SYSTEM RECORD OF COMPLETION

Form Completion Date: 3/27/15 Supplemental Pages Attached: 1

1. PROPERTY INFORMATION

Name of property:

Address: 118 Congress St Portland, ME

Description of property: Condominiums/Retail

Name of property representative: n/a

Address: n/a

Phone: n/a Fax: n/a E-mail: n/a

2. INSTALLATION, SERVICE, TESTING, AND MONITORING INFORMATION

Installation contractor: L & B Electric

Address: 28 Capital Ave. Lisbon Falls, ME 04252

Phone: 207-353-5521 Fax: n/a E-mail: n/a

Service organization: Norris Inc

Address: 2257 West Broadway South Portland, ME 04101

Phone: 800-370-3473 Fax: n/a E-mail: www.norrisinc.com

Testing organization: n/a

Address: n/a

Phone: n/a Fax: n/a E-mail: n/a

Effective date for test and inspection contract: n/a

Monitoring organization: n/a

Address: n/a

Phone: n/a Fax: n/a E-mail: n/a

Account number: n/a Phone line 1: n/a Phone line 2: n/a

Means of transmission: n/a

Entity to which alarms are retransmitted: n/a Phone: n/a

3. DOCUMENTATION

On-site location of the required record documents and site-specific software: Document Box

4. DESCRIPTION OF SYSTEM OR SERVICE

This is a: ☒ New system ☐ Modification to existing system Permit number: n/a

NFPA 72 edition: 2013

4.1 Control Unit

Manufacturer: Notifier Model number: NFW2-100

4.2 Software and Firmware

Firmware revision number: 7

4.3 Alarm Verification

☒ This system does not incorporate alarm verification.

Number of devices subject to alarm verification: n/a Alarm verification set for n/a seconds

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5. SYSTEM POWER

5.1 Control Unit

5.1.1 Primary Power

Input voltage of control panel: 120 VAC

Control panel amps: 3

Overcurrent protection: Type: Circuit Breaker

Amps: 20

Branch circuit disconnecting means location: HP-1 (sec 1)

Number: 14

5.1.2 Secondary Power

Type of secondary power: Sealed Lead Acid Batteries

Location, if remote from the plant: n/a

Calculated capacity of secondary power to drive the system:

In standby mode (hours): 24

In alarm mode (minutes): 5

5.2 Control Unit

☒ This system does not have power extender panels

☐ Power extender panels are listed on supplementary sheet A

6. CIRCUITS AND PATHWAYS

Pathway Type	Dual Media Pathway	Separate Pathway	Class	Survivability Level
Signaling Line	1	n/a	A	n/a
Device Power	1	n/a	B	n/a
Initiating Device	n/a	n/a	n/a	n/a
Notification Appliance	8	n/a	B	n/a
Other (specify): n/a	n/a	n/a	n/a	n/a

7. REMOTE ANNUNCIATORS

Type	Location
LCD	Main Entry
n/a	n/a

8. INITIATING DEVICES

Type	Quantity	Addressable or Conventional	Alarm or Supervisory	Sensing Technology
Manual Pull Stations	11	Addressable	Alarm	n/a
Smoke Detectors	20	Addressable	Alarm	Photoelectric
Duct Smoke Detectors	2	Addressable	Supervisory	Photoelectric
Heat Detectors	1	Addressable	Alarm	Thermal
Gas Detectors	4	Conventional	Supervisory	n/a
Waterflow Switches	6	Conventional	Alarm	n/a
Tamper Switches	12	Conventional	Supervisory	n/a

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9. NOTIFICATION APPLIANCES

Type	Quantity	Description
Audible	n/a	n/a
Visible	36	Strobes
Combination Audible and Visible	65	Horn strobes

10. SYSTEM CONTROL FUNCTIONS

Type	Quantity
Hold-Open Door Releasing Devices	n/a
HVAC Shutdown	2
Fire/Smoke Dampers	n/a
Door Unlocking	n/a
Elevator Recall	1
Elevator Shunt Trip	1

11. INTERCONNECTED SYSTEMS

☒ This system does not have interconnected systems.

☐ Interconnected systems are listed on supplementary sheet n/a .

12. CERTIFICATION AND APPROVALS

12.1 System Installation Contractor

This system as specified herein has been installed according to all NFPA standards cited herein.

Signed: _____ Printed name: _____ Date: _____

Organization: _____ Title: _____ Phone: _____

12.2 System Operational Test

This system as specified herein has tested according to all NFPA standards cited herein.

Signed: _____ Printed name: Wade Morin Date: 3/27/15

Organization: Norris, Inc Title: Technician Phone: 800-370-3473

12.3 Acceptance Test

Date and time of acceptance test: n/a

Installing contractor representative: n/a

Testing contractor representative: n/a

Property representative: n/a

AHJ representative: n/a

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NOTIFICATION APPLIANCE POWER PANEL
SUPPLEMENTARY RECORD OF COMPLETION

Form Completion Date: 3/27/15 Number of Supplemental Pages Attached: 1

1. PROPERTY INFORMATION

Name of property: 118 on Munjoy

Address: 118 Congress St Portland, ME

2. NOTIFICATION APPLIANCE POWER EXTENDER PANELS

Make and Model	Location	Area Served	Power Source
Notifier FCPS-24S8	Above Fire Panel	2nd & 3rd Floors	HP-1 (sec 1)
Notifier FCPS-24S8	Above Fire Panel	3rd & 4th Floors	HP-1 (sec 1)

See Main System Record of Completion for additional information, certifications, and approvals.

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CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR ABOVEGROUND PIPING

PROCEDURE

Upon completion of work, inspection and tests shall be made by the contractor's representative and witnessed by an owner's representative. All defects shall be corrected and system left in service before contractor's personnel finally leave the job.

