

1027 Mt. DeChantal Road, Wheeling, WV 26003 304.242.8248 • Fax 304.242.8249 www.mgarc.com • mg1@mgarc.com

West Virginia Community and Technical College System
West Virginia University - Parkersburg
M&G Project No. 18-053
Request for Bids No. 19061

ADDENDUM NO. 2

October 22, 2018

I. BIDDING REQUIREMENTS:

Notice To Bidders:

- A. The date for receipt of bids is changed to the following, at the same time and location.
 - 1. Bid Date: October 29, 2018.

II. CLARIFICATIONS:

General:

- A. Replace:
 - 1. Replace Courtyard Sheet C2.0 with Courtyard Sheet C2.0 as attached to this Addendum.
- B. Add:
 - 1. Add Sprinkler Inspection and Testing Report as attached to this Addendum.

Questions:

A. Specification Section 033000, Cast-In-Place Concrete, calls out the compressive strength of the concrete for the exterior slabs, sidewalks and paving. What should we use for the walls and foundations?

Answer: The walls and foundations shall have the same compressive strength.

A. Are we to use synthetic fiber reinforcement called out in the concrete specifications or the welded wire fabric called out on the drawings? Or both?

Answer: Use both WWF and fiber reinforcement.

B. Are there original drawings that show steel on the section being reroofed?

Answer: Please see previous Addendum for roofing system changes.

C. Some drains measure 56 feet from the parapet wall. At ¼-inch per ft. slope, the insulation height would be 14 inches. The parapet wall height in some places is only one inch. How should this be handled?

Answer: Please see previous Addendum for roofing system changes.

D. Can the Owner provide information from the original construction drawings or specs concerning roofing insulation?

Answer: Please see previous Addendum for roofing system changes.

E. On the Base Bid Stair Foundation Plan 4/C2.0, should there be a foundation under the wall on the other side of the steps? The detail cutting through the steps 3/C4.0 shows what looks like a cheek wall on the steps. I just wondered with the seating steps on the opposite side, if that would require a full height wall there.

Answer: Yes. See reissued Sheet C2.0, attached to this Addendum.

F. On Drawing A2.0 where note shows tying into existing building, will a footing be required there also?

Answer: No foundation is required. Provide ½" diameter smooth dowels at 12" on center. Drill 8" into existing slab - typical.

G. Will the results of the water flow test that was conducted be made public to the potential bidders for the wet sprinkler system?

Answer: See Sprinkler Inspection and Testing Report as attached to this Addendum.

H. Will the paved areas on the east and west sides of the building be available for contractor use to be temporarily blocked to set up equipment if needed for different phases of the project?

Answer: Please see the following response from the Owner's Representative: We will do our best to work with the contractor on this. We can certainly close off areas for SHORT periods of time. As far as the receiving dock behind the "Banana Wing", we have to maintain at least one lane to that dock for deliveries at all times.

West Virginia University - Parkersburg Renovations at Main Building Addendum No. 2 Page 3

Respectfully submitted,

M&G ARCHITECTS & ENGINEERS

Dana L Brooks, ATA

Dana L. Brooks, AIA Project Architect

Attachments: Sprinkler Inspection and Testing Report

Addendum Courtyard Drawing C2.0

cc: All Attendees and Plan Holders

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West Virginia University - Parkersburg Renovations at Main Building Addendum No. 2 Page 4

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. 2 FOR WEST VIRGINIA UNIVERSITY - PARKERSBURG RENOVATIONS AT MAIN BUILDING REQUEST FOR BIDS NO. 19061

I,	of	hereby
(name)		mpany)
	a copy of Addendum No. 2 with all its ass this acknowledgement is returned to	
	(co	mpany name)
		(name)
		(date)

Upon receipt, fax or email this page to 304/242-8249 or mg1@mgarc.com

Sprinkler Inspection Certificate

For

WVU Parkersburg - Main Bldg 300 Campus Drive Parkersburg, WV 26101

Tested to NFPA 25 Standards

This Inspection was performed in accordance with applicable NFPA Standards. The subsequent pages of this report provide performance measurements, listed ranges of acceptable results, and complete documentation of the inspection. Whenever discrepancies exist between acceptable performance standards and actual test results, notes and/or recommended solutions have been proposed or provided for immediate review and approval.

Inspection Date Jul 23, 2018

> Building: WVU Parkersburg - Main Bldg Contact: David Gates Title: unknown

Company: Brewer and Company Contact: Robbie Alloway Title: Inspector

Executive Summary

Generated by: BuildingReports.com

Building Information

Building: WVU Parkersburg – Main Bldg **Contact:** David Gates **Address:** 300 Campus Drive **Phone:** 304–834–7366

Address: Fax: City/State/Zip: Parkersburg, WV 26101 Mobile:

Country: United States of America Email: david.gates@wvup.edu

Inspection Performed By

Company: Brewer and Company Inspector: Robbie Alloway

Address: 3601 7th Ave **Phone**: 304–550–1704

Address: Fax:
City/State/Zip: Charleston, WV 25387 Mobile:

Country: United States of America Email: robbie.alloway@brewerfire.com

System Control Unit

System Type	System Location	Protected Area	Devices
Cross Conn. Control	Basement		1
Cross Conn. Control	Fire Pump Room		2
Cross Conn. Control	PUMP ROOM		1
Wet Pipe	0418 Hallway	Floors-	1
Wet Pipe	Crawl Space Audioturium	Floors-	3
Wet Pipe	Fire Pump Room		23
Wet Pipe	Ground Shop		1
Wet Pipe	H 15	Floors-	3
Wet Pipe	H12	Floors-	4
Wet Pipe	H23		4
Wet Pipe	Hallway 13-14	Floors-	3
Wet Pipe	Out Front Library	Floors-	3
Wet Pipe	Penthouse		4
Wet Pipe	S1-4		3
Wet Pipe	S5 1st Floor		3
Wet Pipe	S5 1st Floor	Floors-	1
Wet Pipe	S5 2nd Floor		4
Wet Pipe	S5 3rdFloor		4
Wet Pipe	Science Wing	Floors-	6

Inspection Summary										
	Tota	l Items	Ser	viced	Pa	ssed	Failed	/Other		
Category	Qty	%	Qty	%	Qty	%	Qty	%		
Valve	33	44.59%	0	0%	0	0%	0	0%		
Device	4	5.41%	0	0%	0	0%	0	0%		
Sprinkler	3	4.05%	0	0%	0	0%	0	0%		
Pump	7	9.46%	1	14.29%	1	100.00%	0	0%		
Alarm	27	36.49%	0	0%	0	0%	0	0%		
Totals	74	100%	1	1.35%	1	100.00 %	0	0%		

Certification

Company: Brewer and Company

Inspector: Robbie Alloway

Signed: Jul 23, 2018 11:27:35 AM

Building: WVU Parkersburg - Main Bldg

Contact: David Gates

Signed: Jul 23, 2018 11:27:47 AM

Robbie Alloway

Ttoobie Tillo way								
Certification Type	Number							
ASSE Backflow Protection Assembly Tester	05122733							
Ohio State License – Sprinkler/Standpipe	54.84.1140							
West Virginia License - Backflow Prevention Assembly Inspector/Tester	WVOP29711							

Inspection & Testing

Generated by: BuildingReports.com

Building: WVU Parkersburg - Main Bldg

The Inspection & Testing section lists all of the items inspected in your building. Items are grouped by Passed or Failed/Other. Items are listed by Category. Each item includes the services performed, and the time & date at which testing occurred.

