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REQUEST FOR INFORMATION **DATE:** September 27, 2016 **NO.:** RFI-301

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: Enlarging opening in beam for fire protection

Response Required By: October 04, 2016

Drawing / Spec Reference:

Information Requested:

We are having an elevation issue coming through the beam penetrations to feed the dry pendent heads on the external canopy. The existing hole is not deep enough to allow us to get under the W18 beams with the supply piping. (see attached sketches)

Currently there is approximately ½" clearance coming through the existing penetration however there is an 11/16" interference with the W18. Would it be possible to enlarge the hole 1" in depth to allow for the clearance needed to maintain the piping level?

The alternate solution is to add an access panel and route below the beam.

Response:

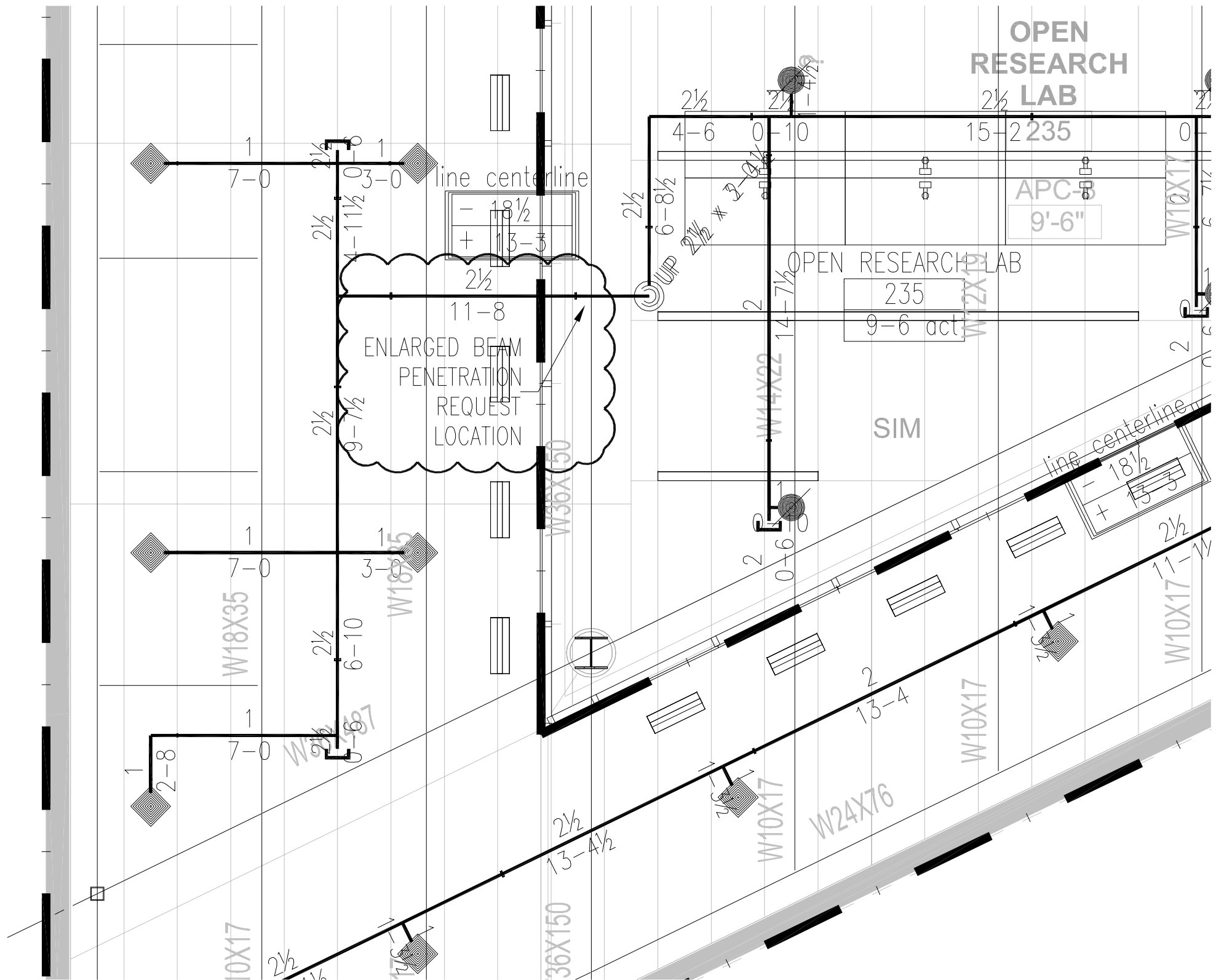
Prior to creating additional or making larger openings in the structural members, the contractor should investigate all piping alternatives and options. The pipe size indicated of 2.5 inches seems to be large for five sprinkler heads. If the size is correct however, the 2.5 inch pipe could be moved to the east of the W18, and multiple smaller diameter piping extended to the heads. This space is also served with a hot water/fin tube heating system for the sprinkler piping. The pipe openings through the steel is to be shared. Layout and installation of the sprinkler piping is to be coordinated with the mechanical contractor as well as all trades. If there are no other alternatives or options available, and additional opening or larger openings are required, the structural shall be consulted.

