



744 W. Nebraska Street * Frankfort, IL. 60423
Telephone: 815-464-9300 * Fax: 815-464-9338
E-mail: info@phoenixfire.com

Fire Alarm & Life Safety System Inspection Certificate

For

Prairie Crossing School - Admin
Bldg
1591 Jones Point Road
Grayslake, IL 60030-3536

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: Aug 3, 2017

Building: Prairie Crossing School - Admin Bldg
Contact: Bill Batz
Title: Manager

Company: Phoenix Fire Systems, Inc.
Contact: Wesley Williams
Title: Technician

Executive Summary

Generated by: BuildingReports.com

Building Information		
Building: Prairie Crossing School – Admin Bldg	Contact: Bill Batz	
Address: 1591 Jones Point Road	Phone: 847-543-9722	
Address:	Fax:	
City/State/Zip: Grayslake, IL 60030-3536	Mobile: 815-276-7685	
Country: United States of America	Email: bbatz@pccharterschool.org	
Inspection Performed By		
Company: Phoenix Fire Systems, Inc.	Inspector: Wesley Williams	
Address: 744 Nebraska Street	Phone: 7087322885	
Address:	Fax:	
City/State/Zip: Frankfort, IL 60423	Mobile:	
Country: United States of America	Email: wwilliams.phoenix@comcast.net	
System Control Unit		
Manufacturer: DS	Inspection Date: 08/03/2017	IDC Style: B
Model Number: DS9400	Install Date: 10/19/2010	SLC Style:
Software Version:	Version Date: 10/19/2010	NAC Style: Y
Location: Lower Level	Current Protection: Breaker	
Monitoring		
Company:	Phone:	Account #:
Central Station Signal Verification		
Type: Digital Radio	Mfg: Keltron	Model #:
Test Time/Date: 8/3/17 7:26:20 AM	Restore Time	

Inspection Summary								
Category	Total Items		Serviced		Passed		Failed/Other	
	Qty	%	Qty	%	Qty	%	Qty	%
Indicating	1	3.03%	1	100.00%	1	100.00%	0	0%
Initiating	27	81.82%	27	100.00%	27	100.00%	0	0%
Control	5	15.15%	5	100.00%	5	100.00%	0	0%
Totals	33	100%	33	100.00%	33	100.00%	0	0%
Certification								
Company: Phoenix Fire Systems, Inc.				Building: Prairie Crossing School – Admin Bldg				
Inspector: Wesley Williams				Contact: Bill Batz				
Signed:				Signed:				

Inspection & Testing

Generated by: BuildingReports.com

Device Type	Location	Service	Time	Date
Building: Prairie Crossing School - Admin Bldg		Control Panel: 1 - DS DS9400		
<p><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></p>				
<i>Passed</i>				
Control				
Annunciator	First Floor	Tested	7:21:41 AM	08/03/2017
Battery	Lower Level	Tested	7:26:05 AM	08/03/2017
Battery	Lower Level	Tested	7:26:11 AM	08/03/2017
Communicator	Lower Level Trouble/Alarm to FD	Tested	7:26:20 AM	08/03/2017
Control Panel	Lower Level	Tested	7:10:18 AM	08/03/2017
Indicating				
Horn/Strobe	Building Audibles	Tested	7:26:33 AM	08/03/2017
Initiating				
Pull Station	First Floor	Tested	7:17:49 AM	08/03/2017
Pull Station	Ground Exit	Tested	7:11:03 AM	08/03/2017
Pull Station	Ground Exit	Tested	7:19:21 AM	08/03/2017
Pull Station	Lower Level	Tested	7:21:05 AM	08/03/2017
Smoke Detector	1st South Storeroom	Tested	7:28:51 AM	08/03/2017
Smoke Detector	Attic Mechanical Room	Tested/Cleaned	7:26:44 AM	08/03/2017
Smoke Detector	First Floor	Tested	7:27:57 AM	08/03/2017
Smoke Detector	First Floor	Tested	7:28:03 AM	08/03/2017
Smoke Detector	First Floor	Tested	7:28:09 AM	08/03/2017
Smoke Detector	First Floor	Tested	7:28:15 AM	08/03/2017
Smoke Detector	First Floor	Tested	7:28:22 AM	08/03/2017
Smoke Detector	First Floor	Tested	7:28:29 AM	08/03/2017
Smoke Detector	First Floor	Tested	7:28:36 AM	08/03/2017
Smoke Detector	First Floor	Tested	7:28:43 AM	08/03/2017
Smoke Detector	First Floor Mechanical/ Storeroom	Tested/Cleaned	7:26:39 AM	08/03/2017
Smoke Detector	Ground Lobby	Tested/Cleaned	7:26:26 AM	08/03/2017
Smoke Detector	Lower Level	Tested/Cleaned	7:21:27 AM	08/03/2017
Smoke Detector	Lower Level	Tested/Cleaned	7:22:05 AM	08/03/2017
Smoke Detector	Lower Level	Tested/Cleaned	7:22:12 AM	08/03/2017
Smoke Detector	Lower Level	Tested/Cleaned	7:22:24 AM	08/03/2017
Smoke Detector	Lower Level	Tested/Cleaned	7:22:39 AM	08/03/2017
Smoke Detector	Lower Level	Tested/Cleaned	7:22:55 AM	08/03/2017
Smoke Detector	Lower Level	Tested/Cleaned	7:23:01 AM	08/03/2017
Smoke Detector	Lower Level	Tested/Cleaned	7:23:09 AM	08/03/2017
Smoke Detector	Lower Level	Tested/Cleaned	7:23:26 AM	08/03/2017
Smoke Detector	Lower Level	Tested/Cleaned	7:23:46 AM	08/03/2017
Smoke Detector	Lower Level	Tested	7:27:50 AM	08/03/2017

Service Summary

Generated by: BuildingReports.com

Building: Prairie Crossing School - Admin Bldg

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
Communicator	Tested	1
Control Panel	Tested	1
Horn/Strobe	Tested	1
Pull Station	Tested	4
Smoke Detector	Tested	10
Smoke Detector	Tested/Cleaned	13
Total		33

Auxiliary Functions Testing

Generated by: *BuildingReports.com*

Building: Prairie Crossing School - Admin Bldg		Control Panel: 1 - DS DS9400		
<p><i>The Auxiliary Functions Testing section lists each of the ancillary items, systems, and emergency equipment that are controlled by the system control unit. Items are grouped by Passed or Failed/Other. The items are listed by device type, and a check box is provided to indicate if the test conducted was simulated.</i></p>				
Type	Location	Comment	ScanID	Simulated
<i>Passed</i>				
Smoke Detector				
Elevator Recall	First Floor	Passed	10625339	<input type="checkbox"/>
Elevator Recall	Ground Lobby	Passed	10625344	<input type="checkbox"/>
Elevator Recall	Lower Level	Passed	10625328	<input type="checkbox"/>
Elevator Recall	Lower Level	Passed	10625330	<input type="checkbox"/>

Battery & Power Supply Testing

Generated by: BuildingReports.com

Building: Prairie Crossing School - Admin Bldg		Control Panel: 1 - DS DS9400					
<p><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></p>							
Type	Location	Rated Ah	Rated Volts	Pre Test	Post Test	Min Ah	Tested Ah
<i>Passed</i>							
Battery							
Sealed Lead Acid	Lower Level	26	12	13.3	13.0		
Sealed Lead Acid	Lower Level	26	12	13.3	13.0		

Inventory & Warranty Report

Generated by: *BuildingReports.com*

Building: Prairie Crossing School - Admin Bldg		Control Panel: 1 - DS DS9400		
<p><i>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.</i></p>				
Device or Item	Category	% of Inventory	Quantity	
Control Panel	Control	3.03%	1	
Pull Station	Initiating	12.12%	4	
Smoke Detector	Initiating	69.70%	23	
Annunciator	Control	3.03%	1	
Battery	Control	6.06%	2	
Communicator	Control	3.03%	1	
Horn/Strobe	Indicating	3.03%	1	
Type	Qty	Model #	Description	Install Date
<i>In Service - 5 Years to 10 Years</i>				
Sigmatex				
Battery	2	SP12-26	Sealed Lead Acid	09/15/2011
Ademco				
Pull Station	4	514-MPS1	Single Action	10/19/2010
DS				
Annunciator	1		Zone Indicator	10/19/2010
Control Panel	1	DS9400		10/19/2010
System Sensor				
Horn/Strobe	1			10/19/2010
Smoke Detector	23	2100TS	Photoelectric	10/19/2010
Keltron				
Communicator	1		Digital Radio	04/07/2009

