Fire & Life Safety America, Inc
1407 Mill Race Drive Salem, VA 24153
Tel: (540)378-6160 Fax: (540)378-6171

FIRE PROTECTION SYSTEM SUMMARY INSPECTION AND TESTING FORM

Date: 12-20-13 Work Order #: 224134

GENERAL INFORMATION

Site Name: Backcreek School Owner:
Address: Address:
City: Roanoke State: VA City: State:

Last Inspection Date: 2012 By: FLSA

This inspection is (check one): ☐ monthly ☐ bi-monthly ☐ quarterly ☐ semi-annual ☒ annual Report to:

PART A EQUIPMENT AND ALARMS

1. Central station notified / alarms silenced 12:15 AM / (PM) Alarms restored 1:15 AM / (PM)
2. Fire Protection System(s) to be inspected (No., Size, Make, Model) 750 gpm, 4" Fire Matic wet. Simplex 4010

PART B OWNER'S SECTION (to be answered by owner or occupant)

		Yes	N/A**	No*
1.	Is the property occupied?	✓		
2.	Has the occupancy classification or hazard of contents remained the same since the last inspection?	✓		
3.	Is the "fire protection system' in service?	✓		
4.	Has the "fire protection system" remained in service without modification or activation since last inspection?	✓		
5.	If "no" to 4, all changes to building or system(s) fully reviewed, documented and properly protected.	✓		
6.	Has the system been examined internally for obstructions where conditions exist that could cause obstructed piping? Date: 2009	✓		
7.	Has the system piping (dry, preaction, deluge) been checked for proper drainage and/or pitch?		✓	
8.	Is the "fire protection system" adequately protected from freezing?	✓		
9.	Have hazardous locations and materials been identified and safety instructions provided to the technician prior to performing the inspection?	✓		

PART C - TEST NOTIFICATIONS

	PRIOR TO START			UPON COMPLETION		
	Yes	No	Time	Yes	No	Time
Monitoring Entity/Central Station	✓		12:15	✓		1:00
Building Management	✓		12:10	✓		
Building Occupant	✓		12:10	✓		
AHJ/FD						
Other (specify)						
Did alarm central station receive signal properly?	✓		1:00	✓		
Did alarm panel reset properly?	✓		1:00	✓		

PART D - INSPECTION PERFORMED (Copies Attached of Items Checked)

- ☒ Sprinkler System Form
- ☐ Dry Valve Trip Test Report
- ☐ Sprinkler Piping Condition Form
- ☐ Fire Pump Inspection Form
- ☐ _____
- ☐ Standpipe Inspection Form
- ☐ Hydrant Flow Test Form
- ☐ Fire Alarm Detection Form
- ☐ Deluge/Pre-Action Trip Test Report
- ☐ _____
- ☐ Water Storage Tanks Form
- ☐ Private Fire Service Mains Form
- ☐ Backflow Test Form
- ☐ Addendum to Report of Inspection

Fire & Life Safety America, Inc
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FIRE PROTECTION SYSTEM SUMMARY INSPECTION AND TESTING FORM

Date: 12-20-13 Work Order #: 224134

GENERAL INFORMATION

Site Name: Back Creek School Owner:
Address: Address:
City: Roanoke State: VA City: State:

Last Inspection Date: 2012 By: FLSA

This inspection is (check one): ☐ monthly ☐ bi-monthly ☐ quarterly ☐ semi-annual ☒ annual Report to:

PART A EQUIPMENT AND ALARMS

1. Central station notified / alarms silenced 12:15 AM / (PM) Alarms restored 1:15 AM / (PM)
2. Fire Protection System(s) to be inspected (No., Size, Make, Model) 750 GPM, 4" FIREMATIC WET. Simplex 4010

PART B OWNER'S SECTION (to be answered by owner or occupant)

		Yes	N/A**	No*
1.	Is the property occupied?	✓		
2.	Has the occupancy classification or hazard of contents remained the same since the last inspection?	✓		
3.	Is the "fire protection system' in service?	✓		
4.	Has the "fire protection system" remained in service without modification or activation since last inspection?	✓		
5.	If "no" to 4, all changes to building or system(s) fully reviewed, documented and properly protected.	✓		
6.	Has the system been examined internally for obstructions where conditions exist that could cause obstructed piping? Date: 2009	✓		
7.	Has the system piping (dry, preaction, deluge) been checked for proper drainage and/or pitch?		✓	
8.	Is the "fire protection system" adequately protected from freezing?	✓		
9.	Have hazardous locations and materials been identified and safety instructions provided to the technician prior to performing the inspection?	✓		

PART C - TEST NOTIFICATIONS

	PRIOR TO START			UPON COMPLETION		
	Yes	No	Time	Yes	No	Time
Monitoring Entity/Central Station	✓		12:15	✓		1:00
Building Management	✓		12:10	✓		
Building Occupant	✓		12:10	✓		
AHJ/FD						
Other (specify)						
Did alarm central station receive signal properly?	✓		1:00	✓		
Did alarm panel reset properly?	✓		1:00	✓		

PART D - INSPECTION PERFORMED (Copies Attached of Items Checked)

- ☒ Sprinkler System Form
- ☐ Dry Valve Trip Test Report
- ☐ Sprinkler Piping Condition Form
- ☐ Fire Pump Inspection Form
- ☐ _____
- ☐ Standpipe Inspection Form
- ☐ Hydrant Flow Test Form
- ☐ Fire Alarm Detection Form
- ☐ Deluge/Pre-Action Trip Test Report
- ☐ _____
- ☐ Water Storage Tanks Form
- ☐ Private Fire Service Mains Form
- ☐ Backflow Test Form
- ☐ Addendum to Report of Inspection

Fire & Life Safety America, Inc
1407 Mill Race Drive Salem, VA 24153
Tel:(540)378-6160 Fax:(540)378-6171

Fire Protection Systems Report of Inspections

Work Order #: _____ Date: 12-20-17

Site Name	Back Creek School	Owner	
Address		Address	
City	ROANOKE State VA	City	State
Zip	Phone	Zip	Phone

PART I INSPECTOR'S SECTION (all responses reference current inspection)	Yes	N/A	No
A. General			
1. Is the hydraulic data plate in place, permanently marked and securely attached?	✓		
2. Is the fire department connection(s) in satisfactory condition, couplings free, caps in place,	✓		
check valves tight and accessible and visible?	✓		
3. Has the system check valve(s) been internally inspected within in the last 5 years? (Date 2009)	✓		
4. Is the visible exterior of the system piping in good condition and free from damage? (Date checked 2017)	✓		
5. Are visible hangers in place, securely attached and free of corrosion? (Date checked 2017)	✓		
6. Are system gauges (water/air) in good condition and showing normal pressures?	✓		
7. Were system gauges (water/air) checked against a calibrated gauge or replaced in the last 5 years? (Date 2009)	✓		
B. Wet Systems			
1. Are areas protected by wet systems inside the property properly heated?	✓		
2. There is no leakage from drain pipes indicating problems with retard chambers, alarm drains or main drain?	✓		
3. Are inspection and flow test tags in place and filled out completely?	✓		
4. Was a flow test performed from Inspector's test valve and did the alarms operate?	✓		
5. Are cold weather valves in the appropriate (open) / (closed) position?	✓		
6. Are antifreeze test results satisfactory?		✓	
Test Results: Solution Type _____ Freeze Point _____		✓	
C. Dry Systems (see trip test report dated _____)			
1. Are the air pressure and priming water level in accordance with the manufacturer's instructions?		✓	
2. Is the air (compressor) or nitrogen supply in service and operating properly?		✓	
3. Are quick-opening devices in service? (Semiannual test performed on _____)		✓	
4. Are air maintenance device(s) installed and operating properly?		✓	
5. Is the intermediate chamber free from leakage and the velocity check free & clear?		✓	
6. Were low points drained during this inspection? (Quantity Drained _____) (see Part III.J)		✓	
7. Did the heating equipment in the valve enclosure operate at the time of inspection?		✓	
D. Special Systems (Deluge—Preaction) (see trip test report dated _____)			
1. Did detection devices test satisfactorily during this inspection?		✓	
2. Did the release/activation devices operate properly during detection testing?		✓	
3. Is the air pressure and priming water level for the preaction system in accordance with manufacturer's instructions?		✓	
E. Alarms (Wet, Dry, Preaction & Deluge)			
1. Are the alarm trim valves in the proper position, sealed and/or locked?	✓		
2. Did the water motor and gong/electrical alarms (pressure and water flow) operate properly during testing?	✓		
3. Did the central station/monitoring system receive all alarms?	✓		
4. Did the low/high air alarms for the system piping/detection operate properly?		✓	
5. Did tamper devices operate properly?	✓		
F. Sprinklers			
1. Is the proper clearance maintained between the top of the storage and sprinkler deflector?			
2. Are all sprinklers free from corrosion, loading or obstruction to spray discharge?			
3. Are standard sprinklers in service for less than 50 years / dated after 1920?			
4. Are fast response sprinklers in service for less than 20 years?			
5. Is a spare head cabinet with spare sprinklers and proper wrenches installed at system riser?			
6. Are sprinklers near heating devices of proper temperature rating?			
G. Control Valves (see item G.7)			
1. Are sprinkler system control valves in the appropriate position?			
2. Were operating stems of all O.S.&Y. valves lubricated, completely closed and reopened? (Date _____)	✓		
3. Were all control valves operated through full range and returned to normal position? (Date _____)	✓		
4. Are valves free from external leaks?	✓		
5. Are valves properly identified with signs?	✓		
6. Are pressure regulating control valves open, not leaking, maintaining downstream pressure and	✓		
free from physical damage? (Date tested _____)	✓		