Device Type	Location	Service	Time	Date
	Pass	sed		
Fire Pump Room	Wet Pipe			
Pump	Fire Pump Room	Annual	8:05:30 AM	07/23/2018
	Unte	sted		
Basement Cross (Conn. Control			
Backflow Prevention	Boiler Room			
Fire Pump Room	Cross Conn. Control			
Backflow Prevention	PumP Room			
Backflow Prevention	Pump Room			
PUMP ROOM Cros				
Backflow Prevention	PumP ROOM			
0418 Hallway We	t Pipe. Floors-			
Drain	Basement			
Crawl Space Audi	oturium Wet Pipe, Floors-			
Waterflow Switch	Crawl Space			
Control Valve	Crawl Space			
Inspector's Test	Crawl Space			
Fire Pump Room	Wet Pipe			
Tamper Switch	Pump Room			
Tamper Switch	Fire Pump Room			
Tamper Switch	Fire Pump Room			
Tamper Switch	Fire Pump Room			
Tamper Switch	Fire Pump Room			
Tamper Switch	Fire Pump Room			
Waterflow Switch	Fire Pump Room			
Controller	Fire Pump Room			
Diesel Driver	Fire Pump Room			
Fire Pump Gauge	Fire Pump Room			
Fire Pump Gauge	fire Pump Room			
Jockey Controller	Fire Pump Room			
Jockey Pump	Fire Pump Room			
Sprinkler Box	Fire Pump Room			
Sprinkler Box Spares	Fire Pump Room			
Wrenches	Fire Pump Room			
Control Valve	Fire Pump Room			
Control Valve	Fire Pump Room			

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Waterflow Switch Penthouse Gauge Penthouse Control Valve Penthouse Inspector's Test Penthouse S1-4 Wet Pipe Waterflow Switch Stairwell Control Valve Stairwell Inspector's Test Stairwell S5 1st Floor Wet Pipe Tamper Switch 1st Floor Waterflow Switch 1st Floor Control Valve 1st Floor S5 1st Floor Wet Pipe, Floors— Inspector's Test Stairwell S5 2nd Floor Wet Pipe	Control Valve	1st Floor			
Gauge Penthouse Control Valve Penthouse Inspector's Test Penthouse S1-4 Wet Pipe Waterflow Switch Stairwell Control Valve Stairwell Inspector's Test Stairwell S5 1st Floor Wet Pipe Tamper Switch 1st Floor Waterflow Switch 1st Floor Control Valve 1st Floor S5 1st Floor Wet Pipe, Floors— Inspector's Test Stairwell S5 2nd Floor Wet Pipe	Penthouse Wet P	ipe			
Control Valve Penthouse Inspector's Test Penthouse S1-4 Wet Pipe Waterflow Switch Stairwell Control Valve Stairwell Inspector's Test Stairwell S5 1st Floor Wet Pipe Tamper Switch 1st Floor Waterflow Switch 1st Floor Control Valve 1st Floor S5 1st Floor Wet Pipe, Floors— Inspector's Test Stairwell S5 2nd Floor Wet Pipe	Waterflow Switch				
Inspector's Test Penthouse S1-4 Wet Pipe Waterflow Switch Stairwell Control Valve Stairwell Inspector's Test Stairwell S5 1st Floor Wet Pipe Tamper Switch 1st Floor Waterflow Switch 1st Floor Control Valve 1st Floor S5 1st Floor Wet Pipe, Floors— Inspector's Test Stairwell S5 2nd Floor Wet Pipe	_				
S1-4 Wet Pipe Waterflow Switch Stairwell Control Valve Stairwell Inspector's Test Stairwell S5 1st Floor Wet Pipe Tamper Switch 1st Floor Waterflow Switch 1st Floor Control Valve 1st Floor S5 1st Floor Wet Pipe, Floors— Inspector's Test Stairwell S5 2nd Floor Wet Pipe					
Waterflow Switch Stairwell Control Valve Stairwell Inspector's Test Stairwell S5 1st Floor Wet Pipe Tamper Switch 1st Floor Waterflow Switch 1st Floor Control Valve 1st Floor S5 1st Floor Wet Pipe, Floors— Inspector's Test Stairwell S5 2nd Floor Wet Pipe		Pentnouse			
Control Valve Stairwell Inspector's Test Stairwell S5 1st Floor Wet Pipe Tamper Switch 1st Floor Waterflow Switch 1st Floor Control Valve 1st Floor S5 1st Floor Wet Pipe, Floors— Inspector's Test Stairwell S5 2nd Floor Wet Pipe	-	Chaimarall			
Inspector's Test Stairwell S5 1st Floor Wet Pipe Tamper Switch 1st Floor Waterflow Switch 1st Floor Control Valve 1st Floor S5 1st Floor Wet Pipe, Floors— Inspector's Test Stairwell S5 2nd Floor Wet Pipe					
S5 1st Floor Wet Pipe Tamper Switch 1st Floor Waterflow Switch 1st Floor Control Valve 1st Floor S5 1st Floor Wet Pipe, Floors— Inspector's Test Stairwell S5 2nd Floor Wet Pipe					
Tamper Switch 1st Floor Waterflow Switch 1st Floor Control Valve 1st Floor S5 1st Floor Wet Pipe, Floors— Inspector's Test Stairwell S5 2nd Floor Wet Pipe	·				
Waterflow Switch 1st Floor Control Valve 1st Floor S5 1st Floor Wet Pipe, Floors— Inspector's Test Stairwell S5 2nd Floor Wet Pipe					
Control Valve 1st Floor S5 1st Floor Wet Pipe, Floors— Inspector's Test Stairwell S5 2nd Floor Wet Pipe					
S5 1st Floor Wet Pipe, Floors- Inspector's Test Stairwell S5 2nd Floor Wet Pipe					
Inspector's Test Stairwell S5 2nd Floor Wet Pipe					
S5 2nd Floor Wet Pipe		•			
·		t Pipe			
		-			

Device Type	Location	Service	Time	Date
Waterflow Switch	Stairwell			
Control Valve	2nd Floor			
Inspector's Test	Stairwell			
S5 3rdFloor Wet P	ipe			
Tamper Switch	Stairwell			
Waterflow Switch	Stairwell			
Control Valve	Stairwell			
Inspector's Test	Stairwell			
Science Wing Wet	Pipe, Floors-			
Tamper Switch	Basement			
Waterflow Switch	Basement			
Waterflow Switch	Basement			
Drain	Basement			
Control Valve	Basement			
Control Valve	Basement H-01			

Wet Pipe Fire Sprinkler Systems

Generated by: BuildingReports.com

Building: WVU Parkersburg - Main Bldg 0418 Hallway, Floors-

A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.

	Devices									
Drain	Drain									
Туре	Location	Size	Supply psi	Static psi	Residual psi	Sec	ОК	ScanID		
Sectiona I	Basement	2"						22762874		

Building:	Building: WVU Parkersburg - Main Bldg Crawl Space Audioturium, Floors-										
A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.											
Alarms											
Waterflo	w Swite	ch									
Туре		Manufact	turer	Model	# S	ec	Size	Zone	e/Address	ОК	ScanID
Vane		Potter Ele	ectric					1			22762885
	Components										
Control	Valve										
Туре	Manu	facturer	Model		Location	Size	Position	1	Status	ОК	ScanID
Butterfly	Milwa	ukee			Crawl Space	2.5"					22762884
Description											
Main Control											
Inspecto	Inspector's Test										
Manufacturer			Model #		Pressure psi	Trip T	Time Sec		Flow Sec	ОК	ScanID
											22762886