Zone Address Report

Generated by: BuildingReports.com

Address	Device Type	Location	Type	ScanID
Building: Prairie Crossing School - Admin Bldg		Control Panel: 1 - DS DS9400		
<i>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.</i>				
Zone/Circuit: 2				
	Pull Station	Ground Exit	Single Action	10625340
	Pull Station	Ground Exit	Single Action	10625342
Zone/Circuit: 5				
	Smoke Detector	Attic Mechanical Room	Photoelectric	15559099
	Smoke Detector	First Floor	Photoelectric	10625339
	Smoke Detector	First Floor	Photoelectric	10625331
	Smoke Detector	First Floor	Photoelectric	10625332
	Smoke Detector	First Floor	Photoelectric	10625333
	Smoke Detector	First Floor	Photoelectric	10625334
	Smoke Detector	First Floor Mechanical/ Storeroom	Photoelectric	15559100
	Smoke Detector	Ground Lobby	Photoelectric	10625344
	Smoke Detector	Lower Level	Photoelectric	10625328
	Smoke Detector	Lower Level	Photoelectric	10625330
Zone/Circuit: 7				
	Pull Station	First Floor	Single Action	10625336
	Pull Station	Lower Level	Single Action	10625327
	Smoke Detector	Lower Level	Photoelectric	10625329
	Smoke Detector	Lower Level	Photoelectric	10625321
	Smoke Detector	Lower Level	Photoelectric	10625322
	Smoke Detector	Lower Level	Photoelectric	10625323
	Smoke Detector	Lower Level	Photoelectric	10625324
	Smoke Detector	Lower Level	Photoelectric	10625325
	Smoke Detector	Lower Level	Photoelectric	10625326
	Smoke Detector	Lower Level	Photoelectric	10625319
	Smoke Detector	Lower Level	Photoelectric	10625320
Zone/Circuit: 8				
	Smoke Detector	1st South Storeroom	Photoelectric	17020648
	Smoke Detector	First Floor	Photoelectric	10625337
	Smoke Detector	First Floor	Photoelectric	10625338
	Smoke Detector	First Floor	Photoelectric	10625335

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For

Prairie Crossing School -
Classroom
1591 Jones Point Road
Grayslake, IL 60030-3536

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: Aug 3, 2017

Building: Prairie Crossing School - Classroom
Contact: Bill Batz
Title: Manager

Company: Phoenix Fire Systems, Inc.
Contact: Wesley Williams
Title: Technician

Executive Summary

Generated by: BuildingReports.com

Building Information		
Building: Prairie Crossing School – Classroom	Contact: Bill Batz	
Address: 1591 Jones Point Road	Phone: 847-543-9722	
Address:	Fax:	
City/State/Zip: Grayslake, IL 60030-3536	Mobile: 815-276-7685	
Country: United States of America	Email: bbatz@pccharterschool.org	
Inspection Performed By		
Company: Phoenix Fire Systems, Inc.	Inspector: Wesley Williams	
Address: 744 Nebraska Street	Phone: 7087322885	
Address:	Fax:	
City/State/Zip: Frankfort, IL 60423	Mobile:	
Country: United States of America	Email: wwilliams.phoenix@comcast.net	
System Control Unit		
Manufacturer: Fenwal	Inspection Date: 08/03/2017	IDC Style: B
Model Number: 6000	Install Date: 10/13/2006	SLC Style:
Software Version: 1.22	Version Date: 10/19/2010	NAC Style: Y
Location: Ground North Electrical/ Mechanical Room	Current Protection: Breaker	
Monitoring		
Company:	Phone:	Account #:
Central Station Signal Verification		
Type: Digital Radio	Mfg: Keltron	Model #:
Test Time/Date: 8/3/17 7:59:30 AM	Restore Time	

Inspection Summary								
Category	Total Items		Serviced		Passed		Failed/Other	
	Qty	%	Qty	%	Qty	%	Qty	%
Supervisory	2	5.88%	2	100.00%	2	100.00%	0	0%
Indicating	2	5.88%	2	100.00%	2	100.00%	0	0%
Initiating	22	64.71%	22	100.00%	22	100.00%	0	0%
Control	8	23.53%	8	100.00%	8	100.00%	0	0%
Totals	34	100%	34	100.00%	34	100.00%	0	0%
Certification								
Company: Phoenix Fire Systems, Inc.				Building: Prairie Crossing School – Classroom				
Inspector: Wesley Williams				Contact: Bill Batz				
Signed:				Signed:				

Inspection & Testing

Generated by: BuildingReports.com

Building: Prairie Crossing School - Classroom Control Panel: 1 - Fenwal 6000				
<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	Ground East Entrance	Tested	8:11:23 AM	08/03/2017
Battery	Ground North Electrical/ Mechanical Room	Tested	7:57:13 AM	08/03/2017
Battery	Ground North Electrical/ Mechanical Room	Tested	7:58:33 AM	08/03/2017
Battery	Ground North Electrical/ Mechanical Room	Tested	8:00:47 AM	08/03/2017
Battery	Ground North Electrical/ Mechanical Room	Tested	8:01:12 AM	08/03/2017
Communicator	Ground North Electrical/ Mechanical Room	Tested	7:59:30 AM	08/03/2017
Control Panel	Ground North Electrical/ Mechanical Room	Tested	7:42:27 AM	08/03/2017
Expander Panel	Ground North Electrical/ Mechanical Room	Tested	8:00:42 AM	08/03/2017
Indicating				
Bell	Ground off Waterflow Alarm	Tested	8:10:33 AM	08/03/2017
Horn/Strobe	Building Audibles	Tested	7:59:40 AM	08/03/2017
Initiating				
Duct Detector	Ground East	Tested/Cleaned	7:59:47 AM	08/03/2017
Duct Detector	Ground West	Tested/Cleaned	7:59:53 AM	08/03/2017
Heat Detector	Ground	Tested	8:00:37 AM	08/03/2017
Pull Station	Ground East Entrance	Tested	7:49:12 AM	08/03/2017
Pull Station	Ground North Classroom 25 Exit	Tested	8:11:44 AM	08/03/2017
Pull Station	Ground North Entrance	Tested	7:46:52 AM	08/03/2017
Pull Station	Ground Northeast Classroom 21 Exit	Tested	7:48:34 AM	08/03/2017
Pull Station	Ground Northeast Classroom 23 Exit	Tested	7:48:02 AM	08/03/2017
Pull Station	Ground Northwest Classroom 27 Exit	Tested	8:11:50 AM	08/03/2017
Pull Station	Ground South Entrance	Tested	7:55:14 AM	08/03/2017
Pull Station	Ground Southeast Classroom 22 Exit	Tested	7:50:19 AM	08/03/2017
Pull Station	Ground Southeast Classroom 24 Exit	Tested	7:51:15 AM	08/03/2017
Pull Station	Ground Southwest Classroom 26 Exit	Tested	7:52:38 AM	08/03/2017
Pull Station	Ground Southwest Classroom 28 Exit	Tested	7:53:33 AM	08/03/2017
Pull Station	Ground West Entrance	Tested	7:44:12 AM	08/03/2017
Smoke Detector	Ground	Tested/Cleaned	7:59:58 AM	08/03/2017
Smoke Detector	Ground	Tested/Cleaned	8:00:04 AM	08/03/2017
Smoke Detector	Ground	Tested/Cleaned	8:00:13 AM	08/03/2017
Smoke Detector	Ground	Tested/Cleaned	8:00:19 AM	08/03/2017
Smoke Detector	Ground	Tested/Cleaned	8:00:24 AM	08/03/2017
Smoke Detector	Ground	Tested/Cleaned	8:00:32 AM	08/03/2017
Waterflow Switch	Ground Sprinkler Room	Tested	8:10:39 AM	08/03/2017
Supervisory				
Tamper Switch	Ground Sprinkler Room	Tested	8:10:24 AM	08/03/2017
Tamper Switch	Ground Sprinkler Room	Tested	8:10:28 AM	08/03/2017

