

Ver: 1-26-18

## INSPECTION REPORT

### Property Information

Name M&T BANK STADIUM Date 08-13-  
 Address 1101 RUSSELL STREET Work Order 3428792  
 City, State, Zip BALTIMORE, MD 21203  
 Contact \_\_\_\_\_ Onsite POC \_\_\_\_\_  
 Phone/Email \_\_\_\_\_ Phone # \_\_\_\_\_

Annual FA	Annual SP	Quarterly	Semi-Annual	Quarterly
N/A	8/13/2018	N/A	N/A	N/A

Other:

Elevator	Audio/Vis
N/A	N/A

### Monitoring Information

Company LOCAL MONITORING BY MSA SECURITY 24/7 STAFFING  
 Phone \_\_\_\_\_  
 Account \_\_\_\_\_ Password \_\_\_\_\_

### Fire Alarm Control Panel Information

System ADDRESSABLE  
 Make/Model SIEMENS FIREFINDER-XLS  
 Software Rev. \_\_\_\_\_

### Device Information

Alarm Initiating Devices	Quantity
Manual Fire Alarm Boxes	N/A
Ion Smoke Detectors	N/A
Photo Smoke Detectors	N/A
Duct Detectors	N/A
Heat Detectors	N/A
Waterflow Switches	63
System Counts	Quantity
Wet System(s)	1
Dry System(s)	21
Preaction(s)	4
Fire Pump(s)	1
Hydrants(s)	N/A
Backflow(s)	1
Clean Agent System(s)	1

Supervisory Initiating Devices	Quantity
Fire Pump Fault	1
Fire Pump Run	1
Generator Run	N/A
Tamper Switches	106
Supervisory Switches	25
Alarm Notification Appliances	Quantity
Bells	N/A
Bells/Strobes	N/A
Chimes	N/A
Speakers	N/A
Speakers/Strobes	N/A
Horn	N/A
Horn/Strobes	N/A
Strobes	N/A

## PRIOR TO TESTING

Condition of Panel Upon Arrival: TROUBLE- ON GOING FACP WORK  
 (clear or trouble - if trouble, explain)

Notifications Made	Yes	No	Contact	Time
Monitoring Company			(operator #)	
Building Occupants				
Building Management				
Other:				

**IN ALL SECTIONS BELOW: Y=YES, N=NO, N/A=NOT APPLICABLE**

*(EXPLAIN ALL "NO" ANSWERS ON THE DEFICIENCY OVERVIEW PAGE)*

<b>A. CONTROL EQUIPMENT</b>	<b>Y/N/N/A</b>		<b>Y/N/N/A</b>
Was the Fire Alarm Control Panel in an accessible location?	YES	Was the Control Panel supervision test acceptable?	N/A
Was the test of lamps and LEDs in the Control Panel satisfactory?	N/A	Did the remote annunciator test satisfactorily?	N/A
Were audible, visible & alarm signals in the Control Panel tested satisfactorily?	N/A	Was the test of interface equipment satisfactory?	N/A
Was the off-premises transmission tested satisfactorily? (Monitoring Co/Base Dispatch)	N/A	Were the duct detector control output tests acceptable?	N/A

<b>B. INITIATING DEVICES</b>	<b>Y/N/N/A</b>		<b>Y/N/N/A</b>
Were the manual fire alarm box tests acceptable?	N/A	Were the smoke detector control output tests acceptable?	N/A
Were the smoke detector inspection/tests acceptable?	N/A	Were the alarm verification tests satisfactory?	N/A
Were the duct smoke detector tests acceptable?	N/A	Were the waterflow alarm devices connected to the fire alarm system?	YES
Were non-restorable heat detectors inspected and in satisfactory condition?	N/A	Were the supervisory control valves connected to the fire alarm system?	YES
Were restorable heat detector tests acceptable?	N/A		

<b>C. AUDIBLE / VISIBLE DEVICES</b>	<b>Y/N/N/A</b>		<b>Y/N/N/A</b>
Were audible alarms tested and operating properly?	N/A	Are visible strobes synchronized?	N/A
Were visible alarms tested and operating properly?	N/A	Is Audible/Visible notification coverage adequate?	N/A

<b>D. ELECTRICAL</b>	<b>Y/N/N/A</b>		<b>Y/N/N/A</b>
Was the fire alarm system power connected to a dedicated branch circuit of the house panel?	N/A	Was the battery charging circuit in the Control Panel operating correctly & at the proper voltage?	N/A
Was the fire alarm system power disconnect location clearly identified in writing at or on the control panel?	N/A	Was the test of the secondary power source (e.g. batteries) satisfactory?	N/A
Was the test of the primary power source satisfactory?	N/A		

<b>E. VOICE EVACUATION SYSTEM</b>	<b>Y/N/N/A</b>		<b>Y/N/N/A</b>
Was the Fire Command Center operating properly?	N/A	Were phone sets tested satisfactorily?	N/A
Was the call-in signal silence function correct?	N/A	Were handset system voice quality & clarity acceptable?	N/A
Was the off-hook indicator verified?	N/A	Were the speakers tested and operating properly?	N/A
Were phone jacks tested satisfactorily?	N/A		

**TEST COMPLETION**

Supervising Station Monitoring	Yes	No	Comments	Time
Alarm Signal Received				
Trouble Signal Received				
Supervisory Sig. Received				

Notifications Tested Complete	Yes	No	Contact	Time
Monitoring Company			(operator #)	
Building Occupants				
Building Management				
Other:				

**Condition of Panel Upon Departure:** TROUBLE- ON GOING FACP WORK  
*(clear or trouble - if trouble, explain)*

**System Restored to Normal Operation? (if no, explain)** Y/N NO, SYSTEM  
**STILL IN TROUBLE CONDITION FOR ON GOING FACP WORK**  
 \_\_\_\_\_  
 \_\_\_\_\_

**Annunciator Inspection**

N/A	Type of annunciator
N/A	Annunciator Location
N/A	Annunciator manufacturer
N/A	Annunciator Model
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	All annunciator LED's or displays are functional?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	Annunciator reset switch is functional?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	Annunciator trouble sounder is functional?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	Annunciator trouble silence switch is functional?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	Are there additional annunciator switches or buttons?

**Elevator Functions**

<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	When devices associated with elevator fire service are tested, the elevators are recalled to the primary egress floor?
N/A	Primary elevator recall level
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	When associated devices on the primary floor are tested, the elevators are recalled to an alternate floor?
N/A	Alternate elevator recall level
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	Elevator shunt trip was tested and operates as required?
N/A	Location of shunt trip breakers

**Inspector(s):** ROBERT PICKETT, KYLE HILLMAN **Date:** 8/13/2018



**IN ALL SECTIONS BELOW: Y=YES, N=NO, N/A=NOT APPLICABLE**

(EXPLAIN ALL "NO" ANSWERS ON THE DEFICIENCY SUMMARY PAGE)

A. SPRINKLER SYSTEM PIPING	Y/N/NA		Y/N/NA
Is sprinkler coverage provided throughout the building?	YES	Have there been any changes or repairs to the sprinkler system since the last inspection?	N/A
Is all visible sprinkler piping free of corrosion and external loading?	YES	Are the areas that are protected by wet systems heated, and maintained above 40°F?	YES
Are all piping hangers, braces and supports in place and free from damage?	YES	Has all sprinkler piping been internally inspected in the past 5 years? If so, when? <b>DATE ?</b>	NO

B. SPRINKLER HEADS	Y/N/NA		Y/N/NA
Are all sprinkler heads free of damage, corrosion, paint, and external loading?	NO	Have all dry sprinklers been in service for less than 10 years? (Less than 5 years for sprinklers outside.)	NO
Is proper clearance provided above, below and beside all sprinkler heads?	YES	Are the appropriate number of spare sprinkler heads maintained on site?	YES
Have all standard response sprinkler heads been installed for less than 50 years?	N/A	Does the spare sprinkler head box contain the correct head wrench for each type of sprinkler on site?	YES
Have all quick response sprinkler heads been installed for less than 20 years?	YES	Does the spare sprinkler head box contain 2 spare sprinklers for each type of sprinkler on site?	NO

C. FIRE DEPARTMENT CONNECTIONS	Y/N/NA		Y/N/NA
Are the Fire Department Connections visible and easily accessible?	YES	Do the connection swivels rotate freely?	YES
Are the caps and gaskets in place and undamaged?	YES	Is the dall-drip drain in place and operational?	YES
Is the internal piping free of debri and corrosion?	YES	Is proper signage in place and visible?	YES

D. ANTIFREEZE SPRINKLER SYSTEMS	Y/N/NA		Y/N/NA
Is the type of antifreeze that is being used known? If so, what type? <b>TYPE ?</b>	N/A	Is the antifreeze sloution's freeze point acceptable for the area that it's located in.	N/A
Was the antifreeze solution specific gravity measured during this inspection?	N/A	Are antifreeze system placards in place and properly filled out?	N/A

Inspector(s): **ROBERT PICKETT** Date: **8/13/2018**

**Main Drain Test Results**

Main Drain Location	Main Drain Outlet Size	Static Pressure Before	Residual Flow Pressure	Static Pressure After
WEST STANDPIPE	2"	80 PSI	70 PSI	80 PSI

<b>Alarm/Check Valve Test Report</b>					
Alarm/Check Valves		System Zone/Location	System Zone/Location	System Zone/Location	System Zone/Location
Manufacturer (Name)					
Valve Model					
Valve Size/Type					
Size of Inspector's Test Valve					
Location of Inspector's Test Valve					
Water Pressure	Top	psi	psi	psi	psi
	Bottom	psi	psi	psi	psi
Water to Outlet Time					
<b>IN ALL SECTIONS BELOW: Y=YES, N=NO, N/A=NOT APPLICABLE</b> (EXPLAIN ALL "NO" ANSWERS IN THE DEFICIENCY SUMMARY SECTION)					
<b>Condition of Alarm Valve</b>					
Did Water Motor Gong Operate?					
Water Control Valve Left Open?					
Alarm Control Valve Left Open?					
<b>Fire Department Connection (FDC)</b>					
Type	FDC. Location	Visual Insp	Functional Insp	Outlet Size	Notes/Deficiency
WALL	GATE B SIDE	PASS	PASS	2.50"	N/A
WALL	GEN. PLANT	PASS	PASS	2.50"	N/A
<b>Spare Head Box - Count-</b>					
Qty. of Spare Sprinklers	Type of Sprinkler Heads	Temp °F	Thread Size	Head Wrench	Notes/Deficiency
8	VICTAULIC V2703 BRASS UPRIGHT	200°	.50"	YES	
2	RASCO RA1414 CHROME PENDANT	155°	.50"	YES	
2	VIKING CHROME PENDANT QR	155°	.50"	YES	
2	CENTRAL 804A CONCEALED	155°	.50"	YES	
1	STAR 735A PENDANT	165°	.50"	YES	

