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St. Louis, MO 63103
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January 6, 2017

Mike Whitworth
William Tao & Associates
7955 Manchester Road, Suite 125
St. Louis, Missouri 63143-2711
Phone: 314-884-7600
Fax: 314-884-7601

**RE: Webster University-ISB, Webster Groves, MO
Wet Pipe Sprinkler System Product Data
NO. 211313F02**

Dear Mike:

Ahern would like to address the comments as listed on transmitted review from WES. Ahern Fire Protection feels we can address these concerns in written form verses a full resubmittal.

We have organized the comments needing review by WES's status followed by our responses in **bold**.

AMEND AND RESUBMIT

1. Pages 034 – 039
Quick Response Dry
Pendent Sprinkler
Viking
Model - SIN Not Specified.

These heads were initially included due to the potential for the change in design from UL to FM. These sprinklers are not being utilized on this project.

2. Pages 044 -049
Microfast Quick Response
Pendent Sprinkler
Viking
Model – SIN VK302

See Item 1 response.

3. Pages 060 – 065
Microfast Quick Response
Pendent Sprinkler
Viking
Model – SIN VK352 (K8.0)

See Item 1 response.

80% of all Ahern employees
hold professional certifications.

4. Pages 066 – 071
Microfast Quick Response
Pendent Sprinkler
Viknig
Model – SIN VK352 (K8.0)

See Item 1 response.

5. Pages 113 – 120
Concealed Dry Pendant
Sprinkler
Reliable
Model – G5-56 Dry
(SIN RA5114)

Due the nature of the concealed plate we have switched the VK194 sprinkler heads shown on Sheet FP102.B to the sprinkler listed above. This provided for a true flat plate. The color choice is currently on hold and Ahern is awaiting a final decision on an approved color.

REVIEWED ONLY

1. Pages 169 – 183
Flexible Sprinkler Hose
Victaulic
Model – Series AH2
Bracket AB1, AB7 and
AB7 Adjustable

This product is being provided to meet the ceiling tolerance requirements for the sprinkler heads in addition to assisting in above ceiling coordination. This product is being provided at no additional cost.

All additional comments are either “no acceptations taken” or “make corrections as noted, no resubmittal”.

Should you have any questions or concerns, please feel free to contact me at 314/535-4544.

Very truly yours,

Dana Mitchell
Senior Designer

AHERN FIRE PROTECTION
A division of J. F. Ahern Co.

Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: February 6, 2017

Attention: stl-cac@cannondesign.com

Contact Person / WTA Field Inspector:
Patrick Garner

Project Name: Webster University-**ISB**

Reviewed by: Mike Whitworth (WES)

Project No. WT 14127.01
WES 607

☐ UPS ☐ Courier ☒ **Email**

Copies	No.	Description
1 PDF	211313F02A	(Submittal No.'s:)
		(Cannon #211313-015 REV002-) - (Paric #15051-0459) - (WES #607)
		➤ Wet Pipe Sprinkler System - Resubmittal

***Remarks: See Submittal Review from Webb Engineering.**

c: Kelvin Patel
Kpatel@cannondesign.com

☒ ***Reviewed**

☒ ***No Exceptions Taken**

☐

☐ *Make Corrections As Noted,
No Resubmittal Required

Corrections or comments made on shop drawings during this review do not relieve contractor from compliance with requirements of drawings and specifications. This check is only for review of general conformance with the design concept of project and general compliance with information given in contract documents. Contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating his work with that of all other trades; and performing his work in a safe and satisfactory manner.



1400 S. 3rd Street, Suite 201
St. Louis, Missouri 63104
Phone: (314) 588-0600
Fax: (314) 588-0604

Letter of Transmittal

To: wtashop@wmtao.com

From: Mike Whitworth

Date: February 04, 2017

Re: Webster University ISB

WES No: 607

☐ For your Files

☐ For Review

☐ Please Comment

☐ Please Reply

Item No.	Description	No. of Copies	Date
1	Shop Drawing Review – (213113-015 REV002) 211313 Wet Pipe Sprinkler System	1	02/04/17

•Signature: Mike Whitworth

The review of this submittal is limited to the general conformance with the designated design concept and intent of this project and with the general compliance of the information provided in the contract documents. All comments, remarks and notations made on the submittal(s) as a result of this review do not relieve the contractor from full compliance with requirements of the contract documents. Approval for a specific item shall not include approval of an assembly of which the item is not a component. The contractor is solely responsible for rough-in and installation confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordination of this work with that of other trades on this project; and in a safe and satisfactory manner. All work shall be installed in full compliance with the manufacturer's recommendation, Federal, State and Local rules and regulation and the Authority Having Jurisdiction (AHJ) and applicable adopted codes and standards.

