LEGEND

S S S S — ABLE TO RESIST PASSAGE OF SMOKE

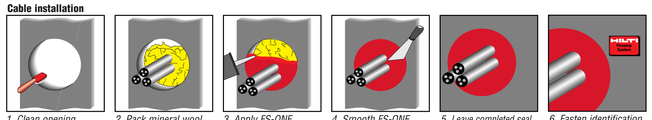
1 HOUR FIRE

2 HOUR FIRE

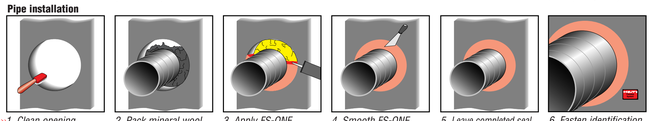
Installation instructions for FS-ONE

City of New York — MEA 326-96-M Vol. II

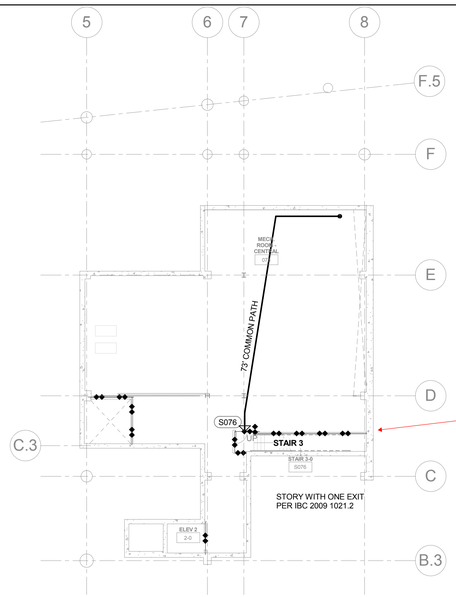
