



A8156SSLF

ACORN

HS-1 HOSE STATION PER ADDENDUM #2-1

LFNP *NCSH STAINLESS STEEL HOSE BOX WITH FLANGE DOOR



Hose & Supply Boxes 8145 Series

Stainless Steel Recessed Hose Box with Wall Flange (Hot and Cold)



8156

Fixture May Show Some Available Options

Please visit www.acorneng.com for most current specifications.

Stainless Steel Recessed Hose Box with Wall Flange (Hot and Cold)

These Acorn Stainless Steel Recessed Hose Boxes are CUPC® certified by IAPMO for U.S. and Canada. Boxes are designed for attractive service in both interior and exterior walls not subject to freezing. Recessed design prevents accidents which are common to surface-mounted or protruding hose valves.

Hose Box is seamless construction, fabricated from 18 gage, type 304 stainless steel and is furnished with four stainless steel clips for anchoring to the wall construction. Wall flange is 16 gage stainless steel polished to a satin finish. Flange is furnished with four corner tappings and screws for anchoring to box.

Door is provided with Cam Cylinder Lock with two keys. Hinges are concealed type. Door can be easily removed after opening by releasing hinge pins with a screwdriver.

Valve and Stop Body is cast bronze with exposed parts chrome-plated. Valve and Stop feature tamper-resistant lockshield bonnets and replaceable cartridges containing all wearing parts including the seat. The body casting is gasketed where it joins the box and is securely anchored with stainless steel tamper-resistant screws. Supply inlet is 3/4" NPT female. Outlet is 3/4" male hose thread.

✓ **-SSLF** stainless steel lead free option provides a rough finish, cast stainless steel valve body, stainless steel stop assembly, stainless steel lockshield cartridge and meets the lead free requirements where the wetted surface of this product contacted by water contains less than 0.25% lead. On models that include vacuum breakers, a lead-free brass vacuum breaker is provided.

Screwdriver Stop in supply permits servicing the control valve without shutting down the water supply. Vacuum breaker models prevent contamination of the potable water supply. Vacuum breakers are atmospheric type and conform to the requirements of ASSE Standard 1011. Check local code authority for vacuum breaker requirements.

GUIDE SPECIFICATION

Provide and install Acorn Recessed Hose Box model (specify model number) with Wall Flange. Box shall be fabricated from 18 gage, type 304 stainless steel with satin finish exterior. Flange shall be 16 gage stainless steel and be polished to a satin finish. Valve shall be cartridge-operated type with vandal-resistant lockshield, removable loose key wheel handle and screwdriver operated Stop. Door shall be 16 gage satin finish with removable hinge and Cylinder Lock.



Hose & Supply Boxes 8145 Stainless Steel Recessed Hose Box with Wall Flange (Hot and Cold)

BASE MODEL NUMBER (Must Specify)

HOSE BOX WITH WALL FLANGE LESS DOOR

- ☐ -8145 Hot & Cold Less Vacuum Breaker
- ☐ -8146 Hot & Cold With Vacuum Breaker

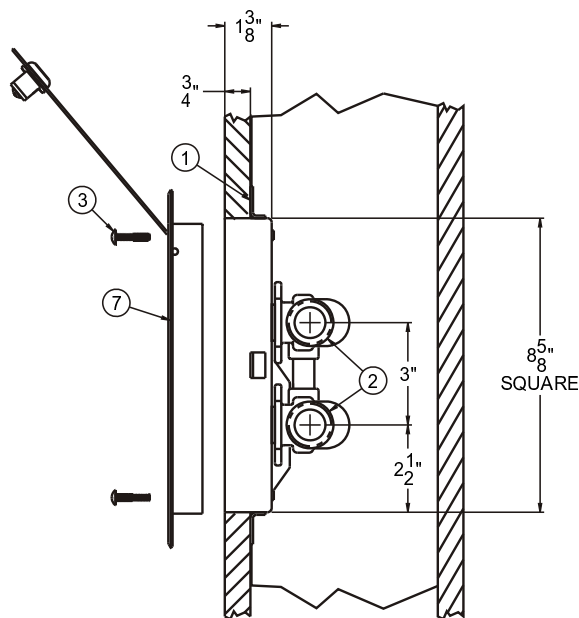
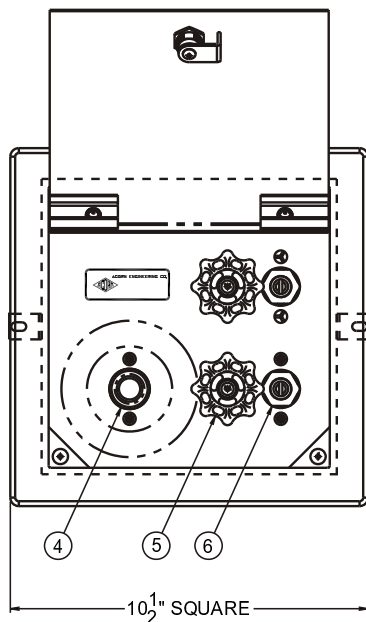
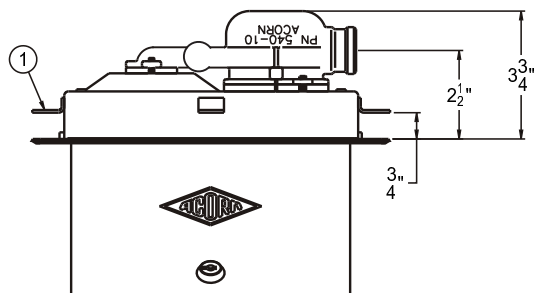
HOSE BOX WITH WALL FLANGE AND DOOR

- ☐ -8155 Hot & Cold Less Vacuum Breaker
- ☒ -8156 Hot & Cold With Vacuum Breaker

PRODUCT OPTIONS (Must Specify)

- ☒ -SSLF Stainless Steel Lead Free

Please visit www.acorneng.com
for most current specifications.



