Product Submittal Form

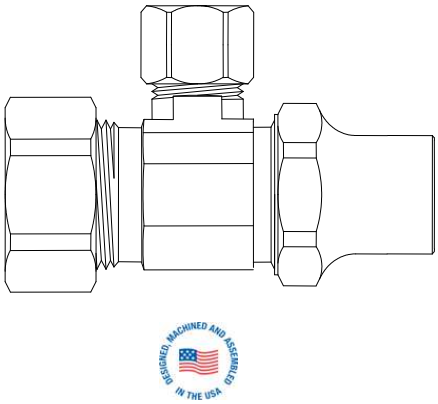
For Residential and Commercial Applications			
Job Name		Engineer / Architect	
Job Location		Wholesaler	
Submittal Date		Contractor	

SCR1B/ SCR09/ SCR19/ SCR39/ SCR49 Multi-Turn Angle Stop w/ Loose Key – Compression x Compression

Use: For use in potable water distribution systems. Not intended for recirculating water systems that produce continuous use temperatures above 115° F. For those applications, use BrassCraft KT series ball stops

Design Features:

- **Machined one-piece brass body** provides strength, durability and long-lasting performance
- **Large loose key handle** provides a secure grip for trouble-free on/off operation
- **Removable loose key handle** helps protect against accidental stop operation during rough-ins and general use
- **Compliant Stops** available for California and Vermont "low-lead" requirements



Operating Specifications:

Temperature: 40°- 140° F
Pressure: 125 psi maximum

Standard

MATERIAL SPECIFICATIONS	
Valve Body	*C36000 brass*
Lock Shield Stem	*C36000 brass*
Bib & Packing Washers	*Nitrile or EPDM rubber*
Packing Nut	*C36000 brass*
Loose Key	*Zinc die cast*
Compression Sleeve	*C36000 brass*
Compression Nut	*C36000 brass*

Compliant

MATERIAL SPECIFICATIONS	
Valve Body	*Compliant brass*
Lock Shield Stem	*Compliant brass*
Bib & Packing Washers	*Nitrile or EPDM rubber*
Packing Nut	*Compliant brass*
Loose Key	*Zinc die cast*
Compression Sleeve	*Compliant brass*
Compression Nut	*C36000 brass*

Standard Part Listing:

- ☐ SCR1B C 3/8" Nom. Compression x 3/8" OD Compression, chrome plated
- ☐ SCR09 C 1/2" Nom. Compression x 1/4" OD Compression with loose key, chrome plated
- ☐ SCR09 R 1/2" Nom. Compression x 1/4" OD Compression with loose key, rough brass
- ☐ SCR19 C 1/2" Nom. Compression x 3/8" OD Compression with loose key, chrome plated
- ☐ SCR19 C1 1/2" Nom. Compression x 3/8" OD Compression with loose key, chrome plated, window box
- ☐ SCR19 R 1/2" Nom. Compression x 3/8" OD Compression with loose key, rough brass
- ☐ SCR19PX C 1/2" Nom. Compression x 3/8" OD Compression with loose key, PEX insert, chrome plated
- ☐ SCR39 C 1/2" Nom. Compression x 1/2" OD Compression with loose key, chrome plated

This specification and all information contained herein is the confidential and exclusive property of BrassCraft Manufacturing, and shall not be disclosed to others without the written consent of BrassCraft. This specification must be returned to BrassCraft if requested.

