

**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 $\frac{1}{4}$ -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 $\frac{1}{2}$ " 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

A handwritten signature in black ink that reads "Dana L. Brooks, AIA". The signature is written in a cursive, flowing style.

Dana L. Brooks, AIA
Project Architect

Attachments: Sprinkler Inspection and Testing Report
Addendum Courtyard Drawing C2.0

cc: All Attendees and Plan Holders
ls

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) *(company)*

acknowledge that I have received a copy of Addendum No. 2 with all its attachments and understand that my bid will not be honored unless this acknowledgement is returned to the Architect and I have noted receipt on the Proposal Form.

(company 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


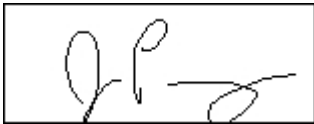
Company: Brewer and Company
Contact: Robbie Alloway
Title: Inspector

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								
Category	Total Items		Serviced		Passed		Failed/Other	
	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	Building: WVU Parkersburg – Main Bldg
Inspector: Robbie Alloway	Contact: David Gates
	
Signed: Jul 23, 2018 11:27:35 AM	Signed: Jul 23, 2018 11:27:47 AM

Robbie Alloway	
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
Passed				
Fire Pump Room Wet Pipe				
Pump	Fire Pump Room	Annual	8:05:30 AM	07/23/2018
Untested				
Basement Cross Conn. Control				
Backflow Prevention	Boiler Room			
Fire Pump Room Cross Conn. Control				
Backflow Prevention	PumP Room			
Backflow Prevention	Pump Room			
PUMP ROOM Cross Conn. Control				
Backflow Prevention	PumP ROOM			
0418 Hallway Wet Pipe, Floors–				
Drain	Basement			
Crawl Space Audioturium 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			

Device Type	Location	Service	Time	Date
Control Valve	FDC			
Control Valve	Fire Pump Room			
Control Valve	Fire Pump Room			
Control Valve	Pump Room			
Ground Shop Wet Pipe				
Inspector's Test	Ground Shop			
H 15 Wet Pipe, Floors–				
Waterflow Switch	1st Floor			
Control Valve	1st Floor			
Inspector's Test	1st Floor			
H12 Wet Pipe, Floors–				
Tamper Switch	1st Floor			
Waterflow Switch	1st Floor			
Control Valve	1st Floor			
Inspector's Test	1st Floor			
H23 Wet Pipe				
Tamper Switch	Hallway			
Waterflow Switch	Hallway			
Control Valve	Hallway			
Inspector's Test	Hallway			
Hallway 13–14 Wet Pipe, Floors–				
Tamper Switch	1st Floor			
Drain	1st Floor			
Control Valve	1st Floor			
Out Front Library Wet Pipe, Floors–				
Tamper Switch	1st Floor			
Waterflow Switch	1st Floor			
Control Valve	1st Floor			
Penthouse Wet Pipe				
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				
Tamper Switch	2nd Floor			

Device Type	Location	Service	Time	Date
Waterflow Switch	Stairwell			
Control Valve	2nd Floor			
Inspector's Test	Stairwell			
S5 3rdFloor Wet Pipe				
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