A certificate shall be filled out and signed by both representatives. Copies shall be prepared for approving authorities, owners and contractor. It is understood the owner's representative's signature in no way prejudices any claim against contractor for faulty material, poor workmanship, or failure to comply with approving authority's requirements or local ordinances.

PROPERTY NAME: 118 MONSON HALL GROUND FLOOR "WEST" — DATE: 4-1-15

PROPERTY ADDRESS: 118 COUGHLIN ST, PORTLAND, ME

PLANS

ACCEPTED BY APPROVING AUTHORITY('S) NAMES: SCOTT PERRY MARSHAL

ADDRESS: 45 COMMERCE DRIVE, SUITE 1, AUGUSTA, ME

INSTALLATION CONFORMS TO ACCEPTED PLANS — ☑ YES ☐ NO

EQUIPMENT USED IS APPROVED — ☑ YES ☐ NO

IF NO, EXPLAIN DEVIATIONS

INSTRUCTIONS

HAS PERSON IN CHARGE OF FIRE EQUIPMENT BEEN INSTRUCTED AS TO LOCATION OF CONTROL VALVES AND CARE AND MAINTENANCE OF THIS NEW EQUIPMENT — ☑ YES ☐ NO

IF NO, EXPLAIN

HAVE COPIES OF APPROPRIATE INSTRUCTIONS AND CARE AND MAINTENANCE CHARTS AND NFPA 13A BEEN LEFT ON PREMISES — ☑ YES ☐ NO

IF NO, EXPLAIN

LOCATION OF SYSTEM

SUPPLIES BLDGS. GROUND FLOOR RETAIL

SPRINKLERS

MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING
TYCO	TY-FRB UP	2014	1/2	27	200°
TYCO	TY3251	2014	1/2	4	200°
TYCO	TY-FRB UP	2014	1/2	3	200°

PIPE AND FITTINGS

PIPE CONFORMS TO NFPA 13 STANDARD — ☐ YES ☐ NO

FITTINGS CONFORM TO NFPA 13 STANDARD — ☐ YES ☐ NO

IF NO, EXPLAIN

ALARM VALVE OR FLOW INDICATOR

ALARM DEVICE			MAXIMUM TIME TO OPERATE THROUGH TEST PIPE	
TYPE	MAKE	MODEL	MIN.	SEC.
FLOW SWITCH	POTTER	VSR		32

DRY PIPE OPERATING TEST

DRY VALVE			Q.O.D.		
MAKE	MODEL	SERIAL NO.	MAKE	MODEL	SERIAL NO.

	TIME TO TRIP THRU TEST PIPE		WATER PRESSURE	AIR PRESSURE	TRIP POINT AIR PRESSURE	TIME WATER REACHED TEST OUTLET		ALARM OPERATED PROPERLY	
	MIN.	SEC.	PSI	PSI	PSI	MIN.	SEC.	YES	NO
Without Q.O.D.									
With Q.O.D.									

IF NO, EXPLAIN

FP-100

(OVER)

DELUGE & PREACTION VALVES

OPERATION ☐ PNEUMATIC ☐ ELECTRIC ☐ HYDRAULIC

PIPING SUPERVISED ☐ YES ☐ NO | DETECTING MEDIA SUPERVISED ☐ YES ☐ NO

DOES VALVE OPERATE FROM THE MANUAL TRIP AND/OR REMOTE CONTROL STATIONS ☐ YES ☐ NO

IS THERE AN ACCESSIBLE FACILITY IN EACH CIRCUIT FOR TESTING ☐ YES ☐ NO | IF NO, EXPLAIN

MAKE	MODEL	DOES EACH CIRCUIT OPERATE SUPERVISION LOSS ALARM		DOES EACH CIRCUIT OPERATE VALVE RELEASE		MAXIMUM TIME TO OPERATE RELEASE	
		YES	NO	YES	NO	MIN.	SEC.

TEST DESCRIPTION

HYDROSTATIC Hydrostatic tests shall be made at not less than 200 psi (13.6 bars) for two hours or 50 psi (3.4 bars) above static pressure in excess of 150 psi (10.2 bars) for two hours. Differential dry-pipe valve clappers shall be left open during test to prevent damage. All aboveground piping leakage shall be stopped.
FLUSHING. Flow the required rate until water is clear as indicated by no collection of foreign material in burlap bags at outlets such as hydrants and blow-offs. Flush at flows not less than 400 GPM (1514 L/min) for 4-inch pipe, 600 GPM (2271 L/min) for 5-inch pipe, 750 GPM (2839 L/min) for 6-inch pipe, 1000 GPM (3785 L/min) for 8-inch pipe, 1500 GPM (5678 L/min) for 10-inch pipe and 2000 GPM (7570 L/min) for 12-inch pipe. When supply cannot produce stipulated flow rates, obtain maximum available.
PNEUMATIC. Establish 40 psi (2.7 bars) air pressure and measure drop which shall not exceed 1-½ psi (0.1 bars) in 24 hours. Test pressure tanks at normal water level and air pressure and measure air pressure drop which shall not exceed 1-½ psi (0.1 bars) in 24 hours.

TESTS

ALL PIPING HYDROSTATICALLY TESTED AT 200 PSI FOR 2 HRS. | IF NO, STATE REASON

DRY PIPING PNEUMATICALLY TESTED ☐ YES ☐ NO

EQUIPMENT OPERATES PROPERLY ☐ YES ☐ NO

DRAIN TEST — READING OF GAGE LOCATED NEAR WATER SUPPLY TEST PIPE: STATIC PRESSURE: 43 PSI | RESIDUAL PRESSURE WITH VALVE IN TEST PIPE OPEN WIDE: 36 PSI 2" drain pipe

Underground mains and lead in connections to system risers flushed before connection made to sprinkler piping.