Product Submittal Form

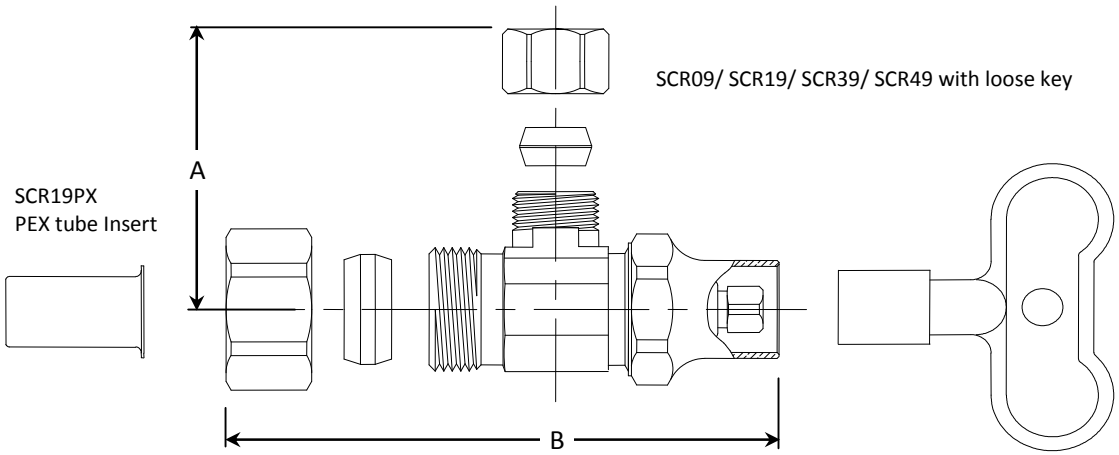
SCR1B/ SCR09/ SCR19/ SCR39/ SCR49 Multi-Turn Angle Stop w/ Loose Key – Compression x Compression

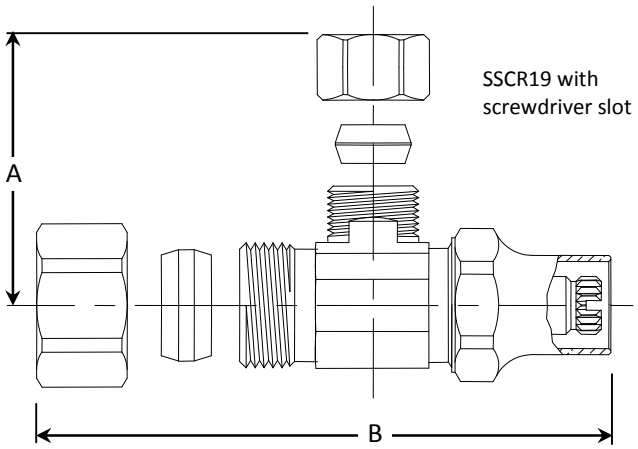
Standard Part Listing (con't):

- ☐ SCR39 C1 1/2" Nom. Compression x 1/2" OD Compression with loose key, chrome plated, window box
- ☐ SCR49 C 1/2" Nom. Compression x 5/8" OD Compression with loose key, chrome plated
- ☐ SSCR19 C 1/2" Nom. Compression x 3/8" OD Compression with screwdriver slot, chrome plated

Compliant Part Listing:

- ☑ SCR19X C 1/2" Nom. Compression x 3/8" OD Compression with loose key, chrome plated
- ☐ SCR39X C 1/2" Nom. Compression x 1/2" OD Compression with loose key, chrome plated
- ☐ SSCR19X C 1/2" Nom. Compression x 3/8" OD Compression with screwdriver slot, chrome plated





PART DIMENSIONS (Inches)		
Model	**Dim. A**	**Dim. B**
SCR1B	1.02	2.56
SCR09	1.02	2.56
SCR19	1.02	2.56
SCR19PX	1.02	2.56
SCR39	1.11	2.65
SCR49	1.24	2.71
SSCR19	1.02	2.56

Listings & Certifications:

- IAPMO listed to ASME A112.18.1-05 /CSA B125.1-05 (File # 0645)
- CSA listed to ASME A112.18.1-05 / CSA B125.1-05 (File # 204593)
- Compliant product CSA approved to California Health & Safety Code 116875 and Vermont Bill S.152 (Project # 2174785)

This specification and all information contained herein is the confidential and exclusive property of BrassCraft Manufacturing, and shall not be disclosed to others without the written consent of BrassCraft. This specification must be returned to BrassCraft if requested.

 © 2011 Brass-Craft Mfg.