See Addendum

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7.

Control Valve Maintenance Table	Number	Type	Open	Secured	Closed	Signs	Tampers	Seal No.	Abnormal Condition
City Connection Control Valve	—								
Tank Control Valves	2	Gate	yes/yes	yes	yes/NO	NO	NO		
Pump Control Valves	4	BF/OSY	yes	yes	NO	yes	NO		
Sectional Control Valves	—								
System Control Valves	1	OSY	yes	yes	NO	yes	NO		
Other Control Valves	—								
Test Header Control Valve	1	BF	NO	yes	yes	yes	NO		
Pressure Reducing Control Valve	—								

4. Water Supply Data

	YES	N.A.	NO
1. Was a water flow test of main drain made at sprinkler riser?	X		

2. Water supply pressures:
   a. City 50 psi c. Tank _____ psi
   b. Fire pump 20 psi d. _____ psi

3. Water flow test at sprinkler riser (in psi):

	Test Pipe Location	Size Test Pipe	Static	Residual	Static		Test Pipe Location	Size Test Pipe	Static	Residual	Static
a	WCT	2"	60	50	65	d					
b						e					
c						f					

Explain any no answers and comment [see addendum(s) attached if checked ☐]

(1) water motor gong NC working, Trim stopped up
(2) louvers not working in pump room.

Adjustments or corrections made during this inspection: none

This inspection was performed substantially in accordance with NFPA Standard: 25(14th) ☐ 13( ) ☐ ___( ) ☐ ___( ) ☐ ___( ) ☐ . Although these comments are not the result of an engineering review, the following desirable improvements are recommended [see addendum(s) attached if checked ☐]

* FLSA Completed Semi-Annual sprinkler inspection

The information on this form is correct at the time and place of my inspection. The "fire protection system" was left in operational condition upon completion of this inspection except as noted above.

This report was reviewed with:

Virginia Sharp (Print Name) — Virginia Sharp (Signature) — Technician — 12-20-17 (Date)

Fire & Life Safety America, Inc
1407 Mill Race Drive Salem, VA 24153
Tel: (540)378-6160 Fax: (540)378-6171

FIRE PROTECTION SYSTEM SUMMARY INSPECTION AND TESTING FORM

Date: 12-23-13 Work Order #: 224134

GENERAL INFORMATION

Site Name: Clear brook Elem School Owner: Roanoke County Schools
Address: 5205 Franklin Rd Address:
City: Roanoke State: VA City: State:

Last Inspection Date: 6-13 By: FLSA

This inspection is (check one): ☐ monthly ☐ bi-monthly ☐ quarterly ☒ semi-annual ☐ annual Report to:

PART A EQUIPMENT AND ALARMS

1. Central station notified / alarms silenced 8:00 AM / PM Alarms restored AM / PM
2. Fire Protection System(s) to be inspected (No., Size, Make, Model) (3") Wet System

PART B OWNER'S SECTION (to be answered by owner or occupant)

		Yes	N/A**	No*
1.	Is the property occupied?	✓		
2.	Has the occupancy classification or hazard of contents remained the same since the last inspection?	✓		
3.	Is the "fire protection system' in service?	✓		
4.	Has the "fire protection system" remained in service without modification or activation since last inspection?	✓		
5.	If "no" to 4, all changes to building or system(s) fully reviewed, documented and properly protected.	✓		
6.	Has the system been examined internally for obstructions where conditions exist that could cause obstructed piping? Date: 2011	✓		
7.	Has the system piping (dry, preaction, deluge) been checked for proper drainage and/or pitch?	✓		
8.	Is the "fire protection system" adequately protected from freezing?	✓		
9.	Have hazardous locations and materials been identified and safety instructions provided to the technician prior to performing the inspection?	✓		

PART C - TEST NOTIFICATIONS

	PRIOR TO START			UPON COMPLETION		
	Yes	No	Time	Yes	No	Time
Monitoring Entity/Central Station	✓		8:00	✓		
Building Management	✓		8:00	✓		
Building Occupant	✓		8:00	✓		
AHJ/FD						
Other (specify)						
Did alarm central station receive signal properly?				✓		
Did alarm panel reset properly?				✓		

PART D - INSPECTION PERFORMED (Copies Attached of Items Checked)

- ☒ Sprinkler System Form
- ☐ Dry Valve Trip Test Report
- ☐ Sprinkler Piping Condition Form
- ☐ Fire Pump Inspection Form
- ☐ _____
- ☐ Standpipe Inspection Form
- ☐ Hydrant Flow Test Form
- ☐ Fire Alarm Detection Form
- ☐ Deluge/Pre-Action Trip Test Report
- ☐ _____
- ☐ Water Storage Tanks Form
- ☐ Private Fire Service Mains Form
- ☐ Backflow Test Form
- ☐ Addendum to Report of Inspection

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Tel: (540)378-6160 Fax: (540)378-6171

FIRE PROTECTION SYSTEM SUMMARY INSPECTION AND TESTING FORM

Date: 12-20-13 Work Order #: 224134

GENERAL INFORMATION

Site Name: Beckcreek School Owner:
Address: Address:
City: Roanoke State: VA City: State:

Last Inspection Date: 2012 By: FLSA

This inspection is (check one): ☐ monthly ☐ bi-monthly ☐ quarterly ☐ semi-annual ☒ annual Report to:

PART A EQUIPMENT AND ALARMS

1. Central station notified / alarms silenced 12:15 AM / (PM) Alarms restored 1:15 AM / (PM)
2. Fire Protection System(s) to be inspected (No., Size, Make, Model) 750 gpm, 4" FIRE MATIC w/ T. Simplex 4010

PART B OWNER'S SECTION (to be answered by owner or occupant)

		Yes	N/A**	No*
1.	Is the property occupied?	✓		
2.	Has the occupancy classification or hazard of contents remained the same since the last inspection?	✓		
3.	Is the "fire protection system' in service?	✓		
4.	Has the "fire protection system" remained in service without modification or activation since last inspection?	✓		
5.	If "no" to 4, all changes to building or system(s) fully reviewed, documented and properly protected.	✓		
6.	Has the system been examined internally for obstructions where conditions exist that could cause obstructed piping? Date: 2009	✓		
7.	Has the system piping (dry, preaction, deluge) been checked for proper drainage and/or pitch?		✓	
8.	Is the "fire protection system" adequately protected from freezing?	✓		
9.	Have hazardous locations and materials been identified and safety instructions provided to the technician prior to performing the inspection?	✓		

PART C - TEST NOTIFICATIONS

	PRIOR TO START			UPON COMPLETION		
	Yes	No	Time	Yes	No	Time
Monitoring Entity/Central Station	✓		12:15	✓		1:00
Building Management	✓		12:10	✓		
Building Occupant	✓		12:10	✓		
AHJ/FD						
Other (specify)						
Did alarm central station receive signal properly?	✓		1:00	✓		
Did alarm panel reset properly?	✓		1:00	✓		