<b>Dry Pipe Valve Trip Test Report</b>					
Dry Pipe Valves	EAST DRY RM 1.26.02	WEST DRY RM 1.26.02	EAST KITCHEN 4.10.02	UP CC AT SEC 516	
Manufacturer (Name)	VIKING	VIKING	VIKING	VIKING	
Valve Model	F-1	F-1	F-1	F-1	
Valve Size	6" FxG	6" FxG	4" FxG	4" FxG	
Sprinkler Head Qty (Approx.)	N/A	N/A	N/A	N/A	
Date Last Trip Tested?	Aug-17	Aug-17	Aug-17	Aug-17	
Type of Test (Full/Partial)	PARTIAL	PARTIAL	PARTIAL	PARTIAL	
Size of Inspector's Test Valve	.50"	.50"	.50"	.50"	
Location of Inspector's Test Valve	AT VALVE	AT VALVE	AT VALVE	AT VALVE	
Pressure Before Test	Air	50 psi	50 psi	60 psi	48 psi
	Water	160 psi	160 psi	150 psi	150 psi
Dry Pipe Valve Tripped At:	Air Pressure	30 psi	30 psi	22 psi	26 psi
	Time	min sec	min sec	min sec	min sec
Water to Outlet Time					
Time Water Reached Test Opening:	min sec	min sec	min sec	min sec	
<b>IN ALL SECTIONS BELOW: Y=YES, N=NO, N/A=NOT APPLICABLE</b> (EXPLAIN ALL "NO" ANSWERS IN THE DEFICIENCY SUMMARY SECTION)					
Condition of Dry Pipe Valve					
Clapper & Seats Cleaned and in Good Condition?	YES	YES	YES	NO	
Did Electric Alarms Activate?	YES	YES	YES	YES	
Did Water Motor Gong Operate?	N/A	N/A	N/A	N/A	
All Low Point Drains Blown Out?	N/A	N/A	N/A	N/A	
Water Control Valve Left Open?	YES	YES	YES	YES	
Alarm Control Valve Left Open?	YES	YES	YES	YES	
Quick Opening Devices (Accelerator)					
Manufacturer					
Model					
Quick Opening Device Tripped At:	psi	psi	psi	psi	
Quick Opening Device Tripped At:	min sec	min sec	min sec	min sec	
Performance					
Accelerator in Service?					

Customer is responsible for maintaining all low point drains and drum drip assemblies.  
 It is recommended that this be done 2-3 times per day until there is no water present.

Notes or Deficiencies -

Dry Pipe Valves		LOADING DK RM 1.09.09	A QUAD RM 1.05.01	D QUAD RM 1.05.01	DIRT STORAGE 1.05.01
Manufacturer (Name)		VIKING	VIKING	VIKING	VIKING
Valve Model		F-1	F-1	F-1	F-1
Valve Size		3" FxG	4" FxG	4" FxG	6" GxG
Sprinkler Head Qty (Approx.)		N/A	N/A	N/A	N/A
Date Last Trip Tested?		Aug-17	Aug-17	Aug-17	Aug-17
Type of Test (Full/Partial)		PARTIAL	PARTIAL	PARTIAL	PARTIAL
Size of Inspector's Test Valve		.50"	.50"	.50"	.50"
Location of Inspector's Test Valve		AT VALVE	AT VALVE	AT VALVE	AT VALVE
Pressure Before Test	Air	50 psi	48 psi	45 psi	48 psi
	Water	175 psi	175 psi	175 psi	155 psi
Dry Pipe Valve Tripped At:	Air Pressure	12 psi	15 psi	17 psi	15 psi
	Time	min sec	min sec	min sec	min sec
Water to Outlet Time					
Time Water Reached Test Opening:		min sec	min sec	min sec	min sec
<b>IN ALL SECTIONS BELOW: Y=YES, N=NO, N/A=NOT APPLICABLE</b> (EXPLAIN ALL "NO" ANSWERS IN THE DEFICIENCY SUMMARY SECTION)					
Condition of Dry Pipe Valve					
Clapper & Seats Cleaned and in Good Condition?		YES	YES	YES	YES
Did Electric Alarms Activate?		YES	YES	YES	YES
Did Water Motor Gong Operate?		N/A	N/A	N/A	N/A
All Low Point Drains Blown Out?		N/A	N/A	N/A	N/A
Water Control Valve Left Open?		YES	YES	YES	YES
Alarm Control Valve Left Open?		YES	YES	YES	YES
Quick Opening Devices (Accelerator)					
Manufacturer					
Model					
Quick Opening Device Tripped At:		psi	psi	psi	psi
Quick Opening Device Tripped At:		min sec	min sec	min sec	min sec
Performance					
Accelerator in Service?					

**System Restored to Normal Operation** **Date: 8/20/2018**

**Customer is responsible for maintaining all low point drains and drum drip assemblies.  
 It is recommended that this be done 2-3 times per day until there is no water present.**

Notes or Deficiencies -

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**Dry Pipe Valve Trip Test Report**

Dry Pipe Valves		NW UPR CC AT SEC 537	SE UC @ COL. 524	SE UC @ COL. 524	NE UC @ COL 502
Manufacturer (Name)		VIKING	VIKING	RELIABLE	VIKING
Valve Model		F-1	F-1	EX	F-1
Valve Size		4" FxG	4" FxG	4" GxG	4" FxG
Sprinkler Head Qty (Approx.)		N/A	N/A	NOT IN SERVICE	N/A
Date Last Trip Tested?		2017	2017	NOT IN SERVICE	2017
Type of Test (Full/Partial)		PARTIAL	PARTIAL	NOT IN SERVICE	PARTIAL
Size of Inspector's Test Valve		.50"	.50"	NOT IN SERVICE	.50"
Location of Inspector's Test Valve		AT VALVE	AT VALVE	NOT IN SERVICE	AT VALVE
Pressure Before Test	Air	52 psi	52 psi	N/A psi	45 psi
	Water	135 psi	130 psi	N/A psi	145 psi
Dry Pipe Valve Tripped At:	Air Pressure	22 psi	22 psi	N/A psi	24 psi
	Time	min sec	min sec	min sec	min sec
Water to Outlet Time					
Time Water Reached Test Opening:		min sec	min sec	min sec	min sec

**IN ALL SECTIONS BELOW: Y=YES, N=NO, N/A=NOT APPLICABLE  
 (EXPLAIN ALL "NO" ANSWERS IN THE DEFICIENCY SUMMARY SECTION)**

Condition of Dry Pipe Valve					
Clapper & Seats Cleaned and in Good Condition?	YES	NO	N/A	YES	
Did Electric Alarms Activate?	YES	YES	N/A	YES	
Did Water Motor Gong Operate?	N/A	N/A	N/A	N/A	
All Low Point Drains Blown Out?	N/A	N/A	N/A	N/A	
Water Control Valve Left Open?	YES	YES	N/A	YES	
Alarm Control Valve Left Open?	YES	YES	N/A	YES	

Quick Opening Devices (Accelerator)					
Manufacturer					
Model					
Quick Opening Device Tripped At:	psi	psi	psi	psi	
Quick Opening Device Tripped At:	min sec	min sec	min sec	min sec	
Performance					
Accelerator in Service?					

**System Restored to Normal Operation** **Date: 8/20/2018**

Customer is responsible for maintaining all low point drains and drum drip assemblies.  
 It is recommended that this be done 2-3 times per day until there is no water present.

Notes or Deficiencies -

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**Dry Pipe Valve Trip Test Report**

Dry Pipe Valves	NE UC @ COL 502	MECH. RM 3.19.01 (UC)	MECH. RM 3.19.01 (US)	MECH RM 3.09.01 U CONC	
Manufacturer (Name)	RELIABLE	GRINELL	GRINELL	RELIABLE	
Valve Model	EX	MOD A-2	MOD A-2	A	
Valve Size	4" GxG	2" TxT	2" TxT	2" GxG	
Sprinkler Head Qty (Approx.)	NOT IN SERVICE	N/A	N/A	N/A	
Date Last Trip Tested?	NOT IN SERVICE	Aug-17	Aug-17	Aug-17	
Type of Test (Full/Partial)	NOT IN SERVICE	PARTIAL	PARTIAL	PARTIAL	
Size of Inspector's Test Valve	NOT IN SERVICE	.50"	.50"	.50"	
Location of Inspector's Test Valve	NOT IN SERVICE	AT VALVE	AT VALVE	AT VALVE	
Pressure Before Test	Air	N/A psi	40 psi	40 psi	58 psi
	Water	N/A psi	165 psi	165 psi	160 psi
Dry Pipe Valve Tripped At:	Air Pressure	N/A psi	22 psi	20 psi	22 psi
	Time	min sec	min sec	min sec	min sec
Water to Outlet Time					
Time Water Reached Test Opening:	min sec	min sec	min sec	min sec	

**IN ALL SECTIONS BELOW: Y=YES, N=NO, N/A=NOT APPLICABLE**  
 (EXPLAIN ALL "NO" ANSWERS IN THE DEFICIENCY SUMMARY SECTION)

Condition of Dry Pipe Valve				
Clapper & Seats Cleaned and in Good Condition?	N/A	YES	YES	YES
Did Electric Alarms Activate?	N/A	YES	YES	YES
Did Water Motor Gong Operate?	N/A	N/A	N/A	N/A
All Low Point Drains Blown Out?	N/A	N/A	N/A	N/A
Water Control Valve Left Open?	N/A	YES	YES	YES
Alarm Control Valve Left Open?	N/A	YES	YES	YES

Quick Opening Devices (Accelerator)				
Manufacturer				
Model				
Quick Opening Device Tripped At:	psi	psi	psi	psi
Quick Opening Device Tripped At:	min sec	min sec	min sec	min sec
Performance				
Accelerator in Service?				

**Customer is responsible for maintaining all low point drains and drum drip assemblies.  
 It is recommended that this be done 2-3 times per day until there is no water present.**

Notes or Deficiencies -

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Dry Pipe Valves		MECH RM 3.09.01 U SUITE	QUAD C IN RM 1.27.08	QUAD B IN RM 1.27.08	GENERATOR PLANT
Manufacturer (Name)		RELIABLE	VIKING	VIKING	CENTRAL
Valve Model		A	F-1	F-1	G
Valve Size		2" GxG	4" FxG	4" FxG	4" FxG
Sprinkler Head Qty (Approx.)		N/A	N/A	N/A	N/A
Date Last Trip Tested?		Aug-17	Aug-17	Aug-17	Aug-17
Type of Test (Full/Partial)		PARTIAL	PARTIAL	PARTIAL	PARTIAL
Size of Inspector's Test Valve		.50"	.50"	.50"	.50"
Location of Inspector's Test Valve		AT VALVE	AT VALVE	AT VALVE	AT VALVE
Pressure Before Test	Air	58 psi	50 psi	58 psi	50 psi
	Water	160 psi	175 psi	170 psi	170 psi
Dry Pipe Valve Tripped At:	Air Pressure	27 psi	15 psi	15 psi	35 psi
	Time	min sec	min sec	min sec	min sec
Water to Outlet Time					
Time Water Reached Test Opening:		min sec	min sec	min sec	min sec
<b>IN ALL SECTIONS BELOW: Y=YES, N=NO, N/A=NOT APPLICABLE</b> (EXPLAIN ALL "NO" ANSWERS IN THE DEFICIENCY SUMMARY SECTION)					
Condition of Dry Pipe Valve					
Clapper & Seats Cleaned and in Good Condition?		YES	YES	YES	YES
Did Electric Alarms Activate?		YES	YES	YES	YES
Did Water Motor Gong Operate?		N/A	N/A	N/A	NO
All Low Point Drains Blown Out?		N/A	N/A	N/A	N/A
Water Control Valve Left Open?		YES	YES	YES	YES
Alarm Control Valve Left Open?		YES	YES	YES	YES
Quick Opening Devices (Accelerator)					
Manufacturer					
Model					
Quick Opening Device Tripped At:		psi	psi	psi	psi
Quick Opening Device Tripped At:		min sec	min sec	min sec	min sec
Performance					
Accelerator in Service?					

