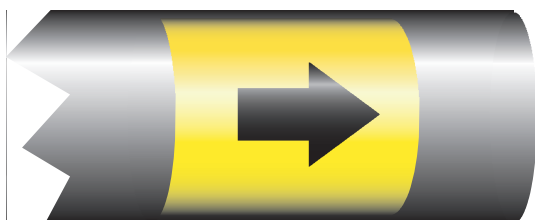


Product Specification: Individual Arrows



Specifications:

- Material: 4 mil gloss vinyl film
- Temperature Range: -40°F to 180°F
- Application: Clean and dry surface above 50°F
- Compliance: Meets ANSI A13.1 standard for letter size and length of marker
- Life Expectancy:
 Indoor: Indefinite
 Outdoor: 4-6 years

Kolbi Style	Dimensions	Arrow Size
AA	1" x 1-1/2"	1/2"
BA	1" x 3"	3/4"
CA	2" x 4-1/2"	1-1/4"
DA	3" x 5-1/2"	2-1/2"
EA	4" x 7-1/2"	3-1/2"

1996 ANSI/ASME A13.1 Colors		
Materials Inherently Dangerous	Flammable or Explosive Chemically active or toxic Extreme temperature/ pressure/ Radioactive	Black Letters
Materials of Inherently Low Hazard	Liquid or liquid admixture Gas or gaseous admixture	White Letters
		White Letters
Fire Quenching Materials	Water, Foam, CO2, Halon	White Letters

2007 ANSI/ASME A13.1 Colors			
Fluid Service	Letter Color	Background Color	Letters and Colors
Fire quenching fluids	White	Safety Red	Letters
Toxic and corrosive fluids	Black	Safety Orange	Letters
Flammable liquids	Black	Safety Yellow	Letters
Combustible fluids	White	Safety Brown	Letters
Potable, cooling, boiler feed, other water	White	Safety Green	Letters
Compressed air	White	Safety Blue	Letters
To be defined by user	White	Safety Purple	Letters
To be defined by user	Black	Safety White	Letters
To be defined by user	White	Safety Gray	Letters
To be defined by user	White	Safety Black	Letters

Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: February 15, 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	220553P02	(Submittal No.'s:)
		(Cannon #220553-001) - (Paric #15051-0493) - (WES #607)
		➤ Pipe Identification

***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 12, 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 – 22 0553 Identification for Plumbing Piping and Equipment	1	02-12-2017

•Signature: Mike Whitworth



1400 S. 3rd Street, Suite 201 • St. Louis, Missouri 63104 • 314.588.0600 • fax 314.588.0604

**WEBB
ENGINEERING
SERVICES INC.**

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
ISB

LOCATION: St. Louis Missouri

CLIENT PROJ. NO.: N/A

WES PROJ. NO.: 607

SPECIFICATION
SECTION: 220553
Identification for
Plumbing Piping
and Equipment

SUBMITTAL ITEM: See Below -

CONTRACTOR: Deluca Plumbing, LLC

CTR. SUBMITTAL # 22 0553-001

SUBMITTAL DATE: February 07, 2017

DATE RECEIVED: February 10, 2017

RECEIVED VIA: E-Mail

RECEIVED FROM: WTA

DATE RETURNED: FEBRUARY 12, 2017

RETURNED VIA: E-MAIL

RETRURNED TO: WTASHOP@WMTAO.COM

STATUS KEY:

NEC	MCN	AAR	REJ	REV	NO EXCEPTION TAKEN	
					MAKE CORRECTIONS NOTED, NO RESUBMITTAL:	
					AMEND AND RESUBMIT	
					REJECTED, SEE REMARKS:	
					REVIEWED ONLY	
					ITEM	REMARKS
X					Wrap Around Pipe Markers KOLBI Pipe Marker Co. Model – Style WD	
	X				Engraved Nameplates – Plastic KOLBI Pipe Marker Co. Model – N/A	1. Specified to be 1/8" thick. Refer to specification section 220553, Part 2, Paragraph 2.1- line A2
X					Valve Tag – Brass KOLBI Pipe Marker Co.	1. Specified to be aluminum, Refer to specification section 220553, Part 2, Paragraph 2.4, line B1. Brass is acceptable.
X					Arrow Banding Tape KOLBI Pipe Marker Co. Model – Style; B-C-D-E	
X					Self Adhesive Markers KOLBI Pipe Marker Co. Model – Style; A-B-C-D-E-	
X					Individual Arrows KOLBI Pipe Marker Co. Model – Style – AA-BA-CA-DA-EA	
X					Accessories KOLBI Pipe Marker Co. Model – 'S' Hooks & Jack Chain	



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ENGINEERING
SERVICES** INC.

www.webb-engineering.com

REVIEWED BY: Michael R. Whitworth DATE: February 12, 2017

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



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0493

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 02/09/2017

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

Fax;
314-241-2203

RE: Pipe ID 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:

<i>Item</i>	<i>Package</i>	<i>Code</i>	<i>Rev.</i>	<i>Copies</i>	<i>Date</i>	<i>Description</i>	<i>Status</i>
Submittal		220553-001	1		02/09/2017	Pipe ID Product Data	Submitted

NOTES:

CC:

Signed: _____
Devin Gates

Shop Drawing Submittal

Project Name: Webster ISB

Specification # **220553-01**

Specification Description: Pipe ID & Valve Tags

Date: 02-07-17

General Contractor / Construction Manager: Paric

ARCHITECT: CANNON

ENGINEER: WILLIAM TAO & ASSOC / WEBB ENGINEERING

Contractor: DeLuca Plumbing, L.L.C.
8465 Delport Drive
St. Louis, MO 63114

Supplier: Kolbi

Manufacturer: Kolbi

Reviewed & Approved by: DeLuca Plumbing 02-07-17

Action: Forward to GC/CM for Review & Approval

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