

Sprinkler Inspection Certificate

For

New Dimensions High School
4900 Old Pleasant Hill Road
Kissimmee, FL 34746

Tested to NFPA 25 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
May 28, 2015

Building: New Dimensions High School
Contact: Mrs. Grimm
Title: Director

Company: Fire & Life Safety America, Inc. - Orlando
Contact: Chris Bader
Title: Inspector





Executive Summary

Generated by: *BuildingReports.com*

Building Information								
Building: New Dimensions High School			Contact: Mrs. Grimm					
Address: 4900 Old Pleasant Hill Road			Phone: 407-870-9949					
Address:			Fax:					
City/State/Zip: Kissimmee, FL 34746			Mobile:					
Country: United States of America			Email: GRIMM@NEWDIMENSIONSHS.COM					
Inspection Performed By								
Company: Fire & Life Safety America, Inc. - Orlando			Inspector: Chris Bader					
Address: 2280 Old Lake Mary Road			Phone: 407-688-1949					
Address: Lic# 17068600012009 / EF # EF20000881			Fax:					
City/State/Zip: Sanford, Florida 32771			Mobile:					
Country: United States of America			Email: rbader@ecfp.com					
System Control Unit								
System Type	System Location	Protected Area	Devices					
Wet Pipe		400	21					
Wet Pipe		Gymnasium	18					
Inspection Summary								
Category	Total Items		Serviced		Passed		Failed/Other	
	Qty	%	Qty	%	Qty	%	Qty	%
Valve	14	35.90%	14	100.00%	12	85.71%	2	14.29%
Hose	2	5.13%	2	100.00%	2	100.00%	0	0%
Device	6	15.38%	6	100.00%	6	100.00%	0	0%
Sprinkler	9	23.08%	9	100.00%	9	100.00%	0	0%
Alarm	8	20.51%	8	100.00%	7	87.50%	1	12.50%
Totals	39	100%	39	100.00%	36	92.31%	3	7.69%
Certification								
Company: Fire & Life Safety America, Inc. - Orlando			Building: New Dimensions High School					
Inspector: Chris Bader			Contact: Mrs. Grimm					
Signed:			Signed:					

Discrepancy Report

Generated by: BuildingReports.com

Building: New Dimensions High School					
<p><i>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. Any item that was inspected that is listed on the Consumer Product Safety Commissions website and are subject to a recall by the manufacturer are included.</i></p>					
Device Type	Manufacturer	ModelNumber	Date	Qty	
Items listed for Recall by Manufacturer					
No recalled items found during this inspection.					
 ScanID	 Location	 Problem	 Reference		
Wet Pipe, Gymnasium					
Backflow Prevention					
07320172		Failed Test	NFPA25 13.6.2.1		
Control Valve					
07320165	Backflow c.v.2	Leaking	NFPA25 13.3.2.2 (5)		
Tamper Switch					
07320164	Backflow c.v.2	Damaged/Worn	NFPA25 13.2.3		
Code References					
NFPA25 13.6.2.1	All backflow preventers installed in fire protection system piping shall be tested annually by conducting a forward flow test of the system at the designed flow rate, including hose stream demand, where hydrants or inside hose stations are located downstream of the backflow preventer.				
NFPA25 13.3.2.2 (5)	The valve inspection shall verify that the valves are in the following condition: Free from external leaks				
NFPA25 13.2.3	All system valves shall be protected from physical damage and shall be accessible.				

Proposed Solutions Report

Generated by: *BuildingReports.com*

Building: New Dimensions High School

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
<i>Wet Pipe, Gymnasium</i>					
Backflow Prevention					
07320172		Correct	007M1	T/M	<input type="checkbox"/>
Control Valve					
07320165	Backflow c.v.2	Correct		T/M	<input type="checkbox"/>
Tamper Switch					
07320164	Backflow c.v.2	Correct	OSYSU-2	T/M	<input type="checkbox"/>

Inspection & Testing

Generated by: BuildingReports.com

Building: New Dimensions High School

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. For more information about an item, click on the link provided.

