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REQUEST FOR INFORMATION	DATE: May 16, 2016	NO.: RFI-089
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To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Devin Gates

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

Subject: Lab drainage piping spec

Response Required By: May 23, 2016

Drawing / Spec Reference:

Information Requested:

There is nothing in the documents we can find which states that the sanitary drainage piping for the lab sinks is to be anything other than the general sanitary piping system of cast iron pipe and fittings (except the sink p-trap assembly).

There is Deionized Water equipment specified, and a deionized water distribution system with dispensers at many lab sinks. The deionized water distribution system has special piping that can handle DI water, because DI water will attack and dissolve most piping systems it touches.

The specification for the lab sinks calls for an acid-resistant p-trap assembly, but the acid resistant piping terminates between the p-trap and the wall. Because of how aggressive DI water can be, it could result in the disintegration of the cast iron waste piping downstream of the lab sinks over a relatively short period of time, depending on the amount of DI water discharged down the drain.

Please confirm that the specification for the drainage piping serving the lab sinks is to remain as it is currently written.

Response:

The sanitary waste and vent piping is specified to be no-hub cast iron. The exception to this is the lab sink waste. All piping from the lab sinks to the point of connection to the CI sanitary piping system, is to be acid resistant pipe and fittings. Refer to detail 2, drawing P0503
The use of the DI water is expected to be intermediate, potable water in the trap would act to dilute the DI water, reducing its affect on the CI.

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 Whitworth - WES

Date: May 20, 2016