Cable installation



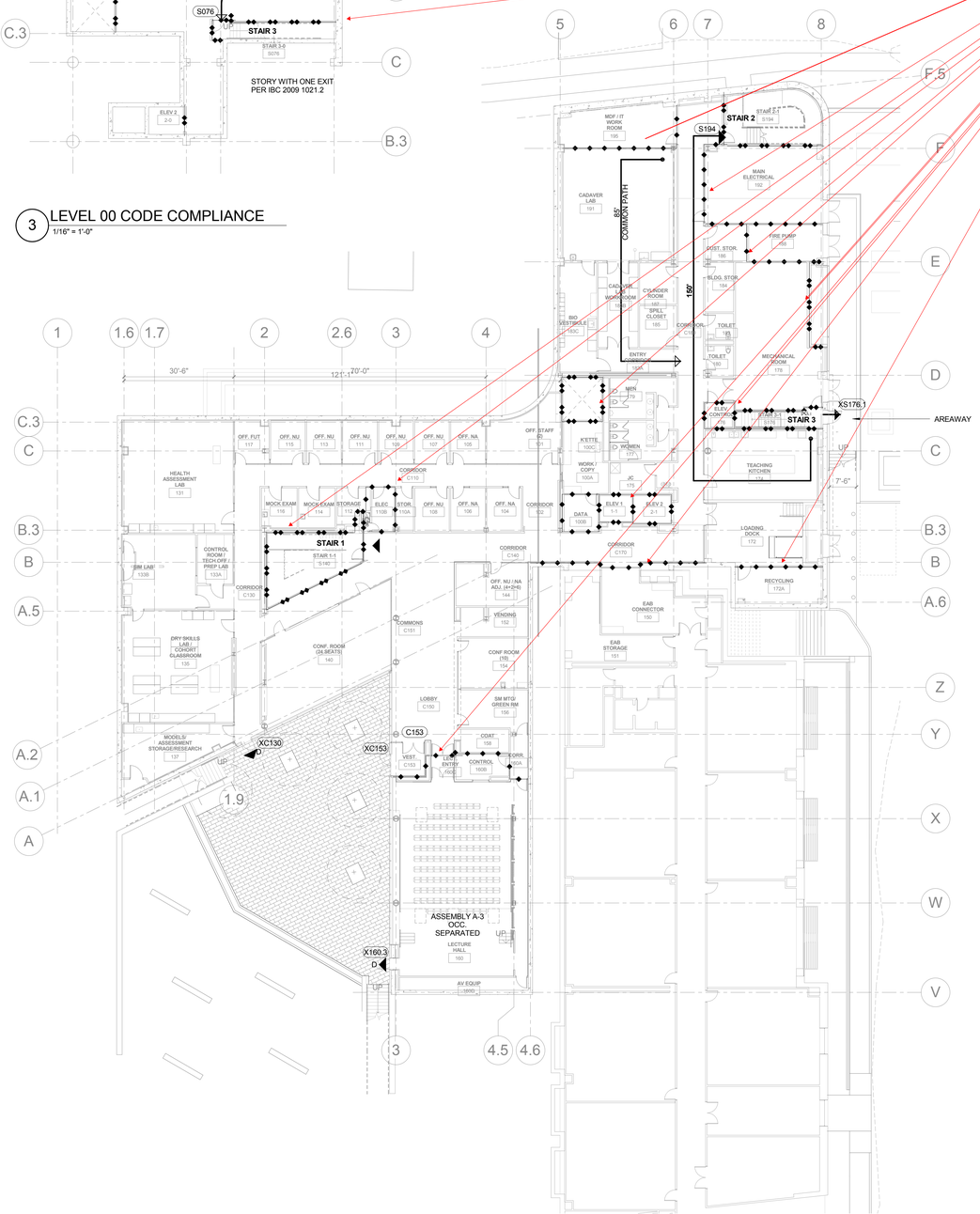
Pipe installation



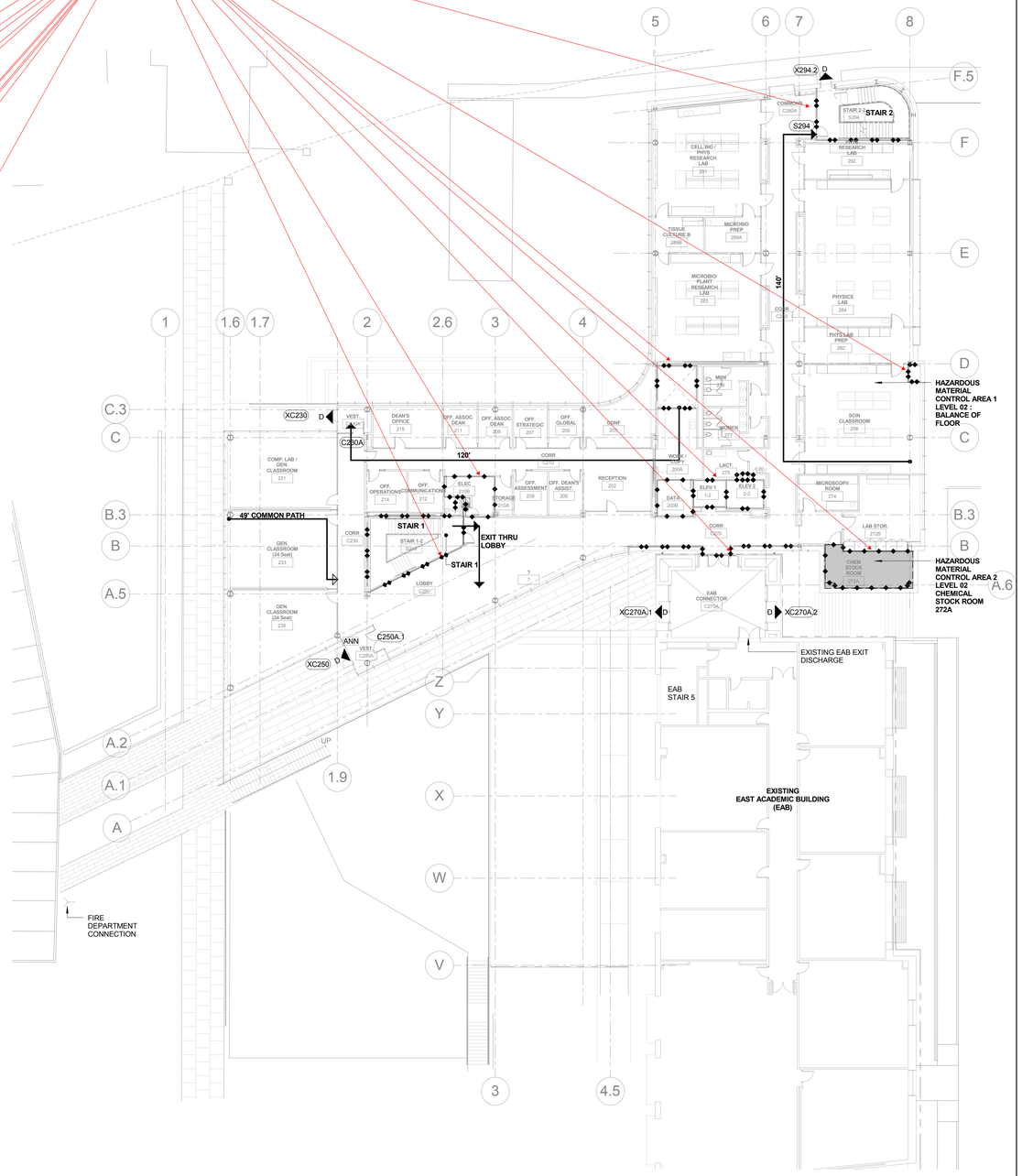
All Fire Rated Walls Penetrated by an Electrical Conduit/Raceway to be Fire Caulked Utilizing HILTI FS One High Performance Intumescent Firestop Sealant.