**System Restored to Normal Operation** **Date: 8/21/2018**

Customer is responsible for maintaining all low point drains and drum drip assemblies.  
 It is recommended that this be done 2-3 times per day until there is no water present.

Notes or Deficiencies -

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**Dry Pipe Valve Trip Test Report**

Dry Pipe Valves		SVC LVL SHOP 1.17.01			
Manufacturer (Name)		RELIABLE			
Valve Model		EX			
Valve Size		4" GxG			
Sprinkler Head Qty (Approx.)		NOT IN SERVICE			
Date Last Trip Tested?		NOT IN SERVICE			
Type of Test (Full/Partial)		NOT IN SERVICE			
Size of Inspector's Test Valve		NOT IN SERVICE			
Location of Inspector's Test Valve		NOT IN SERVICE			
Pressure Before Test	Air	N/A psi	psi	psi	psi
	Water	N/A psi	psi	psi	psi
Dry Pipe Valve Tripped At:	Air Pressure	N/A psi	psi	psi	psi
	Time	min sec	min sec	min sec	min sec

Water to Outlet Time					
Time Water Reached Test Opening:	min	sec	min	sec	min sec

**IN ALL SECTIONS BELOW: Y=YES, N=NO, N/A=NOT APPLICABLE**  
 (EXPLAIN ALL "NO" ANSWERS IN THE DEFICIENCY SUMMARY SECTION)

Condition of Dry Pipe Valve					
Clapper & Seats Cleaned and in Good Condition?	N/A				
Did Electric Alarms Activate?	N/A				
Did Water Motor Gong Operate?	N/A				
All Low Point Drains Blown Out?	N/A				
Water Control Valve Left Open?	N/A				
Alarm Control Valve Left Open?	N/A				

Quick Opening Devices (Accelerator)					
Manufacturer					
Model					
Quick Opening Device Tripped At:	psi	psi	psi	psi	psi
Quick Opening Device Tripped At:	min sec	min sec	min sec	min sec	min sec
Performance					
Accelerator in Service?					

**System Restored to Normal Operation** **Date: 8/21/2018**

Customer is responsible for maintaining all low point drains and drum drip assemblies.  
 It is recommended that this be done 2-3 times per day until there is no water present.

Notes or Deficiencies -

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## Fire Pump Periodic Test Report

Location: **1101 Russell St Baltimore MD, 21230**

Inspector: Tech

Date: 08/22/18

This inspection is (check one)       Weekly       Monthly       Bimonthly       Quarterly       Annual

**EQUIPMENT TO BE INSPECTED**

Date of annual pump test: 08/22/18      Suction pressure (psi): 75psi  
 Pump room temperature: (min 40°) Discharge pressure (psi): 75psi

<u>Driver</u>		<u>Pump</u>	<u>Electric Motor</u>
Manufacture	BALDOR	Manufacture	PEERLESS
Rated RPM	3540	Model/Type	6AEF10
Serial No	C1706221312	Serial No	186433
		Rated Gpm	1250
		Serial No	C1706221312
		Rated HP	125
		Rated Voltage	460

<u>Controller</u>		Other Equipment:
Manufacture	HUBBLE	
Serial No	739054	
Start Method	Loss of Pressure	

A. Pump	Yes	NA	No
1. Are stuffing box glands at proper tightness and packings discharging proper amount of water?	x		
Does water pass freely through circulating relief valve when pump is running?			x
Does relief valve properly reset?	x		
Suction, discharge and by pass valve in proper position?	x		
Was piping inspected for leaks?	x		
Does water supply appear normal and reservoirs full?	x		
B. Diesel Engine System	Yes	NA	NO
1. Was engine operated for 30 min minimum?		x	
2. Was pump's automatic start pressure set properly?		x	
3. Was pump started by dropping sensing line pressure? Start psi setting?		x	
4. Was pump running alarm transmitted to central monitoring station?		x	
9. Have hazardous locations and materials been identified and safety instructions provided to the technician prior to performing the inspection?		x	
6. Was controller selector switch in AUTO position?		x	
7. Were voltages for batteries normal?		x	
8. Were charging currents for batteries normal?		x	
9. Were pilot lights on for batteries?		x	
10. Was battery electrolyte normal?		x	
11. Were battery terminals free of corrosion?		x	
12. Were all alarm pilot lights off?		x	
13. Was oil level in right angle drives normal?		x	
14. Was crankcase oil level normal?		x	
15. Was coolant water level normal?		x	
16. Was water jacket heater operating?		x	
17. Was time to crank observed? Time:		x	
18. Record clock hours for engine: Start: Stop:		x	

**Fire Pump Periodic Test Report**

	Yes	NA	No
<b>C. Electrical System</b>	x		
1. Was controller power on illuminated?	X		
2. Was transfer switch normal light on?		X	
4. Was oil level in vertical motor sight glass normal?		x	
5. Was time for motor to accelerate to full speed at rpm observed?	x		
6. Were all pumps left in full automatic starting mode at end of testing and was power "on" lamp illuminated?	x		
7. Were circuit breaker fuses visually checked for size and proper position of breaker switch?		x	
8. Was pump operated for 10 min minimum?	x		
9. If required an auto-shut down timer, did it activate properly and are setting correct?	x		

	Yes	NA	No
<b>D. Jockey Pump</b>			
1. Was jockey pump "on" tested? Psi setting:	x		
2. Was jockey pump :off" setting tested? Psi setting?	x		
3. Were all system components, valves, switches and alarms returned to normal position and/or condition?	x		

**E. Explain any "No" answers and comments:**

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**F. Adjustments or corrections made during this inspection:**

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**G. This inspection was performed substantially in accordance with NFPA Standard:**

**D. Special Systems (Deluge-Preaction)** (See trip test report dated \_\_\_\_\_ )

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

This report was reviewed with: \_\_\_\_\_ By: Redhawk Fire and Security

\_\_\_\_\_ Tech \_\_\_\_\_ 08/22/18

Print Name Signature Technician Date

**Fire pump Performance / Acceptance Test Sheet**

**Part A: Pump Information**

Type of test <input checked="" type="checkbox"/> Annual Performance Test <input type="checkbox"/> Acceptance Tset		Pump Location: Fire Pump Room	
Type of pump <input type="checkbox"/> Horizontal <input type="checkbox"/> Verticale		If vertical, Static water level ft. Pumping water level ft.	
PUMP	Manufacturer PEERLESS	Model 6AEF10	Serial No 186433
	Rated capacity (1) 1250 gpm	Rated head/pressure (2) 135.7/125/106 psi	Rated speed (3) 3550 rpm
DRIVER	Manufacturer BALDOR	Model FPM2556T-4	Serial No C1706221312
	<input checked="" type="checkbox"/> Electric Motor	Rated Voltage 460	Rated Amps 165
	<input type="checkbox"/> Diesel Engine <input type="checkbox"/> Other	Rated HP	Rated speed
Lightning Protection <input type="checkbox"/> Yes <input type="checkbox"/> No		Rated HP 125	Rated speed 3540
Battery Sets <input type="checkbox"/> one <input type="checkbox"/> two		Service Factor 1.15	Battery Insulated from floor? <input type="checkbox"/> Yes <input type="checkbox"/> No
POWER SUPPLY	Overhead <input type="checkbox"/> Protected <input type="checkbox"/> Unprotected <input type="checkbox"/> Underground	Comments	
FUEL SUPPLY	<input type="checkbox"/> Above Ground <input type="checkbox"/> Below Ground	Supply Duration <input type="checkbox"/> 8 Hour Period <input type="checkbox"/> Other	Comments
CONTROLLER	Manufacturer HUBBLE	Model LX-1200	Serial No 739054
	Start Pressure	psi	Stop Pressure 140 psi
	Run Time	min	
Power Supply <input type="checkbox"/> Overhead <input checked="" type="checkbox"/> Underground		Pump House/Room Heated <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sprinklered <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
JOCKEY PUMP	Start Pressure 155 psi	Stop Pressure 173 psi	Run Time min
WATER SUPPLY	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private	Tank Size gpm Tank Height ft <input type="checkbox"/> Other	Static Pressure psi

**Part B: Pump Test**

NOZZLE		Observed							Pump Pressures			Corrected to rated rpm		Percent (%)		Pump rating	
COEF		Pitot psi	(4) Flow gpm	(5) Speed rpm	Volts	Amps		(6) Discharge psi	(7) Suction psi	(8) Net head psi (6)-(7)	(9) Net head psi	(10) Flow glm	(11) Net head psi	(12) Rated capacity gpm			
No	Size																
0	0	0	0	3580	0	0	0	0	210	74	136	135.4	0	100%	0%	136	Churn
5	1 3/4	8	1260	3568	0	0	0	0	182	62	120	119.7	1254	96%	100%	125	100%
5	1 3/4	18	1890	3553	0	0	0	0	160	60	100	99.96	1888	94%	151%	106	150%
											0						
											0						
											0						
											0						
											0						

$$(8) = (6) - (7) \quad (9) = (8) * \left( \frac{(3)}{(5)} \right)^2 \quad (10) = (4) * \frac{(3)}{(5)} \quad (11) = \frac{(9)}{(2)} \quad (12) = \frac{(10)}{(1)}$$