PROJECT NAME: Webster Univ. ISB
 LOCATION: St. Louis Mo.
 CLIENT PROJ. NO.: N/A
 WES PROJ. NO.: 607
 SPECIFICATION SECTION: 211313 Wet Pipe Sprinkler System
 SUBMITTAL ITEM: See Below -

CONTRACTOR: J.F. Ahern Co.
 CTR. SUBMITTAL #: 21 1313-015 REV002
 SUBMITTAL DATE: January 06, 2017
 DATE RECEIVED: January 31, 2017
 RECEIVED VIA: E-Mail
 RECEIVED FROM: WTA
 DATE RETURNED: FEBRUARY 04, 2017
 RETURNED VIA: E-MAIL
 RETURNED TO: WTASHOP@WMTAO.COM

STATUS KEY:

NO EXCEPTION TAKEN						
MAKE CORRECTIONS NOTED, NO RESUBMITTAL:						
AMEND AND RESUBMIT						
REJECTED, SEE REMARKS:						
REVIEWED ONLY						
NEC	MCN	AAR	REJ	REV	ITEM	REMARKS
This review is based on a letter from Ahern Fire Protection, dated January 06, 2017, addressing the shop drawing review comments of December 20, 2016, tagged as 'Amend and Resubmit' and 'Reviewed Only'.						
X					Pages 034 – 039 Quick Response Dry Pendant Sprinkler Viking Model - SIN Not Specified	
X					Pages 044 -049 Microfast Quick Response Pendant Sprinkler Viking Model – SIN VK302	
X					Pages 060 – 065 Microfast Quick Response Pendant Sprinkler Viking Model – SIN VK352 (K8.0)	
X					Pages 066 – 071 Microfast Quick Response Pendant Sprinkler Viking Model – SIN VK352 (K8.0)	

X					Pages 113 – 120 Concealed Dry Pendant Sprinkler Reliable Model – G5-56 Dry (SIN RA5114)	
X					Pages 169 – 183 Flexible Sprinkler Hose Victaulic Model – Series AH2 Bracket AB1, AB7 and AB7 Adjustable	

REVIEWED BY: Michael R. Whitworth DATE: February 04, 2017

THESE COMMENTS ARE TO BE ATTACHED TO ALL COPIES OF THE SHOP DRAWING REFERENCED ABOVE.

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

PROJECT NAME	
ADDRESS	
NUMBER	
OWNER	
ARCHITECT / ENGINEER	
SUBMITTED BY	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
CRITICAL	☐

To be completed by Reviewer

CANNON DESIGN SUBMITTAL NUMBER
RECEIVED DATE

- ☐ **A. No Exceptions Taken**
No further review of submittal is required.
- ☐ **B. Make Corrections Noted**
Incorporate corrections in work;
resubmission is not required.
- ☐ **C. Revise and Resubmit**
Revise as noted, and resubmit for review.
- ☐ **D. Rejected**
Submittal is not in compliance with Contract Documents;
provide new submittal.
- ☐ **E. For Record / Information Only**
Submittal was reviewed for Record / Information
purposes only.
- ☐ **F. Not Required for Review**
Submittal is not required by Contract Documents
and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

ITEM BEING SUBMITTED (check only one)

- ☐ Shop Drawings ☐ Certification / Qualifications ☐ Coordination Drawing
☐ Samples ☐ Record Documents ☐ Calculations
 (_____ copies) ☐ Product Data ☐ Schedules
☐ LEED Submittal ☐ O&M Manuals
☐ Other _____

ITEM BEING SUBMITTED FOR (check only one)

- ☐ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)



PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

Ry:

By:
Devin D. Gates

REVIEWED BY	DATE

A/E COMMENTS

- ☐
- See attached sheet(s) for additional comments

REVIEWED BY	DATE



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0459

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 01/26/2017

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

Fax;
314-241-2203

RE: Wet Pipe Sprinkler System Product Data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☒ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	SENT VIA:	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☒ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

Item	Package	Code	Rev.	Copies	Date	Description	Status
Submittal		211313-015	2		01/26/2017	Wet Pipe Sprinkler System Product Data	Submitted

NOTES:

CC:

Signed: _____
Devin Gates