PART D - INSPECTION PERFORMED (Copies Attached of Items Checked)

- ☒ Sprinkler System Form
- ☐ Dry Valve Trip Test Report
- ☐ Sprinkler Piping Condition Form
- ☐ Fire Pump Inspection Form
- ☐ _____
- ☐ Standpipe Inspection Form
- ☐ Hydrant Flow Test Form
- ☐ Fire Alarm Detection Form
- ☐ Deluge/Pre-Action Trip Test Report
- ☐ _____
- ☐ Water Storage Tanks Form
- ☐ Private Fire Service Mains Form
- ☐ Backflow Test Form
- ☐ Addendum to Report of Inspection

Fire & Life Safety America, Inc
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FIRE PROTECTION SYSTEM SUMMARY INSPECTION AND TESTING FORM

Date: 12-20-13 Work Order #: 224154

GENERAL INFORMATION

Site Name: Back Creek School Owner:
Address: Address:
City: Roanoke State: VA City: State:
Last Inspection Date: 2012 By: FLSA
This inspection is (check one): ☐ monthly ☐ bi-monthly ☐ quarterly ☐ semi-annual ☒ annual Report to:

PART A EQUIPMENT AND ALARMS

1. Central station notified / alarms silenced 12:15 AM / (PM) Alarms restored 1:15 AM / (PM)
2. Fire Protection System(s) to be inspected (No., Size, Make, Model) 750 gpm, 4" Fire Metic wet. Simplex 4010

PART B OWNER'S SECTION (to be answered by owner or occupant)

		Yes	N/A**	No*
1.	Is the property occupied?	✓		
2.	Has the occupancy classification or hazard of contents remained the same since the last inspection?	✓		
3.	Is the "fire protection system' in service?	✓		
4.	Has the "fire protection system" remained in service without modification or activation since last inspection?	✓		
5.	If "no" to 4, all changes to building or system(s) fully reviewed, documented and properly protected.	✓		
6.	Has the system been examined internally for obstructions where conditions exist that could cause obstructed piping? Date: 2009	✓		
7.	Has the system piping (dry, preaction, deluge) been checked for proper drainage and/or pitch?		✓	
8.	Is the "fire protection system" adequately protected from freezing?	✓		
9.	Have hazardous locations and materials been identified and safety instructions provided to the technician prior to performing the inspection?	✓		

PART C - TEST NOTIFICATIONS

	PRIOR TO START			UPON COMPLETION		
	Yes	No	Time	Yes	No	Time
Monitoring Entity/Central Station	✓		12:15	✓		1:00
Building Management	✓		12:10	✓		
Building Occupant	✓		12:10	✓		
AHJ/FD						
Other (specify)						
Did alarm central station receive signal properly?	✓		1:00	✓		
Did alarm panel reset properly?	✓		1:00	✓		

PART D - INSPECTION PERFORMED (Copies Attached of Items Checked)

- ☒ Sprinkler System Form
- ☐ Dry Valve Trip Test Report
- ☐ Sprinkler Piping Condition Form
- ☐ Fire Pump Inspection Form
- ☐ _____
- ☐ Standpipe Inspection Form
- ☐ Hydrant Flow Test Form
- ☐ Fire Alarm Detection Form
- ☐ Deluge/Pre-Action Trip Test Report
- ☐ _____
- ☐ Water Storage Tanks Form
- ☐ Private Fire Service Mains Form
- ☐ Backflow Test Form
- ☐ Addendum to Report of Inspection

Fire & Life Safety America, Inc
1407 Mill Race Drive Salem, VA 24153
Tel:(540)378-6160 Fax:(540)378-6171

Fire Protection Systems Report of Inspections

Work Order #: _____ Date: 12-20-17

Site Name	Back Creek School	Owner	
Address		Address	
City	ROANOKE State VA	City	State
Zip	Phone	Zip	Phone

PART I INSPECTOR'S SECTION (all responses reference current inspection)	Yes	N/A	No
A. General			
1. Is the hydraulic data plate in place, permanently marked and securely attached?	✓		
2. Is the fire department connection(s) in satisfactory condition, couplings free, caps in place,	✓		
check valves tight and accessible and visible?	✓		
3. Has the system check valve(s) been internally inspected within in the last 5 years? (Date 2009)	✓		
4. Is the visible exterior of the system piping in good condition and free from damage? (Date checked 2017)	✓		
5. Are visible hangers in place, securely attached and free of corrosion? (Date checked 2017)	✓		
6. Are system gauges (water/air) in good condition and showing normal pressures?	✓		
7. Were system gauges (water/air) checked against a calibrated gauge or replaced in the last 5 years? (Date 2009)	✓		
B. Wet Systems			
1. Are areas protected by wet systems inside the property properly heated?	✓		
2. There is no leakage from drain pipes indicating problems with retard chambers, alarm drains or main drain?	✓		
3. Are inspection and flow test tags in place and filled out completely?	✓		
4. Was a flow test performed from Inspector's test valve and did the alarms operate?	✓		
5. Are cold weather valves in the appropriate (open) / (closed) position?	✓		
6. Are antifreeze test results satisfactory?		✓	
Test Results: Solution Type _____ Freeze Point _____		✓	
C. Dry Systems (see trip test report dated _____)			
1. Are the air pressure and priming water level in accordance with the manufacturer's instructions?		✓	
2. Is the air (compressor) or nitrogen supply in service and operating properly?		✓	
3. Are quick-opening devices in service? (Semiannual test performed on _____)		✓	
4. Are air maintenance device(s) installed and operating properly?		✓	
5. Is the intermediate chamber free from leakage and the velocity check free & clear?		✓	
6. Were low points drained during this inspection? (Quantity Drained _____) (see Part III.J)		✓	
7. Did the heating equipment in the valve enclosure operate at the time of inspection?		✓	
D. Special Systems (Deluge—Preaction) (see trip test report dated _____)			
1. Did detection devices test satisfactorily during this inspection?		✓	
2. Did the release/activation devices operate properly during detection testing?		✓	
3. Is the air pressure and priming water level for the preaction system in accordance with manufacturer's instructions?		✓	
E. Alarms (Wet, Dry, Preaction & Deluge)			
1. Are the alarm trim valves in the proper position, sealed and/or locked?	✓		
2. Did the water motor and gong/electrical alarms (pressure and water flow) operate properly during testing?	✓		
3. Did the central station/monitoring system receive all alarms?	✓		
4. Did the low/high air alarms for the system piping/detection operate properly?		✓	
5. Did tamper devices operate properly?	✓		
F. Sprinklers			
1. Is the proper clearance maintained between the top of the storage and sprinkler deflector?			
2. Are all sprinklers free from corrosion, loading or obstruction to spray discharge?			
3. Are standard sprinklers in service for less than 50 years / dated after 1920?			
4. Are fast response sprinklers in service for less than 20 years?			
5. Is a spare head cabinet with spare sprinklers and proper wrenches installed at system riser?			
6. Are sprinklers near heating devices of proper temperature rating?			
G. Control Valves (see item G.7)			
1. Are sprinkler system control valves in the appropriate position?			
2. Were operating stems of all O.S.&Y. valves lubricated, completely closed and reopened? (Date _____)	✓		
3. Were all control valves operated through full range and returned to normal position? (Date _____)	✓		
4. Are valves free from external leaks?	✓		
5. Are valves properly identified with signs?	✓		
6. Are pressure regulating control valves open, not leaking, maintaining downstream pressure and	✓		
free from physical damage? (Date tested _____)	✓		

See addendum

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7.