VERIFIED BY COPY OF THE U FORM NO. 85B ☐ YES ☑ NO | OTHER EXPLAIN: UNDERGROUND ENTERED & FLUSHED BY OTHERS

FLUSHED BY INSTALLER OF UNDERGROUND SPRINKLER PIPING ☑ YES ☐ NO

BLANK TESTING GASKETS

NUMBER USED	LOCATIONS	NUMBER REMOVED
0		

WELDING

WELDED PIPING ☑ YES ☐ NO

IF YES . . .

DO YOU CERTIFY AS THE SPRINKLER CONTRACTOR THAT WELDING PROCEDURES COMPLY WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3 ☑ YES ☐ NO

DO YOU CERTIFY THAT THE WELDING WAS PERFORMED BY WELDERS QUALIFIED IN COMPLIANCE WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3 ☑ YES ☐ NO

DO YOU CERTIFY THAT WELDING WAS CARRIED OUT IN COMPLIANCE WITH A DOCUMENTED QUALITY CONTROL PROCEDURE TO INSURE THAT ALL DISCS ARE RETRIEVED, THAT OPENINGS IN PIPING ARE SMOOTH, THAT SLAG AND OTHER WELDING RESIDUE ARE REMOVED, AND THAT THE INTERNAL DIAMETERS OF PIPING ARE NOT PENETRATED ☑ YES ☐ NO

HYDRAULIC DATA NAMEPLATE

NAMEPLATE PROVIDED ☑ YES ☐ NO | IF NO, EXPLAIN

REMARKS

DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN:

4-1-15

SIGNATURES

NAME OF SPRINKLER CONTRACTOR: BASTOGNE FIRE PROTECTION

TESTS WITNESSED BY

FOR PROPERTY OWNER (SIGNED)	TITLE	DATE

FOR SPRINKLER CONTRACTOR (SIGNED)	TITLE	DATE
Jose Bonilla	Foreman	4-1-15

ADDITIONAL EXPLANATION AND NOTES

CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR ABOVEGROUND PIPING

PROCEDURE

Upon completion of work, inspection and tests shall be made by the contractor's representative and witnessed by an owner's representative. All defects shall be corrected and system left in service before contractor's personnel finally leave the job.

A certificate shall be filled out and signed by both representatives. Copies shall be prepared for approving authorities, owners and contractor. It is understood the owner's representative's signature in no way prejudices any claim against contractor for faulty material, poor workmanship, or failure to comply with approving authority's requirements or local ordinances.

PROPERTY NAME: 118 MONUMENT HILL GROUND FLOOR "DRY" — DATE: 4-1-15

PROPERTY ADDRESS: 118 CONGRESS ST, PORTLAND, ME

PLANS

ACCEPTED BY APPROVING AUTHORITY('S) NAMES: STATE FIRE MARSHAL

ADDRESS: 45 COMMERCE DRIVE, SUITE 1, AUGUSTA, ME

INSTALLATION CONFORMS TO ACCEPTED PLANS — ☑ YES ☐ NO

EQUIPMENT USED IS APPROVED — ☑ YES ☐ NO

IF NO, EXPLAIN DEVIATIONS

INSTRUCTIONS

HAS PERSON IN CHARGE OF FIRE EQUIPMENT BEEN INSTRUCTED AS TO LOCATION OF CONTROL VALVES AND CARE AND MAINTENANCE OF THIS NEW EQUIPMENT — ☑ YES ☐ NO

IF NO, EXPLAIN

HAVE COPIES OF APPROPRIATE INSTRUCTIONS AND CARE AND MAINTENANCE CHARTS AND NFPA 13A BEEN LEFT ON PREMISES — ☑ YES ☐ NO

IF NO, EXPLAIN

LOCATION OF SYSTEM

SUPPLIES BLDGS: GROUND FLOOR GARAGE

SPRINKLERS

MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING
TYCO	TY-FRB UP	2014	1/2	69	200
TYCO	TY-FRB HSW	2014	1/2	3	200

PIPE AND FITTINGS

PIPE CONFORMS TO NFPA 13 STANDARD — ☐ YES ☐ NO

FITTINGS CONFORM TO NFPA 13 STANDARD — ☐ YES ☐ NO

IF NO, EXPLAIN

ALARM VALVE OR FLOW INDICATOR

ALARM DEVICE			MAXIMUM TIME TO OPERATE THROUGH TEST PIPE	
TYPE	MAKE	MODEL	MIN.	SEC.

DRY PIPE OPERATING TEST

DRY VALVE			Q.O.D.		
MAKE	MODEL	SERIAL NO.	MAKE	MODEL	SERIAL NO.
TYCO	DV-1				

	TIME TO TRIP THRU TEST PIPE		WATER PRESSURE	AIR PRESSURE	TRIP POINT AIR PRESSURE	TIME WATER REACHED TEST OUTLET		ALARM OPERATED PROPERLY	
	MIN.	SEC.	PSI	PSI	PSI	MIN.	SEC.	YES	NO
Without Q.O.D.		14	43	37	11		34	✓	
With Q.O.D.									