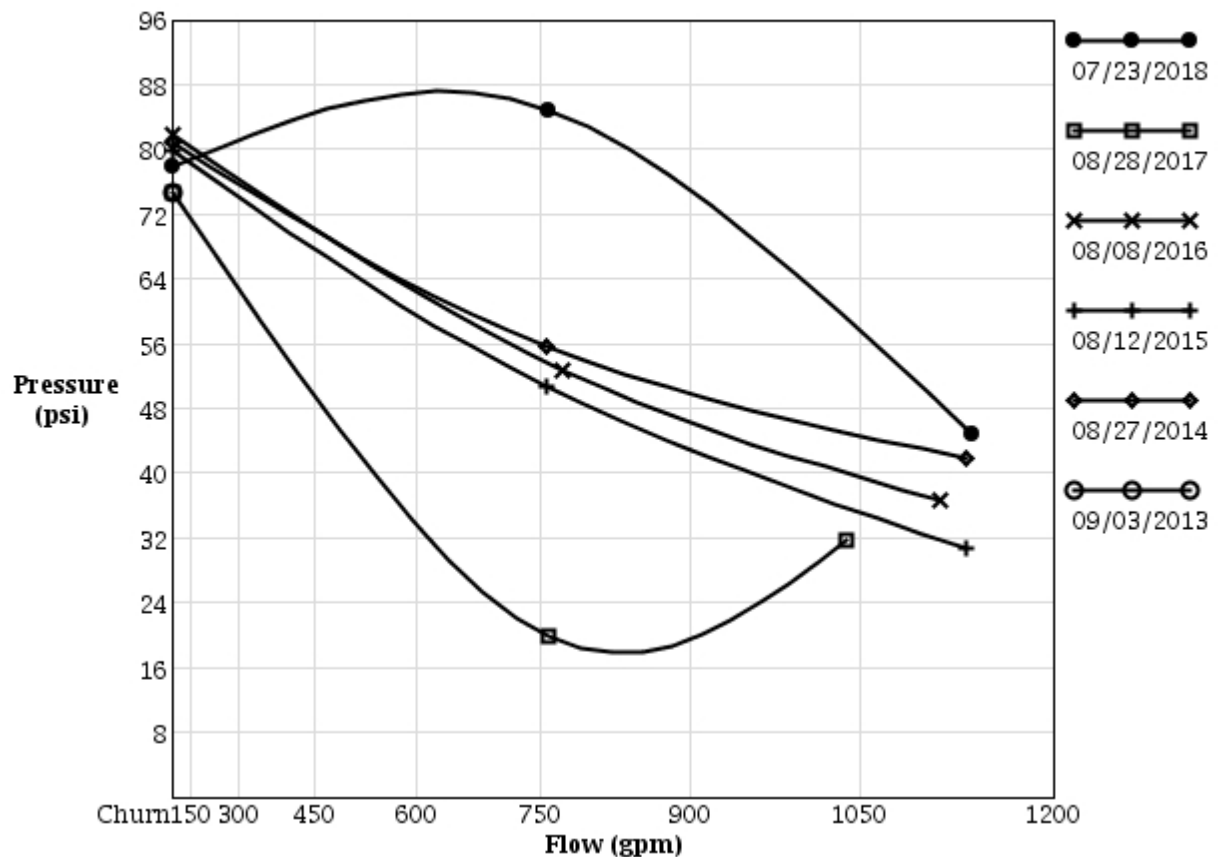
Generated by: BuildingReports.com

Building: WVU Parkersburg - Main Bldg		0418 Hallway, Floors-						
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>								
<i>Devices</i>								
Drain								
Type	Location	Size	Supply psi	Static psi	Residual psi	Sec	OK	ScanID
Sectional	Basement	2"					<input type="checkbox"/>	22762874

Building: WVU Parkersburg - Main Bldg				Crawl Space Auditorium, Floors-			
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>							
Alarms							
Waterflow Switch							
Type	Manufacturer	Model #	Sec	Size	Zone/Address	OK	ScanID
Vane	Potter Electric				1	<input type="checkbox"/>	22762885
Components							
Control Valve							
Type	Manufacturer	Model	Location	Size	Position	Status	OK
Butterfly	Milwaukee		Crawl Space	2.5"			<input type="checkbox"/>
Description							
Main Control							
Inspector's Test							
Manufacturer	Model #	Pressure psi	Trip Time Sec	Flow Sec	OK	ScanID	
					<input type="checkbox"/>	22762886	

Building: WVU Parkersburg - Main Bldg						Fire Pump Room											
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>																	
Controller																	
Manufacturer		Model #		Location			Install Date		Serial Number								
Torna Tech		GPD-12-120		Fire Pump Room			09/03/2013		Z 106824								
AC Power		Time Meter		Start psi		Stop psi		Battery Supervised		Generator Backup							
Diesel Engine																	
Manufacturer		Model #		Location			Install Date		Serial Number								
John Deere		JU4H-UFAFAO		Fire Pump Room			09/03/2013		PE4045R899791								
		FuelOil		Water		Timing Min/Sec		Speed rpm		Oil psiAF degWater degOil deg							
						Crank	Run										
Fire Pump Gauge																	
Type		Install Date		Location				OK		ScanID							
Discharge		09/03/2013		Fire Pump Room				<input type="checkbox"/>		22762831							
Suction		09/03/2013		fire Pump Room				<input type="checkbox"/>		22762832							
Controller																	
Manufacturer		Model #		Location			Install Date		Serial Number								
Peerless				Fire Pump Room			09/03/2013										
AC Power		Time Meter		Start psi		Stop psi		Battery Supervised		Generator Backup							
Jockey Pumps																	
Manufacturer		Model #		Location			Install Date		Serial Number								
Peerless		J125H		Fire Pump Room			09/03/2013		118-5159								
Power On		Type		Turn On psi		Turn Off psi		Volts		Horsepower							
		Automatic															
Pump																	
Manufacturer		Model #		Location			Install Date		Rated Speed								
SPP Pump		TC12F		Fire Pump Room			09/03/2013		2350								
Serial Number		Type		Orientation			Impeller Size										
USA -01-13-3673		Pump Primary		Vertical													
Pump Tests																	
Discharge Device		Date		Disch. PSI		Suct. PSI		GPM		RPM		Amps			Volts		
												A	B	C	A-B	B-C	A-C
PlayPipes		07/23/18		128		50		0		2350							
PlayPipes		07/23/18		125		40		759		2350							
PlayPipes		07/23/18		75		30		1139		2350							

Pump Flow Test WVU Parkersburg – Main Bldg



Alarms

Tamper Switch

Type	Description	Manufacturer	Zone/Address	OK	ScanID
OS & Y	Supervisory	System Sensor	1	<input type="checkbox"/>	22762905
OS & Y	Supervisory	Potter Electric	1	<input type="checkbox"/>	22762910
OS & Y	Supervisory	Potter Electric	1	<input type="checkbox"/>	22762918
OS & Y	Supervisory	Potter Electric	1	<input type="checkbox"/>	22762919
OS & Y	Supervisory	Potter Electric	1	<input type="checkbox"/>	22762923
OS & Y	Supervisory	Potter Electric	1	<input type="checkbox"/>	22762924

Waterflow Switch

Type	Manufacturer	Model #	Sec	Size	Zone/Address	OK	ScanID
Vane	Potter Electric			2.5	1	<input type="checkbox"/>	22762922

Components

Control Valve

Type	Manufacturer	Model	Location	Size	Position	Status	OK	ScanID
OS&Y			Fire Pump Room	6"			<input type="checkbox"/>	22762917

