



PARIC CORPORATION
77 Westport Plaza Suite 250
St. Louis, MO 63146
TEL: 636-561-9500
FAX: 636-561-9501

REQUEST FOR INFORMATION DATE: August 01, 2016 **NO.:** RFI-227

To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Joe Voypick

Project Name: 15051-Webster University Interdisciplinary Science Building Project No.: 15051

Subject: Floor Penetration Dimensions

Response Required By: August 08, 2016

Drawing / Spec Reference:

Information Requested:

A104.B rm 452/454

M0104.B shows four 24" x 3" openings which are shown as duct transitions on M103.B. Dimensions based off of grid lines are not shown on mechanical, architectural, or structural.

Please provide dimensions to openings.

Response:

Attached are dimensions to openings. Confirm size of opening required to accommodate the 24" x 3" ducts.

NOTE : ADDITIONAL RESPONSE AND INFORMATION FROM WTA IS FOLLOWING

.

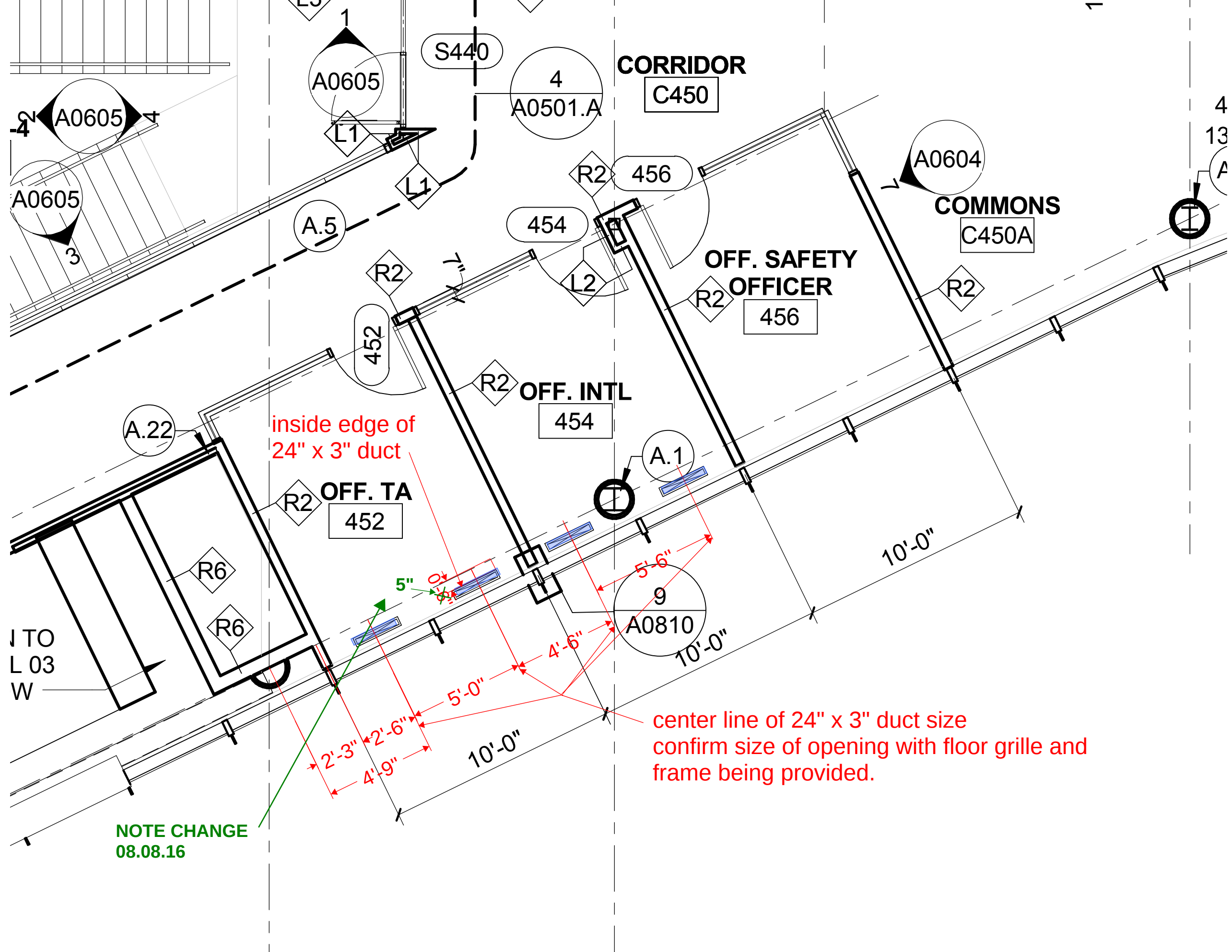
ARCHITECT'S RESPONSE:

This information is provided as an interpretation of the Contract Documents for implementation. It is not an authorization for change to the Contract Sum or Contract Time. If this information results in a claim for a change to the Contract, the Contractor shall notify the [Construction Manager][Architect] of a change through the change process.