3 LEVEL 00 CODE COMPLIANCE
1/16" = 1'-0"



1 LEVEL 01 CODE COMPLIANCE PLAN
1/16" = 1'-0"



2 LEVEL 02 CODE COMPLIANCE PLAN
1/16" = 1'-0"

Webster University
Interdisciplinary Science Building

CANNONDESIGN

1100 Clark Avenue
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T: 314.241.6250
F: 314.241.2570

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7955 Manchester Road, Suite 125
St. Louis, MO 63143
314-884-7600

David Mason & Associates, Inc
Structural & Civil Engineer
800 South Vandeventer Avenue
St. Louis, MO 63110
314.534.1053

Faith Group
Technology
3101 S. Hanley Rd, Suite 100
St. Louis, MO 63143
314.991.2228

Kuhlmann Leavitt, Inc.
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314.725.6616

KWA Architects
Architecture
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St. Louis, MO 63124
314.962.2560

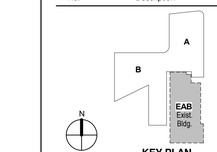
Spellman Brady & Company
Interior Designer
8251 Maryland Avenue, Suite 300
St. Louis, MO 63105
314.862.0070

SWT Design
Landscape Architect
7722 Big Bend Blvd
St. Louis, MO 63119
314.644.5700

Webb Engineering Services, Inc.
Plumbing & Fire Protection
1400 S. 3rd Street, Suite 201
St. Louis, MO 63104
314.588.0600

CONFORMED SET **01 JUL 2016**

No.	Description	Date
1	ADDENDUM 1-6	01 MAR 2016
-	ISSUED FOR CONSTRUCTION (BP1)	15 JAN 2016



KEY PLAN

Drawing Title:

LEVEL 01 AND 02 CODE COMPLIANCE PLAN

Project No.: 04561.01 Checked by:

G0202

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LEGEND

S S S S — ABLE TO RESIST PASSAGE OF SMOKE

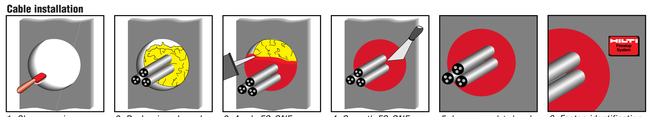
1 HOUR FIRE

2 HOUR FIRE

Installation instructions for FS-ONE

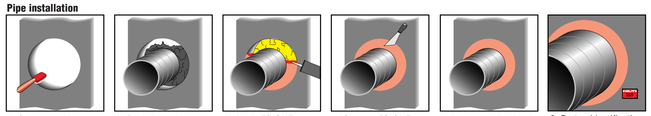
City of New York MEA 326-96-M Vol. II

Cable installation



1. Clean opening. 2. Pack mineral wool. (If required) 3. Apply FS-ONE. 4. Smooth FS-ONE. 5. Leave completed seal undisturbed for 48 hours. 6. Fasten identification plate (if required).

Pipe installation



1. Clean opening. 2. Pack mineral wool. (If required) 3. Apply FS-ONE. 4. Smooth FS-ONE. 5. Leave completed seal undisturbed for 48 hours. 6. Fasten identification plate (if required).