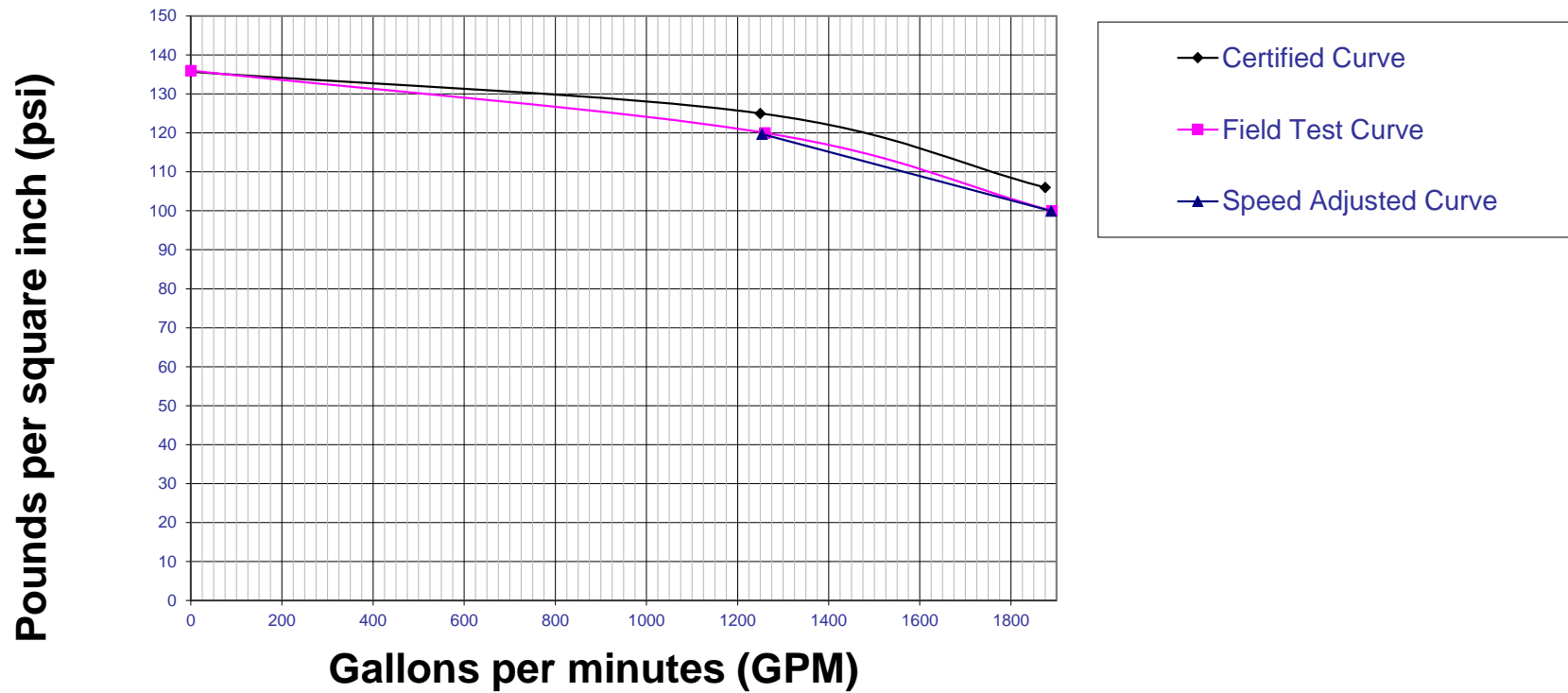
NOTES: 1. To determine the corrected results, substitute the corresponding value obtained from the () numbered boxes or columns to the formula in columns 8-12.  
 2. Use the corrected values from columns 9 and 10 to plot the test points for the pump curve on the graph on the next page of this report.  
 3. Pump pressure settings:  
 Jockey pump stop=pump churn press+min static supply press  
 Jockey pump start=jockey pump stop-10psi  
 Fire pump start=jockey pump start-5psi  
 Fire pump stop=jockey pump start

Certified Curve		
GPM	psi	
0	135.7	0%
1250	125	100%
1875	106	150%

Field test curve		
GPM	psi	
0	136	0%
1260	120	100%
1890	100	150%

Speed adjusted curve		
GPM	psi	
	135.43	0%
1254	119.70	100%
1888	99.96	150%

## Electric Motor Driven Fire Pump Certified vs. Field Test Curves





<b>Preaction/Deluge Valve Trip Test Report</b>					
Dry Pipe Valves		PHONE ROOM 1.24.04	E. SCORE BOARD 4.10.02	W. SCORE BOARD 4.37.04	MEDIA CENTER 3.24.04
Manufacturer (Name)		VIKING	VIKING	VIKING	VIKING
Valve Model		E-1	E-1	E-1	E-1
Valve Size		2" GxT	4" FxG	4" FxG	3"
Sprinkler Head Qty (Approx.)		N/A	N/A	N/A	N/A
Date Last Trip Tested?		Aug-18	N/A	N/A	N/I
Type of Test (Full/Partial)		PARTIAL	PARTIAL	PARTIAL	N
Size of Inspector's Test Valve		.50"	.50"	.50"	N/I
Location of Inspector's Test Valve		AT VALVE	AT VALVE	AT VALVE	N/I
Pressure Before Test	Air	21 psi	35 psi	32 psi	N/A psi
	Water	180 psi	155 psi	155 psi	N/A psi
Valve Tripped With	Low Air Pressure	N/A psi	N/A psi	N/A psi	N/A psi
	Detector Test	PASS	PASS	PASS	N/I
	Solenoid Time	seconds	seconds	seconds	seconds
<i>Water to Outlet Time (if applicable)</i>					
Time Water Reached Test Opening:		min      sec	min      sec	min      sec	min      sec
<b>IN ALL SECTIONS BELOW: Y=YES, N=NO, N/A=NOT APPLICABLE</b> <b>(EXPLAIN ALL "NO" ANSWERS IN THE DEFICIENCY SUMMARY SECTION)</b>					
<b>Condition of Preaction/Deluge Valve</b>					
Clapper & Seats Cleaned and in Good Condition?		N/A	N/A	N/A	N/A
Did Electric/Water Alarms Activate?		YES	YES	YES	N/A
EPO Operational?		N/A	YES	YES	N/A
All Low Point Drains Blown Out?		N/A	N/A	N/A	N/A
Water Control Valve Left Open?		YES	YES	YES	N/A
Alarm Control Valve Left Open?		YES	YES	YES	N/A
Solenoid Valve Left In Service?		YES	<b>FAILED TO FUNCTION</b>	<b>FAILED TO FUNCTION</b>	N/A
<b>Quick Opening Devices (Accelerator)</b>					
Manufacturer					
Model					
Quick Opening Device Tripped At:		psi	psi	psi	psi
Quick Opening Device Tripped At:		min      sec	min      sec	min      sec	min      sec
Performance					
Accelerator in Service?					

**Notes or Deficiencies - 1X HEAT DETECTOR TO TRIP MAIN PHONE ROOM PRE ACTION.**

1X HEAT, 1X SMOKE TO TRIP EAST SCOREBOARD PRE- ACTION. SOLENOID FAILED TO FUNCTION.

1X HEAT, 1X SMOKE TO TRIP WEST SCOREBOARD PRE- ACTION. SOLENOID FAILED TO FUNCTION.

Device Type	Location	Visual Insp	Functional Insp	Flow time	Make	Model	Size	Type
<b>DOCUMENT ALL "FAIL" RESULTS ON THE DEFICIENCY SUMMARY PAGE</b>								
<b>IN FIRE PUMP ROOM 1.26.02</b>								
CV	BACKFLOW #1	PASS	PASS	N/A	CLOW	OS&Y	8"	FxF
TS	BACKFLOW #1	PASS	PASS	N/A	POTTER	OSYSU-2		
CV	BACKFLOW #2	PASS	PASS	N/A	CLOW	OS&Y	8"	FxF
TS	BACKFLOW #2	PASS	PASS	N/A	POTTER	OSYSU-2		
CV	FIRE PUMP SUCTION	PASS	PASS	N/A	KENNEDY	OS&Y	8"	FxF
TS	FIRE PUMP SUCTION	PASS	PASS	N/A	POTTER	OSYSU-2		
CHECK	FIRE PUMP DISCHARGE	PASS	PASS	N/A	NIBCO		8"	FxF
CV	FIRE PUMP TEST HEADER	PASS	PASS	N/A	KENNEDY	BFLY	8"	FxG
CV	FIRE PUMP DISCHARGE	PASS	PASS	N/A	KENNEDY	OS&Y	8"	FxF
TS	FIRE PUMP DISCHARGE	PASS	PASS	N/A	POTTER	OSYSU-1		
CV	BYPASS #1	PASS	PASS	N/A	KENNEDY	BFLY	8"	GxG
CHECK	BYPASS #1/#2	PASS	PASS	N/A	VICTAULIC	S/717	8"	GxG
CV	BYPASS #2	PASS	PASS	N/A	KENNEDY	BFLY	8"	GxG
CV	JOCKEY PUMP SUCTION	PASS	PASS	N/A	MILWAUKEE	BBALL	1.25"	TxT
CV	JOCKEY PUMP DISCHARGE (MISSING SIGN)	FAIL	PASS	N/A	MILWAUKEE	BBALL	1.25"	TxT
PRV	FIRE PUMP PRESSURE REDUCING VALVE	PASS	PASS	N/A				
CHECK	PRV DISCHARGE	PASS	PASS	N/A	VICTAULIC	S/717	8"	GxG
CV	SERVICE LEVEL ZONE S-3	PASS	PASS	N/A	KENNEDY	BFLY	3"	GxG
CHECK	SERVICE LEVEL ZONE S-3	PASS	PASS	N/A	VIKING	MOD-G1	3"	GxG
FS	SERVICE LEVEL ZONE S-3	PASS	PASS	30 SEC	POTTER	VSR	3"	SADDLE
CV	MEDIA WILL CALL ROOM	PASS	PASS	N/A	MILWAUKEE	BBALL	2"	TxT
CHECK	MEDIA WILL CALL ROOM	PASS	PASS	N/A	UNITED	BRASS	2"	TxT
FS	MEDIA WILL CALL ROOM	PASS	PASS	17 SEC	POTTER	VSR	2"	SADDLE
CV	MAIN WET FLOW	PASS	PASS	N/A	KENNEDY	BFLY	8"	GxG
FS	MAIN WET FLOW	PASS	PASS	28 SEC	POTTER	VSR-F	8"	SADDLE
CHECK	CHECK NEXT TO MAIN WET FLOW	PASS	PASS	N/A	VIKING	MOD-G1	4"	GxG
CV	EAST DRY PIPE VALVE	PASS	PASS	N/A	KENNEDY	OS&Y	6"	FxF
TS	EAST DRY PIPE VALVE	PASS	PASS	N/A	POTTER	OSYSU-2		
DPV	EAST DRY PIPE VALVE	PASS	PASS	N/A	VIKING	F-1	6"	FxG
HI/LO	EAST DRY PIPE VALVE	PASS	PASS	30 PSI	POTTER	PS40-2A		
WPS	EAST DRY PIPE VALVE	PASS	PASS	PASS	POTTER	PS40-2A		
CV	WEST DRY PIPE VALVE	PASS	PASS	N/A	KENNEDY	OS&Y	6"	FxF
TS	WEST DRY PIPE VALVE	PASS	PASS	N/A	POTTER	OSYSU-2		
DPV	WEST DRY PIPE VALVE	PASS	PASS	N/A	VIKING	F-1	6"	FxG
HI/LO	WEST DRY PIPE VALVE	PASS	FAIL	20 PSI	POTTER	PS40-2A		
WPS	WEST DRY PIPE VALVE	PASS	PASS	PASS	POTTER	PS40-2A		
<b>BASE BUILDING SPRINKLER DEVICES</b>								
CV	ELEV. MACHINE ROOM EB 4/5 1.26.05	PASS	PASS	N/A	MILWAUKEE	BBALL	1"	TxT
CV	ELEVATOR EB 4/5 PIT	PASS	PASS	N/A	MILWAUKEE	BBALL	1"	TxT
CV	SECTIONAL CV BY STAIR SB-6 (MISSING SIGN)	FAIL	PASS	N/A	KENNEDY	BFLY	8"	GxG