Building: WV	/U Pa	ırkers	sburg	- M	Iain Bl	ldg		Fire	Pun	np]	Room				
	A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.														
Controller															
Manufacturer	Model	#		Loc	ation						Install Date Serial Number				
Torna Tech	GPD-1	2-120		Fire	e Pump R	oom					09/03/	2013	: :	Z 10682	1
AC Power	Time I	Meter			Start psi	St	top ps	i	Batte	ry Su	pervised		Gei	nerator B	ackup
					D	. 17	7 •	,							
Diesel Engine															
Manufacturer Iohn Deere	Model	# UFAFA0	<u> </u>		cation e Pump R	00m					09/03/			Serial Nu PE4045R	
John Deere	JUTII	OI AI AC		1110	e rump k		a Min	1505			09/03/				33731
	Fuel	o	il	Wa	ter	Crank	ig Min	Run	Spe rpr		Oil psi	1	\F eg	Water deg	Oil deg
	· uci			"""		Cramic		rtuii			On par		-9	ucg	On acg
Fire Pump Gauge															
Type Install Date				L	ocation								ОК	S	canID
Discharge 09/03/2013				F	Fire Pump Room									22/62831	
Suction		09/03	3/2013	fire Pump Room									22	762832	
Controller															
Manufacturer	Model	#		Location						Install Date Serial Number					
Peerless				Fire	e Pump R	oom					09/03/2013				
AC Power	Time I	Meter			Start psi	St	top ps	i	Batte	ry Su	upervised Generator Backup				
						_	_								
					Jo	ckey I	Pum	ips							
Manufacturer	Model	#			cation						Install [Serial Nu	
Peerless	J125H				e Pump R	oom					09/03/	2013		118-515	
Power On	Type Autom	natic		Tui	r n On psi		Tur	r n Off p	Sİ		Volts			Horse	power
	7141611					Pun	un								
Manufacturer	Model	#		Loc	ation	1 un	пр			Inc	tall Date		Patr	ed Speed	
SPP Pump	TC12F				e Pump R	oom					/03/2013	3	235		
Serial Number	1	Гуре				Orienta	tion				Impeller	Size			
USA -01-13-3673		Pump Pi	rimary					ertical							
						Pump	Tests	5							
									Amps			Volts			
Discharge Device	Da	ite	Disch.	PSI	Suct. PS	SI GPN	1	RPM	Α			С	A-B	В-С	A-C
PlayPipes	07/2	3/18	128		50	0		2350							
PlayPipes	07/2	3/18	125		40	759)	2350							

1139

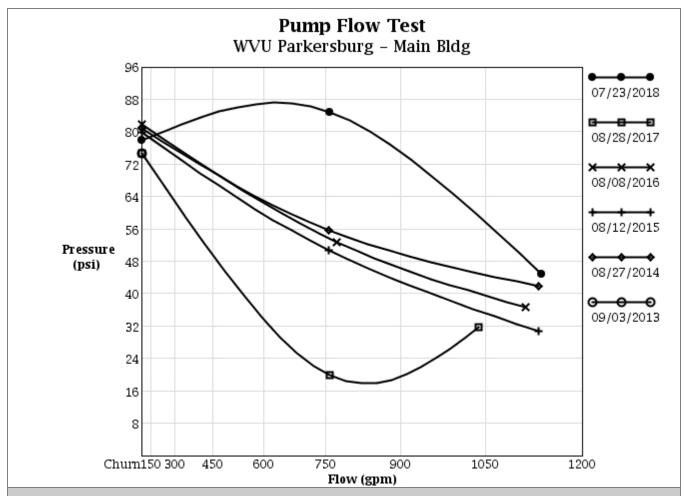
2350

07/23/18

PlayPipes

75

30



Alarms

Tamper Switch

Туре	Description	Manufacturer	Zone/Address	ОК	ScanID
OS & Y	Supervisory	System Sensor	1		22762905
OS & Y	Supervisory	Potter Electric	1		22762910
OS & Y	Supervisory	Potter Electric	1		22762918
OS & Y	Supervisory	Potter Electric	1		22762919
OS & Y	Supervisory	Potter Electric	1		22762923
OS & Y	Supervisory	Potter Electric	1		22762924

Waterflow Switch

Type	Manufacturer	Model #	Sec	Size	Zone/Address	OK	ScanID
Vane	Potter Electric			2.5	1		22762922

Components

Control Valve

Type	Manufacturer	Model	Location	Size	Position	Status	ОК	ScanID
OS&Y			Fire Pump	6"				22762917
			Room					

Description

Main C	ontrol							
Co	ntrol Valve							
Туре	Manufacturer	Model	Location	Size	Position	Status	ОК	ScanID
OS&Y			Fire Pump Room	6"				22762909
Descrip								
Main C	ontrol							
Co	ntrol Valve							
Туре	Manufacturer	Model	Location	Size	Position	Status	ОК	ScanID
OS&Y	Nibco		FDC	6"				22762904
Descrip	otion							
Main C	ontrol							
Co	ntrol Valve							
Туре	Manufacturer	Model	Location	Size	Position	Status	ОК	ScanID
OS&Y			Fire Pump	6"				22762920
			Room					
Descrip								
Main C								
Co	ntrol Valve							
Туре	Manufacturer	Model	Location	Size	Position	Status	ОК	ScanID
Butterf	ly Victaulic		Fire Pump Room	2.5"				22762921
Descrip								
Main C	ontrol							
Co	ntrol Valve							
Type	Manufacturer	Model	Location	Size	Position	Status	ОК	ScanID
OS&Y			Pump Room	6"				22762906
Descrip	otion							
Main C	ontrol							
			Devi	ces				
Spi	rinkler Box							
Qty	Tool Available?	Size	Manufacturer	Loca	tion		ОК	ScanID
12	Yes	12 unit	Reliable		Pump Room			22762912
Spi	rinkler Box Spares			•			· '	
Qty	Туре	KFactor	Manufacturer	Loca	tion		ОК	ScanID
12	7.5		Rasco		Pump Room			22762913
Wr	enches							
	Туре	Manufact	urer	Loca	tion		ОК	ScanID
Qty 2	Sprinkler	Rasco	uiel		Pump Room			22762914
2 Sprinkler Rasco File Fullip Room 22/702914								

Building: WVU Parkersburg - Main Bldg Ground Shop

A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.

Components

Inspector's Test

Manufacturer	Model #	Pressure psi	Trip Time Sec	Flow Sec	ОК	ScanID
						22764212

Building	g: WVU Par	kersburg -	- Main Bldg		Н	15, F	loors	}-		
	system employin at water dischar								l connect	ed to a water
			A	llarm	S					
Waterfl	ow Switch									
Туре	Manuf	acturer	Model #	Sec	Ξ.	Size	Zon	e/Address	ОК	ScanID
Vane	Potter	Electric				2.5	1			22762882
			Con	npone	ents					
Contro	l Valve									
Туре	Manufacture	Model	Location		Size	Positio	n	Status	ОК	ScanID
Butterfly	Milwaukee		1st Floor	•	2.5"					22762881
Description										
Main Contro	I									
Inspect	or's Test									
Manufacture	er	Model #	Pressu	re psi	Trip 7	Γime Sec		Flow Sec	ОК	ScanID
				•						22762883

Building	g: WVU	Parke	rsburg -	- Main	Bldg	Н	12, Fl	oors-		
					attached to sprinklers o			ontaining water a 1 a fire.	nd connec	cted to a water
					Alaı	ms				
Tampe	r Switch									
Туре		Desc	ription		Manufactu	rer	Zone	/Address	ОК	ScanID
OS & Y		Supe	rvisory		Potter Elec	tric	1			22762889
Waterf	low Switc	h								
Туре		Manufact	urer	Model #	#	Sec	Size	Zone/Address	ОК	ScanID
Vane		Potter Ele	ectric				4"	1		22762890
					Compo	nents				
Contro	l Valve									
Туре	Manufa	acturer	Model	L	ocation	Size	Positio	n Status	ОК	ScanID
OS&Y				1	st Floor	4"				22762888
Description										
Main Contro	ol									
Inspec	tor's Test									
Manufacture	er		Model #		Pressure ps	i Trip	Time Sec	Flow Sec	ОК	ScanID
										22762887

Building	;: WVU	Parke	rsburg -	- Main	Bldg	Н	23						
A sprinkler supply so the									g water ai	nd co	onnec	ted to a water	
					Alaı	rms							
Tampei	r Switch												
Туре		Desci	ription		Manufactu	ırer	Zone	/Address		Ol		ScanID	
OS & Y Supervisory Potter Electric 1 22762900													
Waterfl	Waterflow Switch												
Туре		Manufact	turer	Model #	#	Sec	Size	Zone/A	Address		ОК	ScanID	
Vane		Potter Ele	ectric				4"	1				22762901	
					Compo	onents							
Control	l Valve												
Туре	Manuf	acturer	Model	L	ocation	Size	Positio	n !	Status		ОК	ScanID	
OS&Y				H	lallway	4"						22762899	
Description													
Main Contro	I												
Inspect	or's Test	t											
Manufacturer Model # Pressure psi Trip Time Sec Flow Sec OK ScanID													
												22762902	