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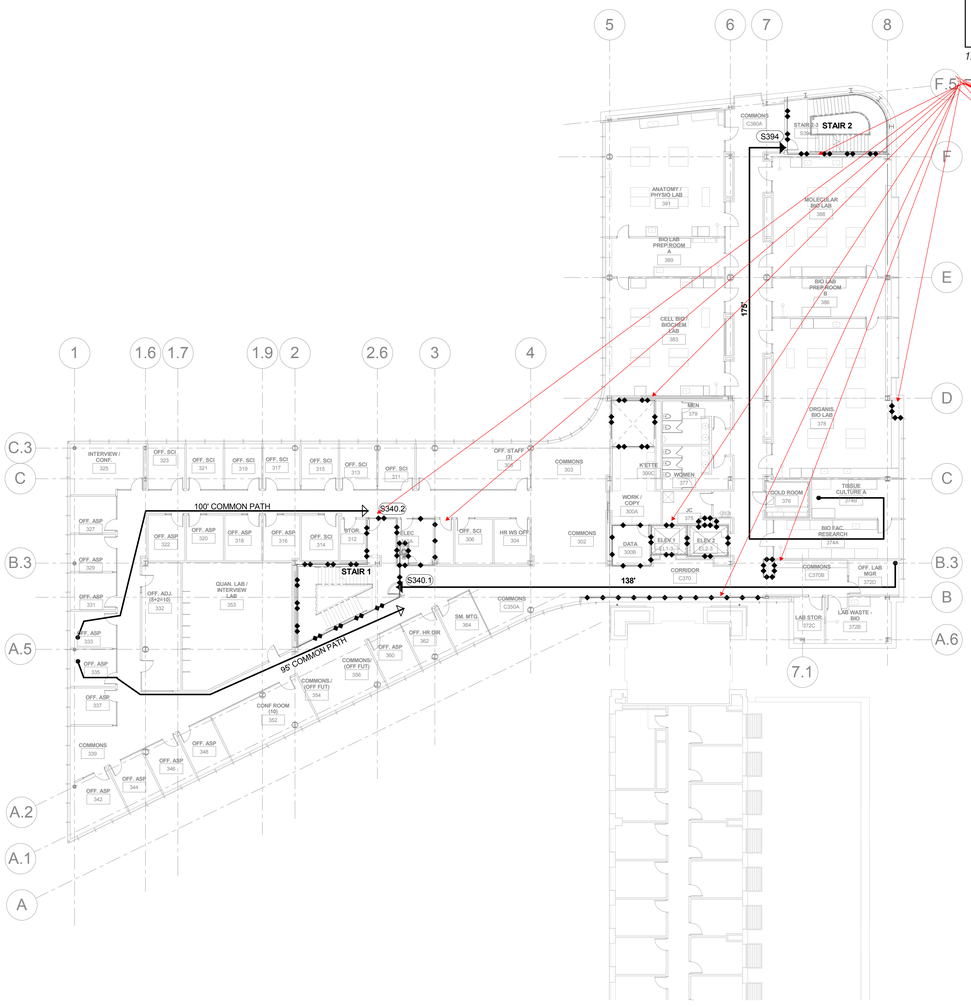
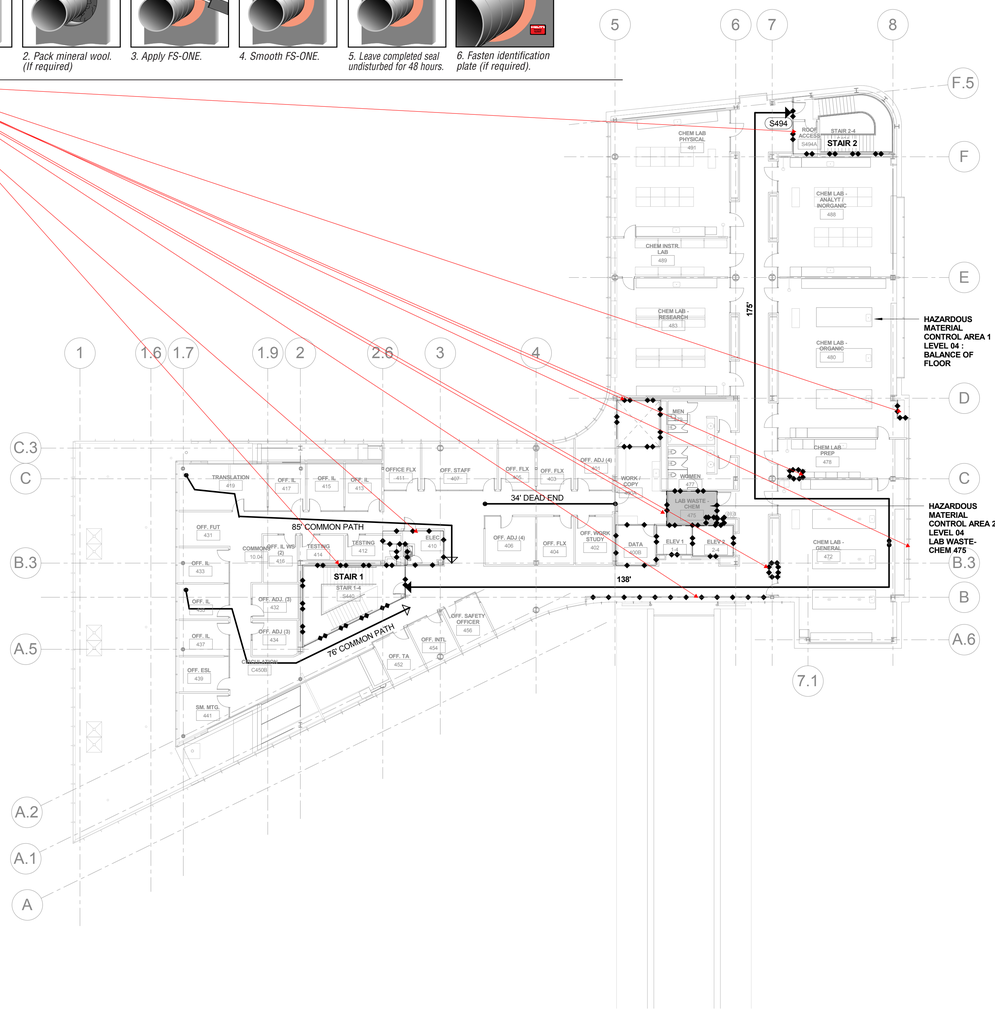