Device Type	Location	Service	Time	Date
<i>Passed</i>				
Wet Pipe, 400				
Tamper Switch	1st Center Janitor Closet	Annual	11:23:26 AM	05/28/2015
Tamper Switch	Ground West end of classrooms	Annual	11:32:22 AM	05/28/2015
Tamper Switch	Ground West end of classrooms	Annual	11:34:00 AM	05/28/2015
Tamper Switch	Ground West end of classrooms	Annual	11:35:00 AM	05/28/2015
Waterflow Switch	1st Center Janitor Closet	Annual	11:28:22 AM	05/28/2015
Drain	1st Center Janitor Closet	Annual	11:22:19 AM	05/28/2015
Gauge	1st Center Janitor Closet	Annual	11:20:22 AM	05/28/2015
Gauge	1st Center Janitor Closet	Annual	11:21:22 AM	05/28/2015
Watermotor Gong	1st Center Janitor Closet Outside	Annual	11:28:49 AM	05/28/2015
Fire Dep't Connection	Ground corner of office in parking lot	Annual	12:21:56 PM	05/28/2015
Sprinkler Box	1st Center Janitor Closet	Annual	11:22:40 AM	05/28/2015
Sprinkler Box Spares	1st Center Janitor Closet	Annual	11:22:46 AM	05/28/2015
Sprinkler Box Spares	1st Center Janitor Closet	Annual	11:22:52 AM	05/28/2015
Backflow Prevention	Ground West end of classrooms	Annual	12:38:16 PM	05/28/2015
Backflow Prevention	Ground West end of classrooms	Annual	12:38:29 PM	05/28/2015
Check Valve	1st Center Janitor Closet	Annual	11:21:39 AM	05/28/2015
Control Valve	1st Center Janitor Closet	Annual	11:27:45 AM	05/28/2015
Control Valve	Ground West end of classrooms	Annual	11:34:04 AM	05/28/2015
Control Valve	Ground West end of classrooms	Annual	11:34:39 AM	05/28/2015
Inspector's Test	1st Center Janitor Closet	Annual	11:21:50 AM	05/28/2015
Post Indicator Valve	Ground West end of classrooms	Annual	11:32:02 AM	05/28/2015
Wet Pipe, Gymnasium				
Tamper Switch	Backflow c.v.1	Annual	11:54:45 AM	05/28/2015
Waterflow Switch	Outside riser	Annual	11:58:01 AM	05/28/2015
Drain	Ground Outside near parking lot	Annual	11:57:07 AM	05/28/2015
Gauge	Outside riser	Annual	11:57:08 AM	05/28/2015
Fire Dep't Connection	Ground corner of gym near parking lot	Annual	12:00:34 PM	05/28/2015
Fast Response	FACP Room	Annual	11:59:08 AM	05/28/2015
Fast Response	FACP Room	Annual	11:59:09 AM	05/28/2015
Fast Response	FACP Room	Annual	11:59:11 AM	05/28/2015
Piping		Annual	11:57:54 AM	05/28/2015
Sprinkler Box	FACP Room	Annual	11:59:52 AM	05/28/2015
Sprinkler Box	FACP Room	Annual	11:59:57 AM	05/28/2015
Backflow Prevention		Annual	12:52:53 PM	05/28/2015
Check Valve	Ground corner of gym near parking lot	Annual	12:07:24 PM	05/28/2015
Control Valve	Backflow c.v.1	Annual	11:54:05 AM	05/28/2015
Inspector's Test	1st above ceiling room 301	Annual	11:50:22 AM	05/28/2015

Device Type	Location	Service	Time	Date
<i>Failed/Other</i>				
Wet Pipe, Gymnasium				
Tamper Switch	Backflow c.v.2	Annual	12:54:00 PM	05/28/2015
Backflow Prevention		Annual	12:49:01 PM	05/28/2015
Control Valve	Backflow c.v.2	Annual	12:53:07 PM	05/28/2015

Wet Pipe Fire Sprinkler Systems

Generated by: *BuildingReports.com*

Building: New Dimensions High School	400
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>	