Building: WVU Parkersburg - Main Bldg Hallway 13-14, Floors-													
A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.													
Alarms													
Tamp	Tamper Switch												
Type Description Manufacturer Zone/Address OK ScanID													
OS & Y													
					Compon	ents	<u>.</u>						
Contr	ol Valve												
Туре	Manufact	urer	Model	L	ocation	Size	Positi	ion	Status		ОК	ScanID	
OS&Y				1	st Floor	4"						22762880	
Descriptio	n												
Main Cont	rol												
					Device	es							
Drain													
Туре	Location			Size	Supply psi	Static p	osi	Residua	l psi	Sec	ОК	ScanID	
Sectiona	Sectiona 1st Floor 2" 22762878												
ı				I								1	

Out Front Library, Floors-Building: WVU Parkersburg - Main Bldg A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire. Alarms **Tamper Switch** Description Manufacturer Zone/Address ОК Type ScanID Potter Electric 22762875 OS & Y Supervisory 1 **Waterflow Switch** Manufacturer Model # Sec Size Zone/Address ОК ScanID Type 4" 22762877 Vane System Sensor **Components Control Valve** Manufacturer Model Location Size Position Status OK ScanID Type OS&Y 1st Floor 4" 22762876 Description Main Control

Building: WVU Parkersburg - Main Bldg Penthouse													
A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.													
Alarms													
Waterflow Switch													
Type Manufacturer Model # Sec Size Zone/Address OK ScanID													
Vane Potter Electric 3" 1 22762828													
	Components												
Control Valve													
Type Manufacturer Model Location Size Position Status OK ScanID													
Butterfly	Victau	ılic			Penthouse	3"							22762826
Description													
Main Control													
Inspecto	r's Tes	t											
Manufacturer			Model #		Pressure ps	i T	rip Ti	ime Sec		Flow Se	с	ОК	ScanID
													22762829
					Devi	ces							
Gauge													
Type Mfr/Model Location Static psi Fill Type Size OK ScanID													
System Pressure Penthouse 100 1/4 ☐ 22762827													

Building: WVU Parkersburg - Main Bldg S1-4														
	A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.													
Alarms														
Waterflow Switch														
Туре	Manufa	cturer M	lodel #	Se	С	Size	Zone/Address	ОК	ScanID					
Vane System Sensor 2 1 22762822 1/2" 1/2" 2762822														
			(ompone	ents									
Control	Valve													
Туре	Manufacturer	Model	Locat	ion	Size	Positio	n Status	ОК	ScanID					
Butterfly	Victaulic		Stairv	vell	2.5"				22762821					
Description														
Main Control							·							
Inspector's Test														
Manufacturer	Manufacturer Model # Pressure psi Trip Time Sec Flow Sec OK ScanID													
									22762825					

Building: WVU Parkersburg - Main Bldg S5 1st Floor A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire. Alarms **Tamper Switch** Description Manufacturer Zone/Address ОК ScanID Type OS & Y Potter Electric 22762894 Supervisory 1 **Waterflow Switch** Manufacturer Model # Sec Size Zone/Address ОК ScanID Type 4" 22762893 Vane System Sensor **Components Control Valve** Manufacturer Model Location Size Position Status OK ScanID Type OS&Y 1st Floor 4" 22762892 Description Main Control

Building: WVU Parkersburg - Main Bldg S5 1st Floor, Floors-

A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.

Inspector's Test

Manufacturer	Model #	Pressure psi	Trip Time Sec	Flow Sec	ОК	ScanID
						22762891

Building:	WVU	J Parke	ersburg -	- Mair	Bldg		S5	2nd I	Floor				
A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.													
Alarms													
Tamper Switch													
Type Description Manufacturer Zone/Address OK ScanID													
OS & Y		Supe	rvisory		Potter Ele	ctric		1				22762897	
Waterflow	v Swit	ch											
Туре		Manufac	turer	Model	#	Sec		Size	Zone/Address		ОК	ScanID	
Vane		Reliable						4"	1			22762895	
					Comp	onent	S						
Control \	/alve												
Туре	Manu	facturer	Model	1	Location	Size	e	Position	Status		ОК	ScanID	
OS&Y					2nd Floor	4"						22762896	
Description													
Main Control													
Inspector	Inspector's Test												
Manufacturer Model # Pressure psi Trip Time Sec Flow Sec OK ScanID													
												22762898	

Building: WVU Parkersburg - Main Bldg S5 3rdFloor														
	A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.													
Alarms														
Tamper Switch														
Туре		Desc	ription		Manufact	urer	Zone	/Address	ОК		ScanID			
OS & Y		Supe	rvisory		Potter Ele	ctric	1				22762819			
Waterflo	w Swit	ch												
Туре		Manufac	turer	Model a	#	Sec	Size	Zone/Address	0	K	ScanID			
Vane		Potter Ele	ectric				4"	1			22762817			
					Comp	onents	1							
Control	Valve													
Туре	Manu	facturer	Model	L	ocation	Size	Positio	n Status	О	K	ScanID			
OS&Y				S	tairwell	4"					22762818			
Description														
Main Control														
Inspecto	Inspector's Test													
Manufacturer Model # Pressure psi Trip Time Sec Flow Sec OK ScanID														
					2]	22762820			
						II.					<u>I</u>			

				Ala	rms						
Tamper	Switch										
Туре	Desc	Description Manufacturer Zone/Address)K	ScanID	
OS & Y	Supe	Supervisory			ctric	1					22762868
Waterflo	ow Switch										
Туре	Manufac	turer	Model :	#	Sec	Size	Zone	/Address	;	ОК	ScanID
Vane	Potter El	ectric				4"	1				22762870
Vane	Reliable					4"	1				22762872
				Comp	onents						
Control	Valve										
Type Butterfly	Manufacturer Milwaukee	Model		Location Basement	Size 2.5"	Positio	on	Status		ОК	ScanID 22762871
Description Main Control											
Control											
Туре	Manufacturer	Model	ı	_ocation	Size	Positio	on	Status		ОК	ScanID
OS&Y			_	Basement H-01	4"						22762869
Description											
Main Control											
				Dev	rices						
Drain											
T	ocation		Size	Supply p	si Static	psi	Residu	al psi	Sec	ОК	ScanID
Type L	ocacion										

Science Wing, Floors-

Building: WVU Parkersburg - Main Bldg

Brewer and Company 23 10/03/2018

Backflow Test & Maintenance Report Generated by: BuildingReports.com

Building: WV	VU Pa	kersbu	ırg - Mai	n Bldg	Ba	sement		
Devices and equip	ment to j	rotect po	table water	supplies fron	n contaminat	ion or pollution d	lue to backflo	ow.
				<i>C</i>				
				Сотр	onents			
Backflow Pre	ventior		,					
Manufacturer	Model	:	Size	Туре		Service Type		Install Date
Watts Regulator	009M2		2"	Reduced Pro	essure	Potable		08/11/2014
ScanID	Water I	urveyor	Location			Meter Account #		Serial Number
22248826			Boiler Roo	m				A46540
Initial Test								
Check Valve 1		Checl	Valve 2		Relief Valve		Pressure Va	acuum Breaker
Closed Tight 8.8	osed Tight 7.8		2.0					
Held At Repairs			otes					
65								
Final Test								
Check Valve 1		Check	Valve 2		Relief Valve		Pressure Va	acuum Breaker
Held At	Held At Condition of Control Valve 1 Condition of Control Valve 2							