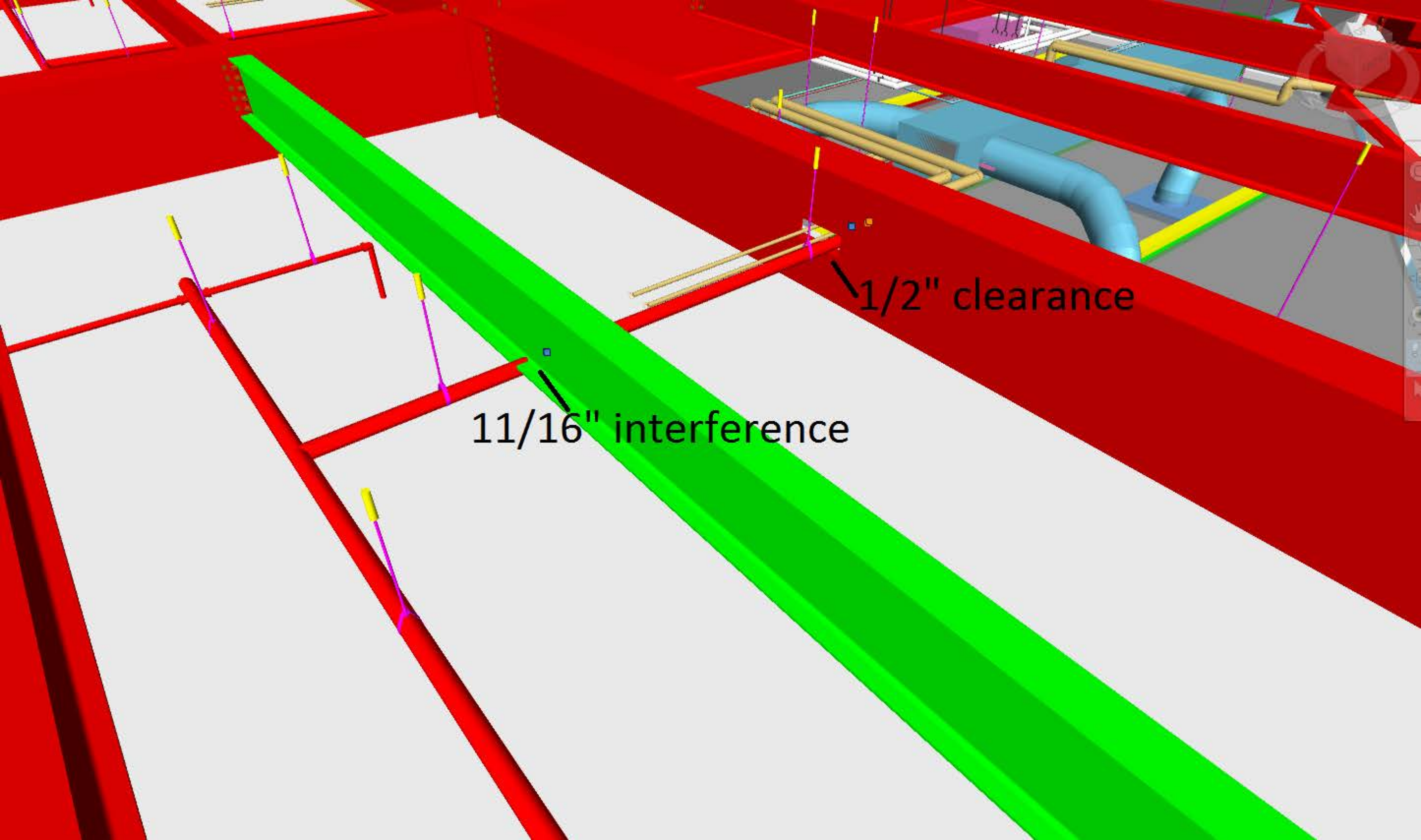
ARCHITECT'S RESPONSE:

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





11/16" interference

1/2" clearance