Description

Main Control								
Control Valve								
Type	Manufacturer	Model	Location	Size	Position	Status	OK	ScanID
OS&Y			Fire Pump Room	6"			<input type="checkbox"/>	22762909
Description								
Main Control								
Control Valve								
Type	Manufacturer	Model	Location	Size	Position	Status	OK	ScanID
OS&Y	Nibco		FDC	6"			<input type="checkbox"/>	22762904
Description								
Main Control								
Control Valve								
Type	Manufacturer	Model	Location	Size	Position	Status	OK	ScanID
OS&Y			Fire Pump Room	6"			<input type="checkbox"/>	22762920
Description								
Main Control								
Control Valve								
Type	Manufacturer	Model	Location	Size	Position	Status	OK	ScanID
Butterfly	Victaulic		Fire Pump Room	2.5"			<input type="checkbox"/>	22762921
Description								
Main Control								
Control Valve								
Type	Manufacturer	Model	Location	Size	Position	Status	OK	ScanID
OS&Y			Pump Room	6"			<input type="checkbox"/>	22762906
Description								
Main Control								
Devices								
Sprinkler Box								
Qty	Tool Available?	Size	Manufacturer	Location			OK	ScanID
12	Yes	12 unit	Reliable	Fire Pump Room			<input type="checkbox"/>	22762912
Sprinkler Box Spares								
Qty	Type	KFactor	Manufacturer	Location			OK	ScanID
12			Rasco	Fire Pump Room			<input type="checkbox"/>	22762913
Wrenches								
Qty	Type	Manufacturer		Location			OK	ScanID
2	Sprinkler	Rasco		Fire Pump Room			<input type="checkbox"/>	22762914

Building: WVU Parkersburg - Main Bldg		Ground Shop				
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>						
Components						
Inspector's Test						
Manufacturer	Model #	Pressure psi	Trip Time Sec	Flow Sec	OK	ScanID
					<input type="checkbox"/>	22764212

Building: WVU Parkersburg - Main Bldg		H 15, Floors-						
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>								
Alarms								
Waterflow Switch								
Type	Manufacturer	Model #	Sec	Size	Zone/Address	OK	ScanID	
Vane	Potter Electric			2.5	1	<input type="checkbox"/>	22762882	
Components								
Control Valve								
Type	Manufacturer	Model	Location	Size	Position	Status	OK	ScanID
Butterfly	Milwaukee		1st Floor	2.5"			<input type="checkbox"/>	22762881
Description								
Main Control								
Inspector's Test								
Manufacturer	Model #	Pressure psi	Trip Time Sec	Flow Sec	OK	ScanID		
					<input type="checkbox"/>	22762883		

Building: WVU Parkersburg - Main Bldg		H12, Floors-	
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>			
Alarms			
Tamper Switch			
Type	Description	Manufacturer	Zone/Address
OS & Y	Supervisory	Potter Electric	1
<div>OK <input type="checkbox"/></div> <div>ScanID 22762889</div>			
Waterflow Switch			
Type	Manufacturer	Model #	Sec
Vane	Potter Electric		
Size	Zone/Address	OK	ScanID
4"	1	<input type="checkbox"/>	22762890
Components			
Control Valve			
Type	Manufacturer	Model	Location
OS&Y			1st Floor
Size	Position	Status	OK
4"			<input type="checkbox"/>
<div>ScanID 22762888</div>			
Description			
Main Control			
Inspector's Test			
Manufacturer	Model #	Pressure psi	Trip Time Sec
Flow Sec	OK	ScanID	
	<input type="checkbox"/>	22762887	

Building: WVU Parkersburg - Main Bldg		H23	
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>			
Alarms			
Tamper Switch			
Type	Description	Manufacturer	Zone/Address
OS & Y	Supervisory	Potter Electric	1
<div>OK <input type="checkbox"/></div> <div>ScanID 22762900</div>			
Waterflow Switch			
Type	Manufacturer	Model #	Sec
Vane	Potter Electric		
Size	Zone/Address	OK	ScanID
4"	1	<input type="checkbox"/>	22762901
Components			
Control Valve			
Type	Manufacturer	Model	Location
OS&Y			Hallway
Size	Position	Status	OK
4"			<input type="checkbox"/>
<div>ScanID 22762899</div>			
Description			
Main Control			
Inspector's Test			
Manufacturer	Model #	Pressure psi	Trip Time Sec
Flow Sec	OK	ScanID	
	<input type="checkbox"/>	22762902	

Building: WVU Parkersburg - Main Bldg		Hallway 13-14, Floors-							
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>									
Alarms									
Tamper Switch									
Type	Description	Manufacturer	Zone/Address	OK	ScanID				
OS & Y	Supervisory	Potter Electric	1	<input type="checkbox"/>	22762879				
Components									
Control Valve									
Type	Manufacturer	Model	Location	Size	Position	Status	OK	ScanID	
OS&Y			1st Floor	4"			<input type="checkbox"/>	22762880	
Description									
Main Control									
Devices									
Drain									
Type	Location	Size	Supply psi	Static psi	Residual psi	Sec	OK	ScanID	
Sectional	1st Floor	2"					<input type="checkbox"/>	22762878	

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

Building: WVU Parkersburg - Main Bldg		Penthouse						
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>								
Alarms								
Waterflow Switch								
Type	Manufacturer	Model #	Sec	Size	Zone/Address	OK	ScanID	
Vane	Potter Electric			3"	1	<input type="checkbox"/>	22762828	
Components								
Control Valve								
Type	Manufacturer	Model	Location	Size	Position	Status	OK	ScanID
Butterfly	Victaulic		Penthouse	3"			<input type="checkbox"/>	22762826
Description								
Main Control								
Inspector's Test								
Manufacturer	Model #	Pressure psi	Trip Time Sec	Flow Sec	OK	ScanID		
					<input type="checkbox"/>	22762829		
Devices								
Gauge								
Type	Mfr/Model	Location	Static psi	Fill Type	Size	OK	ScanID	
System Pressure		Penthouse	100		1/4	<input type="checkbox"/>	22762827	