Service Summary

Generated by: BuildingReports.com

Building: Prairie Crossing School - Classroom

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	4
Bell	Tested	1
Communicator	Tested	1
Control Panel	Tested	1
Duct Detector	Tested/Cleaned	2
Expander Panel	Tested	1
Heat Detector	Tested	1
Horn/Strobe	Tested	1
Pull Station	Tested	12
Smoke Detector	Tested/Cleaned	6
Tamper Switch	Tested	2
Waterflow Switch	Tested	1
Total		34

Time, Temperature & Level Testing

Generated by: BuildingReports.com

Building: Prairie Crossing School - Classroom Control Panel: 1 - Fenwal 6000						
<i>The Time, Temperature, & Level Testing section details the measurements taken from various devices that are designed to respond in a certain amount of time, respond at a certain temperature, or respond within the acceptable range of volume or level. Items are grouped by Passed or Failed/Other.</i>						
Type	Location	Comment	Sec	Deg	Lvl	ScanID
<i>Passed</i>						
Waterflow Switch						
	Ground Sprinkler Room	Passed	30 sec s	n/a	n/a	10629700

Battery & Power Supply Testing

Generated by: BuildingReports.com

Building: Prairie Crossing School - Classroom Control Panel: 1 - Fenwal 6000							
<p><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></p>							
Type	Location	Rated Ah	Rated Volts	Pre Test	Post Test	Min Ah	Tested Ah
<i>Passed</i>							
Battery							
Sealed Lead Acid	Ground North Electrical/ Mechanical Room	26	12				
Sealed Lead Acid	Ground North Electrical/ Mechanical Room	26	12				
Sealed Lead Acid	Ground North Electrical/ Mechanical Room	7	12				
Sealed Lead Acid	Ground North Electrical/ Mechanical Room	7	12				

Inventory & Warranty Report

Generated by: BuildingReports.com

Building: Prairie Crossing School - Classroom Control Panel: 1 - Fenwal 6000				
<i>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.</i>				
Device or Item	Category	% of Inventory	Quantity	
Control Panel	Control	2.94%	1	
Pull Station	Initiating	35.29%	12	
Battery	Control	11.76%	4	
Communicator	Control	2.94%	1	
Horn/Strobe	Indicating	2.94%	1	
Duct Detector	Initiating	5.88%	2	
Smoke Detector	Initiating	17.65%	6	
Heat Detector	Initiating	2.94%	1	
Expander Panel	Control	2.94%	1	
Tamper Switch	Supervisory	5.88%	2	
Bell	Indicating	2.94%	1	
Waterflow Switch	Initiating	2.94%	1	
Annunciator	Control	2.94%	1	
Type	Qty	Model #	Description	Install Date
<i>In Service - 3 Years to 5 Years</i>				
Werker				
Battery	2	WKA12-7	Sealed Lead Acid	09/30/2013
Battery	2	WKA12-26NB	Sealed Lead Acid	10/15/2012
<i>In Service - 10 Years to 15 Years</i>				
FCI				
Expander Panel	1	SNAC-6		10/13/2006
Fenwal				
Annunciator	1	RDCM	LCD Display	10/13/2006
Control Panel	1	6000		10/13/2006
Duct Detector	2	DH-60	Photoelectric	07/14/2006
Heat Detector	1	THD-7252		07/14/2006
Pull Station	12	280	Dual Action	07/14/2006
Smoke Detector	6	PSD-7152	Photoelectric	07/14/2006
Gentex				
Horn/Strobe	1	GEC24		07/14/2006
Keltron				
Communicator	1		Digital Radio	07/14/2006
Potter				
Bell	1	PBA1206		07/14/2006
Tamper Switch	2	OSYSU-2		07/14/2006
Waterflow Switch	1	VSR-F		07/14/2006

Zone Address Report

Generated by: BuildingReports.com

Building: Prairie Crossing School - Classroom Control Panel: 1 - Fenwal 6000

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
003	Smoke Detector	Ground	Photoelectric	10625356
004	Smoke Detector	Ground	Photoelectric	10625353
005	Pull Station	Ground East Entrance	Dual Action	17020465
006	Pull Station	Ground Northeast Classroom 21 Exit	Dual Action	10625360
007	Pull Station	Ground Northeast Classroom 23 Exit	Dual Action	10625363
008	Pull Station	Ground Southeast Classroom 22 Exit	Dual Action	10625361
009	Pull Station	Ground Southeast Classroom 24 Exit	Dual Action	10625362
010	Pull Station	Ground South Entrance	Dual Action	10625365
011	Pull Station	Ground North Entrance	Dual Action	20711657
012	Pull Station	Ground Southwest Classroom 26 Exit	Dual Action	10625367
013	Pull Station	Ground Southwest Classroom 28 Exit	Dual Action	10625368
014	Pull Station	Ground Northwest Classroom 27 Exit	Dual Action	10625369
015	Pull Station	Ground North Classroom 25 Exit	Dual Action	10625366
016	Pull Station	Ground West Entrance	Dual Action	10629705
030	Smoke Detector	Ground	Photoelectric	10625352
031	Smoke Detector	Ground	Photoelectric	10625354
032	Smoke Detector	Ground	Photoelectric	10625355
033	Heat Detector	Ground		10625358
034	Smoke Detector	Ground	Photoelectric	10625357
035	Duct Detector	Ground East	Photoelectric	10625351
036	Duct Detector	Ground West	Photoelectric	10625350
037	Tamper Switch	Ground Sprinkler Room		10629701
037	Tamper Switch	Ground Sprinkler Room		10629702
038	Waterflow Switch	Ground Sprinkler Room		10629700

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Fire Alarm & Life Safety System Inspection Certificate

For

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Classroom II
1591 Jones Point Road
Grayslake, IL 60030-3536

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Inspection Date: Aug 3, 2017

Building: Prairie Crossing School - Classroom II
Contact: Bill Batz
Title: Manager

Company: Phoenix Fire Systems, Inc.
Contact: Wesley Williams
Title: Technician

Executive Summary

Generated by: BuildingReports.com

Building Information		
Building: Prairie Crossing School – Classroom II	Contact: Bill Batz	
Address: 1591 Jones Point Road	Phone: 847-543-9722	
Address:	Fax:	
City/State/Zip: Grayslake, IL 60030-3536	Mobile: 815-276-7685	
Country: United States of America	Email: bbatz@pccharterschool.org	
Inspection Performed By		
Company: Phoenix Fire Systems, Inc.	Inspector: Wesley Williams	
Address: 744 Nebraska Street	Phone: 7087322885	
Address:	Fax:	
City/State/Zip: Frankfort, IL 60423	Mobile:	
Country: United States of America	Email: wwilliams.phoenix@comcast.net	
System Control Unit		
Manufacturer: Fenwal	Inspection Date: 08/03/2017	IDC Style: B
Model Number: 2000	Install Date: 06/09/2006	SLC Style:
Software Version: 80.1SL	Version Date: 06/09/2006	NAC Style: Y
Location: Ground South Mechanical Room	Current Protection: Breaker	
Monitoring		
Company:	Phone:	Account #:
Central Station Signal Verification		
Type: Digital Radio	Mfg: Keltron	Model #:
Test Time/Date: 8/3/17 9:47:44 AM	Restore Time	

Inspection Summary								
Category	Total Items		Serviced		Passed		Failed/Other	
	Qty	%	Qty	%	Qty	%	Qty	%
Supervisory	2	7.69%	2	100.00%	2	100.00%	0	0%
Indicating	2	7.69%	2	100.00%	2	100.00%	0	0%
Initiating	17	65.38%	17	100.00%	17	100.00%	0	0%
Control	5	19.23%	5	100.00%	5	100.00%	0	0%
Totals	26	100%	26	100.00%	26	100.00%	0	0%
Certification								
Company: Phoenix Fire Systems, Inc.				Building: Prairie Crossing School – Classroom II				
Inspector: Wesley Williams				Contact: Bill Batz				
Signed:				Signed:				

Notes & Recommendations

Generated by: BuildingReports.com

Building: Prairie Crossing School - Classroom II		Control Panel: 1 - Fenwal 2000		
<i>The Notes & Recommendations Report details additional inspection notes made by the Inspectors during the course of the building inspection. Notes are grouped by Category.</i>				
ScanID	Note	Device Type	Location	Comment
<i>Initiating</i>				
10629640	1	Pull Station	Ground South Commons Entrance	Passed
Pull Station is lose				

