SS.4.1 FD connections (exterior) are visible, accessible, and in good condition.
☒ ☐ ☐ IQ.SS.4.2 FD connections (interior) free of obstructions and connection clapper is operational?

Piping, Hangers, and Braces

- ☒ ☐ ☐ IA.SS.3 Sprinkler pipe hanger/seismic bracing ok?
☒ ☐ ☐ IA.SS.4.1 Pipe and fittings in good condition?
☒ ☐ ☐ IA.SS.4.2 Sprinkler piping not subjected to external loads?

General Inspection, Testing, and Maintenance

- ☒ ☐ ☐ IA.SS.1 Wet pipe sys - not exposed to freezing conditions and adequately heated?
☒ ☐ ☐ TA.SS.14 Solutions in antifreeze tested?

Antifreeze Systems

Location	Attic
Type (Glycerine or Propylene Glycol)	prop. gly
Correct Kind?	Yes
Specific Gravity	-15

- ☒ ☐ ☐ MAN.SS.2 Inspection, testing, and maintenance records maintained?

Notifications After Testing or Maintenance

- ☒ ☐ ☐ TQ.SS.1 Notifications made after testing or maintenance?

The service technician listed on this report certifies that the information on this form is correct at the time and place of this inspection, and that all equipment tested at this time was left in operating condition upon completion of this inspection except as noted.

Company
Representative:

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Wayne Hassler
2/2/2018



Property Being Inspected:	Salisbury Management	Inspection Date:	2/2/2018 12:42:39 PM
Address:	333 Bent Road	Inspection Type:	Pump Annual Test
City, ST, Zip	Wyncote, PA 19095	Inspected By:	Wayne Hassler

GENERAL INFORMATION

System Name	1 pump	Driver Type	Electric
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PUMP RATING

Sprinkler Demand	0 psi @ 0 gpm	Rating	0 psi @ 0 gpm 100 psi @ 50 gpm 85 psi @ 75 gpm
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PUMP CONTROLLER

Controller_Volts	0	Timer on Controller	No
Transfer Switch	No		

JOCKEY PUMP

Motor Volts	0	Controller Volts	0
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PUMP DRIVER

Volts	0
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Pass Fail N/A

SI Fire Pumps NFPA 25 08

Inspection Tasks

- | | | | |
|-------------------------------------|--------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | IW.FP.1.1 Heat is adequate in pump house. Ventilating louvers operate freely. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | IW.FP.1.2 Pump system inspected and in good condition (see list). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | IW.FP.1.3 Pump house electrical system inspected and in good condition (see list). |

Testing Tasks

- | | | | |
|-------------------------------------|--------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | TW.FP.1 Pump operation w/ no-flow condition passed. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | TW.FP.3 Electric motor tested and passed. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | TW.FP.4 Electrical system conditions checked and passed (see list). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | TA.FP.2.1 Alarm conditions simulated and alarm indicating devices observed for operation. |

- ☒ ☐ ☐ TA.FP.2.4 Fire pump and driver alignment tested and passed.
- ☒ ☐ ☐ T3.FP.1 3 year fire pump test
- ☒ ☐ ☐ TO.FP.1.3 Pump room environmental conditions passed.

Maintenance Tasks

- ☒ ☐ ☐ MV.FP.1 Pump system maintenance performed.
- ☒ ☐ ☐ MV.FP.3 Electrical system maintenance performed.
- ☒ ☐ ☐ MV.FP.4.6 Motor electrical system maintenance performed.

Common Items

- ☒ ☐ ☐ C.FP.999 Capture customer and inspector signatures.

Fire Pump Test Results

Pump Rating

0 psi @ 0 gpm 100 psi @ 50 gpm 85 psi @ 75 gpm

Pump operation passed at minimum, rated, and peak flows

Hose	Suction PSI	Discharge PSI	Pitot PSI	GPM	Total GPM	Net PSI	RPM	Volts	Amps
Churn	3	104	Hose 1:	0	0	0	101 3450	0	0
								0	0
								0	0
100%	2	100	Hose 1:	40	50	50	98 3450	0	0
			Hose 2:	0	0			0	0
			Hose 3:	0	0			0	0
			Hose 4:	0	0				
			Hose 5:	0	0				
			Hose 6:	0	0				
166%	2	90	Hose 1:	5	83	83	88 3450	0	0
			Hose 2:	0	0			0	0
			Hose 3:	0	0			0	0
			Hose 4:	0	0				
			Hose 5:	0	0				
			Hose 6:	0	0				

I, the inspector, state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of this inspection except as noted.

Company Representative:

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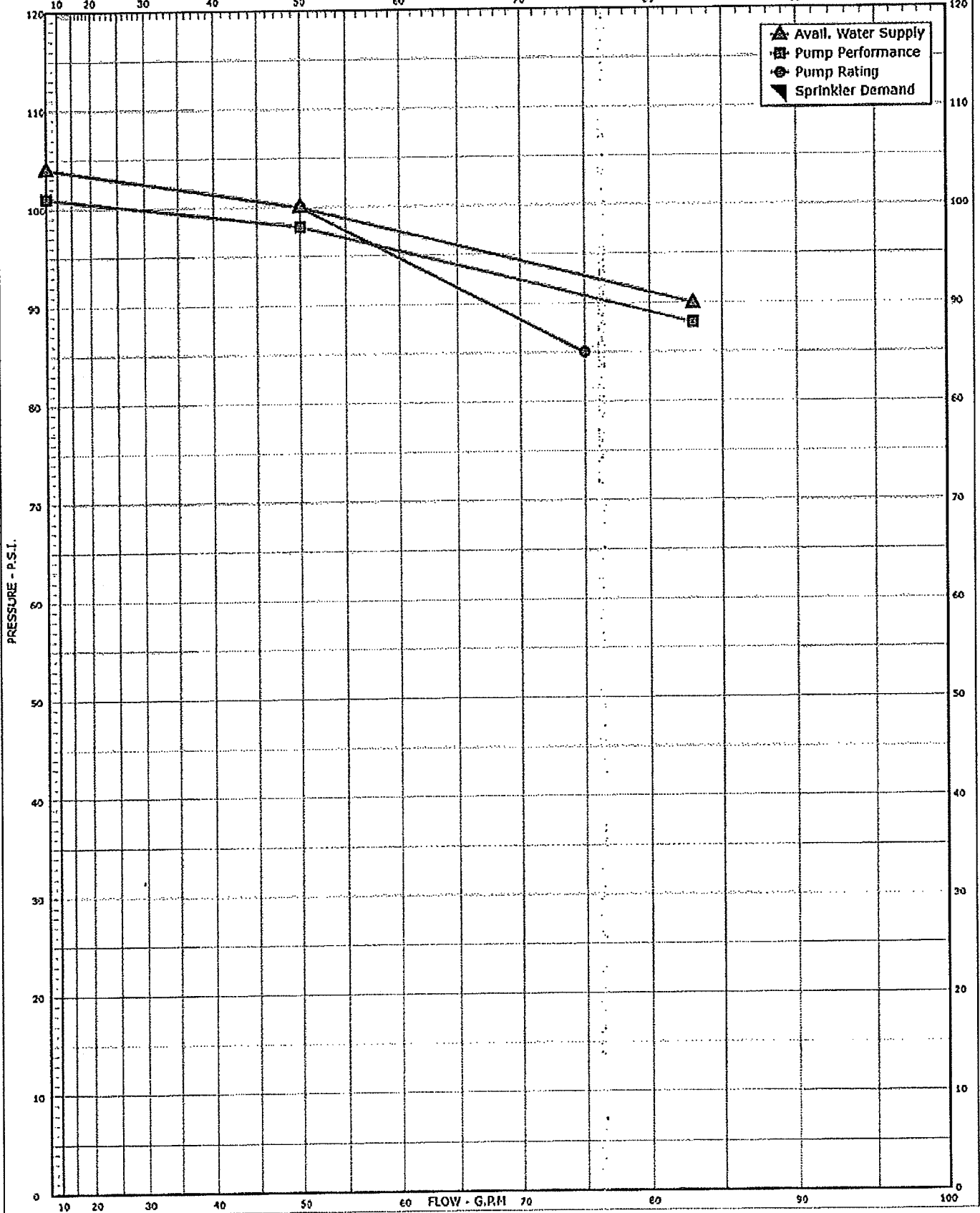
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Inspector:

Wayne Hassler
2/2/2018

1 pump Graph



SYSTEM ACCEPTANCE

Deluge and Preaction valves N/A	Operation: <input type="checkbox"/> Pneumatic <input type="checkbox"/> Electric <input type="checkbox"/> Hydraulic							
	Piping supervised <input type="checkbox"/> Yes <input type="checkbox"/> No				Detecting media supervised <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Does valve operate from the manual trip, remote, or both control stations? <input type="checkbox"/> Yes <input type="checkbox"/> No							
	Is there an accessible facility in each circuit for testing? <input type="checkbox"/> Yes <input type="checkbox"/> No				If no, explain:			
	Make / Model		Does each circuit operate supervision loss alarm?		Does each circuit operate valve release		Maximum time to operate release	
		Yes	No	Yes	No	Minutes	Seconds	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Pressure reducing valve test N/A	Location and floor	Make / Model	Setting	Static pressure		Residual pressure (flowing)		Flow rate
				Inlet (psi)	Outlet (psi)	Inlet (psi)	Outlet (psi)	Flow (gpm)
Test description	<p>Hydrostatic: Hydrostatic tests shall be made at not less than 200 psi (13.6 bar) for 2 hours or 50 psi (3.4 bar) above static pressure in excess of 150 psi (10.2 bar) for 2 hours. Differential dry-pipe valve clappers shall be left open during the test to prevent damage. All aboveground piping leakage shall be stopped.</p> <p>Pneumatic: Establish 40 psi (2.7 bar) air pressure and measure drop, which shall not exceed 1 ½ psi (0.1 bar) in 24 hours. Test pressure tanks at normal water level and air pressure and measure air pressure drop, which shall not exceed 1 ½ psi (0.1 bar) in 24 hours.</p>							
Tests YES	All piping hydrostatically tested at 200 psi (bar) for 2 hours.					If no, state reason:		
	Dry piping pneumatically tested <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
	Equipment operates properly <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
	Do you certify as the sprinkler contractor that additives and corrosive chemicals, sodium silicate or derivatives of sodium silicate, brine, or other corrosive chemicals were not used for testing the system or stopping leaks? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
	Drain test	Reading of gauge located near water supply Test connection: psi (bar)			Residual pressure with valve in test connection open wide: psi (bar)			
	Underground mains and lead in connections to system risers flushed before connection made to sprinkler piping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					Other, explain: DONE BY OTHERS		
	Verified by copy of the U form No. 85B flushed by installer of underground sprinkler piping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
	If powder-driven fasteners are used in concrete, has representative sample testing been satisfactorily completed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
	If no, explain: N/A							
Blank testing gaskets	Number used: 0		Locations:				Number removed:	
Welding N/A	Welding piping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
	If yes,							
	-Do you certify as the sprinkler contractor that welding procedures comply with the requirements of at least AWS B2.1?						<input type="checkbox"/> Yes <input type="checkbox"/> No	
	-Do you certify that the welding was performed by welders qualified in compliance with the requirements of at least AWS B2.1?						<input type="checkbox"/> Yes <input type="checkbox"/> No	
	-Do you certify that the welding was carried out in compliance with a document quality control procedure to ensure that all discs are retrieved, that openings in piping are smooth, that slag and other welding residue are removed, and that the internal diameters of piping are not penetrated?						<input type="checkbox"/> Yes <input type="checkbox"/> No	
Cutouts (discs)	Do you certify that you have a control feature to ensure that all cutouts (discs) are retrieved?						<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

INSTALLATION OF SPRINKLER SYSTEMS

Hydraulic data nameplate	Nameplate provided? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, explain:	
Remarks	Date left in service with all control valves open? SEPTEMBER 2015		
Signatures	Name of sprinkler contractor: PRECISION FIRE PROTECTION		
	Test Witnessed By		
	For property owner (signed)	Title	Date
	For sprinkler contractor (signed)	Title	Date
	<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%; text-align: center;"> </div> <div style="width: 15%; text-align: center;"> Agent </div> <div style="width: 20%; text-align: center;"> 9-25-15 </div> </div> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 10px;"> <div style="width: 45%; text-align: center;"> </div> <div style="width: 15%; text-align: center;"> Foreman </div> <div style="width: 20%; text-align: center;"> 9-25-15 </div> </div>		
Additional explanation and notes:			