Building: WVU Parkersburg - Main Bldg				S1-4				
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>								
<i>Alarms</i>								
Waterflow Switch								
Type	Manufacturer	Model #	Sec	Size	Zone/Address	OK	ScanID	
Vane	System Sensor			2 1/2"	1	<input type="checkbox"/>	22762822	
<i>Components</i>								
Control Valve								
Type	Manufacturer	Model	Location	Size	Position	Status	OK	ScanID
Butterfly	Victaulic		Stairwell	2.5"			<input type="checkbox"/>	22762821
Description								
Main Control								
Inspector's Test								
Manufacturer		Model #	Pressure psi	Trip Time Sec		Flow Sec	OK	ScanID
							<input type="checkbox"/>	22762825

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

Building: WVU Parkersburg - Main Bldg		S5 1st Floor, Floors-				
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>						
Inspector's Test						
Manufacturer	Model #	Pressure psi	Trip Time Sec	Flow Sec	OK	ScanID
					<input type="checkbox"/>	22762891

Building: WVU Parkersburg - Main Bldg		S5 2nd Floor	
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>			
Alarms			
Tamper Switch			
Type	Description	Manufacturer	Zone/Address
OS & Y	Supervisory	Potter Electric	1
<div>OK <input type="checkbox"/></div> <div>ScanID 22762897</div>			
Waterflow Switch			
Type	Manufacturer	Model #	Sec
Vane	Reliable		
<div>Size 4"</div> <div>Zone/Address 1</div> <div>OK <input type="checkbox"/></div> <div>ScanID 22762895</div>			
Components			
Control Valve			
Type	Manufacturer	Model	Location
OS&Y			2nd Floor
<div>Size 4"</div> <div>Position</div> <div>Status</div> <div>OK <input type="checkbox"/></div> <div>ScanID 22762896</div>			
Description			
Main Control			
Inspector's Test			
Manufacturer	Model #	Pressure psi	Trip Time Sec
<div>Flow Sec</div> <div>OK <input type="checkbox"/></div> <div>ScanID 22762898</div>			

Building: WVU Parkersburg - Main Bldg		S5 3rdFloor	
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>			
Alarms			
Tamper Switch			
Type	Description	Manufacturer	Zone/Address
OS & Y	Supervisory	Potter Electric	1
<div>OK <input type="checkbox"/></div> <div>ScanID 22762819</div>			
Waterflow Switch			
Type	Manufacturer	Model #	Sec
Vane	Potter Electric		
Size	Zone/Address	OK	ScanID
4"	1	<input type="checkbox"/>	22762817
Components			
Control Valve			
Type	Manufacturer	Model	Location
OS&Y			Stairwell
Size	Position	Status	OK
4"			<input type="checkbox"/>
<div>ScanID 22762818</div>			
Description			
Main Control			
Inspector's Test			
Manufacturer	Model #	Pressure psi	Trip Time Sec
		2	
Flow Sec	OK	ScanID	
	<input type="checkbox"/>	22762820	

Building: WVU Parkersburg - Main Bldg		Science Wing, Floors-							
<i>A sprinkler system employing automatic sprinklers attached to a piping system containing water and connected to a water supply so that water discharges immediately from sprinklers opened by heat from a fire.</i>									
Alarms									
Tamper Switch									
Type	Description	Manufacturer	Zone/Address	OK	ScanID				
OS & Y	Supervisory	Potter Electric	1	<input type="checkbox"/>	22762868				
Waterflow Switch									
Type	Manufacturer	Model #	Sec	Size	Zone/Address	OK	ScanID		
Vane	Potter Electric			4"	1	<input type="checkbox"/>	22762870		
Vane	Reliable			4"	1	<input type="checkbox"/>	22762872		
Components									
Control Valve									
Type	Manufacturer	Model	Location	Size	Position	Status	OK	ScanID	
Butterfly	Milwaukee		Basement	2.5"			<input type="checkbox"/>	22762871	
Description									
Main Control									
Control Valve									
Type	Manufacturer	Model	Location	Size	Position	Status	OK	ScanID	
OS&Y			Basement H-01	4"			<input type="checkbox"/>	22762869	
Description									
Main Control									
Devices									
Drain									
Type	Location	Size	Supply psi	Static psi	Residual psi	Sec	OK	ScanID	
Sectional	Basement	1.5"					<input type="checkbox"/>	22762873	

Backflow Test & Maintenance Report

Generated by: BuildingReports.com

Building: WVU Parkersburg - Main Bldg		Basement	
Devices and equipment to protect potable water supplies from contamination or pollution due to backflow.			
Components			
Backflow Prevention			
Manufacturer	Model #	Size	Type
Watts Regulator	009M2	2"	Reduced Pressure
Service Type	Install Date		
Potable	08/11/2014		
ScanID	Water Purveyor	Location	Meter Account #
22248826		Boiler Room	
Serial Number	A46540		
Initial Test			
Check Valve 1	Check Valve 2	Relief Valve	Pressure Vacuum Breaker
Closed Tight 8.8	Closed Tight 7.8	2.0	
Held At	Repairs or Notes		
65			
Final Test			
Check Valve 1	Check Valve 2	Relief Valve	Pressure Vacuum Breaker
Held At	Condition of Control Valve 1	Condition of Control Valve 2	
	Closed Tight		

