# Hose Bracket

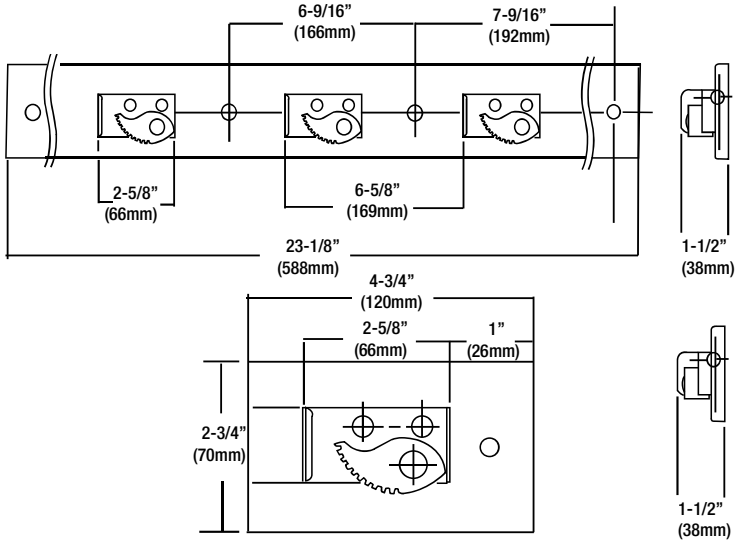
### *Product Specifications*

- Mop hanger for service sink
- Backplate : 18 gauge stainless steel with exposed surfaces in architectural satin finish.
- Holders : spring-actived rubber cams on plated steel retainers. Will hold a mop or broom handle with a diameter betweewn 5/8” and 1”.

**PF245**

### *Product Numbers*

**PF245** ✓ Three bracket hanger
**PF296** Single hose bracket, for use with service sink hose PFSSHE




### *Optional Accessory*

- PFSSHE

| I.D. | O.D. | Max Water Pressure | Weight per Foot |
|---|---|---|---|
| 5/8” (16 mm) | 29/32” (23mm) | 300 PSI | .22 |

### *Warranty and Codes*

This product carry a 1-year limited warranty. In an effort to continually improve our products, We will make design changes from time to time. We reserve the right to ship newly designed product to fill any order unless we agree in writing to do otherwise.

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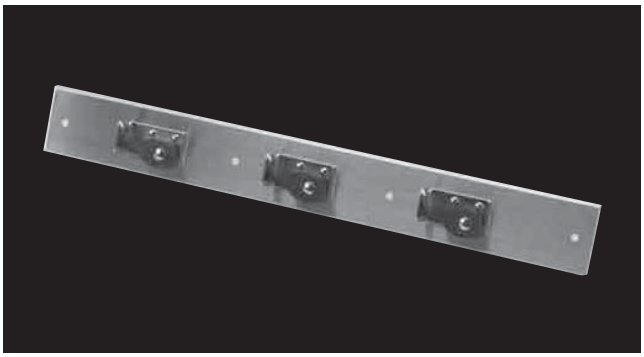
CAP 15/03

# Hose Bracket

### *Product Specifications*

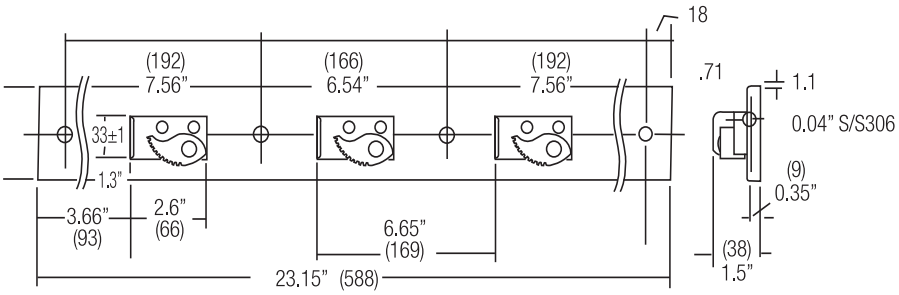
- Mop hanger for service sink



### *Product Numbers*

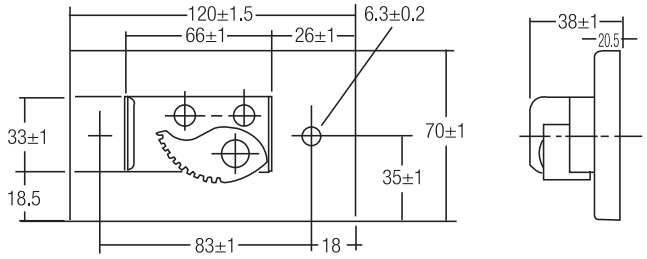
**PF245** Three bracket hanger
**PF296** Single hose bracket, for use with service sink hose PFSSHE