1 LEVEL 03 CODE COMPLIANCE PLAN
1/16" = 1'-0"



2 LEVEL 04 CODE COMPLIANCE PLAN
1/16" = 1'-0"

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3/1/2016 6:14:50 PM

Webster UNIVERSITY

Webster University
Interdisciplinary Science Building

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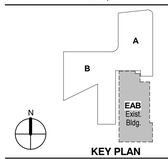

KEY PLAN

Drawing Title:

LEVEL 03 AND 04 CODE COMPLIANCE PLAN

Project No.: 04561.01 Checked by:

G0203

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WM TAO & ASSOCIATES
CONSULTING ENGINEERS

Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: April 24, 2017

Attention: **stl-cac@cannondesign.com**

Contact Person / WTA Field Inspector: Patrick Garner

Project Name: Webster University-**ISB**

Reviewed by: Mark de la Fuente

Project No. WT 14127.01

[ ] UPS [ ] Courier [X] **Email**

Copies	No.	Description
1 PDF	078413 A01	(Submittal No. 07 8413-004)
		(Cannon #00000-004) - (Paric #15051-) – (WES #607)
		➢ Penetration Fire Stopping Product Data for
		Electrical Penetrations

Remarks: Per Specification Section 260500, Hilti is an approved manufacturer. Install per manufacturer's instructions to maintain fire rating of penetrated walls.

c: **Kelvin Patel**
Kpatel@cannondesign.com

[ ] Furnish as Submitted [ ] Furnish as Noted

[ ] Rejected [ ] Revise & Resubmit

[X] **Reviewed** [ ]

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.

WTA SUBMITTAL NO. 078413 A02
REC'D 4/21/17

CANNONDESIGN

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

Joe Voypick
SUBMITTED BY

078413-004
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

078413
SPECIFICATION SECTION / PARAGRAPH

MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

◯ CRITICAL

ITEM BEING SUBMITTED (check only one)

- ◯ Shop Drawings
- ◯ Samples (_____ copies)
- ◯ LEED Submittal
- ◯ Certification / Qualifications
- ◯ Record Documents
- ◉ Product Data
- ◯ Coordination Drawing
- ◯ Calculations
- ◯ Schedules
- ◯ 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

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.

By:
Devin D. Gates

Joe Voypick
REVIEWED BY

4/19/17
DATE

To be completed by Reviewer

07 8413-004
CANNON DESIGN SUBMITTAL NUMBER

4/20/17
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.

A/E COMMENTS ◯ See attached sheet(s) for additional comments

REVIEWED BY

DATE

77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0558

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 04/19/2017

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

Fax;
314-241-2203

RE: Penetration Firestopping Product Data For Electrical Penetra

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		078413-004	1		04/19/2017	Penetration Firestopping Product Data For Electrical Penetrations	Submitted

NOTES:

CC:

Signed: _____

Devin Gates