IF NO, EXPLAIN

(OVER)

DELUGE & PREACTION VALVES

OPERATION ☐ PNEUMATIC ☐ ELECTRIC ☐ HYDRAULIC

PIPING SUPERVISED ☐ YES ☐ NO | DETECTING MEDIA SUPERVISED ☐ YES ☐ NO

DOES VALVE OPERATE FROM THE MANUAL TRIP AND/OR REMOTE CONTROL STATIONS ☐ YES ☐ NO

IS THERE AN ACCESSIBLE FACILITY IN EACH CIRCUIT FOR TESTING ☐ YES ☐ NO | IF NO, EXPLAIN

MAKE	MODEL	DOES EACH CIRCUIT OPERATE SUPERVISION LOSS ALARM		DOES EACH CIRCUIT OPERATE VALVE RELEASE		MAXIMUM TIME TO OPERATE RELEASE	
		YES	NO	YES	NO	MIN.	SEC.

TEST DESCRIPTION

HYDROSTATIC Hydrostatic tests shall be made at not less than 200 psi (13.6 bars) for two hours or 50 psi (3.4 bars) above static pressure in excess of 150 psi (10.2 bars) for two hours. Differential dry-pipe valve clappers shall be left open during test to prevent damage. All aboveground piping leakage shall be stopped.

FLUSHING Flow the required rate until water is clear as indicated by no collection of foreign material in burlap bags at outlets such as hydrants and blow-offs. Flush at flows not less than 400 GPM (1514 L/min) for 4-inch pipe, 600 GPM (2271 L/min) for 5-inch pipe, 750 GPM (2839 L/min) for 6-inch pipe, 1000 GPM (3785 L/min) for 8-inch pipe, 1500 GPM (5678 L/min) for 10-inch pipe and 2000 GPM (7570 L/min) for 12-inch pipe. When supply cannot produce stipulated flow rates, obtain maximum available.

PNEUMATIC Establish 40 psi (2.7 bars) air pressure and measure drop which shall not exceed 1-½ psi (0.1 bars) in 24 hours. Test pressure tanks at normal water level and air pressure and measure air pressure drop which shall not exceed 1-½ psi (0.1 bars) in 24 hours.

TESTS

ALL PIPING HYDROSTATICALLY TESTED AT 200 PSI FOR 2 HRS. | IF NO, STATE REASON

DRY PIPING PNEUMATICALLY TESTED ☑ YES ☐ NO

EQUIPMENT OPERATES PROPERLY ☐ YES ☐ NO

DRAIN TEST: READING OF GAGE LOCATED NEAR WATER SUPPLY TEST PIPE: STATIC PRESSURE: 45 PSI | RESIDUAL PRESSURE WITH VALVE IN TEST PIPE OPEN WIDE: 26 PSI 2" PIPE

Underground mains and lead in connections to system risers flushed before connection made to sprinkler piping.

VERIFIED BY COPY OF THE U FORM NO. 85B ☐ YES ☑ NO | OTHER EXPLAIN: UNDERGROUND INSTALLED & FLUSHED BY OTHERS

FLUSHED BY INSTALLER OF UNDERGROUND SPRINKLER PIPING ☑ YES ☐ NO

BLANK TESTING GASKETS

NUMBER USED	LOCATIONS	NUMBER REMOVED
0		

WELDING

WELDED PIPING ☑ YES ☐ NO

IF YES . . .

DO YOU CERTIFY AS THE SPRINKLER CONTRACTOR THAT WELDING PROCEDURES COMPLY WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3 ☑ YES ☐ NO

DO YOU CERTIFY THAT THE WELDING WAS PERFORMED BY WELDERS QUALIFIED IN COMPLIANCE WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3 ☑ YES ☐ NO

DO YOU CERTIFY THAT WELDING WAS CARRIED OUT IN COMPLIANCE WITH A DOCUMENTED QUALITY CONTROL PROCEDURE TO INSURE THAT ALL DISCS ARE RETRIEVED, THAT OPENINGS IN PIPING ARE SMOOTH, THAT SLAG AND OTHER WELDING RESIDUE ARE REMOVED, AND THAT THE INTERNAL DIAMETERS OF PIPING ARE NOT PENETRATED ☑ YES ☐ NO

HYDRAULIC DATA NAMEPLATE

NAMEPLATE PROVIDED ☑ YES ☐ NO | IF NO, EXPLAIN

REMARKS

DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN:

4-1-15

SIGNATURES

NAME OF SPRINKLER CONTRACTOR: BOSTON FIRE PROTECTION

TESTS WITNESSED BY

FOR PROPERTY OWNER (SIGNED)	TITLE	DATE

FOR SPRINKLER CONTRACTOR (SIGNED)	TITLE	DATE
Jon Brady	Foreman	4-1-15

ADDITIONAL EXPLANATION AND NOTES

CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR ABOVEGROUND PIPING

PROCEDURE

Upon completion of work, inspection and tests shall be made by the contractor's representative and witnessed by an owner's representative. All defects shall be corrected and system left in service before contractor's personnel finally leave the job.

A certificate shall be filled out and signed by both representatives. Copies shall be prepared for approving authorities, owners and contractor. It is understood the owner's representative's signature in no way prejudices any claim against contractor for faulty material, poor workmanship, or failure to comply with approving authority's requirements or local ordinances.