MODEL #8155

NOTES:

- | | |
|---|--------------------------------|
| 1. ANCHOR CLIPS | 4. 3/4" MALE HOSE THREAD |
| 2. 3/4" NPT FEMALE VALVE
INLET CONNECTIONS | 5. REMOVABLE WHEEL HANDLE |
| 3. DOOR FRAME ANCHORING
SCREWS | 6. LOCKSHIELD SCREWDRIVER STOP |
| | 7. DOOR FRAME |

Important: Installation instructions and current rough-in are furnished with each fixture. Do not rough in without certified dimensions. Dimensions are subject to manufacturer's tolerance of plus or minus 1/4" and change without notice. Acorn assumes no responsibility for use of void or superseded data. © Copyright 2009 Acorn Engineering Company

Selection Summary Model No. & Option _____ Quantity _____	Approved for Manufacturing Company _____ Title _____ Signature _____ Date _____
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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

☒

Email

Copies	No.	Description
1 PDF	221119P01	(Submittal No.'s)
		(Cannon #221119-003) - (Paric #15051-) – (WES #607)
		➤ Domestic Water Specialties
		• Bradley Mixing Valves – TMV-1, TMV-2, TMV-3
		• Acorn Hose Station – HS-1
		• IPS Guy Gray – Coffee Maker Outlet Box – CM-1
		• IPS Guy Gray – Ice Maker Outlet Box – IM-1
		• IPS Guy Gray – Dish Washer Outlet Box – DW-1
		• J.R. Smith Wall Hydrant – WH-1
		• Bell & Gossett Hot Water Circulating Pump – HWP-1

***Remarks: See Submittal Review from Webb Engineering.**

c: Kevin Patel
Kpatel@cannondesign.com

☒

***Reviewed**

☒

***No Exceptions Taken**

☒

***Rejected-See Remarks**

☒

***Amend & Resubmit**

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: 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 1119 Domestic Water Piping Specialties	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
221119
Domestic Water Piping
 SPEC SECTION: Specialties
 SUBMITTAL ITEM: See Below -

CONTRACTOR: Deluca Plumbing, LLC
 CTR. SUBMITTAL # 22 1119-003
 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	MCN	AAR	REJ	REV	NO EXCEPTION TAKEN	
					MAKE CORRECTIONS NOTED, NO RESUBMITTAL:	
					AMEND AND RESUBMIT	
					REJECTED, SEE REMARKS:	
					REVIEWED ONLY	
					ITEM	REMARKS
X					Thermostatic Mixing Valve – TMV-1 Bradley Model S59-3130-B-P	
		X			Thermostatic Mixing Valve – TMV-2 Bradley Model X	Submitted cut sheet is not for TMV-2, cut sheet is for Pedestal-Mounted Eyewash Fixture
X					Thermostatic Mixing Valve – TMV-3 Bradley Model S19-2000-B	
X					Hose Station – HS-1 ACORN Model 8156-SSLF	
X					Coffee Maker Outlet Box – CM-1 IPS Guy Gray Model MDWB1AB	
X					Ice Maker Outlet Box – IM-1 IPS Guy Gray Model MIB1HAAB	



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	X			Dish Washer Outlet Box – DW-1 IPS Guy Gray Model MDWB1AB	
		X	X	Wall Hydrant – WH-1 J. R. Smith Model 5518	Provide non-freeze wall hydrant as specified.
X				Hot Water Circulating Pump – HWP-1 Bell & Gossett Model PD-40T	

REVIEWED BY: Michael R. Whitworth DATE: June 05, 2016

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

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

PROJECT NAME	
ADDRESS	
NUMBER	
OWNER	
ARCHITECT / ENGINEER	
SUBMITTED BY	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
CRITICAL	☐

To be completed by Reviewer

CANNON DESIGN SUBMITTAL NUMBER
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.

ITEM BEING SUBMITTED (check only one)

- ☐ Shop Drawings ☐ Certification / Qualifications ☐ Coordination Drawing
☐ Samples ☐ Record Documents ☐ Calculations
 (_____ copies) ☐ Product Data ☐ Schedules
☐ LEED Submittal ☐ 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 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.

Ry:

Devin D. Gates

REVIEWED BY	DATE

A/E COMMENTS

- ☐
- See attached sheet(s) for additional comments

REVIEWED BY	DATE



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0049

Paric Corporation

PROJECT: Webster University Interdisciplinary Science Building

DATE: 05/25/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Domestic water Specialties 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		221119-003	1		05/25/2016	Domestic water Specialties 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 # 221119-01

Specification Description: Domestic Water Specialties
TMV
Hot Water Return Pumps
Service Boxes
Hydrants

Date: 05-23-16

General Contractor / Construction Manager: PARIC

ARCHITECT: KWA

ENGINEER: William Tao

Contractor: DeLuca Plumbing, L.L.C.
8465 Delpont 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