Control Valve Maintenance Table	Number	Type	Open	Secured	Closed	Signs	Tampers	Seal No.	Abnormal Condition
City Connection Control Valve	—								
Tank Control Valves	2	Gate	yes/no	yes	yes/no	no	no		
Pump Control Valves	4	BF/OSY	yes	yes	no	yes	no		
Sectional Control Valves	—								
System Control Valves	1	OSY	yes	yes	no	yes	no		
Other Control Valves	—								
Test Header Control Valve	1	BF	no	yes	yes	yes	no		
Pressure Reducing Control Valve	—								

4. Water Supply Data

	YES	N.A.	NO
1. Was a water flow test of main drain made at sprinkler riser?	X		

2. Water supply pressures:
   a. City 50 psi c. Tank _____ psi
   b. Fire pump 20 psi d. _____ psi

3. Water flow test at sprinkler riser (in psi):

	Test Pipe Location	Size Test Pipe	Static	Residual	Static		Test Pipe Location	Size Test Pipe	Static	Residual	Static
a	cut	2"	60	50	65	d					
b						e					
c						f					

Explain any no answers and comment [see addendum(s) attached if checked ☐]

(1) water motor gong no working, Trim stopped up
(2) louvers not working in pump room.

Adjustments or corrections made during this inspection: none

This inspection was performed substantially in accordance with NFPA Standard: 25(13th) ☐ 13( ) ☐ ( ) ☐ ( ) ☐ ( ) ☐ . Although these comments are not the result of an engineering review, the following desirable improvements are recommended [see addendum(s) attached if checked ☐]

* FLSA Completed Semi-Annual sprinkler inspection

The information on this form is correct at the time and place of my inspection. The "fire protection system" was left in operational condition upon completion of this inspection except as noted above.

This report was reviewed with:

Virginia Sharp	Virginia Sharp	Barry Hicks	12-20-13
Print Name	Signature	Technician	Date

Fire & Life Safety America, Inc
1407 Mill Race Drive Salem, VA 24153
Tel: (540)378-6160 Fax: (540)378-6171

FIRE PROTECTION SYSTEM SUMMARY INSPECTION AND TESTING FORM

Date: 12-23-13 Work Order #: 224134

GENERAL INFORMATION

Site Name: Clear brook Elem School Owner: Roanoke County Schools
Address: 5205 Franklin Rd Address:
City: Roanoke State: VA City: State:

Last Inspection Date: 6-13 By: FLSA

This inspection is (check one): ☐ monthly ☐ bi-monthly ☐ quarterly ☒ semi-annual ☐ annual Report to:

PART A EQUIPMENT AND ALARMS

1. Central station notified / alarms silenced 8:00 AM / PM Alarms restored AM / PM
2. Fire Protection System(s) to be inspected (No., Size, Make, Model) 13" Wet System

PART B OWNER'S SECTION (to be answered by owner or occupant)

	Yes	N/A**	No*
1. Is the property occupied?	✓		
2. Has the occupancy classification or hazard of contents remained the same since the last inspection?	✓		
3. Is the "fire protection system' in service?	✓		
4. Has the "fire protection system" remained in service without modification or activation since last inspection?	✓		
5. If "no" to 4, all changes to building or system(s) fully reviewed, documented and properly protected.	✓		
6. Has the system been examined internally for obstructions where conditions exist that could cause obstructed piping? Date: 2011	✓		
7. Has the system piping (dry, preaction, deluge) been checked for proper drainage and/or pitch?	✓		
8. Is the "fire protection system" adequately protected from freezing?	✓		
9. Have hazardous locations and materials been identified and safety instructions provided to the technician prior to performing the inspection?	✓		

PART C - TEST NOTIFICATIONS

	PRIOR TO START			UPON COMPLETION		
	Yes	No	Time	Yes	No	Time
Monitoring Entity/Central Station	✓		8:00	✓		
Building Management	✓		8:00	✓		
Building Occupant	✓		8:00	✓		
AHJ/FD						
Other (specify)						
Did alarm central station receive signal properly?				✓		
Did alarm panel reset properly?				✓		

PART D - INSPECTION PERFORMED (Copies Attached of Items Checked)

- ☒ Sprinkler System Form
- ☐ Dry Valve Trip Test Report
- ☐ Sprinkler Piping Condition Form
- ☐ Fire Pump Inspection Form
- ☐ _____
- ☐ Standpipe Inspection Form
- ☐ Hydrant Flow Test Form
- ☐ Fire Alarm Detection Form
- ☐ Deluge/Pre-Action Trip Test Report
- ☐ _____
- ☐ Water Storage Tanks Form
- ☐ Private Fire Service Mains Form
- ☐ Backflow Test Form
- ☐ Addendum to Report of Inspection

Fire & Life Safety America, Inc
1407 Mill Race Drive Salem, VA 24153
Tel:(540)378-6160 Fax:(540)378-6171

Fire Protection Systems Report of Inspections

Work Order #: _____ Date: 12-23-13

Site Name	Clearbrook Elem School		Owner	Roanoke County Schools	
Address	Franklin Rd		Address		
City	Roanoke	State VA	City		State
Zip	24014	Phone	Zip		Phone

PART I INSPECTOR'S SECTION (all responses reference current inspection)	Yes	N/A	No
A. General			
1. Is the hydraulic data plate in place, permanently marked and securely attached?	✓		
2. Is the fire department connection(s) in satisfactory condition, couplings free, caps in place, check valves tight and accessible and visible?	✓		
3. Has the system check valve(s) been internally inspected within in the last 5 years? (Date 2011)	✓		
4. Is the visible exterior of the system piping in good condition and free from damage? (Date checked 6-13)	✓		
5. Are visible hangers in place, securely attached and free of corrosion? (Date checked 6-13)	✓		
6. Are system gauges (water/air) in good condition and showing normal pressures?	✓		
7. Were system gauges (water/air) checked against a calibrated gauge or replaced in the last 5 years? (Date 2011)	✓		
B. Wet Systems			
1. Are areas protected by wet systems inside the property properly heated?	✓		
2. There is no leakage from drain pipes indicating problems with retard chambers, alarm drains or main drain?	✓		
3. Are inspection and flow test tags in place and filled out completely?	✓		
4. Was a flow test performed from inspector's test valve and did the alarms operate?	✓		
5. Are cold weather valves in the appropriate (open) / (closed) position?		✓	
6. Are antifreeze test results satisfactory?		✓	
Test Results: Solution Type _____ Freeze Point _____			
C. Dry Systems (see trip test report dated N/A)			
1. Are the air pressure and priming water level in accordance with the manufacturer's instructions?		✓	
2. Is the air (compressor) or nitrogen supply in service and operating properly?		✓	
3. Are quick-opening devices in service? (Semiannual test performed on _____)		✓	
4. Are air maintenance device(s) installed and operating properly?		✓	
5. Is the intermediate chamber free from leakage and the velocity check free & clear?		✓	
6. Were low points drained during this inspection? (Quantity Drained _____) (see Part III.J)		✓	
7. Did the heating equipment in the valve enclosure operate at the time of inspection?		✓	
D. Special Systems (Deluge—Preaction) (see trip test report dated N/A)			
1. Did detection devices test satisfactorily during this inspection?		✓	
2. Did the release/activation devices operate properly during detection testing?		✓	
3. Is the air pressure and priming water level for the preaction system in accordance with manufacturer's instructions?		✓	
E. Alarms (Wet, Dry, Preaction & Deluge)			
1. Are the alarm trim valves in the proper position, sealed and/or locked?	✓		
2. Did the water motor and gong/electrical alarms (pressure and water flow) operate properly during testing?	✓		
3. Did the central station/monitoring system receive all alarms?	✓		
4. Did the low/high air alarms for the system piping/detection operate properly?	✓		
5. Did tamper devices operate properly?	✓		
F. Sprinklers			
1. Is the proper clearance maintained between the top of the storage and sprinkler deflector?	✓		
2. Are all sprinklers free from corrosion, loading or obstruction to spray discharge?	✓		
3. Are standard sprinklers in service for less than 50 years / dated after 1920?	✓		
4. Are fast response sprinklers in service for less than 20 years?	✓		
5. Is a spare head cabinet with spare sprinklers and proper wrenches installed at system riser?	✓		
6. Are sprinklers near heating devices of proper temperature rating?	✓		
G. Control Valves (see item G.7)			
1. Are sprinkler system control valves in the appropriate position?	✓		
2. Were operating stems of all O.S.&Y. valves lubricated, completely closed and reopened? (Date 12-13)	✓		
3. Were all control valves operated through full range and returned to normal position? (Date 12-13)	✓		
4. Are valves free from external leaks?	✓		
5. Are valves properly identified with signs?	✓		
6. Are pressure regulating control valves open, not leaking, maintaining downstream pressure and free from physical damage? (Date tested _____)		✓	

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7.