PROPERTY NAME: 118 MONJOY HALL SECOND FLOOR. DATE: 4-1-15

PROPERTY ADDRESS: 118 CONGRESS ST, PORTLAND, ME

PLANS

ACCEPTED BY APPROVING AUTHORITY('S) NAMES: STATE FIRE MARSHAL

ADDRESS: 45 COMMERCE DRIVE, SUITE 2, AUGUSTA, ME

INSTALLATION CONFORMS TO ACCEPTED PLANS ☑ YES ☐ NO

EQUIPMENT USED IS APPROVED ☑ YES ☐ NO

IF NO, EXPLAIN DEVIATIONS

INSTRUCTIONS

HAS PERSON IN CHARGE OF FIRE EQUIPMENT BEEN INSTRUCTED AS TO LOCATION OF CONTROL VALVES AND CARE AND MAINTENANCE OF THIS NEW EQUIPMENT ☑ YES ☐ NO

IF NO, EXPLAIN

HAVE COPIES OF APPROPRIATE INSTRUCTIONS AND CARE AND MAINTENANCE CHARTS AND NFPA 13A BEEN LEFT ON PREMISES ☑ YES ☐ NO

IF NO, EXPLAIN

LOCATION OF SYSTEM

SUPPLIES BLDGS. SECOND FLOOR

SPRINKLERS

MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING
TYCO	CFIT	2014	1/2	85	155
TYCO	TY-FRB UP	2014	1/2	5	200
TYCO	DS-1	2014	1/2	4	200°

PIPE AND FITTINGS

PIPE CONFORMS TO NFPA 13 STANDARD ☐ YES ☐ NO

FITTINGS CONFORM TO NFPA 13 STANDARD ☐ YES ☐ NO

IF NO, EXPLAIN

ALARM VALVE OR FLOW INDICATOR

ALARM DEVICE			MAXIMUM TIME TO OPERATE THROUGH TEST PIPE	
TYPE	MAKE	MODEL	MIN.	SEC.
FLOW SWITCH	POTTER	VSR		28

DRY PIPE OPERATING TEST

DRY VALVE			Q.O.D.		
MAKE	MODEL	SERIAL NO.	MAKE	MODEL	SERIAL NO.

	TIME TO TRIP THRU TEST PIPE		WATER PRESSURE	AIR PRESSURE	TRIP POINT AIR PRESSURE	TIME WATER REACHED TEST OUTLET		ALARM OPERATED PROPERLY	
	MIN.	SEC.	PSI	PSI	PSI	MIN.	SEC.	YES	NO
Without Q.O.D.									
With Q.O.D.									

IF NO, EXPLAIN

DELUGE & PREACTION VALVES

OPERATION ☐ PNEUMATIC ☐ ELECTRIC ☐ HYDRAULIC

PIPING SUPERVISED ☐ YES ☐ NO | DETECTING MEDIA SUPERVISED ☐ YES ☐ NO

DOES VALVE OPERATE FROM THE MANUAL TRIP AND/OR REMOTE CONTROL STATIONS ☐ YES ☐ NO

IS THERE AN ACCESSIBLE FACILITY IN EACH CIRCUIT FOR TESTING ☐ YES ☐ NO | IF NO, EXPLAIN

MAKE	MODEL	DOES EACH CIRCUIT OPERATE SUPERVISION LOSS ALARM		DOES EACH CIRCUIT OPERATE VALVE RELEASE		MAXIMUM TIME TO OPERATE RELEASE	
		YES	NO	YES	NO	MIN.	SEC.

TEST DESCRIPTION

HYDROSTATIC: Hydrostatic tests shall be made at not less than 200 psi (13.6 bars) for two hours or 50 psi (3.4 bars) above static pressure in excess of 150 psi (10.2 bars) for two hours. Differential dry-pipe valve clappers shall be left open during test to prevent damage. All aboveground piping leakage shall be stopped.
FLUSHING: Flow the required rate until water is clear as indicated by no collection of foreign material in burlap bags at outlets such as hydrants and blow-offs. Flush at flows not less than 400 GPM (1514 L/min) for 4-inch pipe, 600 GPM (2271 L/min) for 5-inch pipe, 750 GPM (2839 L/min) for 6-inch pipe, 1000 GPM (3785 L/min) for 8-inch pipe, 1500 GPM (5678 L/min) for 10-inch pipe and 2000 GPM (7570 L/min) for 12-inch pipe. When supply cannot produce stipulated flow rates, obtain maximum available.
PNEUMATIC: Establish 40 psi (2.7 bars) air pressure and measure drop which shall not exceed 1-½ psi (0.1 bars) in 24 hours. Test pressure tanks at normal water level and air pressure and measure air pressure drop which shall not exceed 1-½ psi (0.1 bars) in 24 hours.

TESTS

ALL PIPING HYDROSTATICALLY TESTED AT 200 PSI FOR 2 HRS. | IF NO, STATE REASON

DRY PIPING PNEUMATICALLY TESTED ☐ YES ☐ NO

EQUIPMENT OPERATES PROPERLY ☐ YES ☐ NO

DRAIN TEST — READING OF GAGE LOCATED NEAR WATER SUPPLY TEST PIPE: STATIC PRESSURE: 82 PSI | RESIDUAL PRESSURE WITH VALVE IN TEST PIPE OPEN WIDE: 29 PSI 1¼ pipe

Underground mains and lead in connections to system risers flushed before connection made to sprinkler piping.

VERIFIED BY COPY OF THE U FORM NO. 858 ☐ YES ☑ NO | OTHER EXPLAIN: UNDERGROUND INSTALLED & FLUSHED BY OTHERS

FLUSHED BY INSTALLER OF UNDERGROUND SPRINKLER PIPING ☑ YES ☐ NO

BLANK TESTING GASKETS

NUMBER USED	LOCATIONS	NUMBER REMOVED
0		

WELDING

WELDED PIPING ☑ YES ☐ NO

IF YES . . .