Closed Tight

Building: WV	VU Par	kersbu	rg - Mai	n Bldg	Fire	e Pump Room	m	
Devices and equip	ment to p	rotect poi	table water .	supplies fron	ı contaminatı	ion or pollution d	ue to backflo	rw.
Backflow Pre	vention							
Manufacturer	Model #		Size	Туре		Service Type		Install Date
Watts Regulator	909M2		3"	Reduced Pr	essure	Potable		08/11/2014
ScanID	Water Pu	rveyor	Location			Meter Account	t #	Serial Number
22248829			PumP Roo	m				126982
Initial Test								
Check Valve 1		Check	Valve 2		Relief Valve		Pressure Va	cuum Breaker
Closed Tight 8.6		Closed	d Tight 7.2		2.2			
Held At	Rej	airs or N	otes					
45								
Final Test								
Check Valve 1		Check	Valve 2		Relief Valve		Pressure Va	cuum Breaker
Held At			Control Val	ve 1		Condition of Con	ntrol Valve 2	
	Clo	ndition of sed Tight		ve 1		Condition of Con	ntrol Valve 2	
Held At Backflow Pre	Clo			ve 1		Condition of Con	ntrol Valve 2	
	Clo			ve 1		Condition of Con	itrol Valve 2	Install Date
Backflow Pre	vention				Detector		ntrol Valve 2	Install Date 08/11/2014
Backflow Pre	vention Model #	sed Tight	Size	Туре	Detector	Service Type		
Backflow Pre Manufacturer Ames	vention Model # 2000SS	sed Tight	Size 6"	Type Double Chk	Detector	Service Type Fire Line		08/11/2014
Backflow Pre Manufacturer Ames ScanID	vention Model # 2000SS	sed Tight	Size 6" Location	Type Double Chk	Detector	Service Type Fire Line		08/11/2014 Serial Number
Backflow Pre Manufacturer Ames ScanID 22248828 Initial Test Check Valve 1	vention Model # 2000SS	rveyor Check	Size 6" Location Pump Roo	Type Double Chk	Detector Relief Valve	Service Type Fire Line	t #	08/11/2014 Serial Number
Backflow Pre Manufacturer Ames ScanID 22248828 Initial Test	vention Model # 2000SS	rveyor Check	Size 6" Location Pump Roo	Type Double Chk		Service Type Fire Line	t #	08/11/2014 Serial Number 53961
Backflow Pre Manufacturer Ames ScanID 22248828 Initial Test Check Valve 1 Closed Tight 2.4 Held At	vention Model # 2000SS Water Pt	rveyor Check	Size 6" Location Pump Roo Valve 2 d Tight 3.8	Type Double Chk		Service Type Fire Line	t #	08/11/2014 Serial Number 53961
Backflow Pre Manufacturer Ames ScanID 22248828 Initial Test Check Valve 1 Closed Tight 2.4	vention Model # 2000SS Water Pt	rveyor Check	Size 6" Location Pump Roo Valve 2 d Tight 3.8	Type Double Chk		Service Type Fire Line	t #	08/11/2014 Serial Number 53961
Backflow Pre Manufacturer Ames ScanID 22248828 Initial Test Check Valve 1 Closed Tight 2.4 Held At 40 Final Test	vention Model # 2000SS Water Pt	check Closed Closed	Size 6" Location Pump Roo Valve 2 d Tight 3.8	Type Double Chk	Relief Valve	Service Type Fire Line	t# Pressure Va	08/11/2014 Serial Number 53961 Acuum Breaker
Backflow Pre Manufacturer Ames ScanID 22248828 Initial Test Check Valve 1 Closed Tight 2.4 Held At 40	vention Model # 2000SS Water Pt	check Closed Closed	Size 6" Location Pump Roo Valve 2 d Tight 3.8	Type Double Chk		Service Type Fire Line	t# Pressure Va	08/11/2014 Serial Number 53961
Backflow Pre Manufacturer Ames ScanID 22248828 Initial Test Check Valve 1 Closed Tight 2.4 Held At 40 Final Test Check Valve 1	Vention Model # 2000SS Water Pt	Check	Size 6" Location Pump Roo Valve 2 d Tight 3.8 otes	Type Double Chk	Relief Valve	Service Type Fire Line Meter Account	Pressure Va	08/11/2014 Serial Number 53961 Acuum Breaker
Backflow Pre Manufacturer Ames ScanID 22248828 Initial Test Check Valve 1 Closed Tight 2.4 Held At 40 Final Test	Vention Model # 2000SS Water Pt	Check	Size 6" Location Pump Roo Valve 2 d Tight 3.8 otes	Type Double Chk	Relief Valve	Service Type Fire Line	Pressure Va	08/11/2014 Serial Number 53961 Acuum Breaker

Brewer and Company 25 10/03/2018

Building: W	VU Pa	rkersbu	ırg - Maı	in Bldg	PU	MP ROOM		
Devices and equi	pment to p	protect po	table water	supplies fron	n contaminat	ion or pollution d	ue to backflo	ow.
Backflow Pr	eventior	ı						
Manufacturer	Model :	¥	Size	Туре		Service Type		Install Date
Watts Regulator	009M3		.75	Reduced Pr	essure	Boiler		08/11/2014
ScanID	Water F	urveyor	Location			Meter Accoun	t #	Serial Number
22248827			PumP ROC	OM				265638
Initial Test								
Check Valve 1		Checl	k Valve 2		Relief Valve		Pressure Va	acuum Breaker
Closed Tight 9.0		Close	d Tight 8.6		2.4			
Held At	Re	pairs or N	lotes					
65								
Final Test								
Check Valve 1		Checl	k Valve 2		Relief Valve	!	Pressure Va	acuum Breaker
Held At	C	ondition o	f Control Val	lve 1		Condition of Cor	ntrol Valve 2	
	Cl	osed Tigh	t					