TOWNSHIP OF CHELTENHAM

NO. 3633

Office of the Fire Marshal

8230 Old York Road • Elkins Park, PA 19027

Telephone 215-887-1000 • Fax 215-887-6130

FIRE INSPECTION REPORT

OCCUPANCY: <u>SALES BLDG /</u>		OWNER/MGR/PRINCIPAL: <u>FUR PRECISION FURS</u>	
ADDRESS: <u>883 BENT RD</u>		ADDRESS: _____	
PHONE: <u>717-484-2642 (Precision)</u>		PHONE: _____	
ICC USE: <u>SAD/DB</u>	INSPECTOR: <u>FM 26</u>	DATE: <u>9-25-15</u>	DAY: <u>FRI</u> TIME: <u>10:00</u>
<input checked="" type="checkbox"/> VIOLATION	<input type="checkbox"/> PERMIT INSPECTION	<input checked="" type="checkbox"/> VIOLATION	<input type="checkbox"/> TEST <u>AS FINAL/PUMP</u>
<input type="checkbox"/> BLOCK INSPECTION	<input type="checkbox"/> COMPLAINT	<input type="checkbox"/> SEE REMARKS	<input type="checkbox"/> OCCUPANCY
<input type="checkbox"/> RESIDENTIAL INSPECTION	<input type="checkbox"/> K.B. MAINT.	<input type="checkbox"/> SEE REMARKS	<input type="checkbox"/> OTHER
<input type="checkbox"/> TANK INSTALL/REMOVAL			
<input type="checkbox"/> FOLLOW-UP			
1. Fire extinguishers provided/installed properly	21. Merchandise properly stored		
2. Fire extinguishers recharged/inspected	22. Fire alarm appears maintained & operative		
3. Emergency exits and pathways properly marked	23. Fire alarm annual test documented		
4. Emergency exit doors operate easily	24. Fire alarm supervised (If required)		
5. Emergency exits and egress paths unobstructed	25. Sprinkler & Standpipe systems operational		
6. Exit doors equipped with proper hardware	26. Sprinkler annual test received (Current)		
7. Fire escapes and stairwalls clear and maintained	27. Sprinkler valves accessible & maintained		
8. Exterior fire escapes maintained	28. Storage 18 inches below sprinklers		
9. Adequate aisles & width provided and maintained	29. Kitchen hood(s) clean & maintained		
10. Exit and egress lighting maintained	30. Cooking suppression systems tested (6 mo)		
11. Emergency lighting of exits and egress maintained	31. Hazardous materials properly stored		
12. Fire doors rated and self closing/magnetic release	32. Cylinders properly stored		
13. Electrical wiring, grounding, etc. is compliant	33. Flammable/Combustible liquid storage compliant		
14. Electrical panels & switchgear clear and accessible	34. Fire zones properly posted and maintained		
15. Electrical panels covered and labeled	35. Outside storage maintained (If permitted)		
16. Extension cords used properly	36. Dumpster/trash properly located		
17. No voids in ceilings or walls	37. Lock box installed (If req'd) Correct keys in box		
18. Fire and smoke barriers provided and maintained	38. Address/suite posted and visible (front & rear)		
19. Housekeeping appears in good order	39. Occupancy Permit/OLS posted (If req'd)		
20. Boiler & mechanical rooms maintained & clean	40. Other (List in remarks)		

REMARKS: MR WAYNE HASSLER PRECISION ON LOCA
HYDRO @ 200 PSI PER WITH ON SINCE 8:00 AM -
OK - ALSO ON LOCA LOOSE GEAR, PRECISION
- MR DAVE BROWN PATTERSON PUMP ON LOCA FOR RMP
TEST PUMP - PATTERSON 2X2X1 VIP S/N FPC035894
52 GPM @ 100 PSI - SECTION TANK X8X300 -
CONDENSER: FOSTER FTA740-AD102 S/N 120RG7-01R2 240
1 PASS - PUMP TESTED THIS DATE BY DP - WILL PROVIDE
TEST REPORTS & CERTS TO FM -

IN THE INTEREST OF FIRE SAFETY AND TO COMPLY WITH THE CHELTENHAM TOWNSHIP FIRE CODE, THE ABOVE VIOLATIONS MUST BE CORRECTED IMMEDIATELY. FAILURE TO COMPLY WILL RESULT IN PENALTIES AS SET FORTH IN THE FIRE CODE OF CHELTENHAM TOWNSHIP. A REINSPECTION WILL BE ON OR ABOUT 30 DAYS. RECEIPT OF NOTICE ACKNOWLEDGED:

SIGNATURE: Larry Gerhart INSPECTOR: [Signature] BADGE: FM 26
PRINT NAME: LARRY GERHART FIRE MARSHAL: [Signature] DATE: 9-25-15



TOWNSHIP OF CHELTENHAM
Office of the Fire Marshal

☐ FIRE REPORT ☐ PHONE CALL ☐ INVESTIGATION
☒ INSPECTION **3633** ☐ OTHER

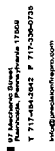
NAME SALISBURY / SFD / R3		LOCATION ADDRESS 333 BENT RD	
DATE OF REPORT 9-25-15	DAY F	TIME OF REPORT 10:00	PHONE # 917-444-2642

SUPPLEMENT REPORT

WFA BBS W/ 1/2" ORF - ACTIV OF AFA
W/ FLOW - PUMP ON - SIGNALS REV'D

* AMATEUR DEC'D THIS DATE
* PROVIDE DOC ON PREMIX SOLUTION
USED IN AMT. FREEZE LAMP
* PROVIDE AS BUILDS PER FIELD COMMENTS
(SMALL IS AMT)
TOWNSHIP 15-0334

RECEIVED BY Larry Gerhart	PRINT NAME	DATE 9-25-15
REPORTING OFFICER [Signature]	PAGE 2 OF 2	FIRE MARSHAL [Signature]

[illegible]

*) All design, fabrication, and field installation is to be in accordance with NFPA 13R (2010) & PAIRC. All sprinkler head spacing is per note #1 and sprinkler manufacturer listings for flow and pressure.
 *) All new exposed piping 1" to 2" is to be sch. 40
 *) All new concealed piping 1" to 2" is to be CPVC
 *) All new firestopping is to meet the requirements of note #1 and manufacturer listings.
 *) Refer to all plans for details and notes pertaining to electrical.

② Hydraulic Noise Plant

Distance up from finished floor to center line of pipe.

Distance down from top of plate to center line of pipe.

Submitted
S. Gary T. D. AM
03/06/20
09/17/20

Project

333 BENT ROAD

Abstract

Troy Basso, CEF
41 C.E.T. Level III
Participation Number 101299

Drawn By:	TROY BARTO, CEE
Reviewed By:	PFP
Contact:	PFP
Project Number:	15-144

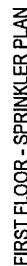
Chest Yoke:

**FIRST FLOOR SPRINKLER
PLAN**

Sheet Number

EP1.1

THE POLYMERIZATION OF VINYL MONOMERS



TYPE DRAWING NOTES:

AMERICAN ASSOCIATION OF STATE POLICE

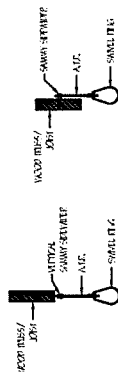
- ALL CONCEALED PIPING IS CPVC

1997-1998 1999-2000 2000-2001 2001-2002 2002-2003 2003-2004 2004-2005 2005-2006 2006-2007 2007-2008 2008-2009 2009-2010 2010-2011 2011-2012 2012-2013 2013-2014 2014-2015 2015-2016 2016-2017 2017-2018 2018-2019 2019-2020 2020-2021 2021-2022 2022-2023 2023-2024 2024-2025 2025-2026 2026-2027 2027-2028 2028-2029 2029-2030 2030-2031 2031-2032 2032-2033 2033-2034 2034-2035 2035-2036 2036-2037 2037-2038 2038-2039 2039-2040 2040-2041 2041-2042 2042-2043 2043-2044 2044-2045 2045-2046 2046-2047 2047-2048 2048-2049 2049-2050 2050-2051 2051-2052 2052-2053 2053-2054 2054-2055 2055-2056 2056-2057 2057-2058 2058-2059 2059-2060 2060-2061 2061-2062 2062-2063 2063-2064 2064-2065 2065-2066 2066-2067 2067-2068 2068-2069 2069-2070 2070-2071 2071-2072 2072-2073 2073-2074 2074-2075 2075-2076 2076-2077 2077-2078 2078-2079 2079-2080 2080-2081 2081-2082 2082-2083 2083-2084 2084-2085 2085-2086 2086-2087 2087-2088 2088-2089 2089-2090 2090-2091 2091-2092 2092-2093 2093-2094 2094-2095 2095-2096 2096-2097 2097-2098 2098-2099 2099-2100 2100-2101 2101-2102 2102-2103 2103-2104 2104-2105 2105-2106 2106-2107 2107-2108 2108-2109 2109-2110 2110-2111 2111-2112 2112-2113 2113-2114 2114-2115 2115-2116 2116-2117 2117-2118 2118-2119 2119-2120 2120-2121 2121-2122 2122-2123 2123-2124 2124-2125 2125-2126 2126-2127 2127-2128 2128-2129 2129-2130 2130-2131 2131-2132 2132-2133 2133-2134 2134-2135 2135-2136 2136-2137 2137-2138 2138-2139 2139-2140 2140-2141 2141-2142 2142-2143 2143-2144 2144-2145 2145-2146 2146-2147 2147-2148 2148-2149 2149-2150 2150-2151 2151-2152 2152-2153 2153-2154 2154-2155 2155-2156 2156-2157 2157-2158 2158-2159 2159-2160 2160-2161 2161-2162 2162-2163 2163-2164 2164-2165 2165-2166 2166-2167 2167-2168 2168-2169 2169-2170 2170-2171 2171-2172 2172-2173 2173-2174 2174-2175 2175-2176 2176-2177 2177-2178 2178-2179 2179-2180 2180-2181 2181-2182 2182-2183 2183-2184 2184-2185 2185-2186 2186-2187 2187-2188 2188-2189 2189-2190 2190-2191 2191-2192 2192-2193 2193-2194 2194-2195 2195-2196 2196-2197 2197-2198 2198-2199 2199-2200 2200-2201 2201-2202 2202-2203 2203-2204 2204-2205 2205-2206 2206-2207 2207-2208 2208-2209 2209-2210 2210-2211 2211-2212 2212-2213 2213-2214 2214-2215 2215-2216 2216-2217 2217-2218 2218-2219 2219-2220 2220-2221 2221-2222 2222-2223 2223-2224 2224-2225 2225-2226 2226-2227 2227-2228 2228-2229 2229-2230 2230-2231 2231-2232 2232-2233 2233-2234 2234-2235 2235-2236 2236-2237 2237-2238 2238-2239 2239-2240 2240-2241 2241-2242 2242-2243 2243-2244 2244-2245 2245-2246 2246-2247 2247-2248 2248-2249 2249-2250 2250-2251 2251-2252 2252-2253 2253-2254 2254-2255 2255-2256 2256-2257 2257-2258 2258-2259 2259-2260 2260-2261 2261-2262 2262-2263 2263-2264 2264-2265 2265-2266 2266-2267 2267-2268 2268-2269 2269-2270 2270-2271 2271-2272 2272-2273 2273-2274 2274-2275 2275-2276 2276-2277 2277-2278 2278-2279 2279-2280 2280-2281 2281-2282 2282-2283 2283-2284 2284-2285 2285-2286 2286-2287 2287-2288 2288-2289 2289-2290 2290-2291 2291-2292 2292-2293 2293-2294 2294-2295 2295-2296 2296-2297 2297-2298 2298-2299 2299-2300 2300-2301 2301-2302 2302-2303 2303-2304 2304-2305 2305-2306 2306-2307 2307-2308 2308-2309 2309-2310 2310-2311 2311-2312 2312-2313 2313-2314 2314-2315 2315-2316 2316-2317 2317-2318 2318-2319 2319-2320 2320-2321 2321-2322 2322-2323 2323-2324 2324-2325 2325-2326 2326-2327 2327-2328 2328-2329 2329-2330 2330-2331 2331-2332 2332-2333 2333-2334 2334-2335 2335-2336 2336-2337 2337-2338 2338-2339 2339-2340 2340-2341 2341-2342 2342-2343 2343-2344 2344-2345 2345-2346 2346-2347 2347-2348 2348-2349 2349-2350 2350-2351 2351-2352 2352-2353 2353-2354 2354-2355 2355-2356 2356-2357 2357-2358 2358-2359 2359-2360 2360-2361 2361-2362 2362-2363 2363-2364 2364-2365 2365-2366 2366-2367 2367-2368 2368-2369 2369-2370 2370-2371 2371-2372 2372-2373 2373-2374 2374-2375 2375-2376 2376-2377 2377-2378 2378-2379 2379-2380 2380-2381 2381-2382 2382-2383 2383-2384 2384-2385 2385-2386 2386-2387 2387-2388 2388-2389 2389-2390 2390-2391 2391-2392 2392-2393 2393-2394 2394-2395 2395-2396 2396-2397 2397-2398 2398-2399 2399-2400 2400-2401 2401-2402 2402-2403 2403-2404 2404-2405 2405-2406 2406-2407 2407

