



PARIC CORPORATION
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St. Louis, MO 63146
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REQUEST FOR INFORMATION DATE: December 27, 2016 **NO.:** RFI-394

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: Contractor Control In Room 133

Response Required By: January 03, 2017

Drawing / Spec Reference:

Information Requested:

See attached email correspondence regarding which circuits need to be controlled through the controller in room 133. Please Advise.

Response:

Route power for all lighting and receptacles in Simulation Lab 133B via the contactor. Do not include power for the Lab Rack in closet (circuit 29). Per keyed note L13 on sheet E0201.B, provide automatic load control relay to ensure lights will energize upon loss of (building) normal power.

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: Mark de la Fuente, WTA

Date: 1/12/17

Voypick, Joe

From: Mark de la Fuente <MdeLaFuente@wmtao.com>
Sent: Friday, December 02, 2016 4:31 PM
To: kpatel@CANNONDESIGN.COM; dan.wagener@geco.com; rick.branstetter@geco.com
Cc: Lynn Grossman; Gates, Devin; Patrick Garner
Subject: Re: Contractor control in rm 133 RFI
Attachments: JPEG.jpeg; JPEG.jpeg; JPEG.jpeg; JPEG.jpeg; JPEG.jpeg; JPEG.jpeg; JPEG.jpeg; JPEG.jpeg

Kelvin,

I've heard the owner would like to eliminate this item from the project. So I'm not sure if there is an owner's representative that needs to be contacted as our note indicates.

Regardless, my understanding is that this button is supposed to simulate a power loss. Presumably, for lighting, the switch leg 'b' would be routed via the contactor. Also, the non-emergency circuit connected to the Square-D automatic load control relay (serving the two emergency lights) would be routed via the contactor. And for power, I would assume we would pick up circuits 21, 23, 25, and 27, in order to kill power to the seven receptacles in the room.

In this configuration, all receptacles would loose power. The ten non-emergency lights would loose power. The two emergency lights would blink and stay on.

What about circuit 29, in the closet?

How would you like to proceed?

Mark

Mark de la Fuente, P.E., IALD, MIES
Associate, Electrical Project Engineer



7955 Manchester Rd., Suite 125

St. Louis, MO 63143

O: 314-884-7600

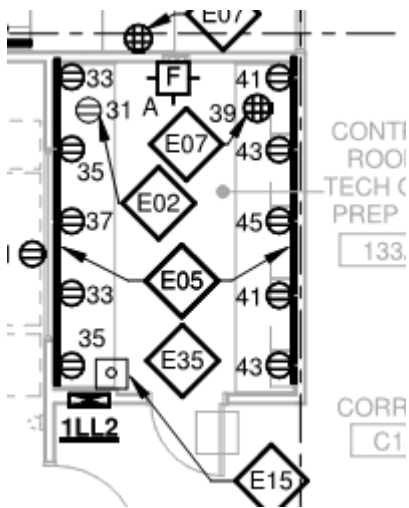
wmtao.com

wtalighting.com

>>> <rick.branstetter@geco.com> 12/2/2016 9:06 AM >>>
Mark & Devin

We need to know which circuits need to be controlled through the controller in rm 133. I have attached the panel schedule, note and room layout.

E15 PROVIDE MUSHROOM HEAD PUSH BUTTON SWITCH AND 6 POLE CONTACTOR. PUSH BUTTON SHALL DEACTIVATE POWER TO CONTACTOR AND ASSOCIATED CIRCUITS. VERIFY WHICH RECEPTACLES IN SIM LAB SHALL BE CONTROLLED WITH OWNERS REPRESENTATIVE. ALL RECEPTACLES AND COVER PLATES FED THROUGH CONTACTOR SHALL BE RED IN COLOR AND SHALL BE LABELED "NOT ON GENERATOR."



Panel: 1LL2

Location: CORRIDOR C130
Supply From: SB-2
Mounting: F
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

CKT	Circuit Description	Trip	Poles	A		B		C		Poles
1	Health Assessment Lab 131 - Teacher	20 A	1	720	360					1
3	Health Assessment Lab 131 - Receptacles	20 A	1			360	720			1
5	Health Assessment Lab 131 - Monitor	20 A	1					360	0	1
7	Health Assessment Lab 131 - Desk	20 A	1	720	540					1
9	Health Assessment Lab 131 - Desk	20 A	1			720	360			1
11	Health Assessment Lab 131 - Desk	20 A	1					720	360	1
13	Health Assessment Lab 131 - Desk	20 A	1	720	540					1
15	Health Assessment Lab 131 - Surface Raceway	20 A	1			360	540			1
17	Health Assessment Lab 131 - Surface Raceway	20 A	1					360	540	1
19	Health Assessment Lab 131 - A/V Receptacle	20 A	1	360	540					1
21	Sim Lab 133B - Receptacle	20 A	1			540	540			1
23	Sim Lab 133B - Receptacle	20 A	1					180	540	1
25	Sim Lab 133B - Receptacle	20 A	1	180	540					1
27	Sim Lab 133B - Receptacle	20 A	1			360	540			1
29	Sim Lab 133B - Receptacle	20 A	1					180	540	1
31	Control Room 133A - Monitor	20 A	1	180	540					1
33	Control Room 133A - Surface Raceway	20 A	1			360	540			1
35	Control Room 133A - Surface Raceway	20 A	1					360	180	1
37	Control Room 133A - Surface Raceway	20 A	1	180	180					1
39	Control Room 133A - A/V Receptacle	20 A	1			360	180			1
41	Control Room 133A - Surface Raceway	20 A	1					360	360	1
43	Control Room 133A - Surface Raceway	20 A	1	360	360					1
45	Control Room 133A - Surface Raceway	20 A	1			180	360			1
47	Spare	20 A	1					0	360	1
49	Spare	20 A	1	0	0					1
51	Spare	20 A	1			0	0			1
53	Spare	20 A	1					0	0	1
Total Load:				7020 VA		7020 VA		5400 VA		
Total Amps:				61 A		61 A		45 A		

Notes:



Rick Branstetter
Preconstruction Manager
Phone: 314-678-8053
Main: 314-772-5400
Mobile: 314-280-7477

web: www.geco.com



3401 Bent Ave

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From: Dan Wagener/GECO
To: Rick Branstetter/GECO@geco
Cc: "Paric Devin" <ddgates@paric.com>
Date: 12/02/2016 08:26 AM
Subject: Contractor control in rm 133

Rick,

I need to know what circuits the contractor is going to control in this rm so I can rough in the walls correctly

Web: www.geco.com



Dan Wagener

Project General Foreman
Phone: 314-772-5400
Main: 314-772-5400
Mobile: 314-280-7475



3415 Bent Ave

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[VIEW MAP](#)

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