SK-3		**SK-3 SINK**
C786GN2BVBE32AB CP	CHICAGO	LF CONC H&C WTR SINK 2.2 GPM
ELK35	ELKAY	S/S SINK BASKET STRAINER W/ 1-1/2" CP BRASS TAILPIECE
PFPTB403	PROFLO	1-1/2 SEMI CAST P TRAP W/CO CP
BSCR19XC	BRASSCRAFT	LF 1/2" NOM COMP X 3/8" OD COMP W/ LOOSE KEY
B112AC	BRASSCRAFT	12" X 3/8" OD LAVATORY SUPPLY LINE
PFE7	PROFLO	5/8" OD CP SHALLOW ESC FLANGE
~~PF202WH~~	~~PROFLO~~	~~COVER FOR TRAP / HOT & COLD STOP & SUPPLY~~
~~WLFUSGBM2C~~	~~WATTS~~	~~LEAD LAW COMPLIANT 3/8 THERMOSTAT TEMPERING VALVE~~

1. Sink is integral with the counter-top. Coordinate with the architectural drawings.
.
2. Provide under counter waste and supply protective piping covers as required. Verify requirements with the architectural drawings.
.
3. Escutcheons are specified to be cast brass. Refer to specification section 220518.

WM TAO & ASSOCIATES
CONSULTING ENGINEERS

Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: June 7, 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	224216P02	(Submittal No.'s)
		(Cannon #22 4216.16-001) - (Paric #15051-) – (WES #607)
		➢ **Commercial Sinks**
		• Clinical Service Sink CSS-1
		• Scrub Sink SS-1
		• Sink SK-1
		• Garbage Disposer GD-1
		• Sink SK-2
		• Sink SK-3
		• Mop Sink MS-1
		• Kitchen Sinks KS-1, KS-2, KS-3

*Remarks: See Submittal Review from Webb Enginnering.

c: **Kevin 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: June 05, 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 4216.16 Commercial Sinks	1	06-05-2016

•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
SPEC SECTION:	22 4216.16 Commercial Sinks
SUBMITTAL ITEM:	See Below -

CONTRACTOR:	Deluca Plumbing, LLC
CTR. SUBMITTAL #	22 4216.16-001
SUBMITTAL DATE:	May 25, 2016
DATE RECEIVED:	May 26, 2016
RECEIVED VIA:	E-Mail
RECEIVED FROM:	WTA
DATE RETURNED:	JUNE 05, 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
					Clinical Service Sink CSS-1	
X					Fixture American Standard Model 9512.999.020	
X					Rim Guard American Standard Model 7832512.075	
X					Faucet American Standard Model 8345.115	
X					Flush Valve Sloan Model Royal 117	
X					Fixture Carrier Wade Model 640	
					Scrub Sink SS-1	
X					Fixture Elkay Model EEWSF 13026SACC	Manufacturers Complete Surgical Sink Package with Sensor Faucet and Grid Drain and Thermostatic Mixing Valve

X					P-Trap Proflo Model PFPTB403	
X					Angle Stops BrassCraft Model SCR19XC	
X					Supply risers BrassCraft Model 1-12A C	
	X				Escutcheons Proflo Model PFE7	Escutcheons are specified to be cast brass. Refer to specification section 220518.
Sink SK-1						
X					Fixture Elkay Model GECR2521	
X					Faucet Chicago Faucet Model 200-AABCP	
X					Outlet Waste Disposer Kit Proflo Model PFEWB200	Provide under counter waste and supply protective piping covers as required. Verify requirements with the architectural drawings.
X					P-Trap Proflo Model PFPTB403	
X					Angle Stops BrassCraft Model SCR19XC	
X					Supply Risers BrassCraft Model 1-12AC	
	X				Escutcheons Proflo Model PFE7	Escutcheons are specified to be cast brass. Refer to specification section 220518.
Garbage Disposer GD-1						
X					Fixture Emmerson In-Sink-Erator Model Evolution Compact	
Sink SK-2						
X					Fixture Elkay Model LRAD1517	
X					Faucet Chicago Faucet Model 895-317GN2AE29ABCP	
X					Drain Assembly Elkay Model LKAD18	Provide under counter waste and supply protective piping covers as required. Verify requirements with the architectural drawings.
X					P-Trap Proflo Model PFPTB403	
X					Angle Stops BrassCraft Model SCR19XC	