Inventory & Warranty Report

Generated by: BuildingReports.com

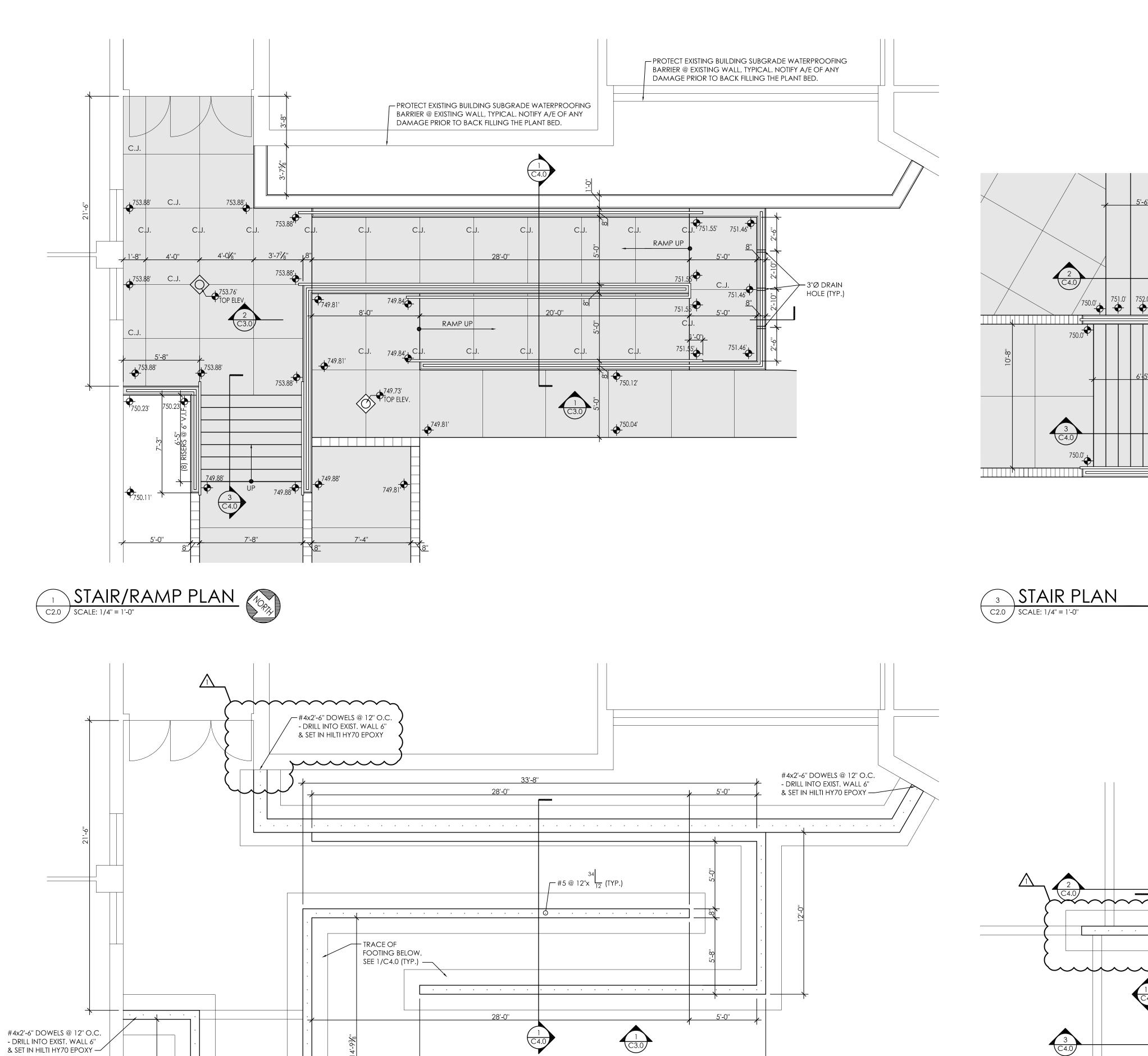
Building: WVU Parkersburg - Main Bldg

The Inventory & Warranty Report lists each of the devices and items that are included in your Inspection Report. A complete inventory count by device type and category is provided. Items installed within the last 90 days, within the last year, and devices installed for two years or more are grouped together for easy reference.

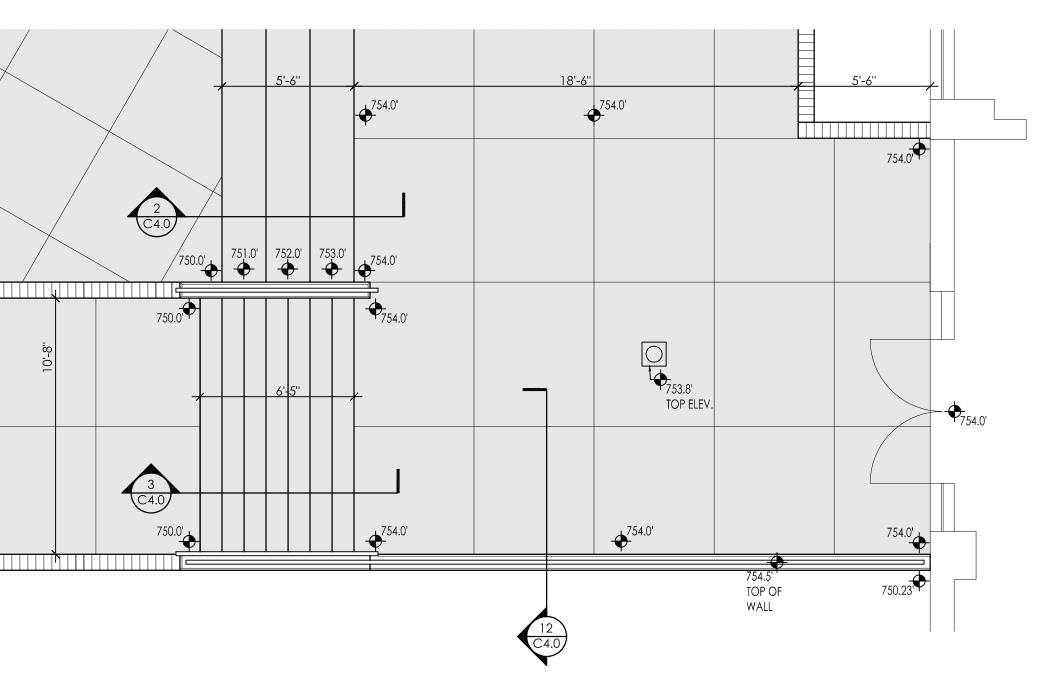
Device or Item		Category	% of Invento	ory	Quantity
Backflow Prevention		Valve		5.41%	4
Waterflow Switch		Alarm	17.57%		13
Control Valve	Valve		25.68%		19
Tamper Switch	Alarm			18.92%	14
Gauge	Device			1.35%	1
Inspector's Test		Valve		13.51%	10
Diesel Driver		Pump		1.35%	1
Fire Pump Gauge		Pump		2.70%	2
Drain		Device		4.05%	3
Jockey Controller		Pump		1.35%	1
Sprinkler Box		Sprinkler		1.35%	1
Sprinkler Box Spares		Sprinkler		1.35%	1
Wrenches		Sprinkler		1.35%	1
Controller		Pump		1.35%	1
Jockey Pump		Pump		1.35%	1
Pump		Pump		1.35%	1
Device or Item	Qty	Model #	Type	Descrip	otion Install Date
		In Service	- 3 Years to 5 Ye	ears	
Penthouse Wet Pipe					
Gauge	1		System Pressure		08/11/2015
Ground Shop Wet Pipe	e				
Inspector's Test	1				08/14/2014
Basement Cross Conr	ı. Control				
Backflow Prevention	1	009M2	Reduced Pressure		08/11/2014
Fire Pump Room Cros	s Conn. (Control			
Backflow Prevention	1	2000SS	Double Chk Detector		08/11/2014
Backflow Prevention	1	909M2	Reduced Pressure		08/11/2014
PUMP ROOM Cross Co	onn. Cont	rol			
Backflow Prevention					
Backnow i icvention	1	009M3	Reduced Pressure		08/11/2014
Backnow Hevendon	1		Reduced Pressure - 5 Years to 10 Y	<i>Tears</i>	08/11/2014
				ears	08/11/2014
Fire Pump Room Wet	Pipe		- 5 Years to 10 Y		
Fire Pump Room Wet Control Valve	Pipe	In Service		<i>ears</i> Main Contro	I 09/03/2013
Fire Pump Room Wet Control Valve Diesel Driver	Pipe 4 1		- 5 Years to 10 Y	Main Contro	I 09/03/2013 09/03/2013
Fire Pump Room Wet Control Valve	Pipe	In Service	- 5 Years to 10 Y		I 09/03/2013 09/03/2013