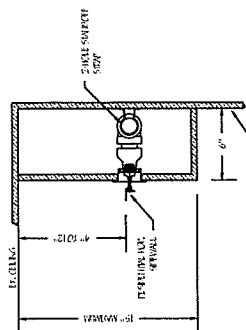
- CPVC PIPE

Sprinkler Head Schedule					
Symbol	Count	Thread	K-Factor	Description	Notes
●	1	1/2"	4.3	W4648 7/16 FR 150 WH PD	Residential Pendant
◊	15	1/2"	4.0	W4648 7/16 FR 150 WH K-57	Residential Net, Ektelon

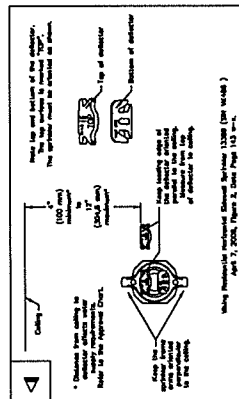
15 = Total Number of Heads, Plus 1 for Spare



Typical Hanger Details



New Soffit Detail



NOTES

SYSTEM DESIGN:
- System is designed per NFPA 13R, 2010 with maximum of up to 4 sprinkler heads flowing.

maximum of up to 4 sprinkler heads flowing.

UNIVERSITY OF CALIFORNIA

- Sprinklers are spaced per manufacturers specs.

PIPE:

1" - 2" Concealed Pipe (CPVC w/ CPVC fittings)

24" - 4" Pine (Sch 10 Steel w/ Grooved Fittings)

to 1990.

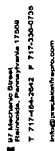
- Sprinklers not required in bathrooms under 55 sq. ft.

Sampplers not required in clothes/linen closets under

24 sq.ft. per NFPA 13R.

Springers not required in exterior mechanical closets

per NFPA 13R



General Notes:

This plan indicates a sprinkler system to be installed. The system was developed in accordance with NFPA 13B, 2001, Authority Having Jurisdiction, Insurance Code, and as shown in the Contract Documents.

All AIA materials are U.S. listed and meet the provisions of NFPA 13B, 2001.

The following items shall be supplied from the structure owner's inventory:

- a) minimum of 10.1 on larger piping
- b) minimum of 12.2 on "V" and center piping
- c) Owner to provide adequate head in all areas where the wet pipe sprinkler system has been installed

(Tampac switches will be installed on all control wires if an electrical device are to be used by the contractor.)

Upon completion all piping will be hydrostatically tested in accordance with NFPA 13B for 2 hours @ 160 psi and witnessed by the Authority Having Jurisdiction and/or the Owner's Rep.

Project Notes:

- All design, fabrication, and field installation is to be in accordance with NFPA 13C (2010) & PA IRC.
- All sprinkler head spacing is per note #1 and sprinkler manufacturer listings for flow and pressure.
- All new exposed piping "1" to "2" is to be sch. 40.
- All new concealed piping "1" to "2" is to be CPVC.
- All firefighting is to meet the requirements of note #1 and manufacturer listings.
- Refer to all plans for details and notes pertaining to each area.

D Hydraulic Node Point
Distance up from finished floor to center line of pipe.
Distance down from top of steel to center line of pipe.

Submitted
AS-BUILT PLAN

333 BENT ROAD

Wynoda, Pennsylvania

Troy Berto, CET
NICEET Level III
Certification Number: 103299

Drawn By:	TRDY BARTO, GET
Reviewed By:	PEPA
Contact:	PEPA
Project Number:	15-144

Sheet Title
SECOND FLOOR SPRINKLER

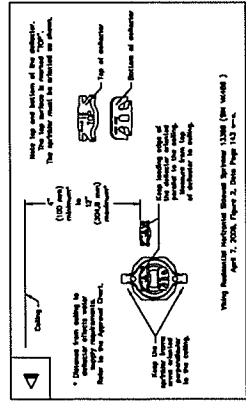
PLAN

FP1.2

© 2006 THE AUTHOR
JOURNAL COMPILATION © 2006 BLACKWELL PUBLISHING LTD



HYDRAULIC INFORMATION (2ND FLOOR)						
	NO. WATER	3	CRG	NPA/IR	SACOM	DWELLING
	ALUMINUM	8.2	DEPT.	25	FIREMAN'S EQUIPMENT	4
						4.0
						BACKET -
						4.0
FIRE ENGINE # 4516 IN TEST CONSTRUCTION						
SPECIAL EQUIPMENT						
2113 CALLED ON NEED						

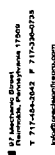


SYSTEM DESIGN:
Sprinklers per NFPA 13R, 2010 with maximum of up to 4 sprinkler heads flowing.

SPRINKLER HEAD SPACING
• Sprinklers are spaced per manufacturers specs.

Pipe:
1" - 2" Concealed Pipe (CPVC w/ CPVC fittings)
1" - 2" Exposed Pipe (GS4, 40 Steel w/ DGI Fittings)
2 1/2" - 4" Pipe (Sch. 40 Steel w/ Grooved Fittings)

NOTES:
• Sprinklers not required in bathrooms under 55 sq. ft.
• Sprinklers per NFPA 13R.
• Sprinklers not required in closets / linen closets under 24 sq. ft. per NFPA 13R.
• Sprinklers not required in Attics per NFPA 13R.
• Sprinklers not required in exterior mechanical closets per NFPA 13R.

[illegible]

1) All design, fabrication, and field installation is to be in accordance with NFPA 13B (2010) & PAIRC.

Distance up from finished floor to center line of pipe.

Figure 1

© 2006 Blackwell Publishing Ltd *Journal of Internal Medicine* 260: 103–110

3333 BENT ROAD

1

Confidential Number:

Drawn By: _____

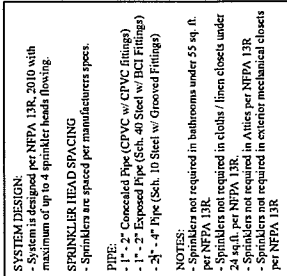
Project Number:

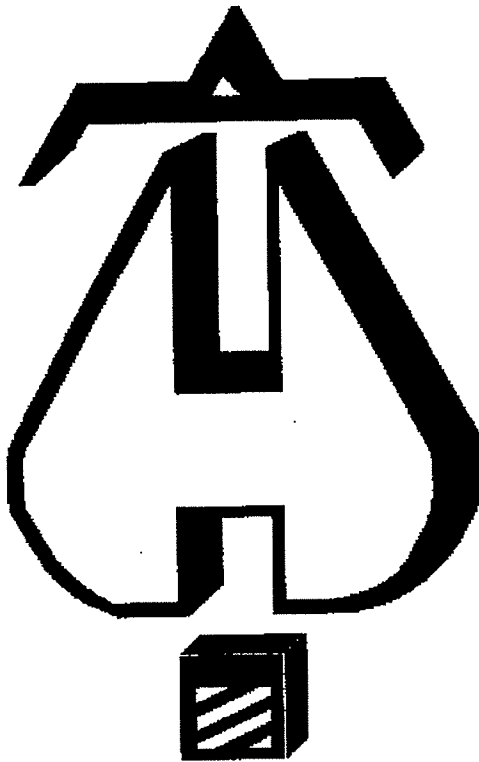
BASEMENT

Sheet Number:

FP1.0

© 2018 PRECISION FIRE PROTECTION, INC.





... Fire Protection by Computer Design

Precision Fire Protection, Inc
97 Mechanic Street
Reinholds, PA 17569
717-484-2642

Job Name : 333 Bent Road
Building :
Location : 2nd Floor Bedroom #5
System : 1
Contract : 15-144
Data File : 333 Bent Road - Area 3.WXF

Troy Barto, NICET III (103299)

Troy Barto 3/5/15

HYDRAULIC DESIGN INFORMATION SHEET

Name - 333 Bent Road Date - 03/05/15
Location - 2nd Floor Bedroom #5
Building - System No. - 1
Contractor - Precision Fire Protection, Inc. Contract No. - 15-144
Calculated By - Troy Barto, CET Drawing No. - FP1.2
Construction: (X) Combustible () Non-Combustible Ceiling Height 8'-9"
OCCUPANCY - Dwelling

S Type of Calculation: () NFPA 13 Residential (X) NFPA 13R () NFPA 13D
Y Number of Sprinklers Flowing: () 1 () 2 (X) 4 ()
S () Other
T () Specific Ruling Made by Date
E
M Listed Flow at Start Point - 16 Gpm System Type
Listed Pres. at Start Point - 16 Psi (X) Wet () Dry
D MAXIMUM LISTED SPACING 16 x 18 () Deluge () PreAction
E Domestic Flow Added - 0 Gpm Sprinkler or Nozzle
S Additional Flow Added - 0 Gpm Make Viking Model VK486
I Elevation at Highest Outlet - 27'-8" Feet Size 1/2 K-Factor 4.0
G Note: Temperature Rating 155
N

Calculation Gpm Required 70.81 Psi Required 45.14 At Test
Summary C-Factor Used: Overhead 120 Underground 150