Inspection & Testing

Generated by: BuildingReports.com

Device Type	Location	Service	Time	Date
Passed				
Control				
Annunciator	Ground East Entrance	Tested	9:55:04 AM	08/03/2017
Battery	Ground South Mechanical Room	Tested	9:47:06 AM	08/03/2017
Battery	Ground South Mechanical Room	Tested	9:47:31 AM	08/03/2017
Communicator	Ground South Mechanical Room	Tested	9:47:44 AM	08/03/2017
Control Panel	Ground South Mechanical Room	Tested	9:47:01 AM	08/03/2017
Indicating				
Bell	Ground South Mechanical Room	Tested	9:48:34 AM	08/03/2017
Horn/Strobe	Building Audibles	Tested	9:47:50 AM	08/03/2017
Initiating				
Heat Detector	Ground South Janitors Closet	Tested	9:48:29 AM	08/03/2017
Pull Station	Ground East Entrance	Tested	9:40:55 AM	08/03/2017
Pull Station	Ground North Classroom 15 Exit	Checked	10:06:10 AM	08/03/2017
Pull Station	Ground North Classroom 16 Exit	Tested	9:56:39 AM	08/03/2017
Pull Station	Ground Northeast Classroom 19 Exit	Tested	9:55:33 AM	08/03/2017
Pull Station	Ground Northeast Classroom 17 Exit	Tested	9:55:54 AM	08/03/2017
Pull Station	Ground Northwest Classroom 11 Exit	Tested	9:58:53 AM	08/03/2017
Pull Station	Ground Northwest Classroom 13 Exit	Tested	9:58:29 AM	08/03/2017
Pull Station	Ground South Commons Entrance	Tested	9:44:16 AM	08/03/2017
Pull Station	Ground Southeast Classroom 18 Exit	Tested	9:53:44 AM	08/03/2017
Pull Station	Ground Southeast Classroom 20 Exit	Tested	9:54:10 AM	08/03/2017
Pull Station	Ground Southwest Classroom 12 Exit	Tested	9:59:33 AM	08/03/2017
Pull Station	Ground Southwest Classroom 14 Exit	Tested	10:00:39 AM	08/03/2017
Pull Station	Ground West Entrance	Tested	9:59:15 AM	08/03/2017
Smoke Detector	Ground North Electrical Room	Tested/Cleaned	9:48:25 AM	08/03/2017
Smoke Detector	Ground South Mechanical Room	Tested/Cleaned	9:47:55 AM	08/03/2017
Waterflow Switch	Ground South Mechanical Room	Tested	10:06:44 AM	08/03/2017
Supervisory				
Tamper Switch	Ground South Mechanical Room	Tested	9:51:17 AM	08/03/2017
Tamper Switch	Ground South Mechanical Room	Tested	9:51:22 AM	08/03/2017

Service Summary

Generated by: BuildingReports.com

Building: Prairie Crossing School - Classroom II

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
Bell	Tested	1
Communicator	Tested	1
Control Panel	Tested	1
Heat Detector	Tested	1
Horn/Strobe	Tested	1
Pull Station	Checked	1
Pull Station	Tested	12
Smoke Detector	Tested/Cleaned	2
Tamper Switch	Tested	2
Waterflow Switch	Tested	1
Total		26

Time, Temperature & Level Testing

Generated by: BuildingReports.com

Building: Prairie Crossing School - Classroom II		Control Panel: 1 - Fenwal 2000				
<i>The Time, Temperature, & Level Testing section details the measurements taken from various devices that are designed to respond in a certain amount of time, respond at a certain temperature, or respond within the acceptable range of volume or level. Items are grouped by Passed or Failed/Other.</i>						
Type	Location	Comment	Sec	Deg	Lvl	ScanID
<i>Passed</i>						
Waterflow Switch						
	Ground South Mechanical Room	Passed	30 sec s	n/a	n/a	20707521

Battery & Power Supply Testing

Generated by: BuildingReports.com

Building: Prairie Crossing School - Classroom II		Control Panel: 1 - Fenwal 2000					
<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	Ground South Mechanical Room	18	12				
Sealed Lead Acid	Ground South Mechanical Room	18	12				

Inventory & Warranty Report

Generated by: BuildingReports.com

Building: Prairie Crossing School - Classroom II		Control Panel: 1 - Fenwal 2000		
<p><i>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.</i></p>				
Device or Item	Category	% of Inventory	Quantity	
Pull Station	Initiating	50.00%	13	
Control Panel	Control	3.85%	1	
Battery	Control	7.69%	2	
Communicator	Control	3.85%	1	
Horn/Strobe	Indicating	3.85%	1	
Smoke Detector	Initiating	7.69%	2	
Heat Detector	Initiating	3.85%	1	
Bell	Indicating	3.85%	1	
Tamper Switch	Supervisory	7.69%	2	
Annunciator	Control	3.85%	1	
Waterflow Switch	Initiating	3.85%	1	
Type	Qty	Model #	Description	Install Date
<i>In Service - 1 Year to 2 Years</i>				
Potter				
Waterflow Switch	1	VSR		11/25/2015
Yuasa				
Battery	1	NP18-12BFR	Sealed Lead Acid	09/17/2015
<i>In Service - 2 Years to 3 Years</i>				
Yuasa				
Battery	1	NP18-12BFR	Sealed Lead Acid	08/05/2015
<i>In Service - 5 Years to 10 Years</i>				
Fenwal				
Annunciator	1	RDM	LCD Display	10/19/2010
<i>In Service - 10 Years to 15 Years</i>				
FCI				
Pull Station	13	MS-2	Dual Action	06/09/2006
Fenwal				
Control Panel	1	2000		06/09/2006
Heat Detector	1	THD-7252	Rate-of-Rise	06/09/2006
Smoke Detector	2	PSD-7152	Photoelectric	06/09/2006
Gentex				
Horn/Strobe	1	GES24		06/09/2006
Keltron				

Communicator	1	Digital Radio	06/09/2006
Potter			
Tamper Switch	2	OSYSU-2	06/09/2006
Potter Electric			
Bell	1	PBA1206	06/09/2006

Zone Address Report

Generated by: BuildingReports.com

Building: Prairie Crossing School - Classroom II Control Panel: 1 - Fenwal 2000

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
1200	Tamper Switch	Ground South Mechanical Room		10626990
1200	Tamper Switch	Ground South Mechanical Room		10629633
1200	Waterflow Switch	Ground South Mechanical Room		20707521
Zone/Circuit: 1				
001	Smoke Detector	Ground South Mechanical Room	Photoelectric	10629651
002	Pull Station	Ground South Commons Entrance	Dual Action	10629640
003	Pull Station	Ground North Classroom 15 Exit	Dual Action	10629639
004	Pull Station	Ground North Classroom 16 Exit	Dual Action	10629641
005	Smoke Detector	Ground North Electrical Room	Photoelectric	10629650
006	Pull Station	Ground Northeast Classroom 19 Exit	Dual Action	10629646
007	Pull Station	Ground Northeast Classroom 17 Exit	Dual Action	10629642
008	Pull Station	Ground Southeast Classroom 18 Exit	Dual Action	10629643
009	Pull Station	Ground Southeast Classroom 20 Exit	Dual Action	10629647
010	Pull Station	Ground East Entrance	Dual Action	10629644
012	Pull Station	Ground Southwest Classroom 14 Exit	Dual Action	10629638
013	Pull Station	Ground Southwest Classroom 12 Exit	Dual Action	10629636
014	Pull Station	Ground Northwest Classroom 11 Exit	Dual Action	10629635
015	Pull Station	Ground Northwest Classroom 13 Exit	Dual Action	10629637
016	Pull Station	Ground West Entrance	Dual Action	17020466
019	Heat Detector	Ground South Janitors Closet	Rate-of-Rise	10629649

#



744 W. Nebraska Street * Frankfort, IL. 60423
Telephone: 815-464-9300 * Fax: 815-464-9338
E-mail: info@phoenixfire.com

Fire Alarm & Life Safety System Inspection Certificate

For

Prairie Crossing School -
Gymnasium
1591 Jones Point Road
Grayslake, IL 60030-3536