DO YOU CERTIFY AS THE SPRINKLER CONTRACTOR THAT WELDING PROCEDURES COMPLY WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3 ☑ YES ☐ NO

DO YOU CERTIFY THAT THE WELDING WAS PERFORMED BY WELDERS QUALIFIED IN COMPLIANCE WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3 ☑ YES ☐ NO

DO YOU CERTIFY THAT WELDING WAS CARRIED OUT IN COMPLIANCE WITH A DOCUMENTED QUALITY CONTROL PROCEDURE TO INSURE THAT ALL DISCS ARE RETRIEVED, THAT OPENINGS IN PIPING ARE SMOOTH, THAT SLAG AND OTHER WELDING RESIDUE ARE REMOVED, AND THAT THE INTERNAL DIAMETERS OF PIPING ARE NOT PENETRATED ☑ YES ☐ NO

HYDRAULIC DATA NAMEPLATE

NAMEPLATE PROVIDED ☐ YES ☑ NO | IF NO, EXPLAIN: CAGE PLACARD SAME AS FOURTH FLOOR.

REMARKS

DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN: 4-1-15

SIGNATURES

NAME OF SPRINKLER CONTRACTOR: BASTON FIRE PROTECTION

TESTS WITNESSED BY

FOR PROPERTY OWNER (SIGNED)	TITLE	DATE

FOR SPRINKLER CONTRACTOR (SIGNED)	TITLE	DATE
Jesse Bonilla	Foreman	4-1-15

ADDITIONAL EXPLANATION AND NOTES

CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR ABOVEGROUND PIPING

PROCEDURE

Upon completion of work, inspection and tests shall be made by the contractor's representative and witnessed by an owner's representative. All defects shall be corrected and system left in service before contractor's personnel finally leave the job.

A certificate shall be filled out and signed by both representatives. Copies shall be prepared for approving authorities, owners and contractor. It is understood the owner's representative's signature in no way prejudices any claim against contractor for faulty material, poor workmanship, or failure to comply with approving authority's requirements or local ordinances.

PROPERTY NAME: 118 MONSON HALL — THEN FLOOR. DATE: 4-1-15

PROPERTY ADDRESS: 118 CONGRESS ST, PORTLAND, ME

PLANS

ACCEPTED BY APPROVING AUTHORITY('S) NAMES: SCOTT PERRY MARSHAL

ADDRESS: 45 COMMERCE DRIVE, SUITE 1, AUGUSTA, ME

INSTALLATION CONFORMS TO ACCEPTED PLANS — ☑ YES ☐ NO

EQUIPMENT USED IS APPROVED — ☑ YES ☐ NO

IF NO, EXPLAIN DEVIATIONS

INSTRUCTIONS

HAS PERSON IN CHARGE OF FIRE EQUIPMENT BEEN INSTRUCTED AS TO LOCATION OF CONTROL VALVES AND CARE AND MAINTENANCE OF THIS NEW EQUIPMENT — ☑ YES ☐ NO

IF NO, EXPLAIN

HAVE COPIES OF APPROPRIATE INSTRUCTIONS AND CARE AND MAINTENANCE CHARTS AND NFPA 13A BEEN LEFT ON PREMISES — ☑ YES ☐ NO

IF NO, EXPLAIN

LOCATION OF SYSTEM

SUPPLIES BLDGS. THEN FLOOR.

SPRINKLERS

MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING
TYCO	CPVC	2014	1/2	85	155
TYCO	TY-FRB QR	2014	1/2	5	200
TYCO	QS-1	2014	1/2	4	200

PIPE AND FITTINGS

PIPE CONFORMS TO NFPA 13 STANDARD — ☐ YES ☐ NO

FITTINGS CONFORM TO NFPA 13 STANDARD — ☐ YES ☐ NO

IF NO, EXPLAIN

ALARM VALVE OR FLOW INDICATOR

ALARM DEVICE			MAXIMUM TIME TO OPERATE THROUGH TEST PIPE	
TYPE	MAKE	MODEL	MIN.	SEC.
FLOW SWITCH	POTTER	VSR		28

DRY PIPE OPERATING TEST

DRY VALVE			Q.O.D.		
MAKE	MODEL	SERIAL NO.	MAKE	MODEL	SERIAL NO.

	TIME TO TRIP THRU TEST PIPE		WATER PRESSURE	AIR PRESSURE	TRIP POINT AIR PRESSURE	TIME WATER REACHED TEST OUTLET		ALARM OPERATED PROPERLY	
	MIN.	SEC.	PSI	PSI	PSI	MIN.	SEC.	YES	NO
Without Q.O.D.									
With Q.O.D.									

IF NO, EXPLAIN

DELUGE & PREACTION VALVES

OPERATION ☐ PNEUMATIC ☐ ELECTRIC ☐ HYDRAULIC

PIPING SUPERVISED ☐ YES ☐ NO | DETECTING MEDIA SUPERVISED ☐ YES ☐ NO

DOES VALVE OPERATE FROM THE MANUAL TRIP AND/OR REMOTE CONTROL STATIONS ☐ YES ☐ NO

IS THERE AN ACCESSIBLE FACILITY IN EACH CIRCUIT FOR TESTING ☐ YES ☐ NO | IF NO, EXPLAIN

MAKE	MODEL	DOES EACH CIRCUIT OPERATE SUPERVISION LOSS ALARM		DOES EACH CIRCUIT OPERATE VALVE RELEASE		MAXIMUM TIME TO OPERATE RELEASE	
		YES	NO	YES	NO	MIN.	SEC.