Alarms

Tamper Switch						
Type	Description	Manufacturer	Sec	Zone/Address	OK	ScanID
Control Valve	Supervisory	Victaulic		1	<input checked="" type="checkbox"/>	32459283
Lever	Supervisory	Potter Electric		1	<input checked="" type="checkbox"/>	28342821
Lever	Supervisory	System Sensor		1	<input checked="" type="checkbox"/>	28342826
Lever	Supervisory	System Sensor		1	<input checked="" type="checkbox"/>	28342823

Waterflow Switch							
Type	Manufacturer	Model #	Sec	Size	Zone/Address	OK	ScanID
Vane	System Sensor	wfd25	40		1	<input checked="" type="checkbox"/>	28342833

Components

Backflow Prevention					
Manufacturer	Model #	Size	Type	Service Type	Install Date
Watts Regulator	007M3	0.75"	Double Check		11/03/2011
Location		Water Purveyor		Meter Account #	Serial Number
Ground West end of classrooms					

Initial Test			
Check Valve 1	Check Valve 2	Relief Valve	Pressure Vacuum Breaker
1.8	1.8		
Held At	Repairs or Notes		

Final Test			
Check Valve 1	Check Valve 2	Relief Valve	Pressure Vacuum Breaker
Held At	Condition of Control Valve 1		Condition of Control Valve 2

Backflow Prevention					
Manufacturer	Model #	Size	Type	Service Type	Install Date
Watts Regulator	757	8"	Double Check		11/03/2011
Location		Water Purveyor		Meter Account #	Serial Number
Ground West end of classrooms					

Initial Test

Check Valve 1		Check Valve 2		Relief Valve		Pressure Vacuum Breaker		
2.8		3.6						
Held At		Repairs or Notes						
Final Test								
Check Valve 1		Check Valve 2		Relief Valve		Pressure Vacuum Breaker		
Held At		Condition of Control Valve 1			Condition of Control Valve 2			
Check Valve								
Type	Location					Size	OK	ScanID
Grooved	1st Center Janitor Closet					4"	<input checked="" type="checkbox"/>	28342830
Control Valve								
Type	Manufacturer	Size	Position	Status	OK	ScanID		
Butterfly	Victaulic	4"	Open	Sealed	<input checked="" type="checkbox"/>	28342827		
OS&Y	Kennedy	8"	Open	Locked	<input checked="" type="checkbox"/>	28342825		
OS&Y	Kennedy	8"	Open	Locked	<input checked="" type="checkbox"/>	28342824		
Inspector's Test								
Manufacturer		Model #	Pressure psi	Trip Time Sec	Flow Sec	OK	ScanID	
AGF						<input checked="" type="checkbox"/>	28342832	
Post Indicator Valve								
Type	Position		Status		Size	OK	ScanID	
Ground	Open		Sealed		6"	<input checked="" type="checkbox"/>	28342822	
<i>Devices</i>								
Drain								
Type	Size	Supply psi	Static psi	Residual psi	Sec	OK	ScanID	
Main	2"	70	70	50	20	<input checked="" type="checkbox"/>	28342831	
Fire Dep't Connection								
Location			Type		Size	OK	ScanID	
Ground corner of office in parking lot			Freestanding		4"	<input checked="" type="checkbox"/>	28342819	
Gauge								
Type	Location		Static psi	Fill Type	Size	OK	ScanID	
System Pressure	1st Center Janitor Closet		70	Air	1/4	<input checked="" type="checkbox"/>	28342828	
System Pressure	1st Center Janitor Closet		70	Air	1/4	<input checked="" type="checkbox"/>	28342829	
Sprinkler Box								
Qty	Tool Available?	Size	Manufacturer	Location		OK	ScanID	
6	Yes	6 unit	Tyco	1st Center Janitor Closet		<input checked="" type="checkbox"/>	28342834	
Sprinkler Box Spares								
Qty	Type	K factor	Manufacturer	Location		OK	ScanID	

4	Pendant		Tyco	1st Center Janitor Closet	<input checked="" type="checkbox"/>	28342835
2	Upright		Tyco	1st Center Janitor Closet	<input checked="" type="checkbox"/>	28342836
Watermotor Gong						
Location		Manufacturer		Model #	Size	OK
1st Center Janitor Closet Outside		RC		Elecln		<input checked="" type="checkbox"/>
						ScanID
						32459284

Building: New Dimensions High School	Gymnasium
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A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.