Control Valve Maintenance Table	Number	Type	Open	Secured	Closed	Signs	Tampers	Seal No.	Abnormal Condition
City Connection Control Valve									
Tank Control Valves									
Pump Control Valves									
Sectional Control Valves									
System Control Valves	2	OS&Y	YES	yes	NO	yes	YES		
Other Control Valves									
Test Header Control Valve									
Pressure Reducing Control Valve									

8. Water Supply Data

	YES	N.A.	NO
1. Was a water flow test of main drain made at sprinkler riser?	✓		

2. Water supply pressures:
   a. City 120 psi
   b. Fire pump N/A psi
   c. Tank N/A psi
   d. N/A psi

3. Water flow test at sprinkler riser (in psi):

	Test Pipe Location	Size Test Pipe	Static	Residual	Static
a	Riser	2"	120	105	120
b					
c					

	Test Pipe Location	Size Test Pipe	Static	Residual	Static
d					
e					
f					

Explain any no answers and comment (see addendum(s) attached if checked ☐)

9. Adjustments or corrections made during this inspection: NONE

10. This inspection was performed substantially in accordance with NFPA Standard: 25(IV)☒ 13( )☐ ( )☐ ( )☐ ( )☐ . Although these comments are not the result of an engineering review, the following desirable improvements are recommended (see addendum(s) attached if checked ☐)

The information on this form is correct at the time and place of my inspection. The fire protection system was left in operational condition upon completion of this inspection except as noted above.

This report was reviewed with:

Karen L. Pendleton — Print Name

K-L Pendleton — Signature

By: East Coast Fire Protection, Inc.

Technician

12-23-17 — Date

FLSA
FIRE & LIFE SAFETY AMERICA — PROTECTING AMERICA

Service Authorization Agreement No: 106977

Order Date: 12/23/13 Phone:	Customer PO #
FLSA Job No.	Ordered By:
Job Name: Clearbrook Elem School	Bill To:
Job Address: 5205 Franklin Rd Roanoke, VA 24014	Billing Address:
Contact Name: Dennis Eggerly	Pmt Method: Cash/Chk Visa MC Amex Discover Bill To
Phone:	CC No: Exp Date:
Valve Seal #	CC Signature:

Description of Work: FLSA completed Semi-annual sprinkler inspection per contract. System was returned to normal operation upon departure

Qty	Materials	Unit Price	Amount	Tech(s)	Date on Job	Hrs	OT	Travel
				A. Throm	12-23-13			
				A. Ruble	12-23-13			
					TOTAL			

Return Trip Required: Yes ☐ No ☑

Date Completed: 12/23/13

Office Use Only - Cost Summary	
Total Labor	
Total Materials	
Fuel Charge	
Grand Total	

Limitation of Liability: FLSA's liability to Customer shall extend only to personal injury, death, or property damage arising from performance under this Agreement and shall be limited to the payments made to FLSA under this Agreement. Customer shall hold FLSA harmless from any and all third party claims for personal injury, death or property damage arising from Customer's failure to maintain its premises, including but not limited to damages to the fire protection system or Customer's property caused by water leakage, freezing pipes, loss of power, acts of God or other similar causes beyond the control of FLSA. In no event shall FLSA be liable for any special, indirect, incidental, consequential or any other damages of any character, including but not limited to the loss of use of the Customer's property, lost profits or lost production, whether claimed by Customer or by any third party, irrespective of whether claims or actions for such damages are based upon contract, warranty, negligence, tort, strict liability or otherwise

DISCLAIMER OF WARRANTIES: FLSA HEREBY DISCLAIMS ANY AND ALL WARRANTIES NOT EXPRESSLY STATED HEREIN, INCLUDING WARRANTIES OF MERCHANTIBILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES AND IN NO EVENT SHALL FLSA BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR LOST PROFITS INCURRED BY CUSTOMER, WHETHER OR NOT FLSA RECEIVES NOTICE OF THE POTENTIAL FOR SUCH DAMAGES. NOTWITHSTANDING THE FOREGOING, ANY LIABILITY INCURRED BY FLSA SHALL BE LIMITED TO THE AMOUNT OF GOODS AND SERVICES PURCHASED BY CUSTOMER AND CONTAINED WITHIN THIS AGREEMENT.

TERMS AND CONDITIONS ON THE REVERSE SIDE ARE AN INTEGRAL PART OF THIS WORK ORDER. CLIENT ACKNOWLEDGES RECEIPT OF A COPY OF THIS WORK ORDER AND HAS READ THE FRONT AND REVERSE SIDE OF THIS WORK ORDER.

By signing below, the Customer hereby authorizes FLSA to perform the Work described above and certifies that: (i) the information provided above and/or attached to this Agreement is true, accurate, and complete to the best of Customer's knowledge; (ii) the signor has the authority to authorize the Work requested pursuant to this Agreement; and (iii) the Customer has read this entire Agreement and agrees to comply with and by bound by the terms and conditions contained herein.

Customer: Clearbrook Elementary

Signature: [signature]

Print Name: Karen W Pendleton

Title: Principal

Date: 12/23/13

Form 4.5.07

White - Office Yellow - Customer Pink - Technician

Fire & Life Safety America, Inc
1407 Mill Race Drive Salem, VA 24153
Tel: (540)378-6160 Fax: (540)378-6171

FIRE PROTECTION SYSTEM SUMMARY INSPECTION AND TESTING FORM

Date: 12-23-13 Work Order #: 224134

GENERAL INFORMATION

Site Name: Oak Grove Elem School Owner: Roanoke County Schools
Address: 5005 Grandin Rd Ext Address:
City: Roanoke State: VA City: State:

Last Inspection Date: 6-13 By: FLSA

This inspection is (check one): ☐ monthly ☐ bi-monthly ☐ quarterly ☒ semi-annual ☐ annual Report to: Dennis Epperly

PART A EQUIPMENT AND ALARMS

1. Central station notified / alarms silenced N/A AM / PM Alarms restored N/A AM / PM
2. Fire Protection System(s) to be inspected (No., Size, Make, Model) (1) 3" Domestic wet system (1) 1" Domestic wet system (1) ~~2~~ 1½" Domestic wet system.

PART B OWNER'S SECTION (to be answered by owner or occupant)

		Yes	N/A**	No*
1.	Is the property occupied?	✓		
2.	Has the occupancy classification or hazard of contents remained the same since the last inspection?	✓		
3.	Is the "fire protection system' in service?	✓		
4.	Has the "fire protection system" remained in service without modification or activation since last inspection?	✓		
5.	If "no" to 4, all changes to building or system(s) fully reviewed, documented and properly protected.	✓		
6.	Has the system been examined internally for obstructions where conditions exist that could cause obstructed piping? Date: N/A		✓	
7.	Has the system piping (dry, preaction, deluge) been checked for proper drainage and/or pitch?	✓		
8.	Is the "fire protection system" adequately protected from freezing?	✓		
9.	Have hazardous locations and materials been identified and safety instructions provided to the technician prior to performing the inspection?	✓		

PART C - TEST NOTIFICATIONS

	PRIOR TO START			UPON COMPLETION		
	Yes	No	Time	Yes	No	Time
Monitoring Entity/Central Station	N/A					
Building Management						
Building O ccupant	✓		1:15	✓		
AHJ/FD						
Other (specify)						
Did alarm central station receive signal properly?						
Did alarm panel reset properly?						

