



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

REQUEST FOR INFORMATION **DATE:** September 28, 2016 **NO.:** RFI-311

To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Devin Gates

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

Subject: Fire protection water flow safety factor

Response Required By: October 05, 2016

Drawing / Spec Reference:

Information Requested:

Per Assistant Fire Chief Tom Yohe;

"Here is the adopted code regarding the water flow safety factor.

507.4.2 Water Flow Safety Factor: A safety factor shall be applied to all flow tests for fire sprinkler systems. A parallel curve shall be drawn to the actual flow test curve that has been reduced by ten (10) psi of the static pressure. A sprinkler system design shall not exceed the ten (10) psi curve."

Ahern fire protection has confirmed with him that the requirement is 10%, not 10 psi. Ahern Fire Protection will be able to meet the 10% (9.6 psi) as well as the 10 psi (if there is any concern).

Per our meeting regarding the specification requirements, please confirm the reduction of the safety factor to 10%.

Response:

The 10% safety factor, as required by the AHJ is acceptable.

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: 10-03-16

Gates, Devin

Subject: FW: Water Flow Safety Factor

From: Tom Yohe [<mailto:yohet@webstergroves.org>]

Sent: Wednesday, September 28, 2016 7:24 AM

To: Dana Mitchell <DMitchell@ahernfire.com>

Subject: Water Flow Safety Factor

<< This message originated outside of Ahern's email system. Use caution and verify the sender if this message contains attachments, links or requests for information. >>

Dana,

Here is the adopted code regarding the water flow safety factor.

507.4.2 Water Flow Safety Factor: A safety factor shall be applied to all flow tests for fire sprinkler systems. A parallel curve shall be drawn to the actual flow test curve that has been reduced by ten (10) psi of the static pressure. A sprinkler system design shall not exceed the ten (10) psi curve.

Thanks,

Tom Yohe

Assistant Fire Chief

yohet@webstergroves.org

Webster Groves Fire Dept.

314-963-5330

314-962 -4504 (Fax)