REVISED 08.08.16

Answered By: Lynn Grossman - Cannon Design.

Date: 08.04.16





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Response:

Precise dimensions are not critical to the HVAC system. Please coordinate with architect and structural engineer for clearances from structural members and walls. Diffusers can be as close as 3-inches from wall and as far as 12-inches.

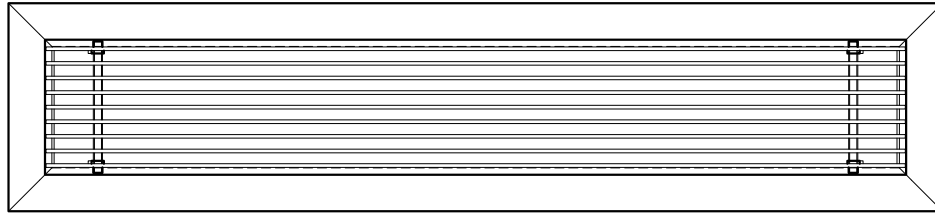
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Answered By: Mark Schaefer

Date: 8/3/2016

LBMH - LINEAR BAR GRILLES (MANDREL TUBE)



CORE STYLES

1/4" SPACING	1/2" SPACING		7/16" SPACING PENCIL PROOF
1/8" BARS	1/8" BARS	7/32" BARS	7/32" BARS
□ 15A	□ 15B	□ 25B	□ 25C
□ 16A	□ 16B	□ 26B	□ 26C
		□ 27B	□ 27C

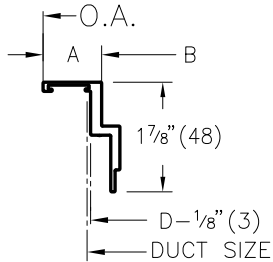
NOTES:

- EXTRUDED ALUMINUM CONSTRUCTION.
- B12 WHITE (OPTIONAL FINISHES AVAILABLE)
- BARS ARE PARALLEL TO LONG DIMENSION (STANDARD CONSTRUCTION)
- CORE FIXED IN PLACE WITH CORE CLIPS
- MAXIMUM SECTION LENGTH IS 72"(1829).
- SECTIONS CAN BE JOINED FOR CONTINUOUS APPEARANCE.
- SCREW MOUNTING HOLES PER FACTORY STD.
- FACTORY TOLERANCE: $\pm 1/32"$ (1).
- MAXIMUM NOMINAL WIDTH WITH DV1 BLADES IS 12"(305).
- MAX. SINGLE UNIT WIDTH IS 48"(1219).
- MAX. WIDTH 30"(762) FOR CORE ONLY.
- UNITS WIDER THAN 24"(610) REQUIRE ADDITIONAL STRUCTURAL SUPPORT DESIGNED AND INSTALLED BY OTHERS.
- LBMH IS NOT DESIGNED TO WITHSTAND LOADS FROM MECHANICAL EQUIPMENT SUCH AS CARTS, FORKLIFTS, ETC.
- CORE ONLY REQUIRES ADDITIONAL STRUCTURAL SUPPORT BY OTHERS.

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

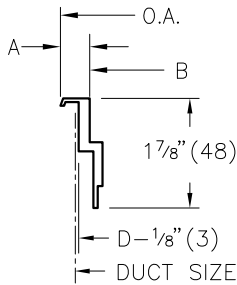
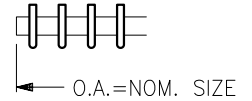
PROJECT:			
ENGINEER:			
CUSTOMER:			LBMH LINEAR BAR GRILLES MANDREL TUBE CONSTRUCTION
SUBMITTAL DATE:		210586	
SPEC. SYMBOL:		2014/12/11	

BORDER OPTIONS

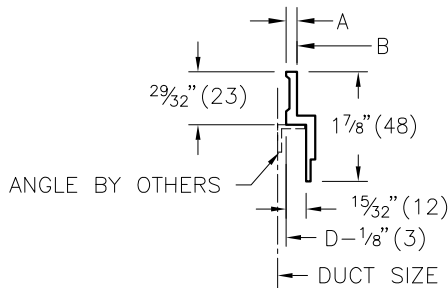


BORDER STYLE	BORDER WIDTH (A)	OVERALL (O.A.)	CORE WIDTH (B)
☐ 1250	1 1/4" (32)	D + 2" (51)	D - 1/2" (13)
☐ 1000	1" (25)	D + 1 1/2" (38)	D - 1/2" (13)
☐ 750	3/4" (19)	D + 1" (25)	D - 1/2" (13)
☐ CORE ONLY	N/A	D	D