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: Aug 3, 2017

Building: Prairie Crossing School - Gymnasium
Contact: Bill Batz
Title: Manager

Company: Phoenix Fire Systems, Inc.
Contact: Wesley Williams
Title: Technician

Executive Summary

Generated by: BuildingReports.com

Building Information		
Building: Prairie Crossing School – Gymnasium	Contact: Bill Batz	
Address: 1591 Jones Point Road	Phone: 847-543-9722	
Address:	Fax:	
City/State/Zip: Grayslake, IL 60030-3536	Mobile: 815-276-7685	
Country: United States of America	Email: bbatz@pccharterschool.org	
Inspection Performed By		
Company: Phoenix Fire Systems, Inc.	Inspector: Wesley Williams	
Address: 744 Nebraska Street	Phone: 7087322885	
Address:	Fax:	
City/State/Zip: Frankfort, IL 60423	Mobile:	
Country: United States of America	Email: wwilliams.phoenix@comcast.net	
System Control Unit		
Manufacturer: Fenwal	Inspection Date: 08/03/2017	IDC Style: B
Model Number: 6000	Install Date: 10/13/2006	SLC Style:
Software Version: 1.2	Version Date: 10/19/2010	NAC Style: Y
Location: Ground Northwest Electrical Room	Current Protection: Breaker	
Monitoring		
Company:	Phone:	Account #:
Central Station Signal Verification		
Type: Digital Radio	Mfg: Keltron	Model #:
Test Time/Date: 8/3/17 9:15:44 AM	Restore Time	

Inspection Summary								
Category	Total Items		Serviced		Passed		Failed/Other	
	Qty	%	Qty	%	Qty	%	Qty	%
Supervisory	2	10.00%	2	100.00%	2	100.00%	0	0%
Indicating	2	10.00%	2	100.00%	2	100.00%	0	0%
Initiating	11	55.00%	11	100.00%	11	100.00%	0	0%
Control	5	25.00%	5	100.00%	5	100.00%	0	0%
Totals	20	100%	20	100.00%	20	100.00%	0	0%
Certification								
Company: Phoenix Fire Systems, Inc.			Building: Prairie Crossing School – Gymnasium					
Inspector: Wesley Williams			Contact: Bill Batz					
Signed:			Signed:					

Inspection & Testing

Generated by: *BuildingReports.com*

Device Type	Location	Service	Time	Date
Building: Prairie Crossing School - Gymnasium				
Control Panel: 1 - Fenwal 6000				
<p><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></p>				
<i>Passed</i>				
Control				
Annunciator	Ground Southwest Sprinkler Room	Tested	9:11:39 AM	08/03/2017
Battery	Ground Northwest Electrical Room	Tested	9:13:56 AM	08/03/2017
Battery	Ground Northwest Electrical Room	Tested	9:15:27 AM	08/03/2017
Communicator	Ground Northwest Electrical Room	Tested	9:15:44 AM	08/03/2017
Control Panel	Ground Northwest Electrical Room	Tested	9:13:43 AM	08/03/2017
Indicating				
Bell	Ground Southwest Sprinkler Room	Tested	9:22:55 AM	08/03/2017
Horn/Strobe	Building Audibles	Tested	9:15:52 AM	08/03/2017
Initiating				
Duct Detector	Mezzanine West Mechanical Room	Tested/Cleaned	9:16:44 AM	08/03/2017
Heat Detector	Ground Southwest Sprinkler Room	Tested	9:16:49 AM	08/03/2017
Pull Station	Ground North Stage Exit	Tested	9:24:12 AM	08/03/2017
Pull Station	Ground Northwest Entrance	Tested	9:08:46 AM	08/03/2017
Pull Station	Ground Southeast Entrance	Tested	9:10:46 AM	08/03/2017
Pull Station	Ground Southwest Entrance	Tested	9:12:42 AM	08/03/2017
Smoke Detector	Ground	Tested/Cleaned	9:16:35 AM	08/03/2017
Smoke Detector	Ground Northwest Electrical Room	Tested/Cleaned	9:16:26 AM	08/03/2017
Smoke Detector	Ground Northwest Storeroom	Tested/Cleaned	9:16:10 AM	08/03/2017
Smoke Detector	Ground West Storeroom	Tested/Cleaned	9:16:39 AM	08/03/2017
Waterflow Switch	Ground Southwest Sprinkler Room	Tested	9:23:11 AM	08/03/2017
Supervisory				
Tamper Switch	Ground Southwest Sprinkler Room	Tested	9:19:21 AM	08/03/2017
Tamper Switch	Ground Southwest Sprinkler Room	Tested	9:19:57 AM	08/03/2017

Service Summary

Generated by: BuildingReports.com

Building: Prairie Crossing School - Gymnasium

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
Bell	Tested	1
Communicator	Tested	1
Control Panel	Tested	1
Duct Detector	Tested/Cleaned	1
Heat Detector	Tested	1
Horn/Strobe	Tested	1
Pull Station	Tested	4
Smoke Detector	Tested/Cleaned	4
Tamper Switch	Tested	2
Waterflow Switch	Tested	1
Total		20

Time, Temperature & Level Testing

Generated by: BuildingReports.com

Building: Prairie Crossing School - Gymnasium		Control Panel: 1 - Fenwal 6000				
<i>The Time, Temperature, & Level Testing section details the measurements taken from various devices that are designed to respond in a certain amount of time, respond at a certain temperature, or respond within the acceptable range of volume or level. Items are grouped by Passed or Failed/Other.</i>						
Type	Location	Comment	Sec	Deg	Lvl	ScanID
<i>Passed</i>						
Waterflow Switch						
	Ground Southwest Sprinkler Room	Passed	45	n/a	n/a	10629665

Battery & Power Supply Testing

Generated by: BuildingReports.com

Building: Prairie Crossing School - Gymnasium		Control Panel: 1 - Fenwal 6000					
<p><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></p>							
Type	Location	Rated Ah	Rated Volts	Pre Test	Post Test	Min Ah	Tested Ah
<i>Passed</i>							
Battery							
Sealed Lead Acid	Ground Northwest Electrical Room	18	12				
Sealed Lead Acid	Ground Northwest Electrical Room	18	12				

Inventory & Warranty Report

Generated by: BuildingReports.com

Building: Prairie Crossing School - Gymnasium		Control Panel: 1 - Fenwal 6000		
<p><i>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.</i></p>				
Device or Item	Category	% of Inventory	Quantity	
Pull Station	Initiating	20.00%	4	
Annunciator	Control	5.00%	1	
Control Panel	Control	5.00%	1	
Battery	Control	10.00%	2	
Communicator	Control	5.00%	1	
Horn/Strobe	Indicating	5.00%	1	
Smoke Detector	Initiating	20.00%	4	
Duct Detector	Initiating	5.00%	1	
Heat Detector	Initiating	5.00%	1	
Tamper Switch	Supervisory	10.00%	2	
Bell	Indicating	5.00%	1	
Waterflow Switch	Initiating	5.00%	1	
Type	Qty	Model #	Description	Install Date
<i>In Service - 2 Years to 3 Years</i>				
Sigmatex				
Battery	1	NP18-12BFR	Sealed Lead Acid	08/15/2015
Battery	1	NP18-12BFR	Sealed Lead Acid	08/05/2015
<i>In Service - 10 Years to 15 Years</i>				
Fenwal				
Annunciator	1	RDCM	LCD Display	10/13/2006
Control Panel	1	6000		10/13/2006
Duct Detector	1	DH-60	Photoelectric	10/13/2006
Heat Detector	1	THD-7252	Rate-of-Rise	10/13/2006
Pull Station	4	280	Dual Action	10/13/2006
Smoke Detector	4	PSD-7152	Photoelectric	10/13/2006
Gentex				
Horn/Strobe	1			10/13/2006
Keltron				
Communicator	1		Digital Radio	10/13/2006
Potter				
Bell	1	PBA-1206		10/13/2006
Tamper Switch	2	OSYSU-2		10/13/2006
Waterflow Switch	1	VSR-F 4"		10/13/2006