**PF245**




### *Optional Accessory*

- PFSSHE




| I.D. | O.D. | Max Water Pressure | Weight per Foot |
|---|---|---|---|
| 5/8" (16 mm) | 29/32" (23mm) | 300 PSI | .22 |

### *Warranty and Codes*

PROFLO toilet seats carry a 1-year limited warranty. In an effort to continually improve our products, We will make design changes from time to time. We reserve the right to ship newly designed product to fill any order unless we agree in writing to do otherwise.

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8671 07/11

# Hose Bracket

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## Product Numbers

**PF245** ✓ Three bracket hanger
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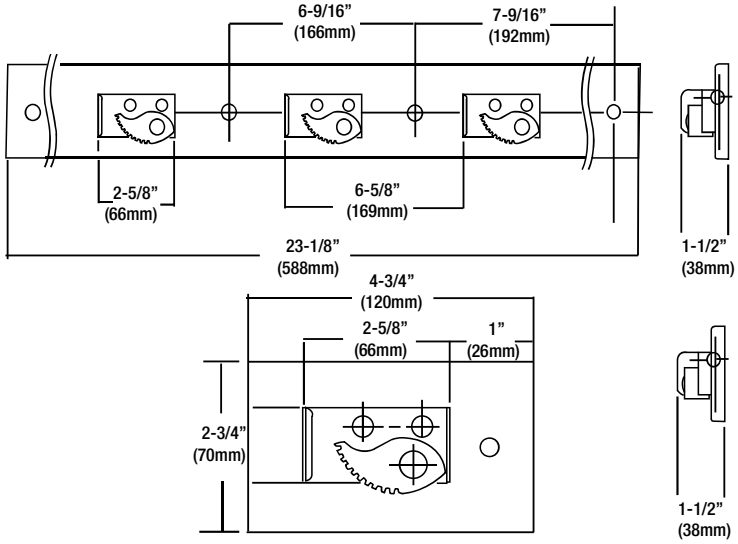
**PF245**




## Optional Accessory

- PFSSHE

| I.D. | O.D. | Max Water Pressure | Weight per Foot |
|---|---|---|---|
| 5/8” (16 mm) | 29/32” (23mm) | 300 PSI | .22 |

## Warranty and Codes

This product carry a 1-year limited warranty. In an effort to continually improve our products, We will make design changes from time to time. We reserve the right to ship newly designed product to fill any order unless we agree in writing to do otherwise.

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CAP 15/03

| **MS-1** | | **MS-1 MOP SINK PER ADDENDUM #2-1** |
|---|---|---|
| FTSB3000501 | FIAT | 24X24X12 TERRAZZO MOP SERV BASIN |
| SYMS2490 | SYMMONS | NOT FOR POTABLE USE 2 HANDLE SINK FAUCET 2.2 GPM CHROME |
| | | |
| PF296 | PROFLO | SINGLE HOSE BRACKET F/ SERVICE SINK |
| PFSSHE | PROFLO | 5/8 X 30 SERVICE SINK HOSE |
| PF245 | PROFLO | 24 S/S WALL MTD MOP HANGER |
| PFWG24S | PROFLO | SS WALL GUARDS F/ 24 BASIN |

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 –<br>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

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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<br>American Standard<br>Model 9512.999.020 | |
| X | | | | | Rim Guard<br>American Standard<br>Model 7832512.075 | |
| X | | | | | Faucet<br>American Standard<br>Model 8345.115 | |
| X | | | | | Flush Valve<br>Sloan<br>Model Royal 117 | |
| X | | | | | Fixture Carrier<br>Wade<br>Model 640 | |
| | | | | | Scrub Sink SS-1 | |
| X | | | | | Fixture<br>Elkay<br>Model EEWSF 13026SACC | Manufacturers Complete Surgical Sink Package with Sensor Faucet and Grid Drain and Thermostatic Mixing Valve |

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

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

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

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| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | Supply Risers<br>BrassCraft<br>Model 1-12AC | |
| | | | | | Escutcheons<br>Proflo<br>Model PFE7 | Escutcheons are specified to be cast brass.<br>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