TEST DESCRIPTION

HYDROSTATIC: Hydrostatic tests shall be made at not less than 200 psi (13.6 bars) for two hours or 50 psi (3.4 bars) above static pressure in excess of 150 psi (10.2 bars) for two hours. Differential dry-pipe valve clappers shall be left open during test to prevent damage. All aboveground piping leakage shall be stopped.
FLUSHING: Flow the required rate until water is clear as indicated by no collection of foreign material in burlap bags at outlets such as hydrants and blow-offs. Flush at flows not less than 400 GPM (1514 L/min) for 4-inch pipe, 600 GPM (2271 L/min) for 5-inch pipe, 750 GPM (2839 L/min) for 6-inch pipe, 1000 GPM (3785 L/min) for 8-inch pipe, 1500 GPM (5678 L/min) for 10-inch pipe and 2000 GPM (7570 L/min) for 12-inch pipe. When supply cannot produce stipulated flow rates, obtain maximum available.
PNEUMATIC: Establish 40 psi (2.7 bars) air pressure and measure drop which shall not exceed 1-½ psi (0.1 bars) in 24 hours. Test pressure tanks at normal water level and air pressure and measure air pressure drop which shall not exceed 1-½ psi (0.1 bars) in 24 hours.

TESTS

ALL PIPING HYDROSTATICALLY TESTED AT 200 PSI FOR 2 HRS. | IF NO, STATE REASON

DRY PIPING PNEUMATICALLY TESTED ☐ YES ☐ NO

EQUIPMENT OPERATES PROPERLY ☐ YES ☐ NO

DRAIN TEST — READING OF GAGE LOCATED NEAR WATER SUPPLY TEST PIPE: STATIC PRESSURE: 28 PSI | RESIDUAL PRESSURE WITH VALVE IN TEST PIPE OPEN WIDE: 20 PSI

Underground mains and lead in connections to system risers flushed before connection made to sprinkler piping.

VERIFIED BY COPY OF THE U FORM NO. 85B ☐ YES ☑ NO | OTHER EXPLAIN: UNDERGROUND INSTALLED & FLUSHED BY OTHERS

FLUSHED BY INSTALLER OF UNDERGROUND SPRINKLER PIPING ☑ YES ☐ NO

BLANK TESTING GASKETS

NUMBER USED	LOCATIONS	NUMBER REMOVED
0		

WELDING

WELDED PIPING ☑ YES ☐ NO

IF YES . . .

DO YOU CERTIFY AS THE SPRINKLER CONTRACTOR THAT WELDING PROCEDURES COMPLY WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3 ☑ YES ☐ NO

DO YOU CERTIFY THAT THE WELDING WAS PERFORMED BY WELDERS QUALIFIED IN COMPLIANCE WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3 ☑ YES ☐ NO

DO YOU CERTIFY THAT WELDING WAS CARRIED OUT IN COMPLIANCE WITH A DOCUMENTED QUALITY CONTROL PROCEDURE TO INSURE THAT ALL DISCS ARE RETRIEVED, THAT OPENINGS IN PIPING ARE SMOOTH, THAT SLAG AND OTHER WELDING RESIDUE ARE REMOVED, AND THAT THE INTERNAL DIAMETERS OF PIPING ARE NOT PENETRATED ☑ YES ☐ NO

HYDRAULIC DATA NAMEPLATE

NAMEPLATE PROVIDED ☐ YES ☑ NO | IF NO, EXPLAIN: CALC PLACED SAME AS FOURTH FLOOR

REMARKS

DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN: 4-1-15

SIGNATURES

NAME OF SPRINKLER CONTRACTOR: BOSTON FIRE PROTECTION

TESTS WITNESSED BY

FOR PROPERTY OWNER (SIGNED)	TITLE	DATE

FOR SPRINKLER CONTRACTOR (SIGNED)	TITLE	DATE
Jose Bonilla	Foreman	4-1-15

ADDITIONAL EXPLANATION AND NOTES

CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR ABOVEGROUND PIPING

PROCEDURE

Upon completion of work, inspection and tests shall be made by the contractor's representative and witnessed by an owner's representative. All defects shall be corrected and system left in service before contractor's personnel finally leave the job.

A certificate shall be filled out and signed by both representatives. Copies shall be prepared for approving authorities, owners and contractor. It is understood the owner's representative's signature in no way prejudices any claim against contractor for faulty material, poor workmanship, or failure to comply with approving authority's requirements or local ordinances.

PROPERTY NAME: 118 MONUMENT HILL FOURTH FLOOR. DATE: 4-1-15

PROPERTY ADDRESS: 118 CONGRESS ST, PORTLAND, ME

PLANS

ACCEPTED BY APPROVING AUTHORITY('S) NAMES: STATE FIRE MARSHAL

ADDRESS: 45 COMMERCE DRIVE, SUITE 1, AUGUSTA, ME

INSTALLATION CONFORMS TO ACCEPTED PLANS ☑ YES ☐ NO

EQUIPMENT USED IS APPROVED ☑ YES ☐ NO

IF NO, EXPLAIN DEVIATIONS

INSTRUCTIONS

HAS PERSON IN CHARGE OF FIRE EQUIPMENT BEEN INSTRUCTED AS TO LOCATION OF CONTROL VALVES AND CARE AND MAINTENANCE OF THIS NEW EQUIPMENT ☑ YES ☐ NO

IF NO, EXPLAIN

HAVE COPIES OF APPROPRIATE INSTRUCTIONS AND CARE AND MAINTENANCE CHARTS AND NFPA 13A BEEN LEFT ON PREMISES ☑ YES ☐ NO

IF NO, EXPLAIN

LOCATION OF SYSTEM

SUPPLIES BLDGS. FOURTH FLOOR

SPRINKLERS

MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING
TYCO	UPRI	2014	1/2	84	155
TYCO	TY-FRB UP	2014	1/2	12	200
TYCO	TY-FRB HSW	2014	1/2	2	200
TYCO	DS-1	2014	1/2	4	200

PIPE AND FITTINGS

PIPE CONFORMS TO NFPA 13 STANDARD ☐ YES ☐ NO

FITTINGS CONFORM TO NFPA 13 STANDARD ☐ YES ☐ NO

IF NO, EXPLAIN

ALARM VALVE OR FLOW INDICATOR

ALARM DEVICE			MAXIMUM TIME TO OPERATE THROUGH TEST PIPE	
TYPE	MAKE	MODEL	MIN.	SEC.
FLOW SWITCH	POTTER	USR		24

DRY PIPE OPERATING TEST

DRY VALVE			Q.O.D.		
MAKE	MODEL	SERIAL NO.	MAKE	MODEL	SERIAL NO.