PART D - INSPECTION PERFORMED (Copies Attached of Items Checked)

- ☒ Sprinkler System Form
- ☐ Dry Valve Trip Test Report
- ☐ Sprinkler Piping Condition Form
- ☐ Fire Pump Inspection Form
- ☐ _____
- ☐ Standpipe Inspection Form
- ☐ Hydrant Flow Test Form
- ☐ Fire Alarm Detection Form
- ☐ Deluge/Pre-Action Trip Test Report
- ☐ _____
- ☐ Water Storage Tanks Form
- ☐ Private Fire Service Mains Form
- ☐ Backflow Test Form
- ☐ Addendum to Report of Inspection

Fire & Life Safety America, Inc
1407 Mill Race Drive Salem, VA 24153
Tel:(540)378-6160 Fax:(540)378-6171

Fire Protection Systems Report of Inspections

Work Order #: _____ Date: 12-23-13

Site Name	Oak Grove Elem School	Owner	Roanoke County Schools
Address	5005 Franklin Rd Ext	Address	
City	Roanoke State VA	City	State
Zip	Phone	Zip	Phone

PART I INSPECTOR'S SECTION (all responses reference current inspection)	Yes	N/A	No
A. General			
1. Is the hydraulic data plate in place, permanently marked and securely attached?	✓		
2. Is the fire department connection(s) in satisfactory condition, couplings free, caps in place, check valves tight and accessible and visible?		✓	
3. Has the system check valve(s) been internally inspected within in the last 5 years? (Date [illegible])		✓	
4. Is the visible exterior of the system piping in good condition and free from damage? (Date checked 6-13)	✓		
5. Are visible hangers in place, securely attached and free of corrosion? (Date checked 6-13)	✓		
6. Are system gauges (water/air) in good condition and showing normal pressures?	✓	✓	
7. Were system gauges (water/air) checked against a calibrated gauge or replaced in the last 5 years? (Date _____)		✓	
B. Wet Systems			
1. Are areas protected by wet systems inside the property properly heated?	✓		
2. There is no leakage from drain pipes indicating problems with retard chambers, alarm drains or main drain?	✓		
3. Are inspection and flow test tags in place and filled out completely?	✓		
4. Was a flow test performed from inspector's test valve and did the alarms operate?	✓		
5. Are cold weather valves in the appropriate (open) / (closed) position?		✓	
6. Are antifreeze test results satisfactory?		✓	
Test Results: Solution Type _____ Freeze Point _____			
C. Dry Systems (see trip test report dated N/A)			
1. Are the air pressure and priming water level in accordance with the manufacturer's instructions?		✓	
2. Is the air (compressor) or nitrogen supply in service and operating properly?		✓	
3. Are quick-opening devices in service? (Semiannual test performed on _____)		✓	
4. Are air maintenance device(s) installed and operating properly?		✓	
5. Is the intermediate chamber free from leakage and the velocity check free & clear?		✓	
6. Were low points drained during this inspection? (Quantity Drained _____) (see Part III.J)		✓	
7. Did the heating equipment in the valve enclosure operate at the time of inspection?		✓	
D. Special Systems (Deluge—Preaction) (see trip test report dated N/A)			
1. Did detection devices test satisfactorily during this inspection?		✓	
2. Did the release/activation devices operate properly during detection testing?		✓	
3. Is the air pressure and priming water level for the preaction system in accordance with manufacturer's instructions?		✓	
E. Alarms (Wet, Dry, Preaction & Deluge)			
1. Are the alarm trim valves in the proper position, sealed and/or locked?	✓		
2. Did the water motor and gong/electrical alarms (pressure and water flow) operate properly during testing?		✓	
3. Did the central station/monitoring system receive all alarms?		✓	
4. Did the low/high air alarms for the system piping/detection operate properly?		✓	
5. Did tamper devices operate properly?	✓		
F. Sprinklers			
1. Is the proper clearance maintained between the top of the storage and sprinkler deflector?	✓		
2. Are all sprinklers free from corrosion, loading or obstruction to spray discharge?	✓		
3. Are standard sprinklers in service for less than 50 years / dated after 1920?	✓		
4. Are fast response sprinklers in service for less than 20 years?	✓		
5. Is a spare head cabinet with spare sprinklers and proper wrenches installed at system riser?	✓		
6. Are sprinklers near heating devices of proper temperature rating?	✓		
G. Control Valves (see item G.7)			
1. Are sprinkler system control valves in the appropriate position?	✓		
2. Were operating stems of all O.S.&Y. valves lubricated, completely closed and reopened? (Date N/A)		✓	
3. Were all control valves operated through full range and returned to normal position? (Date 12-23-13)	✓		
4. Are valves free from external leaks?	✓		
5. Are valves properly identified with signs?	✓	-	
6. Are pressure regulating control valves open, not leaking, maintaining downstream pressure and free from physical damage? (Date tested _____)		✓	

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7.

Control Valve Maintenance Table	Number	Type	Open	Secured	Closed	Signs	Tampers	Seal No.	Abnormal Condition
City Connection Control Valve									
Tank Control Valves									
Pump Control Valves									
Sectional Control Valves									
System Control Valves	6	Ball	YES	YES	NO	YES	YES		
Other Control Valves									
Test Header Control Valve									
Pressure Reducing Control Valve									

4. Water Supply Data

	YES	N.A.	NO
1. Was a water flow test of main drain made at sprinkler riser?		✓	

2. Water supply pressures:
   a. City N/A psi
   b. Fire pump N/A psi
   c. Tank N/A psi
   d. N/A psi

3. Water flow test at sprinkler riser (in psi):

	Test Pipe Location	Size Test Pipe	Static	Residual	Static
a		N/A	N/A		
b					
c					

	Test Pipe Location	Size Test Pipe	Static	Residual	Static
d		N/A	N/A		
e					
f					

Explain any no answers and comment (see addendum(s) attached if checked ☐)

5. Adjustments or corrections made during this inspection: NONE

6. This inspection was performed substantially in accordance with NFPA Standard: 25(14)(13)( )☐ ( )☐ ( )☐ ( )☐ ( )☐. Although these comments are not the result of an engineering review, the following desirable improvements are recommended (see addendum(s) attached if checked ☐)

The information on this form is correct at the time and place of my inspection. The "fire protection system" was left in operational condition upon completion of this inspection except as noted above.

This report was reviewed with:

By: East Coast Fire Protection, Inc.

Kimberly M. Bradshaw	[signature]	[signature]	12-23-13
Print Name	Signature	Technician	Date

Fire & Life Safety America, Inc
1407 Mill Race Drive Salem, VA 24153
Tel:(540)378-6160 Fax:(540)378-6171

Fire Protection Systems Report of Inspections

Work Order #: _____ Date: 12-23-13

Site Name	Clearbrook Elem School		Owner	Roanoke County Schools	
Address	Franklin Rd		Address		
City	Roanoke	State VA	City		State
Zip	24014	Phone	Zip		Phone

PART I INSPECTOR'S SECTION (all responses reference current inspection)	Yes	N/A	No
A. General			
1. Is the hydraulic data plate in place, permanently marked and securely attached?	✓		
2. Is the fire department connection(s) in satisfactory condition, couplings free, caps in place,			
check valves tight and accessible and visible?	✓		
3. Has the system check valve(s) been internally inspected within in the last 5 years? (Date 2011)	✓		
4. Is the visible exterior of the system piping in good condition and free from damage? (Date checked 6-13)	✓		
5. Are visible hangers in place, securely attached and free of corrosion? (Date checked 6-13)	✓		
6. Are system gauges (water/air) in good condition and showing normal pressures?	✓		
7. Were system gauges (water/air) checked against a calibrated gauge or replaced in the last 5 years? (Date 2011)	✓		
B. Wet Systems			
1. Are areas protected by wet systems inside the property properly heated?	✓		
2. There is no leakage from drain pipes indicating problems with retard chambers, alarm drains or main drain?	✓		
3. Are inspection and flow test tags in place and filled out completely?	✓		
4. Was a flow test performed from inspector's test valve and did the alarms operate?	✓		
5. Are cold weather valves in the appropriate (open) / (closed) position?		✓	
6. Are antifreeze test results satisfactory?		✓	
Test Results: Solution Type _____ Freeze Point _____			
C. Dry Systems (see trip test report dated N/A)			
1. Are the air pressure and priming water level in accordance with the manufacturer's instructions?		✓	
2. Is the air (compressor) or nitrogen supply in service and operating properly?		✓	
3. Are quick-opening devices in service? (Semiannual test performed on _____)		✓	
4. Are air maintenance device(s) installed and operating properly?		✓	
5. Is the intermediate chamber free from leakage and the velocity check free & clear?		✓	
6. Were low points drained during this inspection? (Quantity Drained _____) (see Part III.J)		✓	
7. Did the heating equipment in the valve enclosure operate at the time of inspection?		✓	
D. Special Systems (Deluge—Preaction) (see trip test report dated N/A)			
1. Did detection devices test satisfactorily during this inspection?		✓	
2. Did the release/activation devices operate properly during detection testing?		✓	
3. Is the air pressure and priming water level for the preaction system in accordance with manufacturer's instructions?		✓	
E. Alarms (Wet, Dry, Preaction & Deluge)			
1. Are the alarm trim valves in the proper position, sealed and/or locked?	✓		
2. Did the water motor and gong/electrical alarms (pressure and water flow) operate properly during testing?	✓		
3. Did the central station/monitoring system receive all alarms?	✓		
4. Did the low/high air alarms for the system piping/detection operate properly?	✓		
5. Did tamper devices operate properly?	✓		
F. Sprinklers			
1. Is the proper clearance maintained between the top of the storage and sprinkler deflector?	✓		
2. Are all sprinklers free from corrosion, loading or obstruction to spray discharge?	✓		
3. Are standard sprinklers in service for less than 50 years / dated after 1920?	✓		
4. Are fast response sprinklers in service for less than 20 years?	✓		
5. Is a spare head cabinet with spare sprinklers and proper wrenches installed at system riser?	✓		
6. Are sprinklers near heating devices of proper temperature rating?	✓		
G. Control Valves (see item G.7)			
1. Are sprinkler system control valves in the appropriate position?	✓		
2. Were operating stems of all O.S.&Y. valves lubricated, completely closed and reopened? (Date 12-13)	✓		
3. Were all control valves operated through full range and returned to normal position? (Date 12-13)	✓		
4. Are valves free from external leaks?	✓		
5. Are valves properly identified with signs?	✓		
6. Are pressure regulating control valves open, not leaking, maintaining downstream pressure and			
free from physical damage? (Date tested _____)		✓	