Building: WVU Parkersburg - Main Bldg		Fire Pump Room			
<i>Devices and equipment to protect potable water supplies from contamination or pollution due to backflow.</i>					
Backflow Prevention					
Manufacturer	Model #	Size	Type	Service Type	Install Date
Watts Regulator	909M2	3"	Reduced Pressure	Potable	08/11/2014
ScanID	Water Purveyor	Location		Meter Account #	Serial Number
22248829		Pump Room			126982
Initial Test					
Check Valve 1		Check Valve 2		Relief Valve	Pressure Vacuum Breaker
Closed Tight 8.6		Closed Tight 7.2		2.2	
Held At	Repairs or Notes				
45					
Final Test					
Check Valve 1		Check Valve 2		Relief Valve	Pressure Vacuum Breaker
Held At	Condition of Control Valve 1			Condition of Control Valve 2	
	Closed Tight				
Backflow Prevention					
Manufacturer	Model #	Size	Type	Service Type	Install Date
Ames	2000SS	6"	Double Chk Detector	Fire Line	08/11/2014
ScanID	Water Purveyor	Location		Meter Account #	Serial Number
22248828		Pump Room			53961
Initial Test					
Check Valve 1		Check Valve 2		Relief Valve	Pressure Vacuum Breaker
Closed Tight 2.4		Closed Tight 3.8			
Held At	Repairs or Notes				
40					
Final Test					
Check Valve 1		Check Valve 2		Relief Valve	Pressure Vacuum Breaker
Held At	Condition of Control Valve 1			Condition of Control Valve 2	
	Closed Tight				

Building: WVU Parkersburg - Main Bldg		PUMP ROOM			
<i>Devices and equipment to protect potable water supplies from contamination or pollution due to backflow.</i>					
Backflow Prevention					
Manufacturer	Model #	Size	Type	Service Type	Install Date
Watts Regulator	009M3	.75	Reduced Pressure	Boiler	08/11/2014
ScanID	Water Purveyor	Location		Meter Account #	Serial Number
22248827		PumP ROOM			265638
Initial Test					
Check Valve 1		Check Valve 2		Relief Valve	Pressure Vacuum Breaker
Closed Tight 9.0		Closed Tight 8.6		2.4	
Held At	Repairs or Notes				
65					
Final Test					
Check Valve 1		Check Valve 2		Relief Valve	Pressure Vacuum Breaker
Held At	Condition of Control Valve 1			Condition of Control Valve 2	
	Closed Tight				

Inventory & Warranty Report

Generated by: BuildingReports.com

Building: WVU Parkersburg - Main Bldg

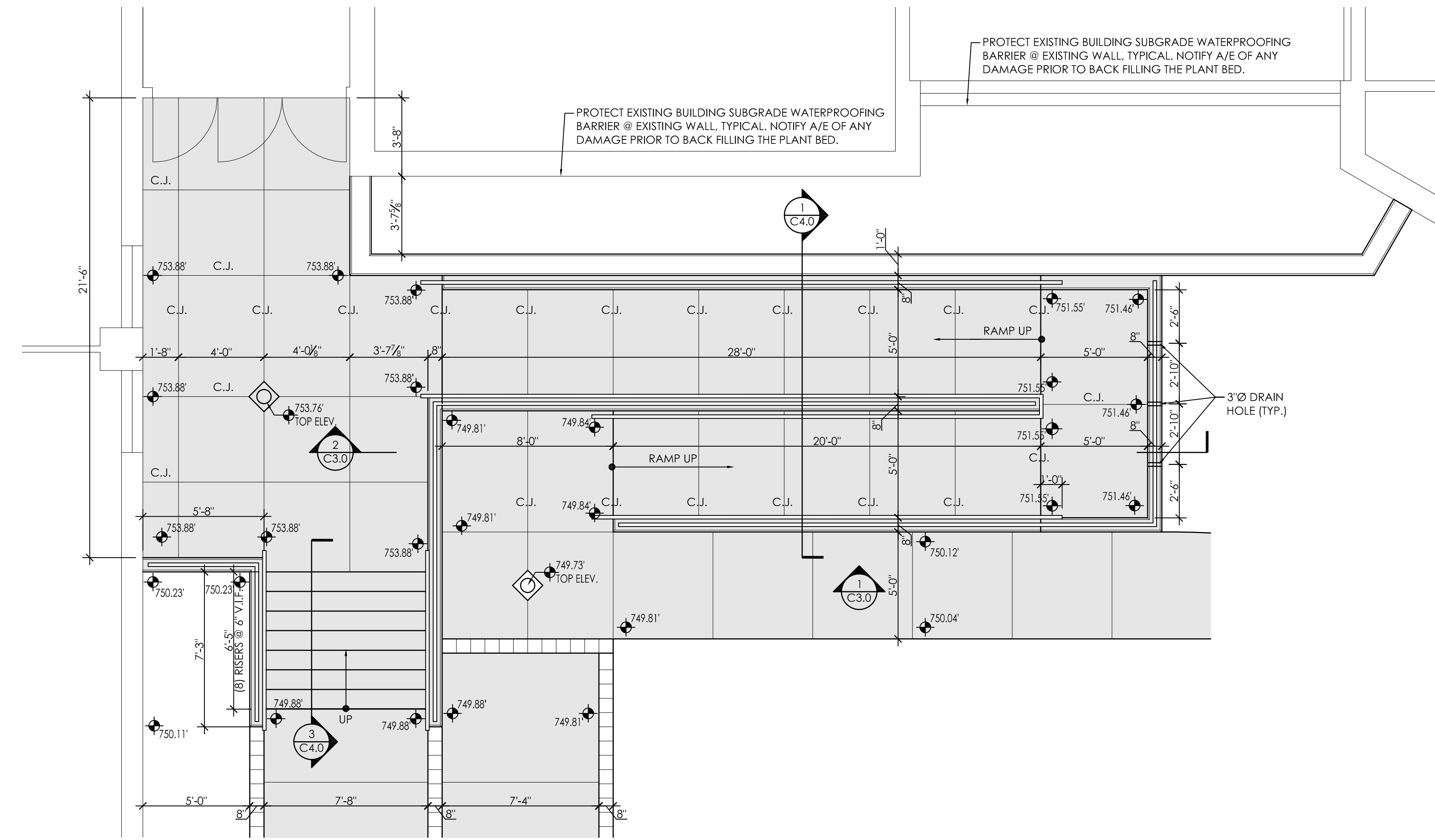
The Inventory & Warranty Report lists each of the devices and items that are included in your Inspection Report. A complete inventory count by device type and category is provided. Items installed within the last 90 days, within the last year, and devices installed for two years or more are grouped together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