X					Supply Risers BrassCraft Model 1-12AC	
	X				Escutcheons Proflo Model PFE7	Escutcheons are specified to be cast brass. Refer to specification section 220518.
Sink SK-3						
					Fixture	Sink is integral with the countertop. Coordinate with architectural drawings.
X					Faucet Chicago Faucet Model 786-GN2BVBE3-2ABCP	
X					Drain Assembly Elkay Model LK35	
X					P-Trap Proflo Model PFPTB403	Provide under counter waste and supply protective piping covers as required. Verify requirements with the architectural drawings.
X					Angle Stops BrassCraft Model SCR19XC	
X					Supply Risers BrassCraft Model 1-12AC	
	X				Escutcheons Proflo Model PFE7	Escutcheons are specified to be cast brass. Refer to specification section 220518.
Mop Sink MS-1						
X					Fixture Fiat Model TSB-3000	
X					Faucet Symmons Model S-2490	
X					Hose Bracket Proflo Model PF296	
X					Hose Proflo Model PFSSHE	
X					Mop Bracket Proflo Model PF245	
X					Wall guards Proflo Model PFWG24S	
Kitchen Sink KS-1						
	X				Fixture Elkay Model ECTSR25229BG	Cut sheet indicates 3-hole punch – verify this with faucet 4-hole punch requirement
X					Faucet Chicago Faucet Model 1102-202358AB	

X					Drain Assembly Elkay Model LK-35	
X					P-Trap Proflo Model PFPTB403	
X					Angle Stops BrassCraft Model SCR19XC	
X					Supply Risers BrassCraft Model 1-12AC	Provide under counter waste and supply protective piping covers as required. Verify requirements with the architectural drawings.
	X				Escutcheons Proflo Model PFE7	Escutcheons are specified to be cast brass. Refer to specification section 220518.
Kitchen Sink KS-2						
X					Fixture Elkay Model ECTSRAD33226BG	
X					Faucet Chicago Faucet Model 1102-GN8AE3-317AB	
X					Drain Assembly Elkay Model LK-35	
X					End Waste Outlet Proflo Model PFEWB105	
X					P-Trap Proflo Model PFPTB403	Provide under counter waste and supply protective piping covers as required. Verify requirements with the architectural drawings.
X					Angle Stops BrassCraft Model SCR19XC	
X					Supply Risers BrassCraft Model 1-12AC	
	X				Escutcheons Proflo Model PFE7	Escutcheons are specified to be cast brass. Refer to specification section 220518.
Kitchen Sink KS-3						
X					Fixture Elkay Model DLRQ191910	
X					Faucet Chicago Faucet Model 895-317ABCP	
					Drain Assembly Elkay Model LK-35	
					P-Trap Proflo Model PFPTB403	Provide under counter waste and supply protective piping covers as required. Verify requirements with the architectural drawings.
					Angle Stops BrassCraft Model SCR19XC	

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

					Supply Risers BrassCraft Model 1-12AC	
					Escutcheons Proflo Model PFE7	Escutcheons are specified to be cast brass. Refer to specification section 220518.

REVIEWED BY: Michael R. Whitworth DATE: June 05, 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

224216.16-001
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

224216.16
SPECIFICATION SECTION / PARAGRAPH

DeLuca Plumbing LLC
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

5/25/16
DATE

To be completed by Reviewer

22 4216.16-001
CANNON DESIGN SUBMITTAL NUMBER

5/25/16
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. 15051-0058

Paric Corporation

PROJECT: Webster University Interdisciplinary Science Building

DATE: 05/25/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Sinks 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		224216.16-001	1		05/25/2016	Sinks 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 # **224216.16-01**

Specification Description: Sinks

Date: 05-23-16

General Contractor / Construction Manager: PARIC

ARCHITECT: KWA

ENGINEER: William Tao

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