☐ **CORE ONLY**



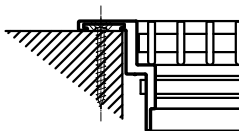
BORDER STYLE	BORDER WIDTH (A)	OVERALL (O.A.)	CORE WIDTH (B)
☐ 500	1/2" (13)	D + 5/16" (8)	D - 11/16" (17)



BORDER STYLE	BORDER WIDTH (A)	OVERALL (O.A.)	CORE WIDTH (B)
☐ 125	1/8" (3)	D - 1/8" (3)	D - 3/8" (10)
☐ 187	3/16" (5)	D - 1/8" (3)	D - 1/2" (13)

FASTENING

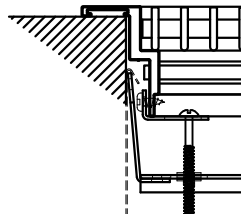
☐ **A - COUNTERSUNK SCREW**



- FOR CEILING, WALL, & SILL APPLICATION. AVAILABLE WITH BORDERS 1000,1250

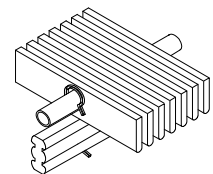
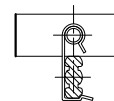
☐ **H - STRAIGHT HOLES**
AVAILABLE ON 750 FRAME.

☒ **C - CONCEALED MTG BRKT**



- FOR CEILING, SIDEWALL, FLOOR OR SILL APPLICATIONS. WITH CORE STYLES 15A, 16A, 26C OR 27C REMOVE CORE FOR ACCESS TO CONCEALED BRACKET.
- MAXIMUM WIDTH - 24" (610)

CORE CLIPS



- CORE CLIPS ARE SUPPLIED STANDARD ON ALL LBMH GRILLES

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PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:

SPEC. SYMBOL:

PRICE®

MG

210586

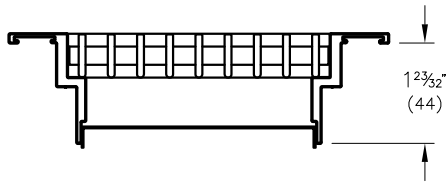
2014/12/11

LBMH

LINEAR BAR GRILLES
MANDREL TUBE
CONSTRUCTION

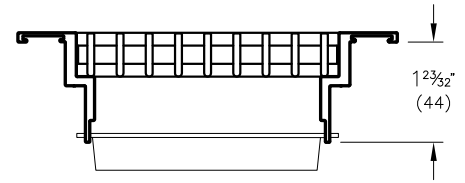
ACCESSORIES

☐ **BOS - BLANK OFF SECTIONS**



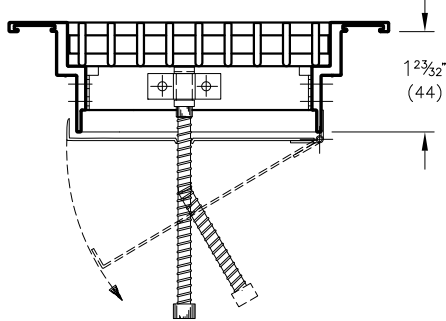
INACTIVE SECTION c/w BLANK OFF

☐ **DV1 - DIRECTIONAL VANES**



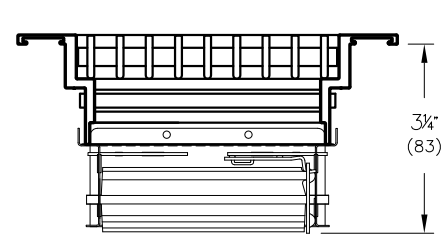
DV1 STRAIGHTENING VANES 1" O.C.
MIN. WIDTH 2"
MAX. WIDTH 12"

☐ **VCS2**



VCS2 FLAP DAMPER SCREW DRIVER OPERATOR
ON 3" (76) THROUGH 8" (203). FRICTION HINGE
ON 1 1/2" (38) THROUGH 2 1/2" (64)

☐ **VCS3**



VCS3 OPPOSED BLADE DAMPER
MIN. DAMPER WIDTH = 2 1/2" (64)
MIN. DAMPER WIDTH = 3" (76) (FRAMES 125 & 187)

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