Zone Address Report

Generated by: BuildingReports.com

Building: Prairie Crossing School -
Gymnasium

Control Panel: 1 - Fenwal 6000

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
005	Smoke Detector	Ground Northwest Storeroom	Photoelectric	10629662
006	Smoke Detector	Ground Northwest Electrical Room	Photoelectric	10629661
007	Smoke Detector	Ground	Photoelectric	10629660
008	Smoke Detector	Ground West Storeroom	Photoelectric	10629659
009	Heat Detector	Ground Southwest Sprinkler Room	Rate-of-Rise	10629657
010	Pull Station	Ground Northwest Entrance	Dual Action	10629670
011	Pull Station	Ground North Stage Exit	Dual Action	10629667
012	Pull Station	Ground Southwest Entrance	Dual Action	17020464
014	Duct Detector	Mezzanine West Mechanical Room	Photoelectric	10629658
014	Pull Station	Ground Southeast Entrance	Dual Action	20711656
018	Waterflow Switch	Ground Southwest Sprinkler Room		10629665
019	Tamper Switch	Ground Southwest Sprinkler Room		10629669
026	Tamper Switch	Ground Southwest Sprinkler Room		10629666

#



744 W. Nebraska Street * Frankfort, IL. 60423
Telephone: 815-464-9300 * Fax: 815-464-9338
E-mail: info@phoenixfire.com

Fire Alarm & Life Safety System Inspection Certificate

For

Prairie Crossing School - Wright
Schoolhouse
1591 Jones Point Road
Grayslake, IL 60030-3536

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: Aug 3, 2017

Building: Prairie Crossing School - Wright Schoolhouse
Contact: Bill Batz
Title: Manager

Company: Phoenix Fire Systems, Inc.
Contact: Wesley Williams
Title: Technician

Executive Summary

Generated by: BuildingReports.com

Building Information		
Building: Prairie Crossing School – Wright Schoolhouse	Contact: Bill Batz	
Address: 1591 Jones Point Road	Phone: 847-543-9722	
Address:	Fax:	
City/State/Zip: Grayslake, IL 60030-3536	Mobile: 847-276-7685	
Country: United States of America	Email: bbatz@pccharterschool.org	
Inspection Performed By		
Company: Phoenix Fire Systems, Inc.	Inspector: Wesley Williams	
Address: 744 Nebraska Street	Phone: 7087322885	
Address:	Fax:	
City/State/Zip: Frankfort, IL 60423	Mobile:	
Country: United States of America	Email: wwilliams.phoenix@comcast.net	
System Control Unit		
Manufacturer: Silent Knight	Inspection Date: 08/03/2017	IDC Style: B
Model Number: 5204	Install Date: 08/03/2011	SLC Style:
Software Version:	Version Date: 08/16/1999	NAC Style: Y
Location: Ground South Mechanical Room	Current Protection: Breaker	
Monitoring		
Company:	Phone:	Account #:
Central Station Signal Verification		
Type: Digital Radio	Mfg: Keltron	Model #: NP18-12B
Test Time/Date: 8/3/17 8:33:31 AM	Restore Time	

Inspection Summary								
Category	Total Items		Serviced		Passed		Failed/Other	
	Qty	%	Qty	%	Qty	%	Qty	%
Indicating	1	4.35%	1	100.00%	1	100.00%	0	0%
Initiating	18	78.26%	18	100.00%	18	100.00%	0	0%
Control	4	17.39%	4	100.00%	4	100.00%	0	0%
Totals	23	100%	23	100.00%	23	100.00%	0	0%
Certification								
Company: Phoenix Fire Systems, Inc.			Building: Prairie Crossing School – Wright Schoolhouse					
Inspector: Wesley Williams			Contact: Bill Batz					
Signed:			Signed:					

Inspection & Testing

Generated by: BuildingReports.com

Building: Prairie Crossing School - Wright Schoolhouse	Control Panel: 1 - Silent Knight 5204			
<p><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></p>				
Device Type	Location	Service	Time	Date
<i>Passed</i>				
Control				
Battery	Ground South Mechanical Room	Tested	8:31:52 AM	08/03/2017
Battery	Ground South Mechanical Room	Tested	8:33:28 AM	08/03/2017
Communicator	Ground South Mechanical Room	Tested	8:33:31 AM	08/03/2017
Control Panel	Ground South Mechanical Room	Tested	8:31:43 AM	08/03/2017
Indicating				
Horn/Strobe	Ground All	Tested	8:33:38 AM	08/03/2017
Initiating				
Heat Detector	1st Southeast Store/HVAC Room	Tested	8:41:21 AM	08/03/2017
Heat Detector	Ground South Mechanical Room	Tested	8:37:56 AM	08/03/2017
Pull Station	1st North Entrance	Tested	8:28:46 AM	08/03/2017
Pull Station	1st Southwest Exit To Stairs	Tested	8:40:59 AM	08/03/2017
Pull Station	Ground Southwest Exit	Tested	8:40:10 AM	08/03/2017
Pull Station	Ground West Entrance	Tested	8:36:04 AM	08/03/2017
Smoke Detector	1st Center Common Area	Tested	8:46:38 AM	08/03/2017
Smoke Detector	1st Center Common Area	Tested	8:46:44 AM	08/03/2017
Smoke Detector	1st North Common Area	Tested/Cleaned	8:33:50 AM	08/03/2017
Smoke Detector	1st North Common Area	Tested	8:42:32 AM	08/03/2017
Smoke Detector	1st South Bathroom	Tested	8:46:50 AM	08/03/2017
Smoke Detector	1st South Stairwell	Tested/Cleaned	8:33:44 AM	08/03/2017
Smoke Detector	Ground Center Common Area	Tested	8:40:16 AM	08/03/2017
Smoke Detector	Ground North Office	Tested	8:40:25 AM	08/03/2017
Smoke Detector	Ground Northeast File Room	Tested/Cleaned	8:37:04 AM	08/03/2017
Smoke Detector	Ground South Storeroom	Tested	8:46:56 AM	08/03/2017
Smoke Detector	Ground West Staff Bathroom	Tested	8:40:43 AM	08/03/2017
Smoke Detector	Ground West Student Bathroom	Tested	8:40:35 AM	08/03/2017

Service Summary

Generated by: BuildingReports.com

Building: Prairie Crossing School - Wright Schoolhouse

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

Device Type	Service	Quantity
<i>Passed</i>		
Battery	Tested	2
Communicator	Tested	1
Control Panel	Tested	1
Heat Detector	Tested	2
Horn/Strobe	Tested	1
Pull Station	Tested	4
Smoke Detector	Tested	9
Smoke Detector	Tested/Cleaned	3
Total		23

Battery & Power Supply Testing

Generated by: BuildingReports.com

Building: Prairie Crossing School - Wright Schoolhouse		Control Panel: 1 - Silent Knight 5204					
<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	Ground South Mechanical Room	17	12				
Sealed Lead Acid	Ground South Mechanical Room	17	12				

Inventory & Warranty Report

Generated by: BuildingReports.com

Building: Prairie Crossing School - Wright Schoolhouse		Control Panel: 1 - Silent Knight 5204		
<p><i>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.</i></p>				
Device or Item	Category	% of Inventory	Quantity	
Pull Station	Initiating	17.39%	4	
Control Panel	Control	4.35%	1	
Battery	Control	8.70%	2	
Communicator	Control	4.35%	1	
Horn/Strobe	Indicating	4.35%	1	
Smoke Detector	Initiating	52.17%	12	
Heat Detector	Initiating	8.70%	2	
Type	Qty	Model #	Description	Install Date
<i>In Service - 2 Years to 3 Years</i>				
Yuasa				
Battery	2	NP18-12B	Sealed Lead Acid	08/05/2015
<i>In Service - 3 Years to 5 Years</i>				
System Sensor				
Smoke Detector	1	2W-B	Photoelectric	06/27/2013
<i>In Service - 5 Years to 10 Years</i>				
Silent Knight				
Control Panel	1	5204		08/03/2011
Keltron				
Communicator	1	NP18-12B	Digital Radio	06/15/2010
<i>In Service - 10 Years to 15 Years</i>				
Ademco				
Pull Station	3		Dual Action	06/15/2005
Smoke Detector	5		Photoelectric	06/15/2005
Chemetron				
Heat Detector	1	601	Rate-of-Rise/Fixed	06/15/2005
System Sensor				
Horn/Strobe	1			06/15/2005
<i>In Service - 15 Years to 25 Years</i>				
Ademco				
Pull Station	1		Dual Action	08/16/1999
Chemetron				
Heat Detector	1	601	Rate-of-Rise	08/16/1999