Device or Item	Category	% of Inventory	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

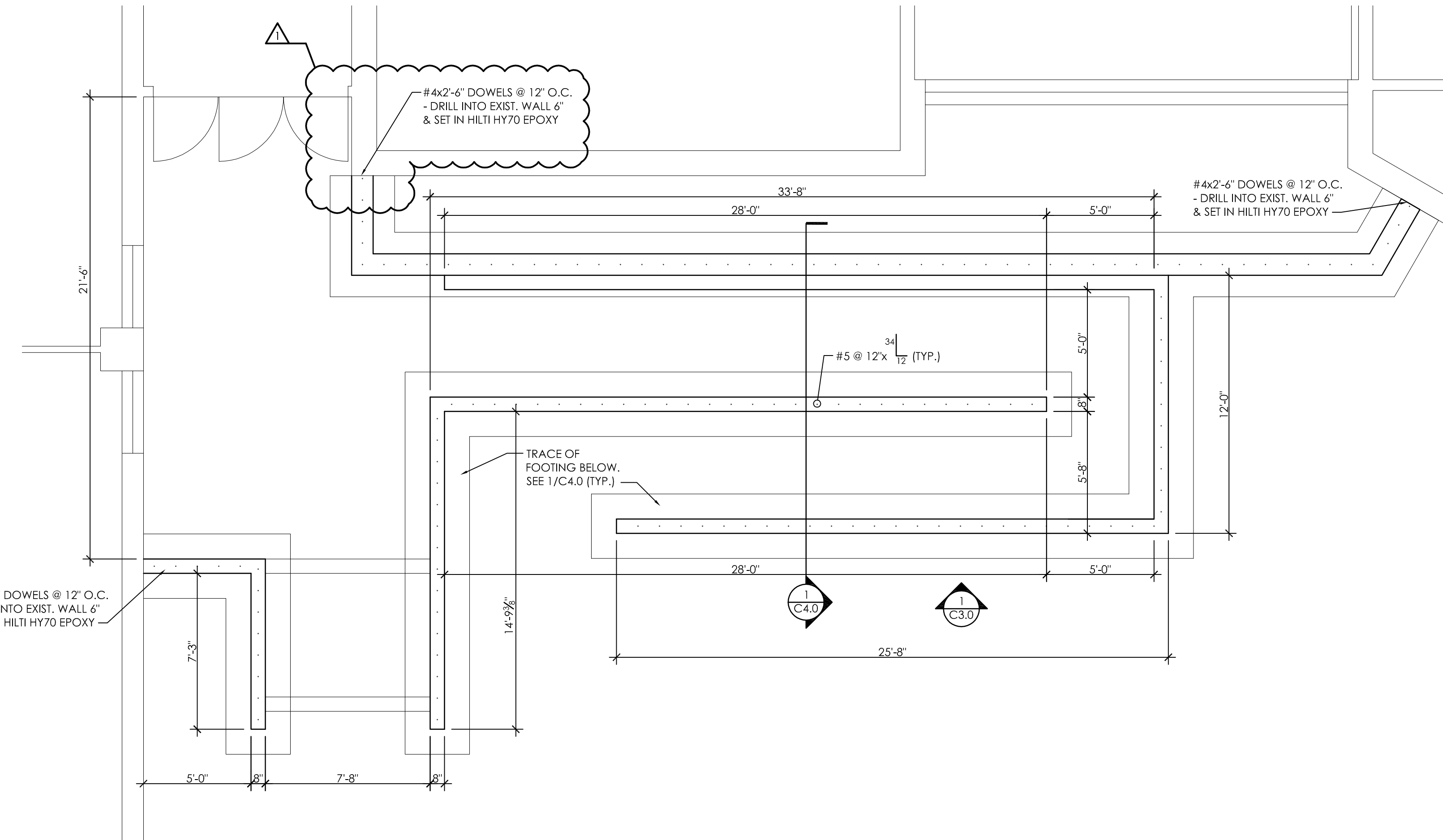
Device or Item	Qty	Model #	Type	Description	Install Date
<i>In Service - 3 Years to 5 Years</i>					
Penthouse Wet Pipe					
Gauge	1		System Pressure		08/11/2015
Ground Shop Wet Pipe					
Inspector's Test	1				08/14/2014
Basement Cross Conn. Control					
Backflow Prevention	1	009M2	Reduced Pressure		08/11/2014
Fire Pump Room Cross Conn. Control					
Backflow Prevention	1	2000SS	Double Chk Detector		08/11/2014
Backflow Prevention	1	909M2	Reduced Pressure		08/11/2014
PUMP ROOM Cross Conn. Control					
Backflow Prevention	1	009M3	Reduced Pressure		08/11/2014
<i>In Service - 5 Years to 10 Years</i>					
Fire Pump Room Wet Pipe					
Control Valve	4		OS&Y	Main Control	09/03/2013
Diesel Driver	1	JU4H-UFAFAO			09/03/2013
Control Valve	1		OS&Y	Main Control	09/03/2013
Jockey Controller	1				09/03/2013
Jockey Pump	1	J125H	Automatic		09/03/2013