Device Type	Location	Visual Insp	Functional Insp	Flow time	Make	Model	Size	Type
<b>DOCUMENT ALL "FAIL" RESULTS ON THE DEFICIENCY SUMMARY PAGE</b>								
CV	MAIN PHONE ROOM PREACTION RM 1.24.04	PASS	PASS	N/A	VICTAULIC	727	2"	GxG
DPV	MAIN PHONE ROOM PREACTION RM 1.24.04	PASS	PASS	N/A	VIKING	E-1	2"	GxT
CHECK	MAIN PHONE ROOM PREACTION RM 1.24.04	PASS	N/A	N/A	GRUVLOCK	7800 FP	2"	GxG
HI/LO	MAIN PHONE ROOM PREACTION RM 1.24.04	PASS	PASS	7 PSI	POTTER	PS10-1A		
WPS	MAIN PHONE ROOM PREACTION RM 1.24.04	PASS	PASS	PASS	POTTER	PS10-1A		
CV	HOSE VALVE RISER BY STAIR SB-6	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxG
CV	ELEVATOR EB-1/2 PIT	PASS	PASS	N/A	MILWAUKEE	BBALL	1"	TxT
CV	FREIGHT ELEV. BY STAIR SB-8	PASS	PASS	N/A	MILWAUKEE	BBALL	1"	TxT
CHECK	FDC INCOMING BY MECH ROOM 1.20.09	PASS	N/A	N/A	VIKING	MOD-G1	4"	GxG
CV	(S-2 SVC LVL) BREAK ROOM IN RM 1.17.01	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxG
CHECK	(S-2 SVC LVL) BREAK ROOM IN RM 1.17.01	PASS	N/A	N/A	VIKING	MOD-G1	4"	GxG
FS	(S-2 SVC LVL) BREAK ROOM IN RM 1.17.01	PASS	PASS	30 SEC	POTTER	VSR	4"	SADDLE
CV	(S-1 SVC LVL) BREAK ROOM IN RM 1.17.01	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxG
CHECK	(S-1 SVC LVL) BREAK ROOM IN RM 1.17.01	PASS	N/A	N/A	VIKING	MOD-G1	4"	GxG
FS	(S-1 SVC LVL) BREAK ROOM IN RM 1.17.01	PASS	PASS	50 SEC	POTTER	VSR	4"	SADDLE
CV	NEXT TO RM 1.09.09 ZONE E1 SRVC LVL	PASS	PASS	N/A	KENNEDY	BFLY	3"	GxG
CHECK	NEXT TO RM 1.09.09 ZONE E1 SRVC LVL	PASS	PASS	N/A	VIKING	MOD-G1	3"	GxG
FS	NEXT TO RM 1.09.09 ZONE E1 SRVC LVL	PASS	PASS	65 SEC	POTTER	VSR-F	3"	SADDLE
CV	NEXT TO RM 1.09.09 LOADING DOCK DRY	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxG
DPV	NEXT TO RM 1.09.09 LOADING DOCK DRY	PASS	PASS	N/A	VIKING	F-1	4"	FxG
HI/LO	NEXT TO RM 1.09.09 LOADING DOCK DRY	PASS	PASS	32 PSI	POTTER	PS10-2A		
WPS	NEXT TO RM 1.09.09 LOADING DOCK DRY	PASS	PASS	PASS	POTTER	PS10-2		
CV	AQUAD MAIN CONCOURSE RM 1.05.01	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxF
DPV	AQUAD MAIN CONCOURSE RM 1.05.01	PASS	PASS	N/A	VIKING	F-1	4"	FxG
HI/LO	AQUAD MAIN CONCOURSE RM 1.05.01	PASS	PASS	35 PSI	POTTER	PS40-2A		
WPS	AQUAD MAIN CONCOURSE RM 1.05.01	PASS	PASS	PASS	POTTER	PS10-2A		
CV	D QUAD CONCOURSE RM 1.05.01	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxF
DPV	D QUAD CONCOURSE RM 1.05.01	PASS	PASS	N/A	VIKING	F-1	4"	FxG
HI/LO	D QUAD CONCOURSE RM 1.05.01	PASS	PASS	35 PSI	POTTER	PS40-2A		
WPS	D QUAD CONCOURSE RM 1.05.01	PASS	PASS	PASS	POTTER	PS10-2A		
CV	DIRT STORAGE RM 1.05.01	PASS	PASS	N/A	GLOBAL SAFETY	BFLY	6"	GxG
DPV	DIRT STORAGE RM 1.05.01	PASS	PASS	N/A	VIKING	F-2	6"	GxG
HI/LO	DIRT STORAGE RM 1.05.01	PASS	PASS	30 PSI	POTTER	PS40-2A		
WPS	DIRT STORAGE RM 1.05.01	PASS	PASS	PASS	POTTER	PS10-2A		
CV	N/E ELEVATOR PIT	PASS	PASS	N/A	MILWAUKEE	BBALL	1"	TxT
CV	CONCOURSE LVL BY SEC. 129 (MISSING SIGN)	FAIL	DNT	N/A	KENNEDY	BFLY	4"	GxG
CV	CONCOURSE LVL BY SEC. 133 (MISSING SIGN)	FAIL	DNT	N/A	KENNEDY	BFLY	4"	GxG
CV	CONCOURSE LVL BY SEC. 144 (MISSING SIGN)	FAIL	DNT	N/A	KENNEDY	BFLY	4"	GxG
CV	CONCOURSE LVL BY SEC. 148 (MISSING SIGN)	FAIL	DNT	N/A	VICTAULIC	705W	4"	GxG
CV	UPPER CONCOURSE CONSESSION SEC. 516	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxF
DPV	UPPER CONCOURSE CONSESSION SEC. 516	PASS	FAIL	N/A	VIKING	F-1	4"	FxG

Device Type	Location	Visual Insp	Functional Insp	Flow time	Make	Model	Size	Type
<b>DOCUMENT ALL "FAIL" RESULTS ON THE DEFICIENCY SUMMARY PAGE</b>								
HI/LO	UPPER CONCOURSE CONCESSION SEC. 516	PASS	PASS	32 PSI	POTTER	PS40-2A		
WPS	UPPER CONCOURSE CONCESSION SEC. 516	PASS	PASS	PASS	POTTER	PS10-2A		
CV	EAST KITCHEN DRY IN RM 4.10.02	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxF
DPV	EAST KITCHEN DRY IN RM 4.10.02	PASS	PASS	N/A	VIKING	F-1	4"	FxG
HI/LO	EAST KITCHEN DRY IN RM 4.10.02	PASS	PASS	32 psi	POTTER	PS40-2A		
WPS	EAST KITCHEN DRY IN RM 4.10.02	PASS	PASS	PASS	POTTER	PS10-2A		
CV	EAST SCOREBOARD PRE ACTION RM 4.10.02	PASS	PASS	N/A	VICTAULIC	705W	4"	GxF
DPV	EAST SCOREBOARD PRE ACTION RM 4.10.02	PASS	PASS	N/A	VIKING	E-1	4"	FxG
CHECK	EAST SCOREBOARD PRE ACTION RM 4.10.02	PASS	N/A	N/A	VIKING	MOD-G1	4"	GxG
HI/LO	EAST SCOREBOARD PRE ACTION RM 4.10.02	PASS	PASS	PASS	POTTER	PS10-1A		
WPS	EAST SCOREBOARD PRE ACTION RM 4.10.02	PASS	PASS	PASS	POTTER	PS10-1A		
CV	WEST SCOREBOARD PRE ACTION RM 4.37.04	PASS	PASS	N/A	VICTAULIC	705W	4"	GxF
DPV	WEST SCOREBOARD PRE ACTION RM 4.37.04	PASS	PASS	N/A	VIKING	E-1	4"	FxG
CHECK	WEST SCOREBOARD PRE ACTION RM 4.37.04	PASS	PASS	N/A	VIKING	MOD-G1	4"	GxG
HI/LO	WEST SCOREBOARD PRE ACTION RM 4.37.04	PASS	PASS	PASS	POTTER	PS10-1A		
WPS	WEST SCOREBOARD PRE ACTION RM 4.37.04	PASS	PASS	PASS	POTTER	PS10-1A		
CV	SE UC AT COLUMN 524	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxG
DPV	SE UC AT COLUMN 524	PASS	FAIL	N/A	VIKING	F-1	4"	FxG
HI/LO	SE UC AT COLUMN 524	PASS	PASS	32 PSI	POTTER	PS10-2A		
WPS	SE UC AT COLUMN 524	PASS	PASS	PASS	POTTER	PS40-2A		
CV	SE UC AT COLUMN 524	OOS	OOS	OOS	RELIABLE	BFG-300	4"	GxG
DPV	SE UC AT COLUMN 524	OOS	OOS	OOS	RELIABLE	EX	4"	GxG
HI/LO	SE UC AT COLUMN 524	OOS	OOS	OOS	POTTER	PS10-2		
WPS	SE UC AT COLUMN 524	OOS	OOS	OOS	POTTER	PS25-2		
CV	NE UC AT COLUMN 502	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxG
DPV	NE UC AT COLUMN 502	PASS	PASS	N/A	VIKING	F-1	4"	FxG
HI/LO	NE UC AT COLUMN 502	PASS	PASS	32 PSI	POTTER	PS10-2A		
WPS	NE UC AT COLUMN 502	PASS	PASS	PASS	POTTER	PS40-2A		
CV	NE UC AT COLUMN 502	OOS	OOS	OOS	RELIABLE	BFG-300	4"	GxG
DPV	NE UC AT COLUMN 502	OOS	OOS	OOS	RELIABLE	EX	4"	GxG
HI/LO	NE UC AT COLUMN 502	OOS	OOS	OOS	POTTER	PS10-2		
WPS	NE UC AT COLUMN 502	OOS	OOS	OOS	POTTER	PS25-2		
CV	MECH. RM 3.19.01 (UPPER SUITES)	PASS	PASS	N/A	MILWAUKEE	BBALL	2"	TxT
DPV	MECH. RM 3.19.01 (UPPER SUITES)	PASS	PASS	N/A	GRINNELL	A-2	2"	TxT
HI/LO	MECH. RM 3.19.01 (UPPER SUITES)	PASS	PASS	23 PSI	POTTER	PS10-2A		
WPS	MECH. RM 3.19.01 (UPPER SUITES)	PASS	PASS	PASS	POTTER	PS40-2A		
CV	MECH. RM 3.19.01 (UPPER CONCORSE)	PASS	PASS	N/A	MILWAUKEE	BBALL	2"	TxT
DPV	MECH. RM 3.19.01 (UPPER CONCORSE)	PASS	PASS	N/A	GRINNELL	A-2	2"	TxT
HI/LO	MECH. RM 3.19.01 (UPPER CONCORSE)	PASS	FAIL	N/I	POTTER	PS10-2A		
WPS	MECH. RM 3.19.01 (UPPER CONCORSE)	PASS	PASS	PASS	POTTER	PS40-2A		
CV	MECH. RM 3.19.01 (UP STAIRS FROM 120)	PASS	PASS	N/A	KENNEDY	BFLY	3"	GxG