	TIME TO TRIP THRU TEST PIPE		WATER PRESSURE	AIR PRESSURE	TRIP POINT AIR PRESSURE	TIME WATER REACHED TEST OUTLET		ALARM OPERATED PROPERLY	
	MIN.	SEC.	PSI	PSI	PSI	MIN.	SEC.	YES	NO
Without Q.O.D.									
With Q.O.D.									

IF NO, EXPLAIN

(OVER)

DELUGE & PREACTION VALVES

OPERATION ☐ PNEUMATIC ☐ ELECTRIC ☐ HYDRAULIC

PIPING SUPERVISED ☐ YES ☐ NO | DETECTING MEDIA SUPERVISED ☐ YES ☐ NO

DOES VALVE OPERATE FROM THE MANUAL TRIP AND/OR REMOTE CONTROL STATIONS ☐ YES ☐ NO

IS THERE AN ACCESSIBLE FACILITY IN EACH CIRCUIT FOR TESTING ☐ YES ☐ NO | IF NO, EXPLAIN

MAKE	MODEL	DOES EACH CIRCUIT OPERATE SUPERVISION LOSS ALARM		DOES EACH CIRCUIT OPERATE VALVE RELEASE		MAXIMUM TIME TO OPERATE RELEASE	
		YES	NO	YES	NO	MIN.	SEC.

TEST DESCRIPTION

HYDROSTATIC: Hydrostatic tests shall be made at not less than 200 psi (13.6 bars) for two hours or 50 psi (3.4 bars) above static pressure in excess of 150 psi (10.2 bars) for two hours. Differential dry-pipe valve clappers shall be left open during test to prevent damage. All aboveground piping leakage shall be stopped.
FLUSHING: Flow the required rate until water is clear as indicated by no collection of foreign material in burlap bags at outlets such as hydrants and blow-offs. Flush at flows not less than 400 GPM (1514 L/min) for 4-inch pipe, 600 GPM (2271 L/min) for 5-inch pipe, 750 GPM (2839 L/min) for 6-inch pipe, 1000 GPM (3785 L/min) for 8-inch pipe, 1500 GPM (5678 L/min) for 10-inch pipe and 2000 GPM (7570 L/min) for 12-inch pipe. When supply cannot produce stipulated flow rates, obtain maximum available.
PNEUMATIC: Establish 40 psi (2.7 bars) air pressure and measure drop which shall not exceed 1-½ psi (0.1 bars) in 24 hours. Test pressure tanks at normal water level and air pressure and measure air pressure drop which shall not exceed 1-½ psi (0.1 bars) in 24 hours.

TESTS

ALL PIPING HYDROSTATICALLY TESTED AT 200 PSI FOR 2 HRS. | IF NO, STATE REASON

DRY PIPING PNEUMATICALLY TESTED ☐ YES ☐ NO

EQUIPMENT OPERATES PROPERLY ☐ YES ☐ NO

DRAIN TEST | READING OF GAGE LOCATED NEAR WATER SUPPLY TEST PIPE: STATIC PRESSURE: 24 PSI | RESIDUAL PRESSURE WITH VALVE IN TEST PIPE OPEN WIDE: 16 PSI 1¼ pipe

Underground mains and lead in connections to system risers flushed before connection made to sprinkler piping.

VERIFIED BY COPY OF THE U FORM NO. 85B ☐ YES ☑ NO | OTHER EXPLAIN: UNDERGROUND INSTALLED & FLUSHED BY OTHERS

FLUSHED BY INSTALLER OF UNDERGROUND SPRINKLER PIPING ☑ YES ☐ NO

BLANK TESTING GASKETS

NUMBER USED	LOCATIONS	NUMBER REMOVED
0		

WELDING

WELDED PIPING ☑ YES ☐ NO

IF YES . . .

DO YOU CERTIFY AS THE SPRINKLER CONTRACTOR THAT WELDING PROCEDURES COMPLY WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3 ☑ YES ☐ NO

DO YOU CERTIFY THAT THE WELDING WAS PERFORMED BY WELDERS QUALIFIED IN COMPLIANCE WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3 ☑ YES ☐ NO

DO YOU CERTIFY THAT WELDING WAS CARRIED OUT IN COMPLIANCE WITH A DOCUMENTED QUALITY CONTROL PROCEDURE TO INSURE THAT ALL DISCS ARE RETRIEVED, THAT OPENINGS IN PIPING ARE SMOOTH, THAT SLAG AND OTHER WELDING RESIDUE ARE REMOVED, AND THAT THE INTERNAL DIAMETERS OF PIPING ARE NOT PENETRATED ☑ YES ☐ NO

HYDRAULIC DATA NAMEPLATE

NAMEPLATE PROVIDED ☑ YES ☐ NO | IF NO, EXPLAIN

REMARKS

DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN:

4-1-15

SIGNATURES

NAME OF SPRINKLER CONTRACTOR: BOSTON FIRE PROTECTION

TESTS WITNESSED BY

FOR PROPERTY OWNER (SIGNED)	TITLE	DATE

FOR SPRINKLER CONTRACTOR (SIGNED)	TITLE	DATE
Jim Bowly	Foreman	4-1-15

ADDITIONAL EXPLANATION AND NOTES