System Sensor

Smoke Detector

6

Photoelectric

08/16/1999

Zone Address Report

Generated by: BuildingReports.com

Building: Prairie Crossing School - Wright Schoolhouse	Control Panel: 1 - Silent Knight 5204
--	---------------------------------------

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: 3				
	Pull Station	1st North Entrance	Dual Action	10629679
	Pull Station	1st Southwest Exit To Stairs	Dual Action	10629678
	Smoke Detector	Ground Center Common Area	Photoelectric	10629691
	Smoke Detector	Ground North Office	Photoelectric	17020650
	Smoke Detector	Ground Northeast File Room	Photoelectric	10629689
	Smoke Detector	Ground South Storeroom	Photoelectric	10629686
	Pull Station	Ground Southwest Exit	Dual Action	10629687
	Pull Station	Ground West Entrance	Dual Action	10626988
	Smoke Detector	Ground West Staff Bathroom	Photoelectric	10629677
	Smoke Detector	Ground West Student Bathroom	Photoelectric	10629676
Zone/Circuit: 4				
	Smoke Detector	1st Center Common Area	Photoelectric	10629682
	Smoke Detector	1st Center Common Area	Photoelectric	10629683
	Smoke Detector	1st North Common Area	Photoelectric	10626987
	Smoke Detector	1st North Common Area	Photoelectric	10629681
	Smoke Detector	1st South Bathroom	Photoelectric	10629684
	Smoke Detector	1st South Stairwell	Photoelectric	10629685
	Heat Detector	1st Southeast Store/HVAC Room	Rate-of-Rise	10629680

#

Village of Grayslake

Backflow Prevention Assembly Test and Maintenance Report



Customer Information

Customer / Property Name: **Prairie Crossing Charter School**
Contact Name: **N/A**
Property Address: **1523 Jones Point Blvd
Grayslake, IL 60030**

Assembly Information

Type: **RP** Model #: **919**
Size: **2"** Serial#: **06304**
Manufacturer: **Watts** Hazard: **Domestic**
Location: **Meter Room, Carson Bldg**
Reason for test: new existing replaced.

PASS

Test Date: 2018-01-18

Assembly Test Information

Initial Test		
Check Valve #1 8.2 (X) Closed Tight/Held () Leaked	Check Valve #2 7.8 (X) Closed Tight/Held () Leaked	Relief Valve 2.2 (X) Opened () Did Not Open
Final Test		
Check Valve #1 8.2 (X) Closed Tight/Held () Leaked	Check Valve #2 7.8 (X) Closed Tight/Held () Leaked	Relief Valve 2.2 (X) Opened () Did Not Open

As the tester of record, I affirm this test as: Passed Failed **Repairs Made:** No

Additional comments or repairs made / materials (parts) used:

(no comments)

Tester Information

Tester Name: **Olsen, Keith**
Tester License Expiration: **05-31-2018**
Certification#: **XC4812**
Test Kit Serial #: **01180233**
Test Kit Date Tested for Accuracy: **01-04-2018**
Test Kit Mfr. & Mod. #: **Mid-West 845-5**
Testing Co Name: **Ernie Peterson Plumbing, Inc.**
Phone: **(847) 244-4234**
Address: **2421 Delany Rd.
Waukegan, IL 60087-**

**The above tester certifies that all information submitted for this report is true and accurate

Village of Grayslake

Backflow Prevention Assembly Test and Maintenance Report



Customer Information

Customer / Property Name: **Prairie Crossing Charter School**
Contact Name: **N/A**
Property Address: **1523 Jones Point Blvd
Grayslake, IL 60030**

Assembly Information

Type: **RP** Model #: **909**
Size: **1"** Serial#: **572686**
Manufacturer: **Watts** Hazard: **Boiler**
Location: **Boiler Room**

Reason for test: new existing replaced.

PASS

Test Date: 2018-01-18

Assembly Test Information

Initial Test		
Check Valve #1 7.2 (X) Closed Tight/Held () Leaked	Check Valve #2 6.8 (X) Closed Tight/Held () Leaked	Relief Valve 2.4 (X) Opened () Did Not Open
Final Test		
Check Valve #1 7.2 (X) Closed Tight/Held () Leaked	Check Valve #2 6.8 (X) Closed Tight/Held () Leaked	Relief Valve 2.4 (X) Opened () Did Not Open

As the tester of record, I affirm this test as: Passed Failed **Repairs Made:** No

Additional comments or repairs made / materials (parts) used:

(no comments)

Tester Information

Tester Name: **Olsen, Keith**
Tester License Expiration: **05-31-2018**
Certification#: **XC4812**
Test Kit Serial #: **01180233**
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Waukegan, IL 60087-**

**The above tester certifies that all information submitted for this report is true and accurate

Village of Grayslake

Backflow Prevention Assembly Test and Maintenance Report



Customer Information

Customer / Property Name: **Prairie Crossing Charter School**
Contact Name: **N/A**
Property Address: **1523 Jones Point Blvd
Grayslake, IL 60030**

Assembly Information

Type: **RP** Model #: **375**
Size: **4"** Serial#: **X02390**
Manufacturer: **Wilkins** Hazard: **Fire Protection**
Location: **Meter Room, Carson Bldg**
Reason for test: new existing replaced.

PASS

Test Date: 2018-02-06

Assembly Test Information

Initial Test		
Check Valve #1 9.6 (X) Closed Tight/Held () Leaked	Check Valve #2 9.2 (X) Closed Tight/Held () Leaked	Relief Valve 3.0 (X) Opened () Did Not Open
Final Test		
Check Valve #1 9.6 (X) Closed Tight/Held () Leaked	Check Valve #2 9.2 (X) Closed Tight/Held () Leaked	Relief Valve 3.0 (X) Opened () Did Not Open

As the tester of record, I affirm this test as: Passed Failed **Repairs Made:** No

Additional comments or repairs made / materials (parts) used:

(no comments)

Tester Information

Tester Name: **Olsen, Keith**
Tester License Expiration: **05-31-2018**
Certification#: **XC4812**
Test Kit Serial #: **01180233**
Test Kit Date Tested for Accuracy: **01-04-2018**
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Testing Co Name: **Ernie Peterson Plumbing, Inc.**
Phone: **(847) 244-4234**
Address: **2421 Delany Rd.
Waukegan, IL 60087-**

**The above tester certifies that all information submitted for this report is true and accurate

Muellermist

IRRIGATION COMPANY

2612 S. Ninth Avenue Broadview, Illinois 60155
Service (708) 344-8680 Fax (708) 450-1403

FAIL

PASS

REDUCED PRESSURE PRINCIPLE BACKFLOW DEVICE TEST & CERTIFICATION REPORT

Address:

1581 Jones Rd
61045 Lake

Make & Model:

Febco
825VA

Size:

1"

Service:

Leakage

Serial Number:

2037667

Location:

Side of Building

Date Installed:

6-13-17

Retest Date:

6-13-18

CHECK VALVE 1	CHECK VALVE 2	RELIEF VALVE
Leaked <input type="checkbox"/>	Leaked <input type="checkbox"/>	Opened at <u>3.4</u> psi differential
Closed Tight <input checked="" type="checkbox"/> <u>9.6</u>	Closed Tight <input checked="" type="checkbox"/> <u>9.6</u>	Did Not Open <input type="checkbox"/>
Cleaned <input type="checkbox"/>	Cleaned <input type="checkbox"/>	Cleaned <input type="checkbox"/>
Replaced <input type="checkbox"/>	Replaced <input type="checkbox"/>	Replaced <input type="checkbox"/>
Disc <input type="checkbox"/>	Disc <input type="checkbox"/>	Disc Assy <input type="checkbox"/>
Disc Holder <input type="checkbox"/>	Disc Holder <input type="checkbox"/>	O-Rings <input type="checkbox"/>
Stem <input type="checkbox"/>	Stem <input type="checkbox"/>	Stem <input type="checkbox"/>
Retainer <input type="checkbox"/>	Retainer <input type="checkbox"/>	Spring <input type="checkbox"/>
O-Rings <input type="checkbox"/>	O-Rings <input type="checkbox"/>	Diaphragm <input type="checkbox"/>
Seat <input type="checkbox"/>	Seat <input type="checkbox"/>	Seat <input type="checkbox"/>
Spring <input type="checkbox"/>	Spring <input type="checkbox"/>	Spacer <input type="checkbox"/>
Guide <input type="checkbox"/>	Guide <input type="checkbox"/>	Other <input type="checkbox"/>
Bushings <input type="checkbox"/>	Bushings <input type="checkbox"/>	
Other <input type="checkbox"/>	Other <input type="checkbox"/>	
FINAL TEST		
Closed Tight <input checked="" type="checkbox"/> <u>9.6</u>	Closed Tight <input checked="" type="checkbox"/> <u>9.6</u>	Opened at <u>3.4</u> psi differential