<i>In Service - 5 Years to 10 Years</i>				
Tamper Switch	5		OS & Y	Supervisory
Waterflow Switch	1		Vane	Alarm
Sprinkler Box Spares	1			
Wrenches	1		Sprinkler	
Sprinkler Box	1			
Pump	1	TC12F	Pump Primary	
Fire Pump Gauge	1		Discharge	
Fire Pump Gauge	1		Suction	
Tamper Switch	1		OS & Y	Supervisory
Controller	1	GPD-12-120		Automatic
Control Valve	1		Butterfly	Main Control
0418 Hallway Wet Pipe, Floors–				
Drain	1		Sectional	
Crawl Space Auditorium Wet Pipe, Floors–				
Inspector's Test	1			
Control Valve	1		Butterfly	Main Control
Waterflow Switch	1		Vane	Alarm
H 15 Wet Pipe, Floors–				
Inspector's Test	1			
Control Valve	1		Butterfly	Main Control
Waterflow Switch	1		Vane	Alarm
H12 Wet Pipe, Floors–				
Control Valve	1		OS&Y	Main Control
Inspector's Test	1			
Tamper Switch	1		OS & Y	Supervisory
Waterflow Switch	1		Vane	Alarm
H23 Wet Pipe				
Control Valve	1		OS&Y	Main Control
Inspector's Test	1			
Tamper Switch	1		OS & Y	Supervisory
Waterflow Switch	1		Vane	Alarm
Hallway 13–14 Wet Pipe, Floors–				
Control Valve	1		OS&Y	Main Control
Drain	1		Sectional	
Tamper Switch	1		OS & Y	Supervisory
Out Front Library Wet Pipe, Floors–				
Control Valve	1		OS&Y	Main Control
Tamper Switch	1		OS & Y	Supervisory
Waterflow Switch	1		Vane	Alarm
Penthouse Wet Pipe				
Inspector's Test	1			
Waterflow Switch	1		Vane	Alarm
Control Valve	1		Butterfly	Main Control
S1–4 Wet Pipe				
Inspector's Test	1			
Waterflow Switch	1		Vane	Alarm

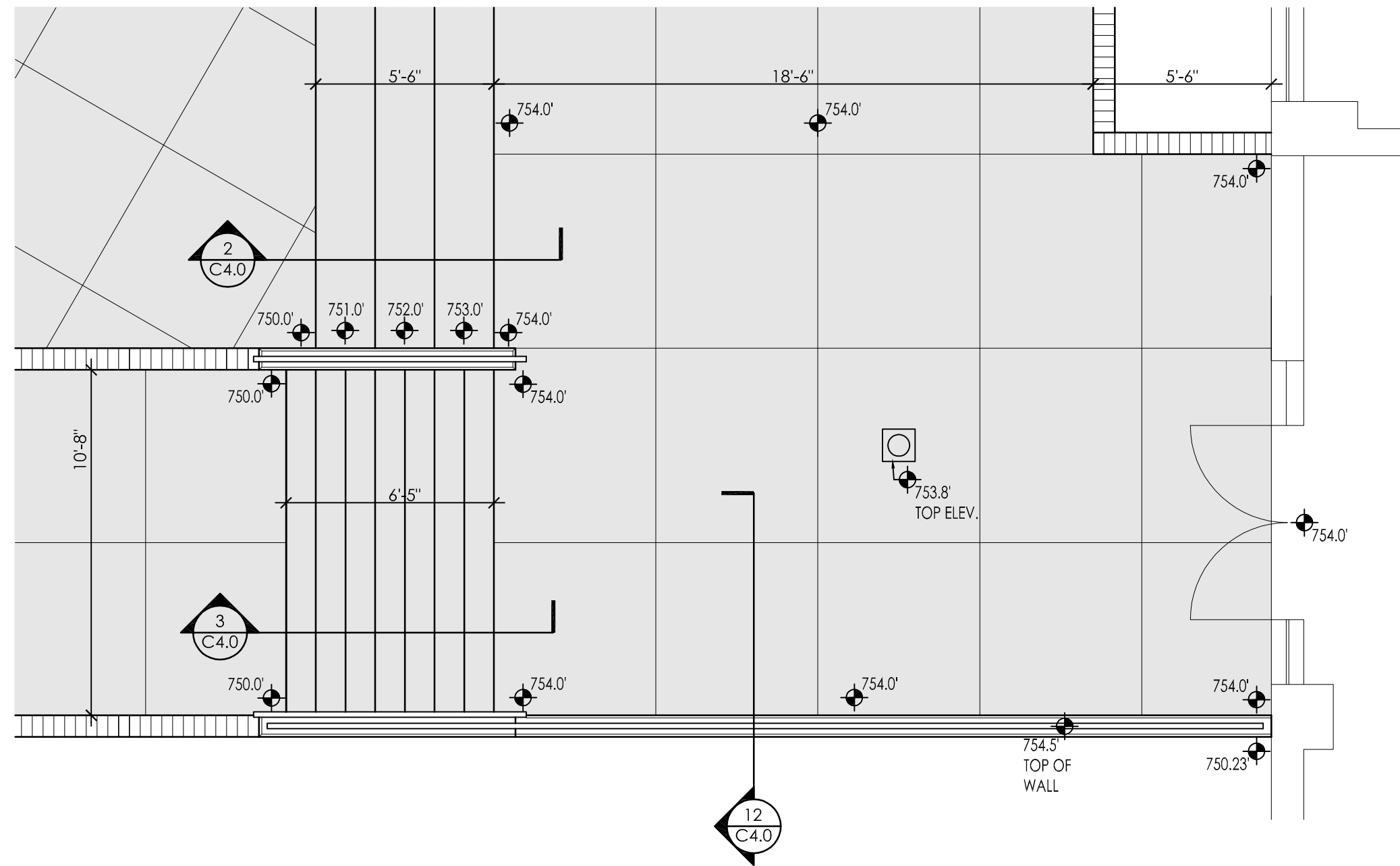
<i>In Service - 5 Years to 10 Years</i>				
Control Valve	1	Butterfly	Main Control	08/30/2013
S5 1st Floor Wet Pipe				
Control Valve	1	OS&Y	Main Control	08/30/2013
Tamper Switch	1	OS & Y	Supervisory	08/30/2013
Waterflow Switch	1	Vane	Alarm	08/30/2013
S5 1st Floor Wet Pipe, Floors–				
Inspector's Test	1			08/30/2013
S5 2nd Floor Wet Pipe				
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 Pipe				
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 Pipe, 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