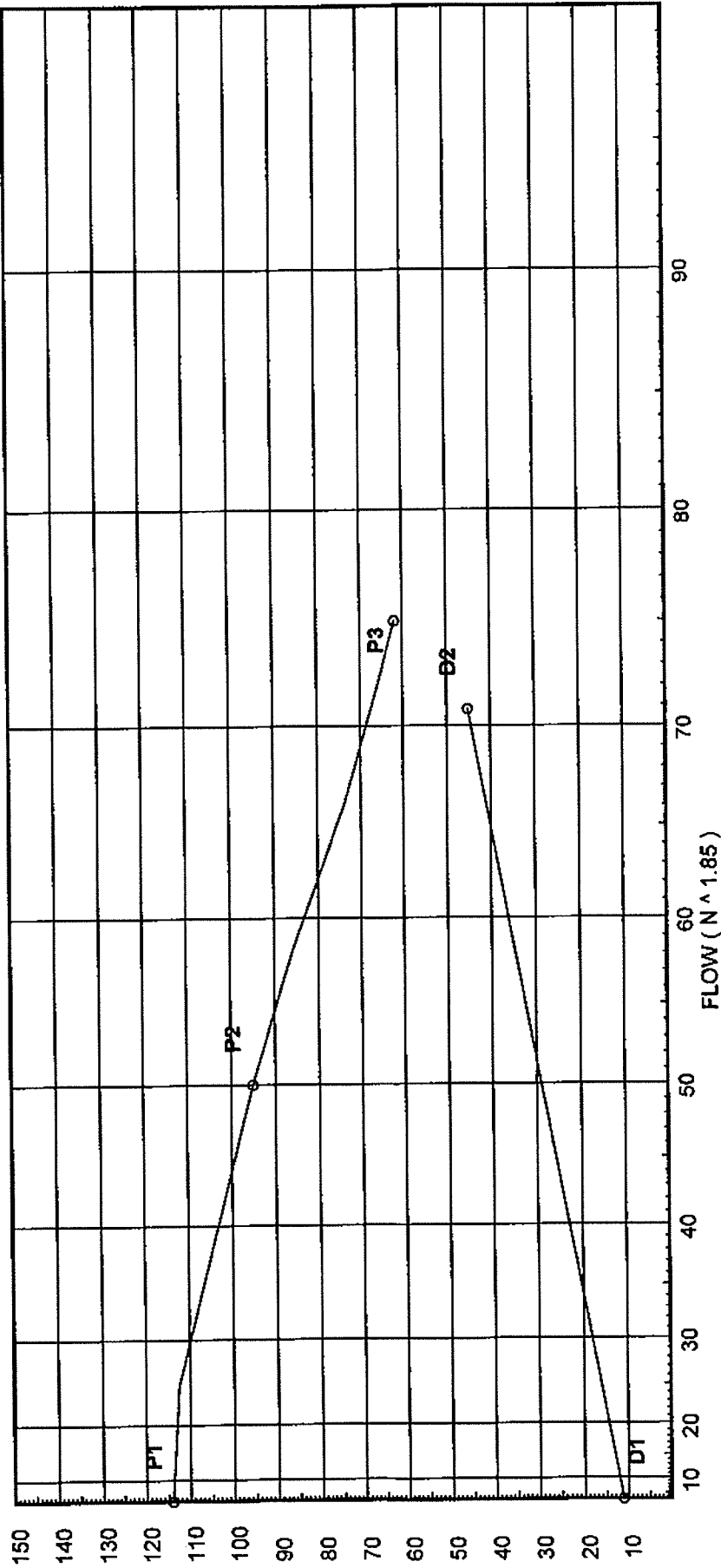
W Water Flow Test: Pump Data: Tank or Reservoir:
A Date of Test - Rated Cap. 50 Cap.
T Time of Test - @ Psi 95 Elev.
E Static (Psi) - Elev. 0
R Residual (Psi) - Other
Flow (Gpm) - Well
S Elevation - Proof Flow Gpm
P Location: System is supplied by (6) 425 gallon water storage tanks
P
I Source of Information:
Y

Water Supply Curve C

Precision Fire Protection, Inc
3 Bent Road

Pump Data:
P1 - Pump Churn Pressure : 114
P2 - Pump Rated Pressure : 95
P2 - Pump Rated Flow : 50
P3 - Pump Pressure @ Max Flow : 61.75
P3 - Pump Max Flow : 75

Demand:
D1 - Elevation : 11.118
D2 - System Flow : 70.81
D2 - System Pressure : 45.139
Hose (Demand) : 70.81
D3 - System Demand : 22.439
Safety Margin : 22.439



Fittings Used Summary

Excision Fire Protection, Inc
33 Bent Road

Fitting Name	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12	14	16	18	20	24
B Ball Milw BB-SC100			2.25	2	2.5	2.25	10													
NFPA 13 90° Standard Elbow	1	2	2	3	4	5	6	7	8	10	12	14	18	22	27	35	40	45	50	61
CPVC 90° Ell Harvel-Spears		7	7	8	9	11	12	13	0	0	0	0	0	0	0	0	0	0	0	0
CPVC Tee - Branch	3	3	5	6	8	10	12	15	0	0	0	0	0	0	0	0	0	0	0	0
NFPA 13 Swing Check	0	0	5	7	9	11	14	16	19	22	27	32	45	55	65					
NFPA 13 90° Flow thru Tee	3	4	5	6	8	10	12	15	17	20	25	30	35	50	60	71	81	91	101	121

Fittings Summary

meter Units
Inches
Length Units
Feet
US Gallons per Minute
Pounds per Square Inch
Pressure Units

Note: Fitting Legend provides equivalent pipe lengths for fittings types of various diameters. Equivalent lengths shown are standard for actual diameters of Sched 40 pipe and CFactors 120 except as noted with *. The fittings marked with a * show equivalent lengths values applied by manufacturers based on specific pipe diameters and CFactors and they require no adjustment. All values for fittings not marked with a * will be adjusted in the calculation CFactors of other than 120 and diameters other than Sched 40 per NFPA.

Flow Summary - NFPA 2007

Precision Fire Protection, Inc
333 Bent Road

Page 4
Date 03/05/2015

SUPPLY ANALYSIS

<i>Node at Source</i>	<i>Static Pressure</i>	<i>Residual Pressure</i>	<i>Flow</i>	<i>Available Pressure</i>	<i>Total Demand</i>	<i>Required Pressure</i>
PUMP	See Information on Pump Curve			67.578	70.81	45.139

NODE ANALYSIS

<i>Node Tag</i>	<i>Elevation</i>	<i>Node Type</i>	<i>Pressure at Node</i>	<i>Discharge at Node</i>	<i>Notes</i>
3S3	27.67	4	23.36	19.33	
3B3	27.67		23.74		
1B13	27.67		24.39		
1B14	27.67		24.63		
1B15	18.67		29.76		
1B16	18.67		30.39		
1B17	17.5		31.24		
1B18	17.5		31.6		
1B19	7.75		36.53		
1B20	7.75		37.04		
1B21	7.75		40.92		
TOR	7.75		41.72		
PUMP	2.0		45.14		
3S4	27.67	4	23.17	19.25	
3S1	27.67	4	16.0	16.0	
3S2	27.67	4	16.45	16.22	
3B1	27.67		20.29		
3B2	7.75		33.33		

EOD

Precision Fire Protection, Inc
333 Bent Road

Page 5
Date 03/05/2015

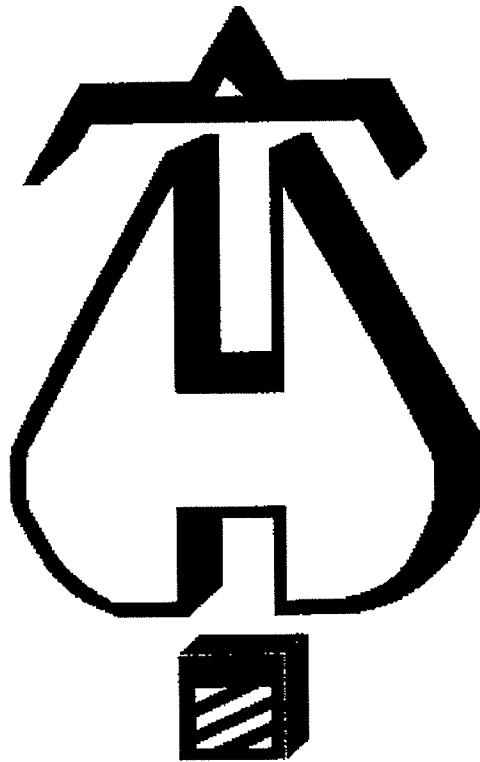
Node1 to Node2	Elev1 Elev2	K Fact	Qa Qt	Nom Act	Fitting or Eqv.	Ln.	Pipe Ftng's Total	CFact Pf/Ft	Pt Pe Pf	*****	Notes	*****
3S3 to 3B3	27.670 27.670	4.00	19.33 19.33	1 1.101	O	5.0 0.0	0.920 5.000	150	23.358 0.0			
3B3 to 1B13	27.670 27.670		0.0 19.33	1 1.101	O	5.0 0.0	5.170 10.170	150	23.736 0.650	Vel = 6.51		
1B13 to 1B14	27.670 27.670		0.0 19.33	1.25 1.394	N	8.0 0.0	4.000 12.000	150	24.386 0.243	Vel = 4.06		
1B14 to 1B15	27.670 18.670		19.26 38.59	1.25 1.394	N	8.0 0.0	9.000 17.000	150	24.629 1.237	Vel = 8.11		
1B15 to 1B16	18.670 18.670		0.0 38.59	1.5 1.598	N	9.0 0.0	7.670 16.670	150	29.764 0.623	Vel = 6.17		
1B16 to 1B17	18.670 17.500		0.0 38.59	1.5 1.598	O	8.0 0.0	1.170 9.170	150	30.387 0.343	Vel = 6.17		
1B17 to 1B18	17.500 17.500		0.0 38.59	1.5 1.598	O	8.0 0.0	1.830 9.830	150	31.237 0.367	Vel = 6.17		
1B18 to 1B19	17.500 7.750		0.0 38.59	1.5 1.598	N	9.0 0.0	9.750 18.750	150	31.604 0.701	Vel = 6.17		
1B19 to 1B20	7.750 7.750		0.0 38.59	1.5 1.61	T	8.0 0.0	1.410 9.410	120	36.528 0.513	Vel = 6.08		
1B20 to 1B21	7.750 7.750		32.22 70.81	1.5 1.61	T	8.0 0.0	15.170 23.170	120	37.041 3.881	Vel = 11.16		
1B21 to TOR	7.750 7.750		0.0 70.81	1.5 1.61	E	4.0 0.0	0.750 4.750	120	40.922 0.796	Vel = 11.16		
TOR to PUMP 2	7.750 2		0.0 70.81	2 2.067	Ball S	2.25 11.0	5.500 13.250	120	41.718 2.490	Vel = 6.77		
PUMP			0.0 70.81						45.139	K Factor = 10.54		
System Demand Pressure									45.139			
Safety Margin									22.439			
Continuation Pressure									67.578			
3S4 to 1B14	27.670 27.670	4.00	19.25 19.25	1 1.101	2N O	14.0 5.0	4.000 19.000	150	23.170 0.0	Vel = 6.49		
1B14			0.0 19.25						24.629	K Factor = 3.88		
3S1 to 3S2	27.670 27.670	4.00	16.00 16.0	1 1.101		0.0 0.0	10.000 10.000	150	16.000 0.450	Vel = 5.39		

Final Calculations - Hazen-Williams

Precision Fire Protection, Inc
333 Bent Road

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Date 03/05/2015

Node1 to Node2	Elev1 Elev2	K Fact	Qa Qt	Nom Act	Fitting or Eqv. Ln.	Pipe Ftng's Total	CFact Pf/Ft	Pt Pe Pf	*****	Notes	*****
3S2 to 3B1	27.670 27.670	4.00	16.22 32.22	1 1.101	N	7.0 0.0 23.330	150 7.000 0.1644	16.450 0.0 3.836			
3B1 to 3B2	27.670 7.750		0.0 32.22	1 1.101	N	7.0 0.0 26.830	150 7.000 0.1645	20.286 8.627 4.413		Vel = 10.86	
3B2 to 1B20	7.750 7.750		0.0 32.22	1.25 1.38	E	3.0 0.0 44.920	120 3.000 0.0827	33.326 0.0 3.715			Vel = 6.91
1B20			0.0 32.22					37.041		K Factor = 5.29	



... Fire Protection by Computer Design

Precision Fire Protection, Inc
97 Mechanic Street
Reinholds, PA 17569
717-484-2642

Job Name : 333 Bent Road
Building :
Location : 3rd Floor Attic
System : 1
Contract : 15-144
Data File : 333 Bent Road - Area 2.WXF

Troy Barto, NICET III (103299)

[Signature]
3/5/15

HYDRAULIC DESIGN INFORMATION SHEET

Name - 333 Bent Road Date - 03/05/15
Location - 3rd Floor Attic
Building -
Contractor - Precision Fire Protection, Inc. System No. - 1
Calculated By - Troy Barto, CET Contract No. - 15-144
Construction: (X) Combustible () Non-Combustible Drawing No. - FP1.3
OCCUPANCY - Dwelling Ceiling Height 6'-0"

S Type of Calculation: () NFPA 13 Residential (X) NFPA 13R () NFPA 13D
Y Number of Sprinklers Flowing: () 1 () 2 (X) 4 ()
S () Other
T () Specific Ruling Made by Date
E
M Listed Flow at Start Point - 14.8 Gpm System Type
Listed Pres. at Start Point - 7 Psi (X) Wet () Dry
D MAXIMUM LISTED SPACING 15 x 8 () Deluge () PreAction
E Domestic Flow Added - 0 Gpm Sprinkler or Nozzle
S Additional Flow Added - 0 Gpm Make Viking Model VK300
I Elevation at Highest Outlet - 34'-2" Feet Size 1/2 K-Factor 5.6
G Note: Temperature Rating 200
N

