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REQUEST FOR INFORMATION **DATE:** May 13, 2016 **NO.:** RFI-081

To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Devin Gates

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

Subject: Wiremold floor box clarifications

Response Required By: May 20, 2016

Drawing / Spec Reference:

Information Requested:

1) Sheet E0101.B Notes E62, E63, E66 & E67 calls for a RFB-FC (Fire Classified) ? Shouldn't these floor boxes have the designation OG (On Grade) Since they are located on grade on the 1st floor. The FC (Fire classified) would need to be changed to a RFB - OG for the product to meet the application. Please advise.

2) Levels 2, 3 & 4 plans call for the use of a RFB-FC (Fire Classified) floor box and the notes call for the raceways to be ran in the slab. You can not feed the RFB-FC floor boxes from the side. Should we be utilizing a standard RFB style floor box ? or should we be feeding these floor boxes from the floor below ? The project was figured with running raceways in the slab. Please advise.

3) If the plans are calling for 1 1/2" raceway in the slab and the floor boxes largest knock out access is 1 1/4" should we run (2) 1" conduits or look at the conduit fill of the 1 1/4" conduit ? Please advise.

4) All floor box dimensions are needed as soon as we can get them since we are using embedded floor boxes and will need them installed before the pour.

Response:

1) Any floor box that is located on grade shall have the OG designation, these floor boxes are not required to be fire rated. Standard RFB-OG box is acceptable.

2) Notes on electrical drawings do not indicate raceways to be ran in the slab, notes indicate boxes shall be installed per manufacturers instructions. Specification section 261300, 3.1,A,7 indicates conduit shall not be allowed in floor slab unless specifically approved by Structural Engineer. Fire classified floor boxes are required, feed as required.

3) A 1-1/4" conduit is acceptable for the communications in room 231. The 1-1/2" conduits indicated to the floor boxes in Lecture Hall 160 shall remain as the 6 gang box will accept up to a 2" conduit.

4) Please refer to Architectural drawings or consult with Architect for floor box dimensions.

Please note conduits to floor boxes for A/V will be determined with final A/V design

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: Bill Shaw

Date: 05/16/2016