Device Type	Location	Visual Insp	Functional Insp	Flow time	Make	Model	Size	Type
<b>DOCUMENT ALL "FAIL" RESULTS ON THE DEFICIENCY SUMMARY PAGE</b>								
CHECK	MECH. RM 3.19.01 (UP STAIRS FROM 120)	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG
FS	MECH. RM 3.19.01 (UP STAIRS FROM 120)	PASS	PASS	46 SEC	POTTER	VSR-F	3"	SADDLE
CV	MECH. RM 3.09.01 (QUAD A UPR SUITES)	PASS	PASS	N/A	MILWAUKEE	BBALL	2"	TxT
DPV	MECH. RM 3.09.01 (QUAD A UPR SUITES)	PASS	PASS	N/A	RELIABLE	A	2"	GxG
HI/LO	MECH. RM 3.09.01 (QUAD A UPR SUITES)	PASS	PASS	32 PSI	POTTER	PS10-2A		
WPS	MECH. RM 3.09.01 (QUAD A UPR SUITES)	PASS	PASS	PASS	POTTER	PS40-2A		
CV	MECH. RM 3.09.01 (QUAD A UPR CONC)	PASS	PASS	N/A	MILWAUKEE	BBALL	2"	TxT
DPV	MECH. RM 3.09.01 (QUAD A UPR CONC)	PASS	PASS	N/A	RELIABLE	A	2"	GxG
HI/LO	MECH. RM 3.09.01 (QUAD A UPR CONC)	PASS	PASS	32 PSI	POTTER	PS10-2A		
WPS	MECH. RM 3.09.01 (QUAD A UPR CONC)	PASS	PASS	PASS	POTTER	PS40-2A		
CV	A QUAD MECH RM (3.09.01)	PASS	PASS	N/A	KENNEDY	BFLY	2.5"	GxG
CHECK	A QUAD MECH RM (3.09.01)	PASS	N/A	N/A	VIKING	MOD-G1	2.5"	GxG
FS	A QUAD MECH RM (3.09.01)	PASS	PASS	60 SEC	POTTER	VSR-F	2.5"	SADDLE
CV	C QUAD IN STRG RM 1.27.08	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxG
DPV	C QUAD IN STRG RM 1.27.08	PASS	PASS	N/A	VIKING	F-1	4"	FxG
HI/LO	C QUAD IN STRG RM 1.27.08	PASS	PASS	35 PSI	POTTER	PS10-2A		
WPS	C QUAD IN STRG RM 1.27.08	PASS	PASS	PASS	POTTER	PS40-2A		
CV	B QUAD IN STRG RM 1.27.08	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxG
DPV	B QUAD IN STRG RM 1.27.08	PASS	PASS	N/A	VIKING	F-1	4"	FxG
HI/LO	B QUAD IN STRG RM 1.27.08	PASS	PASS	35 PSI	POTTER	PS10-2A		
WPS	B QUAD IN STRG RM 1.27.08	PASS	PASS	PASS	POTTER	PS40-2A		
CV	U. CONCOURSE SE ELEVATOR EMR	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
FS	U. CONCOURSE SE ELEVATOR EMR	PASS	DNT	DNT	POTTER	VSR-F	1"	SCREW
CHECK	U. CONCOURSE SE ELEVATOR EMR	PASS	N/A	N/A	UNITED	BRASS	1.5"	TxT
CV	U. CONCOURSE SE ELEVATOR TOP OF SHAFT	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
FS	U. CONCOURSE SE ELEVATOR TOP OF SHAFT	PASS	DNT	DNT	POTTER	VSR-F	1"	SCREW
CHECK	U. CONCOURSE SE ELEVATOR TOP OF SHAFT	PASS	N/A	N/A	UNITED	BRASS	1.5"	TxT
CV	UPPER SUITES SE ELEVATOR LOBBY	PASS	PASS	N/A	KENNEDY	BFLY	3"	GxG
CHECK	UPPER SUITES SE ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG
FS	UPPER SUITES SE ELEVATOR LOBBY	PASS	PASS	22 SEC	POTTER	VSR-F	3"	SADDLE
CV	UPR. SUITES SE ELEVATOR LOBBY (BY ELEC RM)	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
CV	LWR SUITES SE ELEVATOR LOBBY	PASS	PASS	N/A	KENNEDY	BFLY	3"	GxG
CHECK	LWR SUITES SE ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG
FS	LWR SUITES SE ELEVATOR LOBBY	PASS	PASS	68 SEC	POTTER	VSR-F	3"	SADDLE
CV	LWR SUITES SE ELEC ROOM (IN HALLWAY)	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
CV	CLUB LEVEL SE ELEVATOR LOBBY	PASS	PASS	N/A	KENNEDY	BFLY	3"	GxG
CHECK	CLUB LEVEL SE ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG
FS	CLUB LEVEL SE ELEVATOR LOBBY	PASS	PASS	48 SEC	POTTER	VSR-F	3"	SADDLE
CV	CLUB LEVEL ELEC ROOM (IN OPEN AREA)	DNT	DNT	DNT				
CV	1ST FLOOR SE ELEVATOR LOBBY	PASS	FAIL	N/A	KENNEDY	BFLY	2.5"	GxG
CHECK	1ST FLOOR SE ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	2.5"	GxG



Device Type	Location	Visual Insp	Functional Insp	Flow time	Make	Model	Size	Type
<b>DOCUMENT ALL "FAIL" RESULTS ON THE DEFICIENCY SUMMARY PAGE</b>								
FS	1ST FLOOR SE ELEVATOR LOBBY	PASS	PASS	15 SEC	POTTER	VSR-F	2.5"	SADDLE
CV	U. CONCOURSE NE ELEVATOR EMR	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
FS	U. CONCOURSE NE ELEVATOR EMR	PASS	DNT	DNT	POTTER	VSR-F	1"	SCREW
CHECK	U. CONCOURSE NE ELEVATOR EMR	PASS	N/A	N/A	UNITED	BRASS	1.5"	TxT
CV	U. CONCOURSE NE ELEVATOR TOP OF SHAFT	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
FS	U. CONCOURSE NE ELEVATOR TOP OF SHAFT	PASS	DNT	DNT	POTTER	VSR-F	1"	SCREW
CHECK	U. CONCOURSE NE ELEVATOR TOP OF SHAFT	PASS	N/A	N/A	UNITED	BRASS	1.5"	TxT
CV	UPR. SUITES NE ELEVATOR LOBBY	PASS	DNT	N/A	KENNEDY	BFLY	3"	GxG
CHECK	UPR. SUITES NE ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG
FS	UPR. SUITES NE ELEVATOR LOBBY	PASS	PASS	54 SEC	POTTER	VSR-F	3"	SADDLE
CV	UPR. SUITES ELEVATOR LOBBY (BY ELEC RM)	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
CV	LWR. SUITES NE ELEVATOR LOBBY	PASS	PASS	N/A	KENNEDY	BFLY	3"	GxG
CHECK	LWR. SUITES NE ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG
FS	LWR. SUITES NE ELEVATOR LOBBY	PASS	PASS	35 SEC	POTTER	VSR-F	3"	SADDLE
CV	LWR. SUITES ELEVATOR LOBBY (BY ELEC RM)	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
CV	CLUB LEVEL NE ELEVATOR LOBBY	PASS	DNT	N/A	KENNEDY	BFLY	3"	GxG
CHECK	CLUB LEVEL NE ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG
FS	CLUB LEVEL NE ELEVATOR LOBBY	PASS	PASS	58 SEC	POTTER	VSR-F	3"	SADDLE
CV	CLUB LEVEL ELEVATOR LOBBY (BY ELEC RM)	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
CV	MAIN CONCOURSE NE ELEVATOR 1/2 PIT	PASS	DNT	N/A	KENNEDY	BFLY	2.5"	GxG
CHECK	MAIN CONCOURSE NE ELEVATOR 1/2 PIT	PASS	N/A	N/A	VIKING	MOD-G1	2.5"	GxG
FS	MAIN CONCOURSE NE ELEVATOR 1/2 PIT	PASS	PASS	32 SEC	POTTER	VSR-F	2.5"	SADDLE
CV	MC NE ELEVATOR LOBBY (ELEC RM)	DNT	DNT	DNT	MILWAUKEE	BBALL	2.5"	TxT
CV	U. CONCOURSE SW ELEVATOR EMR	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
FS	U. CONCOURSE SW ELEVATOR EMR	PASS	DNT	DNT	POTTER	VSR-F	1"	SCREW
CHECK	U. CONCOURSE SW ELEVATOR EMR	PASS	N/A	N/A	UNITED	BRASS	1.5"	TxT
CV	U. CONCOURSE SW ELEVATOR TOP OF SHAFT	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
FS	U. CONCOURSE SW ELEVATOR TOP OF SHAFT	PASS	DNT	DNT	POTTER	VSR-F	1"	SCREW
CHECK	U. CONCOURSE SW ELEVATOR TOP OF SHAFT	PASS	N/A	N/A	UNITED	BRASS	1.5"	TxT
CV	UPPER SUITES SW ELEVATOR LOBBY	PASS	PASS	N/A	KENNEDY	BFLY	3"	GxG
CHECK	UPPER SUITES SW ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG
FS	UPPER SUITES SW ELEVATOR LOBBY	PASS	PASS	48 SEC	POTTER	VSR-F	3"	SADDLE
CV	UPPER SUITES SW ELEC RM	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
CV	LWR. SUITES SW ELEVATOR LOBBY	PASS	PASS	N/A	KENNEDY	BFLY	3"	GxG
CHECK	LWR. SUITES SW ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG
FS	LWR. SUITES SW ELEVATOR LOBBY	PASS	PASS	50 SEC	POTTER	VSR-F	3"	SADDLE
CV	LWR. SUITES SW ELEVATOR LOBBY (ELEC RM)	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
CV	CLUB LEVEL SW ELEVATOR LOBBY	PASS	PASS	N/A	KENNEDY	BFLY	3"	GxG
CHECK	CLUB LEVEL SW ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG
FS	CLUB LEVEL SW ELEVATOR LOBBY	PASS	PASS	48 SEC	POTTER	VSR-F	3"	SADDLE
CV	CLUB LEVEL SW ELEVATOR LOBBY (ELEC RM)	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT

Device Type	Location	Visual Insp	Functional Insp	Flow time	Make	Model	Size	Type
<b>DOCUMENT ALL "FAIL" RESULTS ON THE DEFICIENCY SUMMARY PAGE</b>								
CV	PRESS LEVEL SW ELEVATOR LOBBY	PASS	PASS	N/A	KENNEDY	BFLY	2.5"	GxG
CHECK	PRESS LEVEL SW ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	2.5"	GxG
FS	PRESS LEVEL SW ELEVATOR LOBBY	PASS	PASS	20 SEC	POTTER	VSR-F	2.5"	SADDLE
CV	PRESS LEVEL SW ELECTRIC ROOM	PASS	PASS	N/A	MILWAUKEE	BBALL	2"	TxT
CV	MAIN CONCOURSE SW ELEVATOR LOBBY	PASS	PASS	N/A	KENNEDY	BFLY	2.5"	GxG
CHECK	MAIN CONCOURSE SW ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	2.5"	GxG
FS	MAIN CONCOURSE SW ELEVATOR LOBBY	PASS	PASS	22 SEC	POTTER	VSR-F	2.5"	SADDLE
CV	MAIN CONCOURSE SW ELEC ROOM	PASS	PASS	N/A	MILWAUKEE	BBALL	2"	TxT
CV	GENERATOR PLANT DRY PIPE VALVE	PASS	PASS	N/A	MILWAUKEE	OS&Y	4"	GxG
TS	GENERATOR PLANT DRY PIPE VALVE	PASS	FAIL	N/A	POTTER	OSYSU-2		
DPV	GENERATOR PLANT DRY PIPE VALVE	PASS	PASS	N/A	CENTRAL	DPV	4"	FxG
HI/LO	GENERATOR PLANT DRY PIPE VALVE	PASS	PASS	25 PSI	POTTER	PS40-2A		
WPS	GENERATOR PLANT DRY PIPE VALVE	PASS	PASS	PASS	POTTER	PS10-2A		
CHECK	GENERATOR PLANT FDC	PASS	N/A	N/A	CENTRAL	590	4"	GxG
WMG	GENERATOR PLANT WATER MOTOR GONG	PASS	FAIL	N/A	CENTRAL	F-1	6"	WALL
CV	SERVICE ELEVATOR RM 2.19.03 MC	PASS	PASS	N/A	VICTAULIC	705	2.5"	GxG
CHECK	SERVICE ELEVATOR RM 2.19.03 MC	PASS	N/A	N/A	VIKING	MOD-G1	2.5"	GxG
FS	SERVICE ELEVATOR RM 2.19.03 MC	PASS	PASS	42 sec	POTTER	VSR-F	2.5"	SADDLE
CV	SERVICE ELEVATOR RM 2.09.01 MC	PASS	PASS	N/A	KENNEDY	BFLY	2.5"	GxG
CHECK	SERVICE ELEVATOR RM 2.09.01 MC	PASS	N/A	N/A	VIKING	MOD-G1	2.5"	GxG
FS	SERVICE ELEVATOR RM 2.09.01 MC	PASS	PASS	30 SEC	POTTER	VSR-F	2.5"	SADDLE
CV	UPR CONCOURSE MENS ROOM AT SEC 537	PASS	PASS	N/A	KENNEDY	BFLY	4"	GxG
DPV	UPR CONCOURSE MENS ROOM AT SEC 537	PASS	PASS	N/A	VIKING	F-1	4"	FxG
HI/LO	UPR CONCOURSE MENS ROOM AT SEC 537	PASS	FAIL	0 PSI	SYSTEM SENSOR	EPS10-2		
WPS	UPR CONCOURSE MENS ROOM AT SEC 537	PASS	PASS	PASS	POTTER	PS40-2A		
CV	U. CONCOURSE NW ELEVATOR EMR	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
FS	U. CONCOURSE NW ELEVATOR EMR	PASS	DNT	DNT	POTTER	VSR-F	1"	SCREW
CHECK	U. CONCOURSE NW ELEVATOR EMR	PASS	N/A	N/A	UNITED	BRASS	1.5"	TxT
CV	U. CONCOURSE NW ELEVATOR TOP OF SHAFT	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
FS	U. CONCOURSE NW ELEVATOR TOP OF SHAFT	PASS	DNT	DNT	POTTER	VSR-F	1"	SCREW
CHECK	U. CONCOURSE NW ELEVATOR TOP OF SHAFT	PASS	N/A	N/A	UNITED	BRASS	1.5"	TxT
CV	UPR. SUITES NW ELEVATOR LOBBY	PASS	DNT	N/A	KENNEDY	BFLY	3"	GxG
CHECK	UPR. SUITES NW ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG
FS	UPR. SUITES NW ELEVATOR LOBBY	PASS	PASS	40 SEC	POTTER	VSR-F	3"	SADDLE
CV	UPR. SUITES NW ELEVATOR LOBBY (ELEC RM)	PASS	PASS	N/A	MILWAUKEE	BBALL	2"	TxT
CV	LWR. SUITES NW ELEVATOR LOBBY	PASS	FAIL	N/A	VICTAULIC	705	3"	GxG
CHECK	LWR. SUITES NW ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG
FS	LWR. SUITES NW ELEVATOR LOBBY	PASS	PASS	42 SEC	POTTER	VSR-F	3"	SADDLE
CV	LWR. SUITES NW ELEVATOR LOBBY (ELEC RM)	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
CV	CLUB LEVEL NW ELEVATOR LOBBY	PASS	PASS	N/A	KENNEDY	BFLY	3"	GxG
CHECK	CLUB LEVEL NW ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	3"	GxG

Device Type	Location	Visual Insp	Functional Insp	Flow time	Make	Model	Size	Type
<b>DOCUMENT ALL "FAIL" RESULTS ON THE DEFICIENCY SUMMARY PAGE</b>								
FS	CLUB LEVEL NW ELEVATOR LOBBY	PASS	PASS	46 SEC	POTTER	VSR-F	3"	SADDLE
CV	CLUB LEVEL NW ELEVATOR LOBBY (ELEC RM)	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
CV	PRESS LEVEL NW ELEVATOR LOBBY	PASS	PASS	N/A	KENNEDY	BFLY	2.5"	GxG
CHECK	PRESS LEVEL NW ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	2.5"	GxG
FS	PRESS LEVEL NW ELEVATOR LOBBY	PASS	PASS	50 SEC	POTTER	VSR-F	2.5"	SADDLE
CV	PRESS LEVEL NW ELECTRIC ROOM	PASS	PASS	N/A	MILWAUKEE	BBALL	2"	TxT
CV	MAIN CONCOURSE NW ELEVATOR LOBBY	PASS	PASS	N/A	KENNEDY	BFLY	2.5"	GxG
CHECK	MAIN CONCOURSE NW ELEVATOR LOBBY	PASS	N/A	N/A	VIKING	MOD-G1	2.5"	GxG
FS	MAIN CONCOURSE NW ELEVATOR LOBBY	PASS	PASS	48 SEC	POTTER	VSR-F	2.5"	SADDLE
CV	MAIN CONCOURSE NW ELEC ROOM	PASS	PASS	N/A	MILWAUKEE	BBALL	1.5"	TxT
CV	PRESS LEVEL ELEVATOR LOBBY (IN ELEC RM)	PASS	PASS	N/A	KENNEDY	BFLY	2.5"	GxG
CHECK	PRESS LEVEL ELEVATOR LOBBY (IN ELEC RM)	PASS	N/A	N/A	VIKING	MOD-G1	2.5"	GxG
FS	PRESS LEVEL ELEVATOR LOBBY (IN ELEC RM)	PASS	DNT	DNT	POTTER	VSR-F	2.5"	SADDLE
CV	SERVICE LEVEL SHOP 1.17.01	OOS	OOS	OOS	RELIABLE	BFG-300	4"	GxG
DPV	SERVICE LEVEL SHOP 1.17.01	OOS	OOS	OOS	RELIABLE	EX	4"	GxG
HI/LO	SERVICE LEVEL SHOP 1.17.01	OOS	OOS	OOS	POTTER	PS10-2		
WPS	SERVICE LEVEL SHOP 1.17.01	OOS	OOS	OOS	POTTER	PS25-2		
CV	WET SYSTEM PRESS LVL RM 3.24.04	FAIL	N/I	N/I	KENNEDY	BFLY	3"	GxG
CHECK	WET SYSTEM PRESS LVL RM 3.24.04	PASS	N/I	N/I	VIKING	MOD-G1	3"	GxG
FS	WET SYSTEM PRESS LVL RM 3.24.04	PASS	N/I	N/I	POTTER	VSR-F	3"	SADDLE
CV	RACK ROOM PREACTION IN RM 3.24.04	N/I	N/I	N/I	VICTAULIC	705	3"	GxG
DPV	RACK ROOM PREACTION IN RM 3.24.04	N/I	N/I	N/I	VIKING	E-1	3"	GxG
CHECK	RACK ROOM PREACTION IN RM 3.24.04	N/I	N/I	N/I	VIKING	MOD-G1	3"	GxG
HI/LO	RACK ROOM PREACTION IN RM 3.24.04	N/I	N/I	N/I	POTTER	PS10-2		
WPS	RACK ROOM PREACTION IN RM 3.24.04	N/I	N/I	N/I	POTTER	PS40-2		
CV	CLUB LEVEL ABOVE BAR AT SEC 236	PASS	N/I	N/I	KENNEDY	BFLY	4"	GxG
CV	CLUB LEVEL ABOVE BAR AT SEC 236	PASS	N/I	N/I	KENNEDY	BFLY	4"	GxG
CV	CLUB LEVEL ABOVE CONSESSION AT SEC 226	PASS	N/I	N/I	KENNEDY	BFLY	4"	GxG
CV	CLUB LEVEL AT AV/TELE RM 4.23.03	PASS	N/I	N/I	KENNEDY	BFLY	4"	GxG
CV	CLUB LEVEL FREIGHT LOBBY 4.19.04	FAIL	PASS	PASS	KENNEDY	BFLY	2.5"	GxG
CV	CLUB LEVEL ABOVE BAR AT SEC 217	PASS	N/I	N/I	KENNEDY	BFLY	4"	GxG



**DEFICIENCIES AND RECOMENDATIONS SUMMARY**

Date: 8/13-24/2018	ANNUAL SPRINKLER	Inspector: ROB P./ KYLE H.
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**Deficiencies:**

ALL FLOWS TESTED WITH FIRE PUMP OFF, USING JOCKEY PUMP FOR FLOWS PER CUSTOMER REQUEST.

ALL DRY/ PREACTION VALVES TESTED WITH THE FIRE PUMP OFF, PER CUSTOMER REQUEST.