Calculation Gpm Required 62.14 Psi Required 66.97 At Test
Summary C-Factor Used: Overhead 120 Underground 150

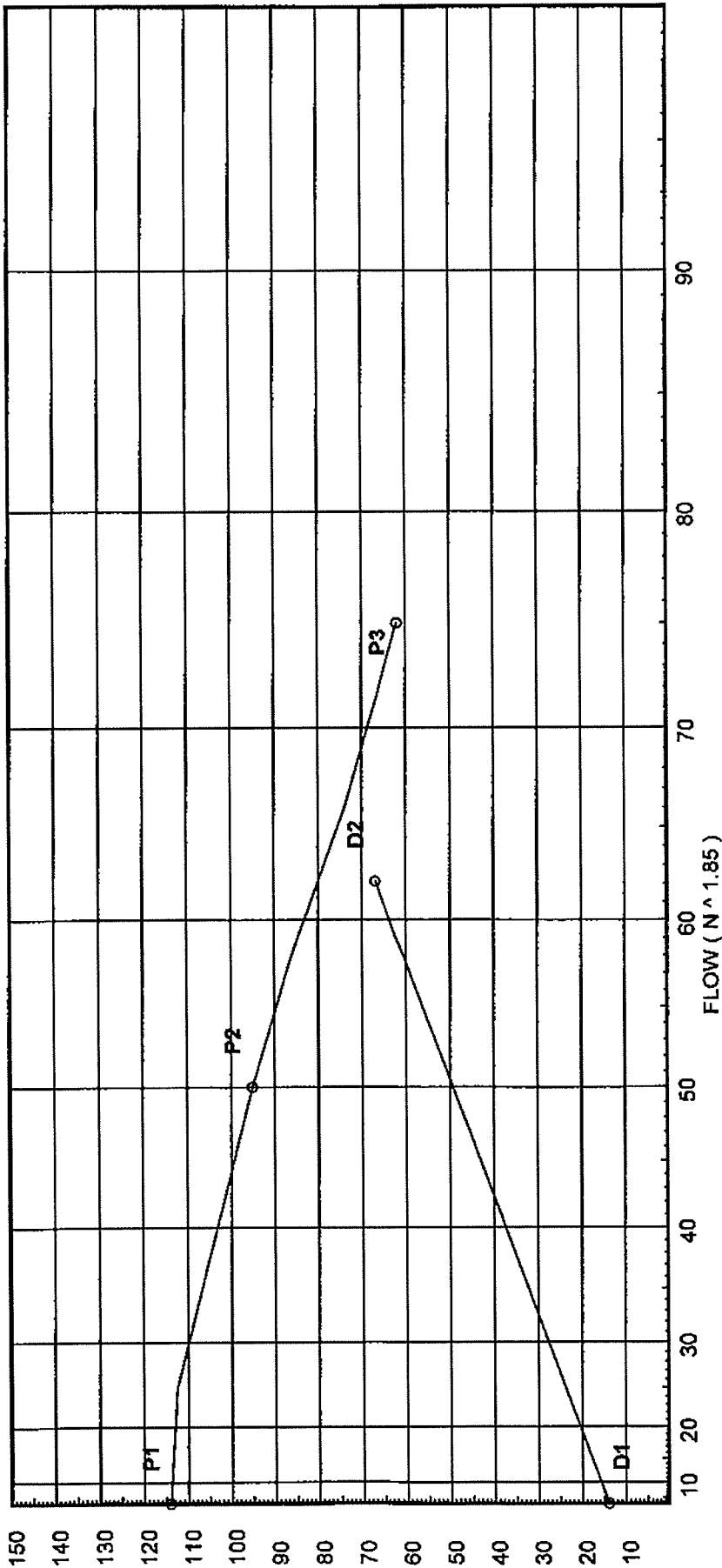
W Water Flow Test: Pump Data: Tank or Reservoir:
A Date of Test - Rated Cap. 50 Cap.
T Time of Test - @ Psi 95 Elev.
E Static (Psi) - Elev. 0
R Residual (Psi) - Other Well
Flow (Gpm) - Proof Flow Gpm
S Elevation -
P Location: System is supplied by (6) 425 gallon water storage tanks
P
L Source of Information:
Y

Water Supply Curve C

Division Fire Protection, Inc
3 Bent Road

Pump Data:
P1 - Pump Churn Pressure : 114
P2 - Pump Rated Pressure : 95
P2 - Pump Rated Flow : 50
P3 - Pump Pressure @ Max Flow : 61.75
P3 - Pump Max Flow : 75

Demand:
D1 - Elevation : 13.933
D2 - System Flow : 62.144
D2 - System Pressure : 66.967
Hose (Demand) : 62.144
D3 - System Demand : 12.978
Safety Margin : 12.978



Fittings Used Summary

Precision Fire Protection, Inc
3 Bent Road

Fitting Legend Fitting Name	1/4"	3/8"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
B Ball Millw BB-SC100			2.25	2	2.5	2.25	10	7	8	10	12	14	18	22	27	35	40	45	50	61
NFPA 13 90' Standard Elbow	1	2	2	3	4	5	6	7	8	10	12	14	18	22	27	35	40	45	50	61
CPVC 90'El Harvel-Spears		7	7	8	9	11	12	13	0	0	0	0	0	0	0	0	0	0	0	0
CPVC Tee - Branch	3	3	5	6	8	10	12	15	0	0	0	0	0	0	0	0	0	0	0	0
NFPA 13 Swing Check	0	0	5	7	9	11	14	16	19	22	27	32	45	55	65	71	81	91	101	121
NFPA 13 90' Flow thru Tee	3	4	5	6	8	10	12	15	17	20	25	30	35	50	60	71	81	91	101	121

Fittings Summary

Fitting Units
 Length Units
 Flow Units
 Pressure Units

Note: Fitting Legend provides equivalent pipe lengths for fittings types of various diameters.
 Equivalent lengths shown are standard for actual diameters of Sched 40 pipe and CFactors
 120 except as noted with *. The fittings marked with a * show equivalent lengths values
 supplied by manufacturers based on specific pipe diameters and CFactors and they require no
 adjustment. All values for fittings not marked with a * will be adjusted in the calculation
 CFactors of other than 120 and diameters other than Sched 40 per NFPA.

Flow Summary - NFPA 2007

Precision Fire Protection, Inc
333 Bent Road

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Date 03/05/2015

SUPPLY ANALYSIS

<i>Node at Source</i>	<i>Static Pressure</i>	<i>Residual Pressure</i>	<i>Flow</i>	<i>Available Pressure</i>	<i>Total Demand</i>	<i>Required Pressure</i>
PUMP	See Information on Pump Curve			79.944	62.14	66.967

NODE ANALYSIS

<i>Node Tag</i>	<i>Elevation</i>	<i>Node Type</i>	<i>Pressure at Node</i>	<i>Discharge at Node</i>	<i>Notes</i>
2S1	34.17	5.6	7.0	14.82	
2S2	34.17	5.6	7.16	14.98	
2S3	34.17	5.6	7.73	15.57	
2S4	34.17	5.6	8.98	16.78	
2B1	34.17		12.97		
2B2	34.17		14.41		
2B3	34.17		16.85		
2B4	30.17		20.53		
2B5	30.17		23.88		
2B6	36.67		23.71		
1B10	36.67		26.92		
1B11	36.67		31.18		
1B12	27.67		38.06		
1B13	27.67		40.55		
1B14	27.67		42.31		
1B15	18.67		49.19		
1B16	18.67		50.7		
1B17	17.5		52.03		
1B18	17.5		52.92		
1B19	7.75		58.83		
1B20	7.75		60.07		
1B21	7.75		63.12		
TOR	7.75		63.75		
PUMP	2.0		66.97		

EOD

Precision Fire Protection, Inc
333 Bent Road

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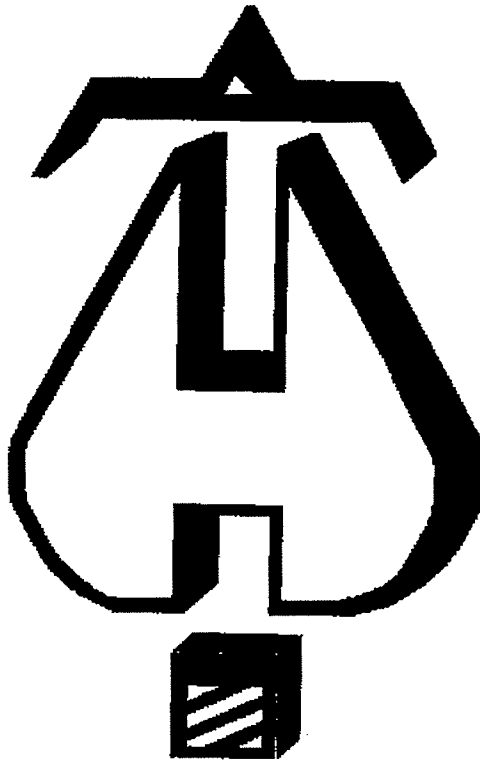
Node1 to Node2	Elev1 Elev2	K Fact	Qa Ql	Nom Act	Fitting or Eqv.	Ln.	Pipe Ftng's Total	CFact Pf/Ft	Pt Pe Pf	*****	Notes	*****
2S1 to 2S2	34.170 34.170	5.60	14.82 14.82	1.25 1.38		0.0 0.0	8.000 0.0	120 0.0196	7.000 0.0		Vel = 3.18	
2S2 to 2S3	34.170 34.170	5.60	14.98 29.8	1.25 1.38		0.0 0.0	8.000 0.0	120 0.0716	7.157 0.0		Vel = 6.39	
2S3 to 2S4	34.170 34.170	5.60	15.57 45.37	1.25 1.38		0.0 0.0	8.000 0.0	120 0.1558	7.730 1.246		Vel = 9.73	
2S4 to 2B1	34.170 34.170	5.60	16.77 62.14	1.25 1.38	E	3.0 0.0	11.330 3.000	120 0.2787	8.976 0.0		Vel = 13.33	
2B1 to 2B2	34.170 34.170		0.0 62.14	1.25 1.38	E	3.0 0.0	2.170 3.000	120 0.2789	12.970 1.442		Vel = 13.33	
2B2 to 2B3	34.170 34.170		0.0 62.14	1.25 1.38	E	3.0 0.0	5.750 3.000	120 0.2787	14.412 2.439		Vel = 13.33	
2B3 to 2B4	34.170 30.170		0.0 62.14	1.25 1.38	E	3.0 0.0	4.000 7.000	120 0.2787	16.851 1.732		Vel = 13.33	
2B4 to 2B5	30.170 30.170		0.0 62.14	1.25 1.38	S E	7.0 3.0	2.000 10.000	120 0.2788	20.534 0.0		Vel = 13.33	
2B5 to 2B6	30.170 36.670		0.0 62.14	1.25 1.38	E	3.0 0.0	6.500 3.000	120 0.2787	23.880 -2.815		Vel = 13.33	
2B6 to 1B10	36.670 36.670		0.0 62.14	1.25 1.38	T	6.0 0.0	5.500 0.0	120 0.2787	23.713 3.205		Vel = 13.33	
1B10 to 1B11	36.670 36.670		0.0 62.14	1.25 1.394	N	8.0 0.0	16.250 8.000	150 0.1757	26.918 4.260		Vel = 13.06	
1B11 to 1B12	36.670 27.670		0.0 62.14	1.25 1.394	N	8.0 0.0	9.000 8.000	150 0.1756	31.178 3.898		Vel = 13.06	
1B12 to 1B13	27.670 27.670		0.0 62.14	1.25 1.394	O	6.0 0.0	8.170 6.000	150 0.1757	38.061 2.489		Vel = 13.06	
1B13 to 1B14	27.670 27.670		0.0 62.14	1.25 1.394	O	6.0 0.0	4.000 6.000	150 0.1756	40.550 1.756		Vel = 13.06	
1B14 to 1B15	27.670 18.670		0.0 62.14	1.25 1.394	N	8.0 0.0	9.000 8.000	150 0.1756	42.306 3.898		Vel = 13.06	
1B15 to 1B16	18.670 18.670		0.0 62.14	1.5 1.598	N	9.0 0.0	7.670 9.000	150 0.0903	49.190 1.505		Vel = 9.94	

