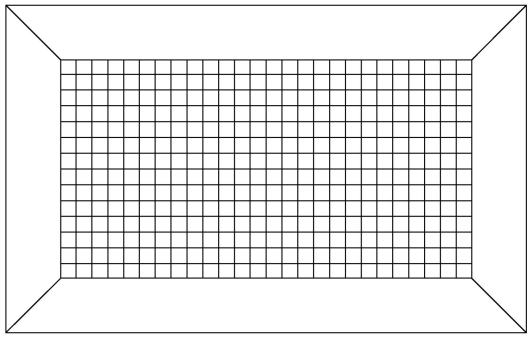
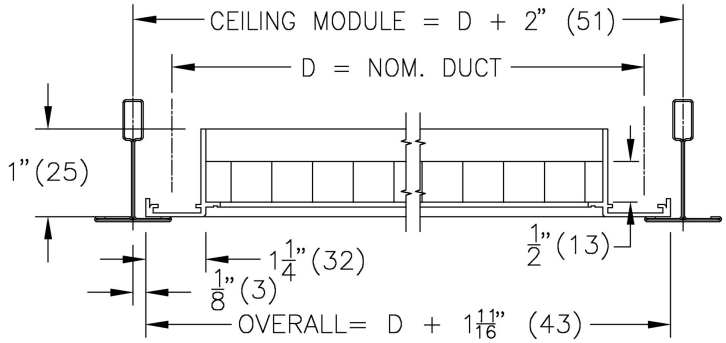
# 80 Egg Crate Grille – 1/2" x 1/2" x 1/2" Core



**Border:** F

1 1/4" (32) Flat Frame




**Material:**

- Aluminum construction

**Finish:**

- B12 - White Powder Coat

**Notes:**

- 1/2" x 1/2" x 1/2" aluminum grid core
- Factory tolerance ± 1/32" (1)

**PROJECT:** Webster University - Interdisciplinary Science Building **SUBMITTAL NO:** 259683-E **SUBMITTAL DATE:** 11/23/2016
**ENGINEER:** Cannon Design **CUSTOMER:**
**DESCRIPTION:** Egg Crate Grille, 1/2" X 1/2" X 1/2"
80//I/22.000/10.000,22.000//LI/F//////24/12,24///0//////B12

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Marketing Release version: 2.16.11.2, All In One version: 3.16.11

All metric dimensions () are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
Information within this document is subject to change without notice.