Special Comments:

THE ABOVE INFORMATION IS CORRECT

CCCDI #

XC1065

IRrigating LIC. #

J15136

(Signature)

Andrew L. Ceraht

6-13-17

Date of Inspection and Test

WHITE - VILLAGE

YELLOW - CUSTOMER

PINK - OFFICE



Submitted to
Fire Department Online

ONE COMPANY DOES IT ALL

Fire Alarm • 24-Hour Monitoring • Fire and Safety Products • Security • Engineered Fire Suppression • Sprinkler Service
2730 Pinnacle Drive • Elgin, IL 60124-7943 • 847-695-5990 • Fax 847-695-3699 • www.foxvalleyfire.com

ANNUAL FIRE SPRINKLER SYSTEM INSPECTION

Completed By:

JASON PETERSON- NICET# 141030

Fox Valley Fire & Safety Co., Inc.

2730 Pinnacle Drive

Elgin, IL 60124

847-695-5990

Inspection Completed at:

PRAIRIE CROSSING CHARTER SCHOOL

1531 JONES POINT RD

GRAYSLAKE, IL 60030

Date of Inspection:

November 1, 2017



ONE COMPANY DOES IT ALL

Fire Alarm • 24-Hour Monitoring • Fire and Safety Products • Security • Engineered Fire Suppression • Sprinkler Service
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CERTIFICATION OF INSPECTION

PRAIRIE CROSSING CHARTER SCHOOL

**1531 JONES POINT RD
 GRAYSLAKE, IL 60030**

The ANNUAL inspection, per NFPA 25 requirements, was performed on the
 sprinkler system on November 1, 2017.

The following equipment was tested:

DESCRIPTION	MODEL / SIZE	QTY	TESTED
Risers	4"	3	3
Water Flows	4"	3	3
Tamper Switches	OSY-2	6	6
Low Air Supervisory			
Pressure Switches			
Bells	6", 10" 120 VAC	6	6

* The following was noted during our inspection:

Please see discrepancy page.

* If discrepancies were noted above, please contact your customer service representative at 847-695-5990 ext. 206 immediately to schedule repairs.

Automatic Fire Sprinkler System

Date: November 1, 2017

Inspector: JASON PETERSON- NICET# 141C

GENERAL INFORMATION

Location of sprinkler valve: CARSON, COMSTOCK, GYM, SPRINKLER ROOM

Type of sprinkler system: Wet Dry Anti-Freeze Loop

Make and model of sprinkler valve:

Is building fully sprinklered? - - - - - Yes No
Is entire sprinkler system in service? - - - - - Yes No
Has sprinkler system been modified since last inspection? - - - - - Yes No
Does building have 18" clearance on all heads from ceiling level? - - - - - Yes No
Is building adequately heated? - - - - - Yes No

VALVES

How are valves supervised? None Sealed Locked Tamper Switch
Are valves identified with signs? - - - - - Yes No

PUMPS

What type of fire pump? Diesel Electric Steam None
When was the pump last inspected? Date _____ GPM _____ GPM _____
Is pump in good condition? - - - - - Yes No
Test performed with fire pump activated? - - - - - Yes No

FIRE DEPARTMENT CONNECTION

Location: WEST/NORTH EXTERIOR X3
Is identification sign provided? - - - - - Yes No
Is Fire Department connection cap(s) in place? - - - - - Yes No
Is Fire Department connection operational? - - - - - Yes No
Comments:

CARSON - ITV BEHIND WATER HEATERS

COMSTOCK - ITV IN CLASSROOM CEILING

GYM - ITV IN STAGE AREA

Fire Sprinkler System Inspection and Tests

Date: November 1, 2017				
Inspector: JASON PETERSON- NICET# 141030				
MAIN DRAIN TEST				
Conduct a main drain test as follows:				
1. Open the main drain and allow water to flow to stabilize.	OK			
2. Slowly close the main drain.	OK			
WET PIPE SYSTEMS				
Test water flow alarms by opening the inspector's test valve	OK			
DRY PIPE SYSTEMS				
1. Check dry valve priming water level by opening the test valve and checking for a small amount of water to discharge. If no water flows out of the test line, add priming water.	NA			
2. Close the water supply valve, carefully open the inspector's test valve to reduce air pressure slowly. Do not reduce air pressure sufficiently to trip the dry pipe valve. Confirm operation of low-pressure alarm, record air pressure at which low pressure alarm activates, close inspector's test valve, allow air pressure to rise to normal supply valve.	NA			
3. Open the alarm bypass valve.	NA			
4. Quick opening devices and accelerators, if provided, should be tested semi-annually.	NA			
5. Low point drains should be drained thoroughly before cold weather and after any system trip.	NA			
6. Trip test the dry pipe valve, Record the time from opening the inspector's test valve until the dry pipe valve trips.	NA			
7. Internally inspect dry pipe valve.	NA			
8. Test air pressure maintenance device.	NA			
HYDRAULIC NAME PLATE				
If system was hydraulically calculated, assure nameplate is legible and securely attached to riser.	OK			
GENERAL CONDITION				
Inspect sprinklers, sprinkler piping, pipe hangers, and seismic braces to make sure they are in good condition.	OK			
FREEZING				
Before freezing weather, inspect building to assure exterior wall openings will not expose sprinkler piping to freezing temperatures.	OK			
MAINTAIN VALVES				
Valves should be maintained, including exercising each valve and lubricating each valve stem.	OK			
TEST ANTI-FREEZE				
Wet pipe system with anti-freeze solution should have the solution checked for proper freeze level. Record freezing point.	NA			
Calibrate pressure gauges-must calibrate or replace every (5) five years-year last replaced or calibrated?				2017
Test sample of high temperature sprinklers - taken every (5) five years - year last taken?				NA
Test sample of fast response sprinklers - taken every (20) twenty years - year last taken?				2006/2003
Test sample of standard response sprinklers - taken every (50) fifty years - year last taken?				2003
Test sample of dry pendent heads - taken every (10) ten years - year last taken?				NA
5 year stand pipe test			Date:	NA
5 year obstruction test			Date:	DUE
5 year internal inspection of fire department check valve			Date:	DUE

Comments:

Fire Sprinkler System Inspection and Tests Riser Inventory Sheet

Date: November 1, 2017				
Inspector: JASON PETERSON- NICET# 141030				

Record the static/residual water pressure:

Dry System				
Dry System				
Wet System				
Riser 1	CARSON BLDG	45/35		
Riser 2	COMSTOCK BLDG	50/40		
Riser 3	GYM	45/35		
Riser 4				
Riser 5				
ADD'L 6				
ADD'L 7				
ADD'L 8				
ADD'L 9				
ADD'L 10				
ADD'L 11				
ADD'L 12				
ADD'L 13				
ADD'L 14				
ADD'L 15				
ADD'L 16				
ADD'L 17				
ADD'L 18				
ADD'L 19				
ADD'L 20				
ADD'L 21				
ADD'L 22				
ADD'L 23				
ADD'L 24				
ADD'L 25				

Comments: _____

PRAIRIE CROSSING CHARTER SCHOOL



PRAIRIE CROSSING CHARTER SCHOOL

1531 JONES POINT RD
GRAYSLAKE, IL 60030

Discrepancies as follows:

**SYSTEM NEEDS 5 YR OBSTRUCTION TEST & 5YR FDC CHECK VALVE INSPECTIONS (3X 4" TYCO CV-1F) **
RECOMMEND LABELING FACP AND SPRINKLER ROOM DOORS **
PER BILL'S REQUEST, NEEDS (2) TYCO WHITE COVER PLATES DELIVERED ON-SITE FOR TYCO 3531 155° QR HEADS.