CHARLOTTE
PIPE AND FOUNDRY COMPANY

This is to certify that all Cast Iron Pipe and Fittings manufactured by Charlotte Pipe and Foundry Company are manufactured in the United States and conform to the following standards:

SERVICE HUB AND SPIGOT PIPE AND FITTINGS
All cast iron pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute (CISPI)
ASTM A 74
ANSI A 112.5.1
Listed by NSF® International
ISO 9001:2008

EXTRA HEAVY HUB AND SPIGOT PIPE AND FITTINGS
All cast iron pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute (CISPI)
ASTM A 74
ANSI A 112.5.1
Listed by NSF® International
ISO 9001:2008

Sanitary & Storm Above Ground

NO-HUB PIPE AND FITTINGS
All cast iron pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute (CISPI)
CISPI Standard 301
ASTM A 888
Listed by NSF® International
ISO 9001:2008

NO-HUB COUPLINGS
CISPI Standard 310
ASTM C 1277
Certified by NSF® International

NO-HUB HEAVY DUTY COUPLINGS
ASTM C 1540

COMPRESSION GASKETS
ASTM C 564
CISPI HSN 85

Very truly yours,

Hooper Hardison

Hooper Hardison, Executive Vice President

TERRI L. WILSON
NOTARY PUBLIC
Mecklenburg County, North Carolina
My Commission Expires July 2, 2012

Terri L. Wilson

Notary Public
My commission expires July 02, 2012

LC-CI (611)

06/07/2011

PO Box 35430 Charlotte, NC 28235 USA 704/372-5030 800/438-6091 FAX 800/553-1605
www.charlottepipe.com

WM TAO & ASSOCIATES
CONSULTING ENGINEERS

Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: June 13, 2016

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 [X] **Email**

Copies	No.	Description
1 PDF	221316P01	(Submittal No.'s)
		(Cannon #22 1316-001) - (Paric #15051-) – (WES #607)
		• **Storm & Sanitary Piping Product Data**

*Remarks: See Submittal Review from Webb Enginnering.

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

[X] ***Reviewed**

[X] ***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.

WEBB
ENGINEERING
SERVICES INC.

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: June 11, 2016

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 – 22 1316 Sanitary Waste and Vent Piping	1	06-11-2016

•Signature: Mike Whitworth

WES
WEBB ENGINEERING SERVICES INC.
1400 S. 3rd Street, Suite 201 • St. Louis, Missouri 63104 • 314.588.0600 • *fax* 314.588.0604
www.webb-engineering.com

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 University ISI
LOCATION: St. Louis Missouri
CLIENT PROJ. NO.: N/A
WES PROJ. NO.: 607
SPEC SECTION: 22 1316 Sanitary & Storm Piping
SUBMITTAL ITEM: See Below -

CONTRACTOR: Deluca Plumbing, LLC.
CTR. SUBMITTAL #: 22 1316-001
SUBMITTAL DATE: May 23, 2016
DATE RECEIVED: June 08, 2016
RECEIVED VIA: E-Mail
RECEIVED FROM: WTA
DATE RETURNED: JUNE 11, 2016
RETURNED VIA: E-MAIL
RETRURNED TO: WTASHOP@WMTAO.COM

STATUS KEY:

NEC — NO EXCEPTION TAKEN
MCN — MAKE CORRECTIONS NOTED, NO RESUBMITTAL:
AAR — AMEND AND RESUBMIT
REJ — REJECTED, SEE REMARKS:
REV — REVIEWED ONLY

NEC	MCN	AAR	REJ	REV	ITEM	REMARKS
X					No-Hub Pipe and Fittings Charlotte Pipe and Foundry Storm and Sanitary Above Ground	
X					N-Hub Couplings IDEAL Heavy-Duty	
X					Schedule 40 PVC Solid Wall Charlotte Pipe and Foundry Storm and Sanitary Below Ground	
X					Drain Tile Cresline Perforated PVC-DS with Geo Tex Fabric	

REVIEWED BY: Michael R. Whitworth DATE: June 11, 2016

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

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

221316-001
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

221316
SPECIFICATION SECTION / PARAGRAPH

DeLuca
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

6/7/16
DATE

To be completed by Reviewer

22 1316-001
CANNON DESIGN SUBMITTAL NUMBER

6/7/16
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. 15051-0074

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 06/07/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Storm and Sanitary Piping 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		221316-001	1		06/07/2016	Storm and Sanitary Piping Product Data	Submitted

NOTES:

CC: Paric Corporation, Kathy Bathe

Project Coordinator: Paric Corporation, Kathy Bathe

Signed: _____
Devin Gates

Shop Drawing Submittal

Project Name:	WEBSTER ISB
Specification #	**221316-01** **221416-01**
Specification Description:	SANITARY & STORM PIPING
Date:	05-23-16
General Contractor / Construction Manager:	PARIC
ARCHITECT:	KWA
ENGINEER:	William Tao / Webb
Contractor:	DeLuca Plumbing, L.L.C. 8465 Delport Drive St. Louis, MO 63114
Supplier:	FERGUSON
Manufacturer:	Various
Reviewed & Approved by:	DeLuca Plumbing 05-23-16
Action:	Forward to GC/CM for Review & Approval