Final Calculations - Hazen-Williams

Precision Fire Protection, Inc
333 Bent Road

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Date 03/05/2015

Node1 to Node2	Elev1 Elev2	K Fact	Qa Qt	Nom Act	Fitting or Eqv.	Ln.	Pipe Ftng's Total	CFact Pf/Ft	Pt Pe Pf	*****	Notes	*****
1B16 to 1B17	18.670 17.500		0.0 62.14	1.5 1.598	O	8.0 0.0	1.170 8.000	150	50.695 0.507			
						0.0	9.170	0.0903	0.828	Vel =	9.94	
1B17 to 1B18	17.500 17.500		0.0 62.14	1.5 1.598	O	8.0 0.0	1.830 8.000	150	52.030 0.0			
						0.0	9.830	0.0903	0.888	Vel =	9.94	
1B18 to 1B19	17.500 7.750		0.0 62.14	1.5 1.598	N	9.0 0.0	9.750 9.000	150	52.918 4.223			
						0.0	18.750	0.0903	1.693	Vel =	9.94	
1B19 to 1B20	7.750 7.750		0.0 62.14	1.5 1.61	T	8.0 0.0	1.410 8.000	120	58.834 0.0			
						0.0	9.410	0.1316	1.238	Vel =	9.79	
1B20 to 1B21	7.750 7.750		0.0 62.14	1.5 1.61	T	8.0 0.0	15.170 8.000	120	60.072 0.0			
						0.0	23.170	0.1316	3.049	Vel =	9.79	
1B21 to TOR	7.750 7.750		0.0 62.14	1.5 1.61	E	4.0 0.0	0.750 4.000	120	63.121 0.0			
						0.0	4.750	0.1316	0.625	Vel =	9.79	
TOR to PUMP	7.750 2		0.0 62.14	2 2.067	Ball S	2.25 11.0	5.500 13.250	120	63.746 2.490			
						0.0	18.750	0.0390	0.731	Vel =	5.94	
PUMP to PUMP			0.0 62.14						66.967	K Factor =	7.59	



... Fire Protection by Computer Design

Precision Fire Protection, Inc
97 Mechanic Street
Reinholds, PA 17569
717-484-2642

Job Name : 333 Bent Road
Building :
Location : 3rd Floor Bedroom #8
System : 1
Contract : 15-144
Data File : 333 Bent Road - Area 1.WXF

Troy Barto, NICET III (103299)

[Signature] 3/5/15

HYDRAULIC DESIGN INFORMATION SHEET

Name - 333 Bent Road Date - 03/05/15
Location - 3rd Floor Bedroom #8
Building - System No. - 1
Contractor - Precision Fire Protection, Inc. Contract No. - 15-144
Calculated By - Troy Barto, CET Drawing No. - FP1.3
Construction: (X) Combustible () Non-Combustible Ceiling Height 8'-0"
OCCUPANCY - Dwelling

S Type of Calculation: () NFPA 13 Residential (X) NFPA 13R () NFPA 13D
Y Number of Sprinklers Flowing: () 1 () 2 () 4 (3)
S () Other
T () Specific Ruling Made by Date
E
M Listed Flow at Start Point - 16 Gpm System Type
Listed Pres. at Start Point - 16 Psi (X) Wet () Dry
D MAXIMUM LISTED SPACING 16 x 18 () Deluge () PreAction
E Domestic Flow Added - 0 Gpm Sprinkler or Nozzle
S Additional Flow Added - 0 Gpm Make Viking Model VK486
I Elevation at Highest Outlet - 36'-8" Feet Size 1/2 K-Factor 4.0
G Note: Temperature Rating 155
N

Calculation Gpm Required 48.44 Psi Required 72.38 At Test
Summary C-Factor Used: Overhead 120 Underground 150

W Water Flow Test: Pump Data: Tank or Reservoir:
A Date of Test - Rated Cap. 50 Cap.
T Time of Test - @ Psi 95 Elev.
E Static (Psi) - Elev. 0
R Residual (Psi) - Other
Flow (Gpm) - Well
S Elevation - Proof Flow Gpm

P Location: System is supplied by (6) 425 gallon water storage tanks

L Source of Information:

Y

Water Supply Curve C

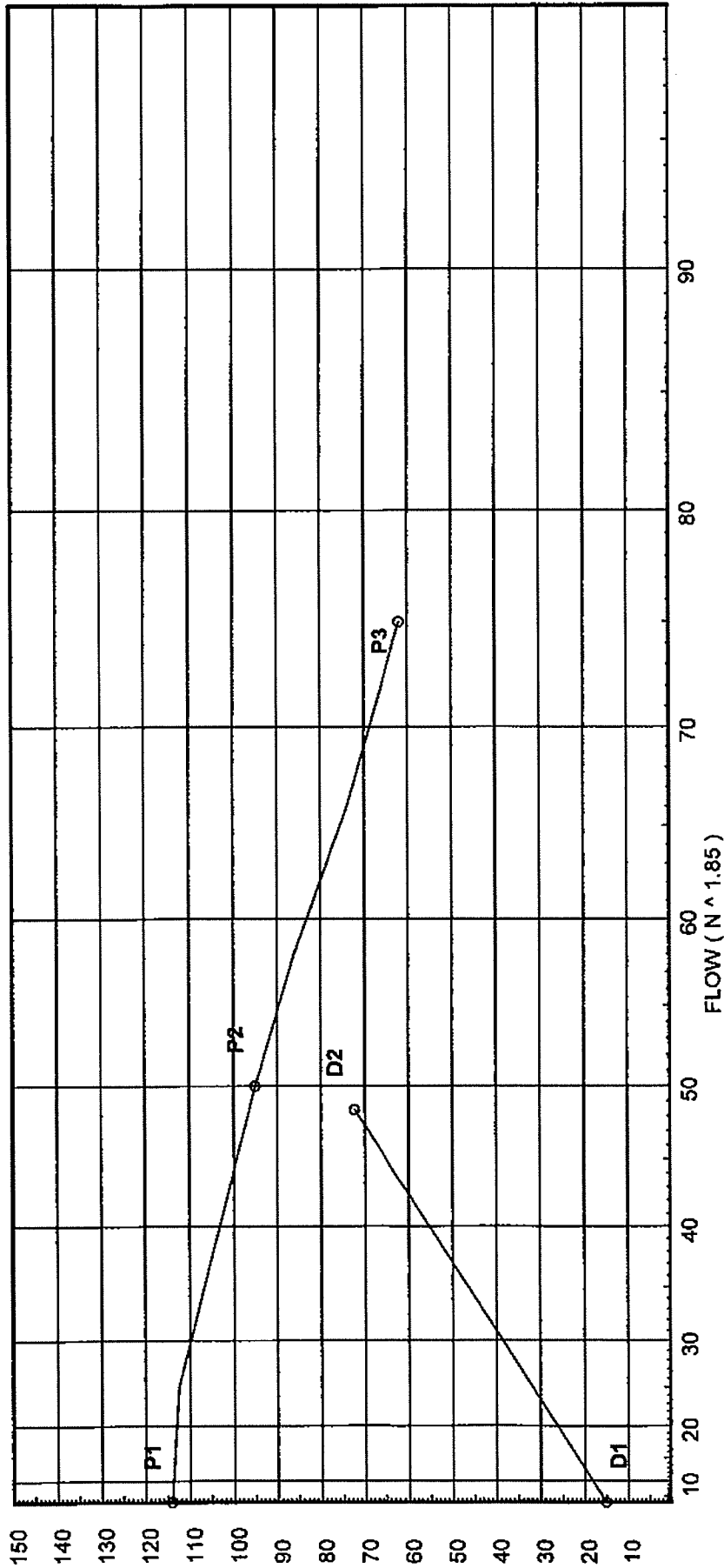
Excision Fire Protection, Inc
3 Bent Road

Pump Data:

P1 - Pump Churn Pressure : 114
P2 - Pump Rated Pressure : 95
P2 - Pump Rated Flow : 50
P3 - Pump Pressure @ Max Flow : 61.75
P3 - Pump Max Flow : 75

Demand:

D1 - Elevation : 15.016
D2 - System Flow : 48.435
D2 - System Pressure : 72.376
Hose (Demand) : 48.435
D3 - System Demand : 24.002
Safety Margin : 24.002



Fittings Used Summary

recision Fire Protection, Inc
3 Bent Road

ing Legend rev. Name	1/4	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12	14	16	18	20	24
B Ball Milw BB-SC100			2.25	2	2.5	2.25	10	7	8	10	12	14	18	22	27	35	40	45	50	61
NFPA 13 90' Standard Elbow	1	2	2	3	4	5	6	7	8	10	12	14	18	22	27	35	40	45	50	61
CPVC 90' Ell Harvel-Spears		7	7	8	9	11	12	13	0	0	0	0	0	0	0	0	0	0	0	0
CPVC Tee - Branch	3	3	5	6	8	10	12	15	0	0	0	0	0	0	0	0	0	0	0	0
NFPA 13 Swing Check	0	0	5	7	9	11	14	16	19	22	27	32	45	55	65	71	81	91	101	121
NFPA 13 90' Flow thru Tee	3	4	5	6	8	10	12	15	17	20	25	30	35	50	60	71	81	91	101	121

its Summary

imeter Units
ngth Units
w Units
ssure Units

Inches
Feet
US Gallons per Minute
Pounds per Square Inch

le: Fitting Legend provides equivalent pipe lengths for fittings types of various diameters.
ivalent lengths shown are standard for actual diameters of Sched 40 pipe and CFactors
120 except as noted with *. The fittings marked with a * show equivalent lengths values
plied by manufacturers based on specific pipe diameters and CFactors and they require no
ustment. All values for fittings not marked with a * will be adjusted in the calculation
CFactors of other than 120 and diameters other than Sched 40 per NFPA.

Flow Summary - NFPA 2007

Precision Fire Protection, Inc
333 Bent Road

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Date 03/05/2015

SUPPLY ANALYSIS

<i>Node at Source</i>	<i>Static Pressure</i>	<i>Residual Pressure</i>	<i>Flow</i>	<i>Available Pressure</i>	<i>Total Demand</i>	<i>Required Pressure</i>
PUMP	See Information on Pump Curve			96.378	48.43	72.376

NODE ANALYSIS

<i>Node Tag</i>	<i>Elevation</i>	<i>Node Type</i>	<i>Pressure at Node</i>	<i>Discharge at Node</i>	<i>Notes</i>
1S1	36.67	4	15.39	15.69	
1B1	36.67		15.89		
1B2	36.67		16.52		
1B3	36.67		17.28		
1B4	36.67		18.08		
1B5	36.67		21.57		
1B6	36.67		26.03		
1B7	36.67		27.92		
1B8	36.67		37.44		
1B9	36.67		40.96		
1B10	36.67		41.57		
1B11	36.67		44.26		
1B12	27.67		50.04		
1B13	27.67		51.61		
1B14	27.67		52.72		
1B15	18.67		58.5		
1B16	18.67		59.45		
1B17	17.5		60.48		
1B18	17.5		61.04		
1B19	7.75		66.33		
1B20	7.75		67.11		
1B21	7.75		69.03		
TOR	7.75		69.42		
PUMP	2.0		72.38		
1S2	36.67	4	16.0	16.0	
1S3	36.67	4	17.51	16.74	