<i>Alarms</i>

Tamper Switch

Type	Description	Manufacturer	Sec	Zone/Address	OK	ScanID
OS & Y	Supervisory	Potter Electric		1	<input checked="" type="checkbox"/>	07320166
OS & Y	Supervisory	Potter Electric		1	<input type="checkbox"/>	07320164

Waterflow Switch

Type	Manufacturer	Model #	Sec	Size	Zone/Address	OK	ScanID
Vane/4'in. strap-on	Potter Electric	VRS-F	60		1	<input checked="" type="checkbox"/>	07320167

<i>Components</i>

Backflow Prevention

Manufacturer	Model #	Size	Type	Service Type	Install Date
Watts Regulator	007M3	0.75"	Double Chk Detector		06/05/2002
Location		Water Purveyor		Meter Account #	Serial Number
					120393

Initial Test

Check Valve 1	Check Valve 2	Relief Valve	Pressure Vacuum Breaker
4.4	2.8		
Held At	Repairs or Notes		

Final Test

Check Valve 1	Check Valve 2	Relief Valve	Pressure Vacuum Breaker
Held At	Condition of Control Valve 1		Condition of Control Valve 2

Backflow Prevention

Manufacturer	Model #	Size	Type	Service Type	Install Date
Watts Regulator	007M1	3/4	Double Check		06/05/2002
Location		Water Purveyor		Meter Account #	Serial Number
					46037

Initial Test

Check Valve 1	Check Valve 2	Relief Valve	Pressure Vacuum Breaker
0	1.8		
Held At	Repairs or Notes		

Final Test

Check Valve 1		Check Valve 2		Relief Valve		Pressure Vacuum Breaker	
Held At	Condition of Control Valve 1			Condition of Control Valve 2			
Check Valve							
Type	Location				Size	OK	ScanID
Flanged	Ground corner of gym near parking lot				4"	<input checked="" type="checkbox"/>	28342820
Control Valve							
Type	Manufacturer	Size	Position	Status	OK	ScanID	
OS&Y	Kennedy	4"	Open	Locked	<input checked="" type="checkbox"/>	07320163	
OS&Y	Kennedy	4"	Open	Locked	<input type="checkbox"/>	07320165	
Inspector's Test							
Manufacturer	Model #	Pressure psi	Trip Time Sec	Flow Sec	OK	ScanID	
NIBCO					<input checked="" type="checkbox"/>	32459075	
<i>Devices</i>							
Drain							
Type	Size	Supply psi	Static psi	Residual psi	Sec	OK	ScanID
Main	2"		70	50	20	<input checked="" type="checkbox"/>	07320170
Fast Response							
Qty	Type	Size	K factor	Manufacturer	Location	OK	ScanID
3	Upright		5.6	Tyco	FACP Room	<input checked="" type="checkbox"/>	07320179
3	Upright		5.6	Central	FACP Room	<input checked="" type="checkbox"/>	07320178
3	Upright		5.6	Tyco	FACP Room	<input checked="" type="checkbox"/>	07320177
Fire Dep't Connection							
Location			Type		Size	OK	ScanID
Ground corner of gym near parking lot			Freestanding		4"	<input checked="" type="checkbox"/>	07320171
Gauge							
Type	Location		Static psi	Fill Type	Size	OK	ScanID
System Pressure	Outside riser		70	n/a	1/4	<input checked="" type="checkbox"/>	07320169
Sprinkler Box							
Qty	Tool Available?	Size	Manufacturer	Location		OK	ScanID
6	Yes	6 unit	Central	FACP Room		<input checked="" type="checkbox"/>	07320175
3	Yes	6 unit	Central	FACP Room		<input checked="" type="checkbox"/>	07320176