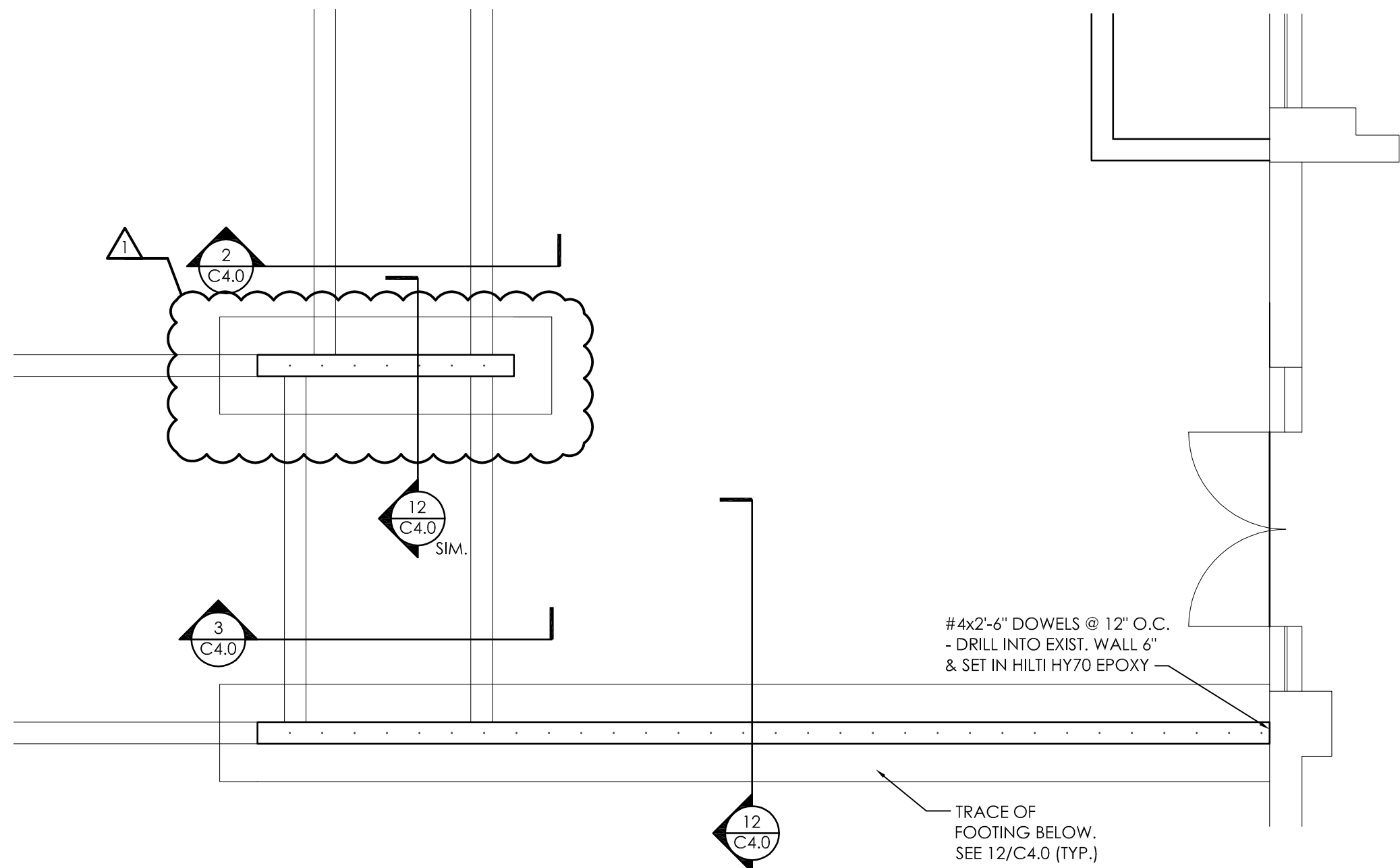
1 STAIR/RAMP PLAN
SCALE: 1/4" = 1'-0"



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



3 STAIR PLAN
SCALE: 1/4" = 1'-0"



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

REVISION	
FOUNDATION 10-23-18	

DRAWN BY: C. BRONDER	CHECKED BY: D. GRANT
PROJECT NO. 18-053.5	
SCALE: AS NOTED	DATE: 08-30-18

SHEET C2.0