EOD

Precision Fire Protection, Inc
333 Bent Road

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Date 03/05/2015

Node1 to Node2	Elev1 Elev2	K Fact	Qa Qt	Nom Act	Fitting or Eqv. Ln.	Pipe Ftng's Total	CFact Pf/Ft	Pt Pe Pf	***** Notes *****
1S1 to 1B1	36.670 36.670	4.00	15.69 15.69	1 1.049	T 0.0	5.0 5.000 6.000	120 0.0832	15.395 0.0 0.499	Vel = 5.82
1B1 to 1B2	36.670 36.670		0.0 15.69	1 1.049	T 0.0	5.0 5.000 7.500	120 0.0831	15.894 0.0 0.623	Vel = 5.82
1B2 to 1B3	36.670 36.670		16.00 31.69	1 1.049	0.0 0.0	2.500 0.0 2.500	120 0.3048	16.517 0.0 0.762	Vel = 11.76
1B3 to 1B4	36.670 36.670		0.0 31.69	1 1.101	0.0 0.0	5.000 0.0 5.000	150 0.1596	17.279 0.0 0.798	Vel = 10.88
1B4 to 1B5	36.670 36.670		16.74 48.43	1 1.101	N 0.0	3.000 0.0 10.000	150 0.3494	18.077 0.0 3.494	Vel = 16.32
1B5 to 1B6	36.670 36.670		0.0 48.43	1 1.101	N 0.0	5.750 0.0 12.750	150 0.3495	21.571 0.0 4.456	Vel = 16.32
1B6 to 1B7	36.670 36.670		0.0 48.43	1 1.101	0.0 0.0	5.410 0.0 5.410	150 0.3495	26.027 0.0 1.891	Vel = 16.32
1B7 to 1B8	36.670 36.670		0.0 48.43	1 1.101	N 0.0	20.250 0.0 27.250	150 0.3494	27.918 0.0 9.522	Vel = 16.32
1B8 to 1B9	36.670 36.670		0.0 48.43	1 1.101	O 0.0	5.080 0.0 10.080	150 0.3495	37.440 0.0 3.523	Vel = 16.32
1B9 to 1B10	36.670 36.670		0.0 48.43	1 1.101	0.0 0.0	1.750 0.0 1.750	150 0.3497	40.963 0.0 0.612	Vel = 16.32
1B10 to 1B11	36.670 36.670		0.0 48.43	1.25 1.394	N 0.0	8.0 0.0 24.250	150 0.1107	41.575 0.0 2.685	Vel = 10.18
1B11 to 1B12	36.670 27.670		0.0 48.43	1.25 1.394	N 0.0	9.000 0.0 17.000	150 0.1108	44.260 3.898 1.883	Vel = 10.18
1B12 to 1B13	27.670 27.670		0.0 48.43	1.25 1.394	O 0.0	8.170 0.0 14.170	150 0.1107	50.041 0.0 1.589	Vel = 10.18
1B13 to 1B14	27.670 27.670		0.0 48.43	1.25 1.394	O 0.0	4.000 0.0 10.000	150 0.1108	51.610 0.0 1.108	Vel = 10.18
1B14 to 1B15	27.670 18.670		0.0 48.43	1.25 1.394	N 0.0	9.000 0.0 17.000	150 0.1108	52.718 3.898 1.883	Vel = 10.18
1B15 to 1B16	18.670 18.670		0.0 48.43	1.5 1.598	N 0.0	7.670 0.0 16.670	150 0.0569	58.499 0.0 0.949	Vel = 7.75

Final Calculations - Hazen-Williams

Precision Fire Protection, Inc
333 Bent Road

Page 6
Date 03/05/2015

Node1 to Node2	Elev1 Elev2	K Fact	Qa Qt	Nom Act	Fitting or Eqv. Ln.	Pipe Ftng's Total	CFact Pf/Ft	Pt Pe Pf	*****	Notes	*****
1B16 to 1B17	18.670 17.500		0.0 48.43	1.5 1.598	O 0.0	8.0 8.000	150 0.0569	59.448 0.507			
						9.170		0.522	Vel = 7.75		
1B17 to 1B18	17.500 17.500		0.0 48.43	1.5 1.598	O 0.0	8.0 8.000	150 0.0570	60.477 0.0			
						9.830		0.560	Vel = 7.75		
1B18 to 1B19	17.500 7.750		0.0 48.43	1.5 1.598	N 0.0	9.0 18.750	150 0.0569	61.037 1.067			
								4.223	Vel = 7.75		
1B19 to 1B20	7.750 7.750		0.0 48.43	1.5 1.61	T 0.0	8.0 8.000	120 0.0830	66.327 0.0			
						9.410		0.781	Vel = 7.63		
1B20 to 1B21	7.750 7.750		0.0 48.43	1.5 1.61	T 0.0	8.0 23.170	120 0.0830	67.108 1.923			
								0.0	Vel = 7.63		
1B21 to TOR	7.750 7.750		0.0 48.43	1.5 1.61	E 0.0	4.0 4.000	120 0.0829	69.031 0.394			
						4.750		0.394	Vel = 7.63		
TOR to PUMP	7.750 2		0.0 48.43	2 2.067	Ball S	2.25 11.0	120 0.0246	69.425 2.490			
						18.750		0.461	Vel = 4.63		
PUMP			0.0 48.43					72.376	K Factor = 5.69		
System Demand Pressure								72.376			
Safety Margin								24.002			
Continuation Pressure								96.378			
1S2 to 1B2	36.670 36.670	4.00	16.00 16.0	1 1.049	T 0.0	5.0 5.000	120 0.0862	16.000 0.0			
						6.000		0.517	Vel = 5.94		
1B2			0.0 16.00					16.517	K Factor = 3.94		
1S3 to 1B4	36.670 36.670	4.00	16.74 16.74	1 1.049	O 0.0	5.0 5.000	120 0.0937	17.515 0.0			
						6.000		0.562	Vel = 6.21		
1B4			0.0 16.74					18.077	K Factor = 3.94		

Inspection Certificate

For

Pahrtners Deaf Services
614 Easton Rd
Glenside, PA 19038

This Inspection was performed in accordance with applicable standards. The subsequent pages of this report provide performance measurements, listed ranges of acceptable results, and complete documentation of the inspection. Whenever discrepancies exist between acceptable performance standards and actual test results, notes and/or recommended solutions have been proposed or provided for immediate review and approval.

Inspection Date
May 22, 2018

Building: Pahrtners Deaf Services
Contact: Becky Skovronski
Title: Maintenance Coordinator

Company: Shapiro Fire Protection Company
Contact: Russ Heath
Title: Technician

Executive Summary

Generated by: BuildingReports.com

Building Information

Building: Pahrtners Deaf Services
Address: 614 Easton Rd
Address:
City/State/Zip: Glenside, PA 19038
Country: United States of America

Contact: Becky Skovronski
Phone: 570-714-2350
Fax: 570-718-1858
Mobile:
Email:

Inspection Performed By

Company: Shapiro Fire Protection Company
Address: 105 Camars Drive
Address:
City/State/Zip: Warminster, Pennsylvania 18974
Country: United States

Inspector: Russ Heath
Phone: 215-675-9847
Fax: 215-675-4847
Mobile: 215-669-5895
Email: russ@shapirofire.com

Inspection Summary

Category:	Total Items		Serviced		Passed		Failed/Other	
	Qty	%	Qty	%	Qty	%	Qty	%
Fire	83	100.00%	83	100.00%	82	98.80%	1	1.20%
Totals	83	100%	83	100.00%	82	98.80%	1	1.20%

Verification



Company: Shapiro Fire Protection Company

Inspector: Russ Heath

A handwritten signature of Russ Heath inside a rectangular box.

Signed: May 22, 2018

Building: Pahrtners Deaf Services

Contact: Becky Skovronski

Discrepancy Report

Generated by: BuildingReports.com

Building: Pahrtners Deaf Services

The Discrepancy Report consolidates each discrepancy listed within the various Testing sections of your Inspection. Discrepancies are listed by Category, and grouped by device type. The description of the problem is provided, and where appropriate, code references are listed for your convenience. Devices/items that are listed on the Consumer Product Safety Commission website for recall are provided below.

Device Type	Manufacturer	ModelNumber	Date	Qty
Items listed for Recall by Manufacturer				
No recalled items found during this inspection.				
ScanID	Location	Problem	Reference	
Fire				
Fire Extinguisher, A.B.C., 5 Lbs				
B-04286653	333 Bent Rd Front Entrance	Unit Missing		

Proposed Solutions Report

Generated by: BuildingReports.com

Building: Pahrtners Deaf Services

The Proposed Solution Report provides a solution for each discrepancy listed on the Discrepancy Report. Provide a check mark where indicated to approve repairs listed within the report. Items listed as T/M are available for repair on a Time and Materials basis.

ScanID	Location	Solution	Model #	Cost	Fix
Fire					
Fire Extinguisher, A.B.C., 5 Lbs					
B-04286653	333 Bent Rd Front Entrance	Notify Maintenance	X-AA05-1	T/M	<input type="checkbox"/>

Inspection & Testing

Generated by: BuildingReports.com

Building: Pahrtners Deaf Services

The Inspection & Testing section lists all of the items inspected in your building. Items are grouped by Passed or Failed/Other. Items are listed by Category. Each item includes the services performed, and the time & date at which testing occurred.

Device Type	Location	ScanID : S/N	Service	Date Time
Passed				
Fire				
Fire Extinguisher, 5 Lbs, A.B.C.	101 Royal Ave 2nd floor	A27572934	Annual Service	05/10/18 10:28:37 AM
Fire Extinguisher, 5 Lbs, A.B.C.	101 Royal Ave Attic	A28926144	Annual Service	05/10/18 10:30:33 AM
Fire Extinguisher, 5 Lbs, A.B.C.	101 Royal Ave Basement	A27570610	Annual Service	05/10/18 10:26:29 AM
Fire Extinguisher, 5 Lbs, A.B.C.	101 Royal Ave Garage	A27570608	Annual Service	05/10/18 10:24:42 AM
Fire Extinguisher, 5 Lbs, A.B.C.	101 Royal Ave Kitchen	A28926146	Annual Service	05/10/18 10:25:28 AM
Fire Extinguisher, 5 Lbs, A.B.C.	101 Royal Ave laundry	C-93556206	Annual Service	05/10/18 10:24:04 AM
Fire Extinguisher, 5 Lbs, A.B.C.	101 Royal Ave Living Room	A28927460	Annual Service	05/10/18 10:27:33 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1012 Front Easton Rd 1st Floor Kitchen	T204354	Annual Service	05/10/18 10:54:46 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1012 Front Easton Rd 1st Floor Office	T208917	Annual Service	05/10/18 10:51:00 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1012 Front Easton Rd 2nd Floor Hallway	T208928	Annual Service	05/10/18 10:52:51 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1012 Front Easton Rd Basement	T213492	Annual Service	05/10/18 10:57:37 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1012 Front Easton Rd Outside Smoking Area	T204359	Annual Service	05/10/18 11:00:04 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1012 Rear Easton Rd Apt A-1	T203243	Annual Service	05/10/18 11:07:19 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1012 Rear Easton Rd Apt B-1	T205816	Annual Service	05/10/18 11:05:24 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1012 Rear Easton Rd Apt C	T208918	Annual Service	05/10/18 11:11:07 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1012 Rear Easton Rd Apt D	T204353	Annual Service	05/10/18 11:16:27 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1012 Rear Easton Rd Apt C Attic	BF571011	6yr Maintenance	05/10/18 11:43:01 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1012 Rear Easton Rd Apt D Attic	BF570252	6yr Maintenance	05/10/18 11:43:28 AM