Inventory & Warranty Report

Generated by: *BuildingReports.com*

Building: New Dimensions High School

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
Gauge	Device	7.69%	3
Check Valve	Valve	5.13%	2
Inspector's Test	Valve	5.13%	2
Drain	Device	5.13%	2
Sprinkler Box	Sprinkler	7.69%	3
Sprinkler Box Spares	Sprinkler	5.13%	2
Tamper Switch	Alarm	15.38%	6
Control Valve	Valve	12.82%	5
Waterflow Switch	Alarm	5.13%	2
Watermotor Gong	Device	2.56%	1
Post Indicator Valve	Valve	2.56%	1
Piping	Sprinkler	2.56%	1
Fast Response	Sprinkler	7.69%	3
Fire Dep't Connection	Hose	5.13%	2
Backflow Prevention	Valve	10.26%	4

Device or Item	Qty	Model #	Description	Install Date
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In Service - 90 Days - 1 Year

Wet Pipe, 400

Gauge	2	0-300	System Pressure	01/20/2015
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Wet Pipe, Gymnasium

Gauge	1		System Pressure	01/20/2015
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In Service - 3 Years to 5 Years

Wet Pipe, 400

Inspector's Test	1			11/03/2011
Post Indicator Valve	1		Ground	11/03/2011
Fire Dep't Connection	1		Freestanding	11/03/2011
Control Valve	2		OS&Y	11/03/2011
Tamper Switch	1		Lever	11/03/2011
Watermotor Gong	1	Elecln		11/03/2011
Tamper Switch	2		Lever	11/03/2011
Waterflow Switch	1	wfd25	Vane	11/03/2011
Sprinkler Box	1			11/03/2011
Sprinkler Box Spares	1	3131	Upright	11/03/2011
Sprinkler Box Spares	1	3231	Pendant	11/03/2011
Drain	1		Main	11/03/2011
Check Valve	1		Grooved	11/03/2011
Control Valve	1	705	Butterfly	11/03/2011
Tamper Switch	1	705	Control Valve	11/03/2011

<i>In Service - 3 Years to 5 Years</i>				
Backflow Prevention	1	007M3	Double Check	11/03/2011
Backflow Prevention	1	757	Double Check	11/03/2011
<i>In Service - 10 Years to 15 Years</i>				
Wet Pipe, Gymnasium				
Check Valve	1		Flanged	06/05/2002
Fast Response	1	C3101	Upright	06/05/2002
Fire Dep't Connection	1		Freestanding	06/05/2002
Sprinkler Box	1			06/05/2002
Sprinkler Box	1	TY 3231-Chrome		06/05/2002
Control Valve	2		OS&Y	06/05/2002
Drain	1		Main	06/05/2002
Inspector's Test	1			06/05/2002
Tamper Switch	2	OSYSU-2	OS & Y	06/05/2002
Waterflow Switch	1	VRS-F	Vane/4'in. strap-on	06/05/2002
Fast Response	1	TY3131	Upright	06/05/2002
Fast Response	1	TY3231	Upright	06/05/2002
Piping	1		Steel	06/05/2002
Backflow Prevention	1	007M1	Double Check	06/05/2002
Backflow Prevention	1	007M3	Double Chk Detector	06/05/2002

Notes & Recommendations

Generated by: BuildingReports.com

Building: New Dimensions High School				
<p><i>The Notes & Recommendations Report details additional inspection notes made by the Inspectors during the course of the building inspection. Notes are grouped by SystemID. A link to the item is provided for more information.</i></p>				
Note	Device Type	Location	Comment	ScanID
<i>Wet Pipe, 400</i>				
1	Control Valve 1009632	1st Center Janitor Closet	Passed	28342827
2	Control Valve 1009996	Ground West end of classrooms	Passed	28342824
3	Control Valve 1009646	Ground West end of classrooms	Passed	28342825
4	Post Indicator Valve 1009992	Ground West end of classrooms	Passed	28342822
<i>Wet Pipe, Gymnasium</i>				
5	Control Valve 1009631 Packing and Bolts	Backflow c.v.2	Leaking	07320165
6	Control Valve 1009647	Backflow c.v.1	Passed	07320163
7	Tamper Switch Attaching Bolts	Backflow c.v.2	Damaged /Worn	07320164