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

REQUEST FOR INFORMATION

DATE: April 07, 2016 **NO.:** RFI-027

To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Devin Gates

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

Subject: BP-2 Plumbing post bid questions/clarifications

Response Required By: April 14, 2016

Drawing / Spec Reference:

Information Requested:

1. Please confirm the configuration of the sewage ejector pumps at Level 0. These appear to mix floor drain waste with drain tile water in a combined basin to pump up from Level 0. Does there need to be a separate basin and pump system for floor drain and under drain water? If a separate basin is required, would there need to be a new storm lateral at the exterior of the building?

2. Please confirm no chemical resistant drain piping or acid neutralization basins are required , none appears to be required.

3. On BP-2 drawing P0011 dated 3/1/16 there was an exterior 500 gallon grease trap "G1." On addendum 2-1 the exterior G-1 is not indicated and an interior G1 is shown instead, but it is much smaller. Civil drawings C400 still indicate an exterior grease trap. Please confirm the exterior G1 is no longer needed and the interior G1 is of adequate size.

4. RE: Sheet P0101.A, dated 3/17/16 - Please confirm the full routing of the pipe tagged with Note 14 just south of Mechanical Room 192. This pipe does not appear to continue on either end.

5. RE: Sheet P0101.B, dated 3/17/16 – Please confirm the configuration of the primary and overflow drains in this area. C200 shows drain piping connecting to the site storm line. P0101.B shows similar drain piping daylighting to the sunken area. Are runs of piping required, or are they the same piping systems configured in different ways? Please provide primary and overflow roof drain details for this roof, along with details for the daylight piping termination (i.e. concrete collar, rodent guard, rock swale, etc.)

6. RE: Sheet P0101.B, dated 3/17/16 Please confirm the roof drain line is sized adequately to accommodate wind driven rain.

7. Please confirm backflow preventers are not required at lab sinks, none appear to be required.

8. Please confirm processed water is not required at lab sinks, none appear to be required.

Answered By:_____ Date:_____

Response:

Responses to questions above provided by Webb Engineering Services, Inc.

Item 1: A new sump pit and pump has been added in Addendum 2-2 to serve Level 0 condensate drains. The sump pump discharge is to extend up to Level 1, (in Mechanical Room) and terminate as an indirect waste to a new floor sink.

Item 2: There is no chemical resistant drain system. However, each lab sink is to be provided with an acid resistant drain, tailpiece, waste arm, etc. Refer to plumbing drawing P0503, detail 2/P0503.

Item 3: The exterior grease interceptor has been eliminated from the project. The grease interceptor shown (GI-1) as shown and described is correct.

Item 4: The piping in question are domestic water supply risers serving plumbing fixtures and appliances in the Teaching Kitchen. Refer to plumbing drawing P0402, detail 1/P0402 for waste/vent and water supply risers for this. Note, these risers have been revised and the drawing reissued in Addendum 2-2.

Item 5: The green roof is provided with primary roof drains, type RD-2 as scheduled. The piping for each roof drain extends east, through the wall and is to be connected to the new storm line (with yard drains) as shown on the civil/site drawings. The secondary roof drainage is being provided by wall scuppers. Plumbing contractor to furnish and install perforated drain pipe, and route as indicated on the drawings. Refer to the architectural drawings for wall scuppers and details for the pipe trench. Drawing P0101.B has been revised and is being reissued in Addendum 2.2.

Item 6: Piping sizes have been adjusted. Drawing P0101.B has been revised and is being reissued in Addendum 2.2.

Item 7: Backflow preventers have not been provided for individual Labs.

Item 8: Process water is not provided for at individual Lab sinks. Process/chilled water is provided for select Laboratory fume hoods. Refer to the Mechanical drawings.

END

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 nager][Architect] of a change through the change process.

Answered By:_____ Date:_____