Device Type	Location	ScanID : S/N	Service	Date Time
Fire Extinguisher, 5 Lbs, A.B.C.	1012 Rear Easton Rd Outside Smoking Area	S896710	Annual Service	05/10/18 11:02:24 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1100 A Easton Rd Kitchen	YW218746	Annual Service	05/21/18 11:04:48 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1100 B Easton Rd Kitchen	XV402807	Hydro Test	05/21/18 10:46:02 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1100 B Easton Rd Porch	XE462965	Hydro Test	05/21/18 10:43:49 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1100 B Easton Rd 2nd floor Laundry	C-93556153	Annual Service	05/21/18 11:01:33 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1100 B Easton Rd 2nd floor Laundry	C-93556076	Annual Service	05/21/18 11:02:30 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1100 B Easton Rd 3rd floor Hallway	XD634105	Annual Service	05/21/18 10:56:56 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1100 B Easton Rd 3rd floor Hallway	XD649063	Annual Service	05/21/18 11:00:20 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1100 B Easton Rd Staff Room	B74445634	Annual Service	05/21/18 10:58:45 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1100 Easton Rd basement Laundry	YS305939	Annual Service	05/21/18 10:50:21 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1102 Easton Rd Kitchen	SU981002	Annual Service	05/21/18 10:53:15 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1102 Easton Rd Laundry	SL-409240	Annual Service	05/21/18 10:48:42 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1106 A Easton Rd Kitchen	AX-927171	6yr Maintenance	05/21/18 11:24:10 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1106 A Easton Rd Porch	XY657991	Hydro Test	05/21/18 10:42:22 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1106 B Easton Rd 3rd Floor Stairwell	XD643444	Annual Service	05/21/18 11:07:51 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1106 B Easton Rd Kitchen	XY656656	Hydro Test	05/21/18 11:07:26 AM
Fire Extinguisher, 5 Lbs, A.B.C.	1106 Easton Rd basement Laundry	WY621418	Annual Service	05/21/18 11:12:16 AM
Fire Extinguisher, 5 Lbs, A.B.C.	333 Bent Rd 1st Floor Laundry Room	B-04286580	Annual Service	05/22/18 8:48:41 AM
Fire Extinguisher, 5 Lbs, A.B.C.	333 Bent Rd 3rd Floor	B-04286655	Annual Service	05/22/18 8:56:37 AM
Fire Extinguisher, 5 Lbs, A.B.C.	333 Bent Rd Basement	B-04286634	Annual Service	05/22/18 8:50:10 AM
Fire Extinguisher, 5 Lbs, A.B.C.	333 Bent Rd Basement Electrical Room	B-04286633	Annual Service	05/22/18 8:51:13 AM
Fire Extinguisher, 6 Ltr, Class K	333 Bent Rd Kitchen	A-97908107	Annual Service	05/22/18 8:47:44 AM
Fire Extinguisher, 5 Lbs, A.B.C.	333 Bent Rd Outside Smoking Area	B-04286575	Annual Service	05/22/18 9:00:19 AM
Fire Extinguisher, 5 Lbs, A.B.C.	7226 Edmund St Unit A	B-04286543	Annual Service	05/18/18 12:30:50 PM

Device Type	Location	ScanID : S/N	Service	Date Time
Fire Extinguisher, 5 Lbs, A.B.C.	7226 Edmund St Unit A By Heater	E93426554	New Unit	05/18/18 12:55:26 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7228 Edmund St Outside smoking area	B74444377	Annual Service	05/18/18 1:18:41 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7228 Edmund St Unit A	B-04286635	Annual Service	05/18/18 12:50:29 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7228 Edmund St Unit A By Heater Room	E93433878	New Unit	05/18/18 12:55:21 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7228 Edmund St Unit B	B80943105	Recharge	05/18/18 1:37:25 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7228 Edmund St Unit B By Heater Room	E93431301	New Unit	05/18/18 12:55:00 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7230 Edmund St Unit A	B74447166	Annual Service	05/18/18 1:02:30 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7230 Edmund St Unit A By Heater Room	E93426557	New Unit	05/18/18 1:05:14 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7230 Edmund St Unit B	B80943763	Annual Service	05/18/18 12:57:57 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7230 Edmund St Unit B By Heater Room	E93426986	New Unit	05/18/18 12:59:03 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7232 Edmund St Unit A	C89906664	Annual Service	05/18/18 1:13:43 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7232 Edmund St Unit A By Heater Room	E93437366	New Unit	05/18/18 1:16:17 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7232 Edmund St Unit B	C89909891	Annual Service	05/18/18 1:09:28 PM
Fire Extinguisher, 5 Lbs, A.B.C.	7232 Edmund St Unit B By Heater Room	E93433886	New Unit	05/18/18 1:10:53 PM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit A 2nd floor	XV404924	Hydro Test	05/21/18 9:04:24 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit A Attic	AW778248	6yr Maintenance	05/21/18 10:23:08 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit A Kitchen	XD650144	Annual Service	05/21/18 9:51:07 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit B 2nd floor	XY660228	Hydro Test	05/21/18 9:03:51 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit B Attic	AX-927146	6yr Maintenance	05/21/18 10:24:08 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit B Kitchen	XD655301	Annual Service	05/21/18 9:46:20 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit B Smoking Area	XV403368	Hydro Test	05/21/18 9:03:13 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit C 2nd floor	XV402809	Hydro Test	05/21/18 9:06:12 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit C Attic	AX-927149	6yr Maintenance	05/21/18 10:23:35 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit C Kitchen	XD645831	Annual Service	05/21/18 9:43:26 AM

Device Type	Location	ScanID : S/N	Service	Date Time
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit D 1st Floor	XY660244	Hydro Test	05/21/18 9:02:36 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit D 2nd Floor	XY660231	Hydro Test	05/21/18 9:02:02 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit D Attic	AX-927140	6yr Maintenance	05/21/18 10:23:50 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit E 1st Floor	ZK-950211	Annual Service	05/21/18 9:31:45 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit E 2nd Floor	ZK-950213	Annual Service	05/21/18 9:32:50 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit E Attic	04898222	Annual Service	05/21/18 9:33:54 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit F 1st Floor	XY485038	Hydro Test	05/21/18 8:55:26 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit F 2nd Floor	XY492487	Hydro Test	05/21/18 8:56:04 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit F Attic	04898223 : X114888	Annual Service	05/21/18 9:27:28 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit G 1st Floor	XY657470	Hydro Test	05/21/18 8:54:19 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit G 2nd Floor	XY485047	Hydro Test	05/21/18 8:54:47 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit G Attic	PK-961812	Annual Service	05/21/18 9:22:52 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit G Smoking Area	XY660235	Hydro Test	05/21/18 8:52:29 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit H 1st Floor	XY656662	Hydro Test	05/21/18 8:51:26 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit H 2nd Floor	XY492485	Hydro Test	05/21/18 8:51:57 AM
Fire Extinguisher, 5 Lbs, A.B.C.	Susquhanna unit H Attic	YK703521	Annual Service	05/21/18 9:15:59 AM
<i>Failed/Other</i>				
Fire				
Fire Extinguisher, 5 Lbs, A.B.C.	333 Bent Rd Front Entrance	B-04286653	Annual Service	05/22/18 9:06:15 AM

Service Summary

Generated by: BuildingReports.com

Building: Pahrtners Deaf Services

The Service Summary section provides an overview of the services performed in this report.

Device Type	Service	Quantity
<i>Failed/Other</i>		
Fire Extinguisher, 5 Lbs, A.B.C.	Annual Service	1
Total		1
<i>Passed</i>		
Fire Extinguisher, 5 Lbs, A.B.C.	6yr Maintenance	7
Fire Extinguisher, 5 Lbs, A.B.C.	Annual Service	49
Fire Extinguisher, 5 Lbs, A.B.C.	Hydro Test	17
Fire Extinguisher, 5 Lbs, A.B.C.	New Unit	7
Fire Extinguisher, 5 Lbs, A.B.C.	Recharge	1
Fire Extinguisher, 6 Ltr, Class K	Annual Service	1
Total		82

Fire Extinguisher Maintenance Report

Generated by: BuildingReports.com

Building: Pahrtners Deaf Services					
This report provides details on the Hydrostatic Test and Maintenance/Breakdown dates for fire extinguishers. Items that will need either of these services at any time in the next two years are displayed. Items are grouped together by year for budgeting purposes.					
ScanID	Location	Serial #	Hydro	Breakdown	Mfr Date
Due in 2019					
Breakdown/Maintenance					
Fire Extinguisher, A.B.C., 5 Lbs					
SL-409240	1102 Easton Rd Laundry		05/08/13	06/15/07	01/01/01
			Total Fire Extinguisher, A.B.C., 5 Lbs: 1		
Hydrostatic Test					
Fire Extinguisher, A.B.C., 5 Lbs					
YK703521	Susquhanna unit H Attic		05/01/07	05/08/13	01/01/07
YS305939	1100 Easton Rd basement Laundry		06/15/07	05/08/13	06/15/07
YW218746	1100 A Easton Rd Kitchen		06/15/07	05/08/13	06/15/07
			Total Fire Extinguisher, A.B.C., 5 Lbs: 3		
Due in 2020					
Breakdown/Maintenance					
Fire Extinguisher, A.B.C., 5 Lbs					
A27570608	101 Royal Ave Garage		07/09/14	07/09/14	07/09/14
A28926146	101 Royal Ave Kitchen		07/09/14	07/09/14	07/09/14
A27570610	101 Royal Ave Basement		07/09/14	07/09/14	07/09/14
A28927460	101 Royal Ave Living Room		07/09/14	07/09/14	07/09/14
A27572934	101 Royal Ave 2nd floor		07/09/14	07/09/14	07/09/14
A28926144	101 Royal Ave Attic		07/09/14	07/09/14	07/09/14
SU981002	1102 Easton Rd Kitchen		05/09/14	06/20/08	01/01/02
			Total Fire Extinguisher, A.B.C., 5 Lbs: 7		
Hydrostatic Test					
Fire Extinguisher, A.B.C., 5 Lbs					
ZK-950211	Susquhanna unit E 1st Floor		06/20/08	05/09/14	06/20/08
ZK-950213	Susquhanna unit E 2nd Floor		06/20/08	05/09/14	06/20/08
			Total Fire Extinguisher, A.B.C., 5 Lbs: 2		
Fire Extinguisher, Class K, 6 Ltr					
A-97908107	333 Bent Rd Kitchen		11/12/15		11/12/15
			Total Fire Extinguisher, Class K, 6 Ltr: 1		

Inventory & Warranty Report

Generated by: BuildingReports.com

Building: Pahrtners Deaf Services				
The Inventory & Warranty Report lists each of the devices and items that are included in your Inspection Report. A complete inventory count by device type and category is provided. Items installed within the last 90 days, within the last year, and devices installed for two years or more are grouped together for easy reference.				
Device or Item		Category		Quantity
Fire Extinguisher		Fire		83
Fire Extinguisher		Fire		100.00%
Type	Qty	Model #	Description	Manufacture Date
<i>New (under 90 days)</i>				
Amerex				
Fire Extinguisher	7	AB402-18	A.B.C.	05/18/2018
<i>In Service - 1 Year to 2 Years</i>				
Ansul				
Fire Extinguisher	3	X-A05S	A.B.C.	05/19/2017
Amerex				
Fire Extinguisher	4	AB402-16	A.B.C.	10/21/2016
<i>In Service - 2 Years to 3 Years</i>				
Amerex				
Fire Extinguisher	1	AB402-16	A.B.C.	05/19/2016
Fire Extinguisher	2	AB402-16	A.B.C.	01/01/2016
Ansul				
Fire Extinguisher	8	X-AA05-1	A.B.C.	11/12/2015
Fire Extinguisher	1	X-K01-3	Class K	11/12/2015
<i>In Service - 3 Years to 5 Years</i>				
Amerex				
Fire Extinguisher	6	AB402-14	A.B.C.	07/09/2014
<i>In Service - 5 Years to 10 Years</i>				
Amerex				
Fire Extinguisher	2	AB402-12	A.B.C.	08/15/2012
Ansul				
Fire Extinguisher	1	XAA05-1	A.B.C.	08/15/2012
Buckeye				
Fire Extinguisher	3	5HISA40ABC	A.B.C.	08/15/2012
Fire Extinguisher	1	5HISA40ABC	A.B.C.	05/11/2012
Amerex				
Fire Extinguisher	10	AB402-10	A.B.C.	02/23/2010
Kidde				
Fire Extinguisher	2	PRO4TCM-8	A.B.C.	01/01/2010
Buckeye				

Type	Qty	Model #	Description	Manufacture Date
Fire Extinguisher	2	5HISA40ABC	A.B.C.	06/20/2008
<i>In Service - 10 Years to 15 Years</i>				
Amerex				
Fire Extinguisher	2	AB402-07	A.B.C.	06/15/2007
Fire Extinguisher	1	AB402-07	A.B.C.	01/01/2007
Fire Extinguisher	13	AB402-06	A.B.C.	01/01/2006
Fire Extinguisher	4	AB500-06	A.B.C.	01/01/2006
Fire Extinguisher	6	AB402-05	A.B.C.	01/01/2005
Fire Extinguisher	1	AB402-04	A.B.C.	01/01/2004
<i>In Service - 15 Years to 25 Years</i>				
Amerex				
Fire Extinguisher	1	AB402-02	A.B.C.	01/01/2002
Fire Extinguisher	1	A402-01	A.B.C.	01/01/2001
Ansul				
Fire Extinguisher	1	XSJ-0516	A.B.C.	01/01/1998