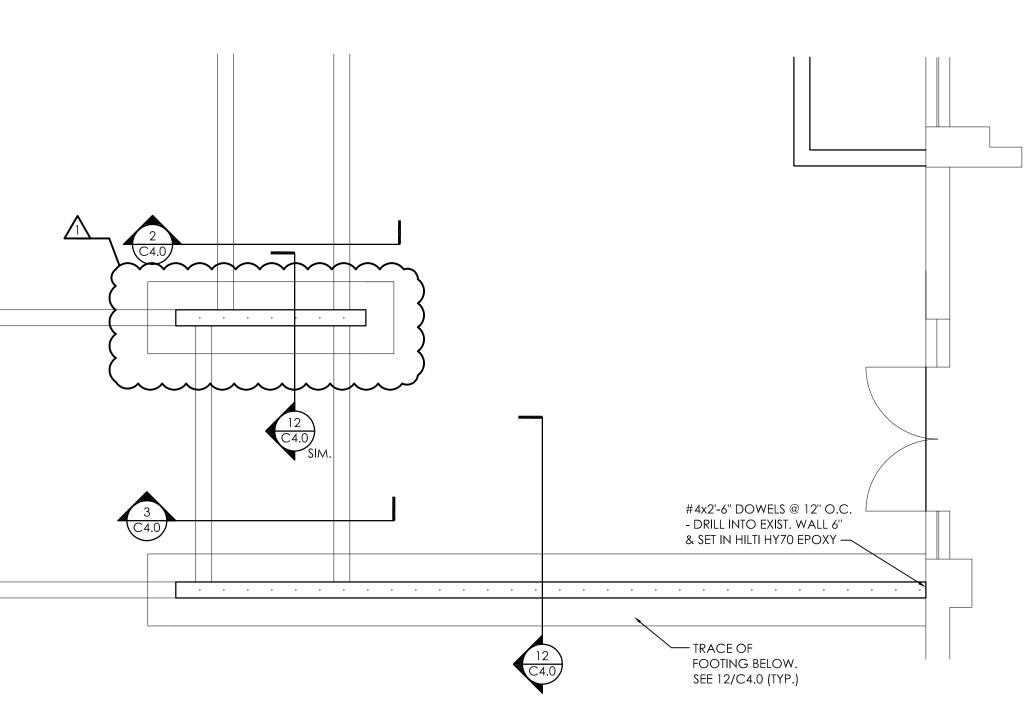
Tamper Switch 5 OS & Y Supervisory 09/03/2013 Waterflow Switch 1 Vane Alarm 09/03/2013 Sprinkler Box 1 Op/03/2013 09/03/2013 Pump 1 TC12F Pump Primary 09/03/2013 Fire Pump Gauge 1 Discharge 09/03/2013 Fire Pump Gauge 1 Op/03/2013 09/03/2013 Fire Pump Gauge 1 GPD-12-120 Automatic 09/03/2013 Control Valve 1 GPD-12-120 Automatic 09/03/2013 Control Valve 1 Sectional Supervisory 08/30/2013 Control Valve 1 Supervisory 08/30/2013 Control Valve 1 Supervisory 08/30/2013			In Service	- 5 Years to 1	0 Years	
Sprinkler Box Spares	Tamper Switch	5		OS & Y	Supervisory	09/03/2013
Merenches 1	Waterflow Switch	1		Vane	Alarm	09/03/2013
Sprinkle Box	Sprinkler Box Spares	1				09/03/2013
Pump	Wrenches	1		Sprinkler		09/03/2013
Fire Pump Gauge	Sprinkler Box	1				09/03/2013
Fire Pump Gauge	Pump	1	TC12F	Pump Primary		09/03/2013
Tamper Switch 1 GPD-12-120 Automatic 09/03/2013 Control Valve 1 GPD-12-120 Main Control 09/03/2013 O418 Hallway Wet Pipe, Floors- Drain 1 Sectional 08/30/2013 Crawl Space Audioturium Wet Pipe, Floors- Inspector's Test 1 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 H 1	Fire Pump Gauge	1		Discharge		09/03/2013
Controller	Fire Pump Gauge	1		Suction		09/03/2013
Control Valve 1 Butterfly Main Control 09/03/2013 O4 18 Hallway Wet Pipe, Floors— Drain 1 Sectional ■ 08/30/2013 Crawl Space Audioturium Wet Pipe, Floors— Inspector's Test 1 08/30/2013 Control Valve 1 Main Control 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 H 15 Wet Pipe, Floors— United Switch 1 Main Control 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Waterflow Switch 1 OS&Y Main Control 08/30/2013 United Pipe, Floors— Control Valve 1 OS &Y Supervisory 08/30/2013 H 23 Wet Pipe Control Valve 1 OS &Y Main Control 08/30/2013 Lamper Switch 1 OS &Y Supervisory 08/30/2013 La	Tamper Switch	1		OS & Y	Supervisory	09/03/2013
0418 Hallway Wet Pipe, Floors- Drain 1 Sectional 08/30/2013 Crawl Space Audioturium Wet Pipe, Floors- Inspector's Test 1 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 H 15 Wet Pipe, Floors- Inspector's Test 1 08/30/2013 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Tamper Floors- Main Control 08/30/2013 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Mater How Switch 1 OS & Y Supervisory 08/30/2013 Inspector's Test 1 OS & Y Supervisory 08/30/2013 Inspector's Test 1 OS &	Controller	1	GPD-12-120		Automatic	09/03/2013
Drain	Control Valve	1		Butterfly	Main Control	09/03/2013
Crawl Space Audioturium Wet Pipe, Floors- Inspector's Test	0418 Hallway Wet Pip	e, Floors	_			
Inspector's Test	Drain	1		Sectional		08/30/2013
Control Valve 1 Butterfly Main Control 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 H 15 Wet Pipe, Floors- Inspector's Test 1 Section of Water Pipe Main Control 08/30/2013 Control Valve 1 Vane Alarm 08/30/2013 H12 Wet Pipe, Floors- Control Valve 1 OS &Y Main Control 08/30/2013 Inspector's Test 1 OS &Y Supervisory 08/30/2013 Tamper Switch 1 OS &Y Supervisory 08/30/2013 H23 Wet Pipe Control Valve 1 OS &Y Supervisory 08/30/2013 Inspector's Test 1 OS &Y Supervisory 08/30/2013 Tamper Switch 1 OS &Y Supervisory 08/30/2013 Hallway 13-14 Wet Pipe, Floors- Control Valve 1 OS &Y Supervisory 08/30/20	Crawl Space Audiotur	ium Wet	Pipe, Floors-			
Waterflow Switch 1 Vane Alarm 08/30/2013 H 15 Wet Pipe, Floors- Inspector's Test 1 8 utterfly Main Control 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 H12 Wet Pipe, Floors- Control Valve 1 OS &Y Main Control 08/30/2013 Inspector's Test 1 OS &Y Supervisory 08/30/2013 Tamper Switch 1 Vane Alarm 08/30/2013 H23 Wet Pipe Control Valve 1 OS &Y Supervisory 08/30/2013 Inspector's Test 1 OS &Y Supervisory 08/30/2013 Inspector's Test 1 Vane Alarm 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Hallway 13-14 Wet Pipe, Floors- Control Valve 1 OS &Y Supervisory 08/30/2013 Drain 2 OS &Y Supervisory 08/	Inspector's Test	1				08/30/2013
H 15 Wet Pipe, Floors- Inspector's Test	Control Valve	1		Butterfly	Main Control	08/30/2013
Inspector's Test	Waterflow Switch	1		Vane	Alarm	08/30/2013
Control Valve 1 Butterfly Main Control 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 H12 Wet Pipe, Floors- Control Valve 1 OS&Y Main Control 08/30/2013 Inspector's Test 1 OS & Y Supervisory 08/30/2013 Yamper Switch 1 Vane Alarm 08/30/2013 H23 Wet Pipe 1 OS & Y Supervisory 08/30/2013 Inspector's Test 1 OS & Y Supervisory 08/30/2013 Inspector's Test 1 OS & Y Supervisory 08/30/2013 Yamper Switch 1 OS & Y Supervisory 08/30/2013 Hallway 13-14 Wet Pipe, Floors- Floors- Wain Control 08/30/2013 Control Valve 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Out Front Library Wet Pipe, Floors- Floor Supervisory 08/30/2013	H 15 Wet Pipe, Floors	; -				
Control Valve 1 Butterfly Main Control 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 H12 Wet Pipe, Floors- Control Valve 1 OS&Y Main Control 08/30/2013 Inspector's Test 1 OS & Y Supervisory 08/30/2013 Yamper Switch 1 Vane Alarm 08/30/2013 H23 Wet Pipe 1 OS & Y Supervisory 08/30/2013 Inspector's Test 1 OS & Y Supervisory 08/30/2013 Inspector's Test 1 OS & Y Supervisory 08/30/2013 Yamper Switch 1 OS & Y Supervisory 08/30/2013 Hallway 13-14 Wet Pipe, Floors- Floors- Wain Control 08/30/2013 Control Valve 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Out Front Library Wet Pipe, Floors- Floor Supervisory 08/30/2013	Inspector's Test	1				08/30/2013
Waterflow Switch 1 Vane Alarm 08/30/2013 H12 Wet Pipe, Floors— Control Valve 1 OS&Y Main Control 08/30/2013 Inspector's Test 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 Vane Alarm 08/30/2013 H23 Wet Pipe Control Valve 1 OS&Y Main Control 08/30/2013 Inspector's Test 1 OS & Y Supervisory 08/30/2013 Inspector's Test 1 OS & Y Supervisory 08/30/2013 Materflow Switch 1 OS & Y Supervisory 08/30/2013 Hallway 13-14 Wet Pipe, Floors— Control Valve 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Out Front Library Wet Pipe, Floors— Control Valve 1 OS & Y Supervi	= '-	1		Butterfly	Main Control	
Control Valve	Waterflow Switch	1		· ·	Alarm	
Control Valve	H12 Wet Pipe, Floors-	_				
Inspector's Test	• •			OS&Y	Main Control	08/30/2013
Tamper Switch 1 OS & Y Supervisory 08/30/2013 H23 Wet Pipe Control Valve 1 OS&Y Main Control 08/30/2013 Inspector's Test 1 OS&Y Main Control 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Hallway 13-14 Wet Pipe, Floors- Control Valve 1 OS&Y Main Control 08/30/2013 Drain 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Out Front Library Wet Pipe, Floors- Control Valve 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Vaterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe Inspector's Test 1 Vane Alarm 0		•		0341	Main Control	
Waterflow Switch 1 Vane Alarm 08/30/2013 H23 Wet Pipe Control Valve 1 OS&Y Main Control 08/30/2013 Inspector's Test 1 0S & Y Supervisory 08/30/2013 Tamper Switch 1 Vane Alarm 08/30/2013 Hallway 13-14 Wet Pipe, Floors- Control Valve 1 OS&Y Main Control 08/30/2013 Drain 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe Inspector's Test 1 Vane Alarm 08/30/2013 Waterflow Switch 1		•		OS & Y	Supervisory	
Main Control Valve	*	•			• •	
Control Valve 1 OS&Y Main Control 08/30/2013 Inspector's Test 1 08 / 30/2013 30/2013 Tamper Switch 1 0S & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Hallway 13–14 Wet Pipe, Floors- Control Valve 1 OS&Y Main Control 08/30/2013 Drain 1 Sectional 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Out Front Library Wet Pipe, Floors- Control Valve 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe Inspector's Test 1 Vane Alarm 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Waterflow Switch		·				00,00,10.0
Inspector's Test	-	1		OS&Y	Main Control	08/30/2013
Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Hallway 13–14 Wet Pipe, Floors– Control Valve 1 OS&Y Main Control 08/30/2013 Drain 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 OS & Y Main Control 08/30/2013 Control Valve 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe Inspector's Test 1 Vane Alarm 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013		1		OSQT	Main Control	
Waterflow Switch 1 Vane Alarm 08/30/2013 Hallway 13–14 Wet Pipe, Floors– Control Valve 1 OS&Y Main Control 08/30/2013 Drain 1 Sectional 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Control Valve 1 OS & Y Supervisory 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe Inspector's Test 1 Vane Alarm 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013	·	1		OS & Y	Supervisory	
Hallway 13–14 Wet Pipe, Floors– Control Valve 1 OS&Y Main Control 08/30/2013 Drain 1 Sectional 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Out Front Library Wet Pipe, Floors– Control Valve 1 OS & Y Main Control 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe Inspector's Test 1 Vane Alarm 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1–4 Wet Pipe Inspector's Test 1 08/30/2013	· ·	1			• •	
Control Valve 1 OS&Y Main Control 08/30/2013 Drain 1 Sectional 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Out Front Library Wet Pipe, Floors- Control Valve 1 OS & Y Main Control 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe Inspector's Test 1 Vane Alarm 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013		-	S _	varie	Aldini	00/30/2013
Drain 1 Sectional 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Control Valve 1 OS & Y Main Control 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe Vane Alarm 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013	-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9	OCRV	Main Control	09/20/2012
Tamper Switch 1 OS & Y Supervisory 08/30/2013 Out Front Library Wet Pipe, Floors— Control Valve 1 OS & Y Main Control 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe 1 Vane Alarm 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013		1			Main Control	
Out Front Library Wet Pipe, Floors— Control Valve 1 OS&Y Main Control 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe Inspector's Test 1 Vane Alarm 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013		•			Cupanicani	
Control Valve 1 OS&Y Main Control 08/30/2013 Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe Inspector's Test 1 Vane Alarm 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013		•		US & Y	Supervisory	08/30/2013
Tamper Switch 1 OS & Y Supervisory 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe Inspector's Test 1 Vane Alarm 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013	•	Pipe, Flo	ors-			
Waterflow Switch 1 Vane Alarm 08/30/2013 Penthouse Wet Pipe Inspector's Test 1 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013		1				
Penthouse Wet Pipe Inspector's Test 1 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013	•	1				
Inspector's Test 1 08/30/2013 Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013		1		Vane	Alarm	08/30/2013
Waterflow Switch 1 Vane Alarm 08/30/2013 Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013						
Control Valve 1 Butterfly Main Control 08/30/2013 S1-4 Wet Pipe Inspector's Test 1 08/30/2013	•					
S1-4 Wet Pipe Inspector's Test 1 08/30/2013		1				
Inspector's Test 1 08/30/2013	Control Valve	1		Butterfly	Main Control	08/30/2013
	S1-4 Wet Pipe					
Waterflow Switch 1 Vane Alarm 08/30/2013	Inspector's Test	1				08/30/2013
	Waterflow Switch	1		Vane	Alarm	08/30/2013

