Since 1970...
KOLBI PIPE MARKER Co.
PIPE MARKERS ♦ VALVE TAGS ♦ ENGRAVED NAMEPLATES
416 W. Campus Dr, Arlington Heights, IL 60004 (800)499-8450 fax (800)-596-3057 www.kolbipipemarkers.com

Product Specification

Wrap Around Pipe Marker

specifications:

Material: Semi-rigid Vinyl

.025" (Style WD)

Temperature Range: -40°F to 180°F

Compliance: Meets ANSI A13.1 standard for letter size and length of marker

Life Expectancy:
Indoor: Indefinite
Outdoor: 5-7 years

Kolbi Style	Pipe OD (Include Insulation)	Letter Size	Marker Length	Shape
WD	3-3/8" to 4-1/2"	1-1/4"	12"	Coiled

1996 ANSI A13.1 Color Designation		
Materials Inherently Dangerous	Flammable or explosive Chemically active or toxic Extreme temperature/ pressure/ radioactive	Letters
Materials of Inherently Low Hazard	Liquid or liquid admixture	Letters
	Gas or gaseous admixture	Letters
Fire Quenching Materials	Water, Foam, CO2, Halon	Letters

2007 ANSI / ASME A13.1 Colors			
Fluid Services	Letter Color	Background Color	Lettrers and Colors
Fire quenching fluids	White	Safety Red	Letters
Toxic and corrosive fluids	Black	Safety Orange	Letters
Flammable liquids	Black	Safety Yellow	Letters
Combustable fluids	White	Safety Brown	Letters
Potable, cooling, boiler feed, other water	White	Saftey 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

WM TAO & ASSOCIATES
CONSULTING ENGINEERS

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 [X] **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 Enginnering.

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

[X] ***Reviewed**

[X] ***No Exceptions Taken**

[ ]

[X] ***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: 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	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					Wrap Around Pipe Markers KOLBIi 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	

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

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

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

220553-001
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

220553
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

2/9/17
DATE

To be completed by Reviewer

22 0553-001
CANNON DESIGN SUBMITTAL NUMBER

2/9/17
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. 15051-0493

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:

Item	*Package*	*Code*	*Rev.*	*Copies*	*Date*	*Description*	*Status*
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