price®

**All-In-One**
**Grilles/Registers/Diffusers**

| Tag | Model | Panel Size | Unit Size | Finish | Description |
|---|---|---|---|---|---|
| 1 | SPD | 12, 12 | 6 | B12 - White Powder Coat | Square Plaque Diffuser-Steel |
| 2 | SPD | 12, 12 | 6 | B12 - White Powder Coat | Square Plaque Diffuser-Steel |
| 3 | SPD | 12, 12 | 8 | B12 - White Powder Coat | Square Plaque Diffuser-Steel |
| 4 | SPD | 24, 24 | 6 | B12 - White Powder Coat | Square Plaque Diffuser-Steel |
| 5 | SPD | 24, 24 | 8 | B12 - White Powder Coat | Square Plaque Diffuser-Steel |
| 6 | SPD | 24, 24 | 10 | B12 - White Powder Coat | Square Plaque Diffuser-Steel |
| 7 | SPD | 24, 24 | 12 | B12 - White Powder Coat | Square Plaque Diffuser-Steel |
| 8 | SPD | 24, 24 | 14 | B12 - White Powder Coat | Square Plaque Diffuser-Steel |
| 9 | SPD | 24, 24 | 15 | B12 - White Powder Coat | Square Plaque Diffuser-Steel |
| 10 | SDS100 | -- | 48.000, 1 | B12 - White Powder Coat | Linear Slot Supply, 1" Slot |
| 10 - Plenum | SDBI100 | 4x7 (6" Round Equivalent) | 48, 1 | -- | Insulated Square Shoulder Plenum For SDS100 |
| 11 | SDS100 | -- | 48.000, 2 | B12 - White Powder Coat | Linear Slot Supply, 1" Slot |
| 11 - Plenum | SDBI100 | 4x10.125 (8" Round Equivalent | 48, 2 | -- | Insulated Square Shoulder Plenum For SDS100 |
| 12 | SDS100 | -- | 48.000, 3 | B12 - White Powder Coat | Linear Slot Supply, 1" Slot |
| 12 - Plenum | SDBI100 | 10 | 48, 3 | -- | Insulated Square Shoulder Plenum For SDS100 |
| 13 | SDS100 | -- | 48.000, 4 | B12 - White Powder Coat | Linear Slot Supply, 1" Slot |
| 13 - Plenum | SDBI100 | 10 | 48, 4 | -- | Insulated Square Shoulder Plenum For SDS100 |
| 14 - Damper | 520D | Unit Size + 1-1/4" | Per Plans | B12 - White Powder Coat | Louvered Steel Dbl Deflec Reg W/Damp, 3/4" Spacing |
| 14 - No Damper | 520 | Unit Size + 1-1/4" | Per Plans | B12 - White Powder Coat | Louvered Steel Double Deflect Grille, 3/4" Spacing |
| 15 | 620D | Unit Size + 1-1/4" | Per Plans | B12 - White Powder Coat | Louvered Alum Dbl Deflec Regis W/Damp,3/4" Spacing |
| 16 | LBMH | Unit Size + 1" Frame | 24.000, 3.000 | AC - Clear Anodized | Heavy Duty Linear Bar Grille |
| 17 | FRFDA | 24, 24 | 10 | B12 - White Powder Coat | Flush Face Radial Flow Diffuser |
| A | 80 | Unit Size + 1-1/4" | 22.000, 10.000 | B12 - White Powder Coat | Egg Crate Grille, 1/2" X 1/2" X 1/2" |
| B | 80 | Unit Size + 1-1/4" | 22.000, 22.000 | B12 - White Powder Coat | Egg Crate Grille, 1/2" X 1/2" X 1/2" |
| C | 530D | Unit Size + 1-1/4" | Per Plans | B12 - White Powder Coat | Steel Return Regist W/Damp,45° Blades,3/4" Spacin |
| D | 630D | Unit Size + 1-1/4" | Per Plans | B12 - White Powder Coat | Alum Return Grille W/Damp,45° Blades, 3/4" Spacing |
| E | 530D | Unit Size + 1-1/4" | Per Plans | B12 - White Powder Coat | Steel Return Regist W/Damp,45° Blades,3/4" Spacin |
| F | 530D | Unit Size + 1-1/4" | Per Plans | B12 - White Powder Coat | Steel Return Regist W/Damp,45° Blades,3/4" Spacin |

WM TAO & ASSOCIATES
CONSULTING ENGINEERS

# Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: December 16, 2016

Attention: **stl-cac@cannondesign.com**

Contact Person / WTA Field Inspector: Patrick Garner

Project Name: Webster University-**ISB**

Reviewed by: Mike Nolte

Project No. WT 14127.01

[ ] UPS [ ] Courier [X] **Email**

| Copies | No. | Description |
|---|---|---|
| 1 PDF | 238800M08 | (Submittal No.'s:) (~~R&B CxSRC~~ ) |
| | | (Cannon #238800-11) - (Paric #15051-0370) – (WES #607) |
| | | ➢ **Air Distribution – Price Air Devices** |
| | | |
| | | |

## ***Submittal Review Comments***

1. **Confirm device quantities.**
2. **Verify ceiling construction with frame types.**

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

[ ] Furnish as Submitted [X] ***Furnish as Noted**

[ ] Rejected [ ] Revise & Resubmit

[ ] Reviewed [ ]

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.