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7.

Control Valve Maintenance Table	Number	Type	Open	Secured	Closed	Signs	Tampers	Seal No.	Abnormal Condition
City Connection Control Valve									
Tank Control Valves									
Pump Control Valves									
Sectional Control Valves									
System Control Valves	2	OS&Y	yes	yes	NO	yes	yes		
Other Control Valves									
Test Header Control Valve									
Pressure Reducing Control Valve									

4: Water Supply Data

	YES	N.A.	NO
1. Was a water flow test of main drain made at sprinkler riser?	✓		

2. Water supply pressures:
   a. City 120 psi
   b. Fire pump N/A psi
   c. Tank N/A psi
   d. N/A psi

3. Water flow test at sprinkler riser (in ps):

	Test Pipe Location	Size Test Pipe	Static	Residual	Static
a	Riser	2"	120	105	120
b					
c					

	Test Pipe Location	Size Test Pipe	Static	Residual	Static
d					
e					
f					

Explain any no answers and comment (see addendum(s) attached if checked ☐)

5. Adjustments or corrections made during this inspection: NONE

6. This inspection was performed substantially in accordance with NFPA Standard: 25(V)(E 13( )☐___( )☐___( )☐___( )☐___( )☐. Although these comments are not the result of an engineering review, the following desirable improvements are recommended (see addendum(s) attached if checked ☐)

The information on this form is correct at the time and place of my inspection. The "fire protection system" was left in operational condition upon completion of this inspection except as noted above.

This report was reviewed with: Karen L. Pendleton

By: East Coast Fire Protection, Inc.

Print Name	Signature	Technician	Date
Karen L. Pendleton	K-L Pendleton		12-23-13

FLSA
FIRE & LIFE SAFETY AMERICA — PROTECTING AMERICA

Service Authorization Agreement No: 106977

Order Date: 12/23/13 Phone:	Customer PO #
FLSA Job No.	Ordered By:
Job Name: Clearbrook Elem School	Bill To:
Job Address: 5205 Franklin Rd	Billing Address:
Roanoke, VA 24014	
Contact Name: Denis Eppely	Pmt Method: Cash/Chk Visa MC Amex Discover Bill To
Phone:	CC No: Exp Date:
Valve Seal #	CC Signature:

Description of Work: FLSA completed Semi-annual Sprinkler inspection per contract. System was returned to normal operation upon departure

Qty	Materials	Unit Price	Amount	Tech(s)	Date on Job	Misc	OT	Travel
				A. Throm	12-23-13			
				A. Ruble	12-23-13			
					TOTAL			

Return Trip Required: Yes ☐ No ☑

Date Completed: 12/23/13

Office Use Only - Cost Summary	
Total Labor	
Total Materials	
Fuel Charge	
Grand Total	

Limitation of Liability: FLSA's liability to Customer shall extend only to personal injury, death, or property damage arising from performance under this Agreement and shall be limited to the payments made to FLSA under this Agreement. Customer shall hold FLSA harmless from any and all third party claims for personal injury, death or property damage arising from Customer's failure to maintain its premises, including but not limited to damages to the fire protection system or Customer's property caused by water leakage, freezing pipes, loss of power, acts of God or other similar causes beyond the control of FLSA. In no event shall FLSA be liable for any special, indirect, incidental, consequential or any other damages of any character, including but not limited to the loss of use of the Customer's property, lost profits or lost production, whether claimed by Customer or by any third party, irrespective of whether claims or actions for such damages are based upon contract, warranty, negligence, tort, strict liability or otherwise

DISCLAIMER OF WARRANTIES: FLSA HEREBY DISCLAIMS ANY AND ALL WARRANTIES NOT EXPRESSLY STATED HEREIN, INCLUDING WARRANTIES OF MERCHANTIBILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES AND IN NO EVENT SHALL FLSA BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR LOST PROFITS INCURRED BY CUSTOMER, WHETHER OR NOT FLSA RECEIVES NOTICE OF THE POTENTIAL FOR SUCH DAMAGES. NOTWITHSTANDING THE FOREGOING, ANY LIABILITY INCURRED BY FLSA SHALL BE LIMITED TO THE AMOUNT OF GOODS AND SERVICES PURCHASED BY CUSTOMER AND CONTAINED WITHIN THIS AGREEMENT.

TERMS AND CONDITIONS ON THE REVERSE SIDE ARE AN INTEGRAL PART OF THIS WORK ORDER. CLIENT ACKNOWLEDGES RECEIPT OF A COPY OF THIS WORK ORDER AND HAS READ THE FRONT AND REVERSE SIDE OF THIS WORK ORDER.

By signing below, the Customer hereby authorizes FLSA to perform the Work described above and certifies that: (i) the information provided above and/or attached to this Agreement is true, accurate, and complete to the best of Customer's knowledge; (ii) the signor has the authority to authorize the Work requested pursuant to this Agreement; and (iii) the Customer has read this entire Agreement and agrees to comply with and by bound by the terms and conditions contained herein.

Customer: Clearbrook Elementary
Signature: [signature]
Print Name: Karen W. Puddleton
Title: Principal
Date: 12/23/13

Form 4.5.07

White - Office Yellow - Customer Pink - Technician

Fire & Life Safety America, Inc
1407 Mill Race Drive Salem, VA 24153
Tel: (540)378-6160 Fax: (540)378-6171

FIRE PROTECTION SYSTEM SUMMARY INSPECTION AND TESTING FORM

Date: 12-23-13 Work Order #: 224134

GENERAL INFORMATION

Site Name: Oak Grove Elem School Owner: Roanoke County Schools
Address: 5005 Grandin Rd Ext Address:
City: Roanoke State: VA City: State:

Last Inspection Date: 6-13 By: FLSA

This inspection is (check one): ☐ monthly ☐ bi-monthly ☐ quarterly ☒ semi-annual ☐ annual Report to: Dennis Eppersly

PART A EQUIPMENT AND ALARMS

1. Central station notified / alarms silenced N/A AM / PM Alarms restored N/A AM / PM
2. Fire Protection System(s) to be inspected (No., Size, Make, Model) (1) 2" Domestic wet system (1) 1" Domestic wet system (1) 1½" Domestic wet system.

