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REQUEST FOR INFORMATION	DATE: May 04, 2017	NO.: RFI-531
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To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Devin Gates

Project Name:	15051-Webster University Interdisciplinary Science Building	Project No.: 15051
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Subject: Transfer duct conflicts in rooms 452,454,and 456

Response Required By: May 11, 2017

Drawing / Spec Reference:

Information Requested:

Rooms 452, 454, 456 show transfer ducts penetrating the northern walls of each room above ceiling to transfer air into corridor C450. This cannot be achieved due to conflicts with the ceiling height and the steel beam that runs flush with the soffit on the north side of each of these rooms. As we cannot penetrate the steel, in lieu of the current transfers shown, is it possible to transfer between each room and ultimately transfer the air from all three rooms into the Commons C450A?

If this is acceptable, transfer duct sizes need to be provided for coordination and fabrication.

Suggestion: Use the approved return air kit with acoustical flex to transfer air from the space to above ceiling, then use a sheetmetal transfer duct with top openings to transfer air between each office and ultimately into commons C450A. The return air kits with acoustical flex would be open to the ceiling space above to mitigate sound in and out of the room.

Response: Contractor's proposed solution is based on our previous discussion, with the exception that we also discussed that the flex ducts should be pointed away from the transfer ducts for optimum noise mitigation. Also note that the flex duct from return grilles will need to be properly supported (not by the ceiling).

The following lined transfer duct sizes are acceptable:

Office 452 to Office 454: 14x8 U-boot

Office 454 to Office 456: 14x12 U-boot

Office 456 to Corridor C450: 14x14 L-Boot

The 14" width dimension is based on typical stud spacing. Adjust size as required to maintain free area for different stud spacing.

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.

Answered By: Mike Nolte, WTA

Date: May 12, 2017