- 1) PUMP ROOM, JOCKEY PUMP CONTROL VALVE MISSING SIGN.
- 2) FIRE PUMP ROOM MAIN FLOW GAUGE OUT OF DATE (NOT ON A 3-WAY VALVE)
- 3) NO ACCESS TO ANY SUITES FOR SPRINKLER HEAD VISUAL INSPECTION.
- 4) CONCOURSE LEVEL CONTROL VALVE, MISSING SIGN BY SECTION 129. NEED LIFT TO ACCESS
- 5) CONCOURSE LEVEL CONTROL VALVE, MISSING SIGN BY SECTION 133. NEED LIFT TO ACCESS
- 6) CONCOURSE LEVEL CONTROL VALVE, MISSING SIGN BY SECTION 144. NEED LIFT TO ACCESS
- 7) CONCOURSE LEVEL CONTROL VALVE, MISSING SIGN BY SECTION 148. NEED LIFT TO ACCESS
- 8) 3RD FLOOR SE ELEVATOR LOBBY EXPRESS DRAIN LEAKS WHEN TESTING FLOWS. 1" PIPE NEEDS TO BE REPLACED.
- 9) 1ST FLOOR SE ELEVATOR LOBBY CONTROL VALVE NEEDS TO BE FREED OF RESTRICTIVE MOVEMENT FROM WALL. UNABLE TO EXERCISE THROUGH FULL RANGE.
- 10) WEST DRY PIPE VALVE IN SPRINKLER ROOM HI/LO AIR PRESENTS SUPERVISORY ALARM AFTER THE DPV HAS TRIPPED, NEED TO ADJUST HI/LO AIR SWITCH TO COME IN BEFORE TRIP PRESSURE.
- 11) GENERATOR PLANT HI/LO SWITCH ON GENERATOR PLANT DRY PIPE VALVE PRESENTS SUPERVISORY SIGNAL AT BELOW THE DPV TRIP PRESSURE. NEEDS TO BE ADJUSTED.
- 12) GENERATOR PLANT DRY PIPE VALVE CONTROL VALVE TAMPER SWITCH NEEDS TO BE ADJUSTED. DID NOT FUNCTION WITH TURN OF OS&Y.
- 13) GENERATOR PLANT WATER MOTOR GONG DID NOT FUNCTION.
- 14) NW ELEVATOR LOBBY FOR UPPER SUITES FLOW SWITCH TESTED MANUALLY DUE TO NOT BEING ABLE TO OPEN INSPECTORS TEST VALVE, BLOCKED BY DRYWALL.
- 15) NW ELEVATOR LOBBY LOWER SUITES CONTROL VALVE DID NOT REPORT TO FACP.
- 16) NW PRESS LEVEL ELEVATOR LOBBY EXPRESS DRAIN LEAKS. 1.25" PIPE NEEDS TO BE REPLACED. ONLY LEAKS WHEN FLOWING WATER.
- 17) BREAK ROOM ON SERVICE LEVEL SYSTEM S-1 LEAKS AT EXPRESS DRAIN. NEEDS TO BE
- 18) DRY PIPE VALVE UPPER CONCOURSE, SECTION 516 HEAVILY CORRODED INTERNALS. RECOMMEND DRY PIPE REBUILD OR REPLACEMENT.
- 19) DRY PIPE VALVE UPPER CONCOURSE, SECTION 524 HEAVILY CORRODED INTERNALS. RECOMMEND DRY PIPE REBUILD OR REPLACEMENT.
- 20) DRY PIPE VALE, UPPER CONCOURSE SECTION 516, 2X GAUGES OUT OF DATE 1X AIR, 1X WATER. ON 3-WAY VALVE. NEEDS TO BE REPLACED.
- 21) DRY PIPE VALE, UPPER CONCOURSE SECTION 524, 2X GAUGES OUT OF DATE 1X AIR, 1X WATER. ON 3-WAY VALVE. NEEDS TO BE REPLACED.
- 22) DRY PIPE VALE, UPPER CONCOURSE SECTION 524, 1X GAUGES OUT OF DATE 1X AIR, ON A 3-WAY VALVE. NEEDS REPLACED.
- 23) DRY PIPE VALVE, UPPER CONCOURSE SECTION 537 HI/LO AIR SWITCH NEEDS TO BE ADJUSTED. SUP. SIGNAL ALARMS AFTER TRIP PRESSURE

24) MAIN CONCOURSE NORTH EAST ELEVATOR 1/2 PIT CONTROL VALVE NOT TESTED DUE TO NO ACCESS.
25) MAIN CONCOURSE NORTH EAST ELEVATOR LOBBY FOR ELECTRIC ROOM NOT TESTED DUE TO NO ACCESS.
26) MISSING ESCUTCHEON RING FOR A VIKING CHROME PENDANT .50" 155°F SPRINKLER HEAD IN THE FOLLOWING LOCATIONS: IN FRONT OF SUITE 3RD FLOOR STAIR 3, AT SUITE 304, AT SUITE E329, AT SUITE 344, BY SUITE 348, BY ROOM 4.12.05, 2X RINGS MISSING BY SEC 251, BY CLUB LEVEL ROOM 4.10.02, NEAR MENS ROOM AT SEC 219.
27) PAINTED SPRINKLER HEADS IN THE FOLLOWING LOCATION(S) (VIKING CHROME PENDANT .50" 155°F SPRINKLER HEAD) INFRONT OF SUITE 416, AT SUITE 329.
28) EAST KITCHEN DRY PIPE VALVE HAS 2X GAUGES OUT OF DATE. NEEDS TO BE REPLACED 1X AIR, 1X WATER GAUGE, BOTH ON A 3-WAY VALVE.
29) MECH. RM 3.19.01 (UPPER CONCOURSE) DRY PIPE VALVE, HI/LO SWITCH SUPERVISORY SIGNAL REPORTS TO FACP AFTER TRIP PRESSURE, NEEDS TO BE ADJUSTED.
30) MECH. RM 3.19.01 UPPER CONCOURSE AND UPPER SUITES DRY PIPE VALVE HAVE 4X GAUGES OUT OF DATE REQUIRING REPLACEMENT. 2X AIR GAUGES, 2X WATER GAUGES. 3-WAY VALVE PRESENT FOR ALL GAUGES.
31) WET SYSTEM PRESS LVL RM 3.24.04 CONTROL VALVE MISSING "CONTROL VALVE" SIGN.
32) ALL DRY AND WET SPRINKLER SYSTEMS NEED TO HAVE HYDRAULIC DATA INFORMATION PLATES. THIS INFORMATION CAN BE RETRIEVED FROM THE INSTALLING CONTRACTORS.
33) MAIN PHONE ROOM PRE ACTION HAS 3X GAUGES OUT OF DATE 1X AIR GAUGE, 2X WATER GAUGE, 3- WAY VALVE PRESENT FOR ALL GAUGES.
34) THE FOLLOWING 4TH FLOOR UPPER SUITE AREAS ARE MISSING ESCUTCHEON RINGS. *NEXT TO 429* NEXT TO 446* NEXT TO 446 2X RINGS ON ONE HEAD* (VIKING CHROME PENDANT .50" 155°F)
35) THE FOLLOWING 3RD FLOOR LOWER SUITE AREAS ARE MISSING ESCUTCHEON RINGS *NEXT TO 348* BETWEEN 345&344* AT 339* BETWEEN 329&328* BETWEEN 303*302* BETWEEN-371&370* (VIKING CHROME PENDANT .50" 155°F)
36) THE FOLLOWING 3RD FLOOR CLUB LEVEL AREAS ARE MISSING ESCUTCHEON RINGS * OUTSIDE MENS ROOM BY 4.19.04* NEXT TO 4.10.02 ELECTRICAL SECTION 210* NEXT TO WOMENS ROOM AT SEC. 209* SEC. 205 OUTSIDE OF CONSESSION SUPPORT 4.08.05* SEC. 202 OUTSIDE OF A/V TELECOM RM 4.03.02* SEC. 251&250 OUTSIDE WOMENS ROOM EXIT* SEC. 250&249 OUTSIDE WOMENS ROOM ENTRANCE MID HALL* SEC 245 WOMEN RM IN MID HALL* (VIKING CHROME PENDANT .50" 155°F)
37) THE FOLLOWING PRESS LEVEL AREAS ARE MISSING ESCUTCHEON RINGS. *OUTSIDE DINING ROOM DOOR 3.25.06* INSIDE DINNING ROOM ABOVE FOOD COUNTER* INSIDE DINING ROOM NEXT TO EXIT TO PRESS BOX* INSIDE DINING BACK ROOM BACK CORNER NEXT TO ROOM 3.24.08* *INSIDE DINNING ROOM ACROSS FROM ROOM 3.24.08*
38) STAFF LACKER ROOM IN RAVENS LOCKER ROOM 2X SPRINKLER HEADS MISSING ESCUTCHEON RINGS IN THE SHOWER ARE (VIKING CHROME PENDANT .50" 155°F)
39) MEDIA RACK ROOM PRE ACTION NOT INSPECTED AT THIS TIME PER CUSTOMER REQUEST.
40) EAST SCOREBOARD PRE ACTION SYSTEM HAS 3 GAUGES OUT OF DATE 2X WATER GAUGES 1X AIR GAUGE. NEED TO BE REPLACED, ALL GAUGES ON A 3 WAY VALVE.
41) EAST SCORE BOARD PREACTION SOLENOID NEEDS TO BE REPLACED. SOLENOID FAILED TO RELEASE PRIMING WATER AND STAY OPEN.
42) WEST SCORE BOARD PREACTION SOLENOID NEEDS TO BE REPLACED. SOLENOID FAILED TO RELEASE PRIMING WATER AND STAY OPEN.

43) EAST SCOREBOARD PRE ACTION SYSTEM HAS 3 GAUGES OUT OF DATE 2X WATER GAUGES  
1X AIR GAUGE. NEED TO BE REPLACED, ALL GAUGES ON A 3 WAY VALVE.

44) CONTROL VALVES IN THE FOLLOWING AREAS NOT TESTED DUE TO OBTRUCTIONS AND UN-  
SAFE ACCESS. 2X SEC. 236 CLUB LEVEL ABOVE BAR, SEC 226 CLUB LEVEL ABOVE CONSESSION  
AREA, CLUB LEVEL AT AV/TELE ROOM 4.23.03, SEC 217 AT BAR ABOVE CEILING.

45) CONTROL VALVE SIGN AT CLUB LEVEL FREIGHT ELEVATOR LOBBY 4.19.04.

**RECOMMENDATIONS:**

1) 5 YEAR INTERNAL CHECK VALVE INSPECTION DUE ON ALL CHECK VALVES.

2) 5 YEAR INTERNAL PIPE INSPECTION DUE FOR BASE BUILDING SPRINKLER SYSTEM, TO INCLU  
DE DRY PIPE VALVES, PREACTION VALVES, AND WET VALVES.

3) 5 YEAR FIRE DEPARTMENT CONNECTION HYDROSTATIC TESTING IS DUE FOR ALL FDC'S.

4) 3 YEAR LEAK DOWN TEST DUE ON ALL DRY PIPE VALVES, AND PREACTION VALVES.

5) TEST OF MEDIA RACK ROOM PRE-ACTION NEEDS TO BE SCHEDULED AT THE SAME TIME AS  
THE TEST OF THE FM-200 CLEAN AGENT SYSTEM FOR THAT AREA.

6) RECOMMEND PLACING NITROGEN GENERATOR ON ALL NEW RELIABLE DRY PIPE VALVES,  
NITROGEN GENERATOR AS OPPOSED TO ATMOSPHERIC AIR COMPRESSOR WILL REDUCE INT-  
ERNAL PIPE OXIDATION AND INCREASE LONGEVITY OF SYSTEM INTERGRITY.

7) RECOMMEND PLACING NITROGEN GENERATOR ON ALL 4 VIKING TOTAL PACK PRE ACTION  
SPRINKLER VALVES. NITROGEN GENERATOR AS OPPOSED TO ATMOSPHERIC AIR COMPRESS-  
OR WILL REDUCE INTERNAL PIPE OXIDATION AND INCREASE LONGEVITY OF SYSTEM INTERGR