PART B OWNER'S SECTION (to be answered by owner or occupant)

		Yes	N/A**	No*
1.	Is the property occupied?	✓		
2.	Has the occupancy classification or hazard of contents remained the same since the last inspection?	✓		
3.	Is the "fire protection system' in service?	✓		
4.	Has the "fire protection system" remained in service without modification or activation since last inspection?	✓		
5.	If "no" to 4, all changes to building or system(s) fully reviewed, documented and properly protected.	✓		
6.	Has the system been examined internally for obstructions where conditions exist that could cause obstructed piping? Date: N/A		✓	
7.	Has the system piping (dry, preaction, deluge) been checked for proper drainage and/or pitch?	✓		
8.	Is the "fire protection system" adequately protected from freezing?	✓		
9.	Have hazardous locations and materials been identified and safety instructions provided to the technician prior to performing the inspection?	✓		

PART C - TEST NOTIFICATIONS

	PRIOR TO START			UPON COMPLETION		
	Yes	No	Time	Yes	No	Time
Monitoring Entity/Central Station	N/A					
Building Management						
Building Occupant	✓		1:15	✓		
AHJ/FD						
Other (specify)						
Did alarm central station receive signal properly?						
Did alarm panel reset properly?						

PART D - INSPECTION PERFORMED (Copies Attached of Items Checked)

- ☒ Sprinkler System Form
- ☐ Dry Valve Trip Test Report
- ☐ Sprinkler Piping Condition Form
- ☐ Fire Pump Inspection Form
- ☐ _____
- ☐ Standpipe Inspection Form
- ☐ Hydrant Flow Test Form
- ☐ Fire Alarm Detection Form
- ☐ Deluge/Pre-Action Trip Test Report
- ☐ _____
- ☐ Water Storage Tanks Form
- ☐ Private Fire Service Mains Form
- ☐ Backflow Test Form
- ☐ Addendum to Report of Inspection

Fire & Life Safety America, Inc
1407 Mill Race Drive Salem, VA 24153
Tel:(540)378-6160 Fax:(540)378-6171

Fire Protection Systems Report of Inspections

Work Order #: _____ Date: 12-23-13

Site Name	Oak Grove Elem School	Owner	Roanoke County Schools
Address	5005 Brandin Rd Ext	Address	
City	Roanoke State VA	City	State
Zip	Phone	Zip	Phone

PART I INSPECTOR'S SECTION (all responses reference current inspection)	Yes	N/A	No
A. General			
1. Is the hydraulic data plate in place, permanently marked and securely attached?	✓		
2. Is the fire department connection(s) in satisfactory condition, couplings free, caps in place, check valves tight and accessible and visible?		✓	
3. Has the system check valve(s) been internally inspected within in the last 5 years? (Date [illegible])		✓	
4. Is the visible exterior of the system piping in good condition and free from damage? (Date checked 6-13)	✓		
5. Are visible hangers in place, securely attached and free of corrosion? (Date checked 6-13)	✓		
6. Are system gauges (water/air) in good condition and showing normal pressures?	✓	✓	
7. Were system gauges (water/air) checked against a calibrated gauge or replaced in the last 5 years? (Date _____)		✓	
B. Wet Systems			
1. Are areas protected by wet systems inside the property properly heated?	✓		
2. There is no leakage from drain pipes indicating problems with retard chambers, alarm drains or main drain?	✓		
3. Are inspection and flow test tags in place and filled out completely?	✓		
4. Was a flow test performed from inspector's test valve and did the alarms operate?	✓		
5. Are cold weather valves in the appropriate (open) / (closed) position?		✓	
6. Are antifreeze test results satisfactory?		✓	
Test Results: Solution Type _____ Freeze Point _____			
C. Dry Systems (see trip test report dated N/A)			
1. Are the air pressure and priming water level in accordance with the manufacturer's instructions?		✓	
2. Is the air (compressor) or nitrogen supply in service and operating properly?		✓	
3. Are quick-opening devices in service? (Semiannual test performed on _____)		✓	
4. Are air maintenance device(s) installed and operating properly?		✓	
5. Is the intermediate chamber free from leakage and the velocity check free & clear?		✓	
6. Were low points drained during this inspection? (Quantity Drained _____) (see Part III.J)		✓	
7. Did the heating equipment in the valve enclosure operate at the time of inspection?		✓	
D. Special Systems (Deluge—Preaction) (see trip test report dated N/A)			
1. Did detection devices test satisfactorily during this inspection?		✓	
2. Did the release/activation devices operate properly during detection testing?		✓	
3. Is the air pressure and priming water level for the preaction system in accordance with manufacturer's instructions?		✓	
E. Alarms (Wet, Dry, Preaction & Deluge)			
1. Are the alarm trim valves in the proper position, sealed and/or locked?	✓		
2. Did the water motor and gong/electrical alarms (pressure and water flow) operate properly during testing?		✓	
3. Did the central station/monitoring system receive all alarms?		✓	
4. Did the low/high air alarms for the system piping/detection operate properly?		✓	
5. Did tamper devices operate properly?	✓		
F. Sprinklers			
1. Is the proper clearance maintained between the top of the storage and sprinkler deflector?	✓		
2. Are all sprinklers free from corrosion, loading or obstruction to spray discharge?	✓		
3. Are standard sprinklers in service for less than 50 years / dated after 1920?	✓		
4. Are fast response sprinklers in service for less than 20 years?	✓		
5. Is a spare head cabinet with spare sprinklers and proper wrenches installed at system riser?	✓		
6. Are sprinklers near heating devices of proper temperature rating?	✓		
G. Control Valves (see item G.7)			
1. Are sprinkler system control valves in the appropriate position?	✓		
2. Were operating stems of all O.S.&Y. valves lubricated, completely closed and reopened? (Date N/A)		✓	
3. Were all control valves operated through full range and returned to normal position? (Date 12-23-13)	✓		
4. Are valves free from external leaks?	✓		
5. Are valves properly identified with signs?	✓		
6. Are pressure regulating control valves open, not leaking, maintaining downstream pressure and free from physical damage? (Date tested _____)		✓	

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FIRE PROTECTION SYSTEM SUMMARY INSPECTION AND TESTING FORM

Date: 12-20-13 Work Order #: 224134

GENERAL INFORMATION

Site Name: Backcreek School Owner:
Address: Address:
City: Roanoke State: VA City: State:

Last Inspection Date: 2012 By: FLSA

This inspection is (check one): ☐ monthly ☐ bi-monthly ☐ quarterly ☐ semi-annual ☒ annual Report to:

PART A EQUIPMENT AND ALARMS

1. Central station notified / alarms silenced 12:15 AM / (PM) Alarms restored 1:15 AM / (PM)
2. Fire Protection System(s) to be inspected (No., Size, Make, Model) 750 gpm, 4" FIRE MATIC w/T. Simplex 4010

PART B OWNER'S SECTION (to be answered by owner or occupant)

		Yes	N/A**	No*
1.	Is the property occupied?	✓		
2.	Has the occupancy classification or hazard of contents remained the same since the last inspection?	✓		
3.	Is the "fire protection system" in service?	✓		
4.	Has the "fire protection system" remained in service without modification or activation since last inspection?	✓		
5.	If "no" to 4, all changes to building or system(s) fully reviewed, documented and properly protected.	✓		
6.	Has the system been examined internally for obstructions where conditions exist that could cause obstructed piping? Date: 2009	✓		
7.	Has the system piping (dry, preaction, deluge) been checked for proper drainage and/or pitch?		✓	
8.	Is the "fire protection system" adequately protected from freezing?	✓		
9.	Have hazardous locations and materials been identified and safety instructions provided to the technician prior to performing the inspection?	✓		

PART C - TEST NOTIFICATIONS

	PRIOR TO START			UPON COMPLETION		
	Yes	No	Time	Yes	No	Time
Monitoring Entity/Central Station	✓		12:15	✓		1:00
Building Management	✓		12:10	✓		
Building Occupant	✓		12:10	✓		
AHJ/FD						
Other (specify)						
Did alarm central station receive signal properly?	✓		1:00	✓		
Did alarm panel reset properly?	✓		1:00	✓		

PART D - INSPECTION PERFORMED (Copies Attached of Items Checked)

- ☒ Sprinkler System Form
- ☐ Dry Valve Trip Test Report
- ☐ Sprinkler Piping Condition Form
- ☐ Fire Pump Inspection Form
- ☐ _____
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- ☐ Hydrant Flow Test Form
- ☐ Fire Alarm Detection Form
- ☐ Deluge/Pre-Action Trip Test Report
- ☐ _____
- ☐ Water Storage Tanks Form
- ☐ Private Fire Service Mains Form
- ☐ Backflow Test Form
- ☐ Addendum to Report of Inspection