**141270.01 - 238800 M08**
**MTN TO REVIEW**
**12/07/16**

**WTASHOP - Webster ISB - 23 8800-011**

---

**From:** STL-CAC <STL-CAC@CANNONDESIGN.COM>
**To:** 'Patrick Garner' <pgarner@wmtao.com>, "WTASHOP (WTASHOP@wmtao.com)" <WTA...
**Date:** 12/7/2016 2:02 PM
**Subject:** Webster ISB - 23 8800-011
**Cc:** "Patel, Kelvin" <kpatel@CANNONDESIGN.COM>
**Attachments:** 238800-011 Air Distribution Devices Product Data.pdf

---

Attached for review.

**Melissa Pirtle**

CANNONDESIGN

1100 Clark Ave
St. Louis, Missouri 63102
T 314.425.8797
cannondesign.com

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

238800-011
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

238800
SPECIFICATION SECTION / PARAGRAPH

Icon Mechanical
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

12/6/16
DATE

**To be completed by Reviewer**

23 8800-011
CANNON DESIGN SUBMITTAL NUMBER

12/6/16
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. 15051-0370**

*Paric Corporation*

**PROJECT:** 15051-Webster University Interdisciplinary Science Building

**DATE:** 12/06/2016

**TO:** Cannon Design
1100 Clark Ave
St Louis MO 63102

Fax;
314-241-2203

**RE:** Air Distribution Devices 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 | | 238800-011 | 1 | | 12/06/2016 | Air Distribution Devices Product Data | Submitted |

**NOTES:**

**CC:**

**Signed:** _____

Devin Gates

# Mechanical

## LETTER OF TRANSMITTAL

TO: Paric Corporation
77 West Port Plaza #250
St. Louis, MO 63146

ATTN: Jason Szachnieski, Devin Gates

DATE: 12/1/16
JOB # : 5768
RE: Webster ISB

We are sending you
( ) Attached ( ) Under separate cover
(X) Shop drawings ( ) Prints ( ) Plans ( ) Samples ( ) Specifications
( ) Copy of letter ( ) Change order ( ) Other

| COPIES | DATE | NO. | DESCRIPTION |
|---|---|---|---|
| 1 | 12/1/16 | 238800-2.9 | Air Distribution Devices |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

These are transmitted as checked below:

( ) For signature ( ) Approved as submitted ( ) Resubmit ( ) copies for approval
( ) For your use ( ) Approved as noted (X) Submit ( ) copies for distribution
( ) As requested ( ) Returned for corrections ( ) Return ( ) corrected prints
( ) For bids due ( ) Prints returned after loan to us
(X) For review and comment ( ) Other

Remarks: Please return by 12/13/16

Scheduled 5" and 7" have been adjusted to 6" and 8" as these are standard duct and air device sizes.

COPY TO: file

SIGNED: Alex Chambers

# Webster University ISB
# Webster Groves, MO

| | |
|---|---|
| Submittal #: | 238800-2.9 |
| Submittal Description: | Air Distribution Devices |
| Return By: | 12/13/16 |

Please Note: To avoid scheduling delays and equipment release delays, please submit by the "Return By" date.

CHECKED BY:

DESIGNER: X ENGINEER: X

| | | | |
|---|---|---|---|
| X | NO EXCEPTION TAKEN | | MAKE CORRECTIONS NOTED |
| | SUBMIT SPECIFIED ITEM | | REVISE AND RESUBMIT |
| | REJECTED | | |

Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Equipment supplier is responsible for: dimensions which shall be confirmed and correlated at the job site; fabrication processes and techniques of construction; coordination of his work with that of all other trades; and satisfactory performance of his work.

| | |
|---|---|
| Job #: | 5768 |
| Date: | 12/1/16 |
| By: | ARC |

# Grilles/Registers/Diffusers Submittals

**Job Name:** Webster University - Interdisciplinary Science Building
**Job Location:** St. Louis, MO
**Engineer:** Cannon Design
**Contractor:** icon Mechanical
**Date Printed:** 11/23/2016

**Contact:** Jake Norrenberns
13836 PARKS STEED DRIVE
EARTH CITY, MO 63045

Phone: 618-363-4441
Email: jake@kuhlmannsupply.com