In Service - 5 Years to 10 Years						
Control Valve	1	Butterfly	Main Control	08/30/2013		
S5 1st Floor Wet Pip	e					
Control Valve	1	OS&Y	Main Control	08/30/2013		
Tamper Switch	1	OS & Y	Supervisory	08/30/2013		
Waterflow Switch	1	Vane	Alarm	08/30/2013		
S5 1st Floor Wet Pip	e, Floors-					
Inspector's Test	1			08/30/2013		
S5 2nd Floor Wet Pi	ре					
Control Valve	1	OS&Y	Main Control	08/30/2013		
Inspector's Test	1			08/30/2013		
Tamper Switch	1	OS & Y	Supervisory	08/30/2013		
Waterflow Switch	1	Vane	Alarm	08/30/2013		
S5 3rdFloor Wet Pip	e					
Control Valve	1	OS&Y	Main Control	08/30/2013		
Inspector's Test	1			08/30/2013		
Tamper Switch	1	OS & Y	Supervisory	08/30/2013		
Waterflow Switch	1	Vane	Alarm	08/30/2013		
Science Wing Wet Pi	pe, Floors-					
Control Valve	1	OS&Y	Main Control	08/30/2013		
Drain	1	Sectional		08/30/2013		
Control Valve	1	Butterfly	Main Control	08/30/2013		
Tamper Switch	1	OS & Y	Supervisory	08/30/2013		
Waterflow Switch	1	Vane	Alarm	08/30/2013		
Waterflow Switch	1	Vane	Alarm	08/30/2013		



STAIR/RAMP FOUNDATION PLAN
C2.0 SCALE: 1/4" = 1'-0"









ARCHITECTS & ENGINEERS

1027 Mt. DeChantal Rd. Wheeling, WV 26003

Ph: (304) 242-8248 Fax: (304) 242-8249

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DRAWING STATUS

DESIGN STAGE:

SCHEMATIC DESIGN
DESIGN DEVELOPMENT
CONSTRUCTION DRAWINGS
RELEASED FOR:

REVIEWBIDDING

CONSTRUCTION

REVISION

FOUNDATION 10-23-18

DRAWN BY: CHECKED BY:
C. BRONDER D. GRANT

PROJECT NO.
18-053.5

SCALE: DATE:
AS NOTED 08-30-18

SHEET **C2.0**