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

REQUEST FOR INFORMATION

DATE: October 28, 2016 **NO.:** RFI-338

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: Projected window head details

Response Required By: ~~November 04, 2016~~ Did not receive RFI notification.

Drawing / Spec Reference:

Information Requested:

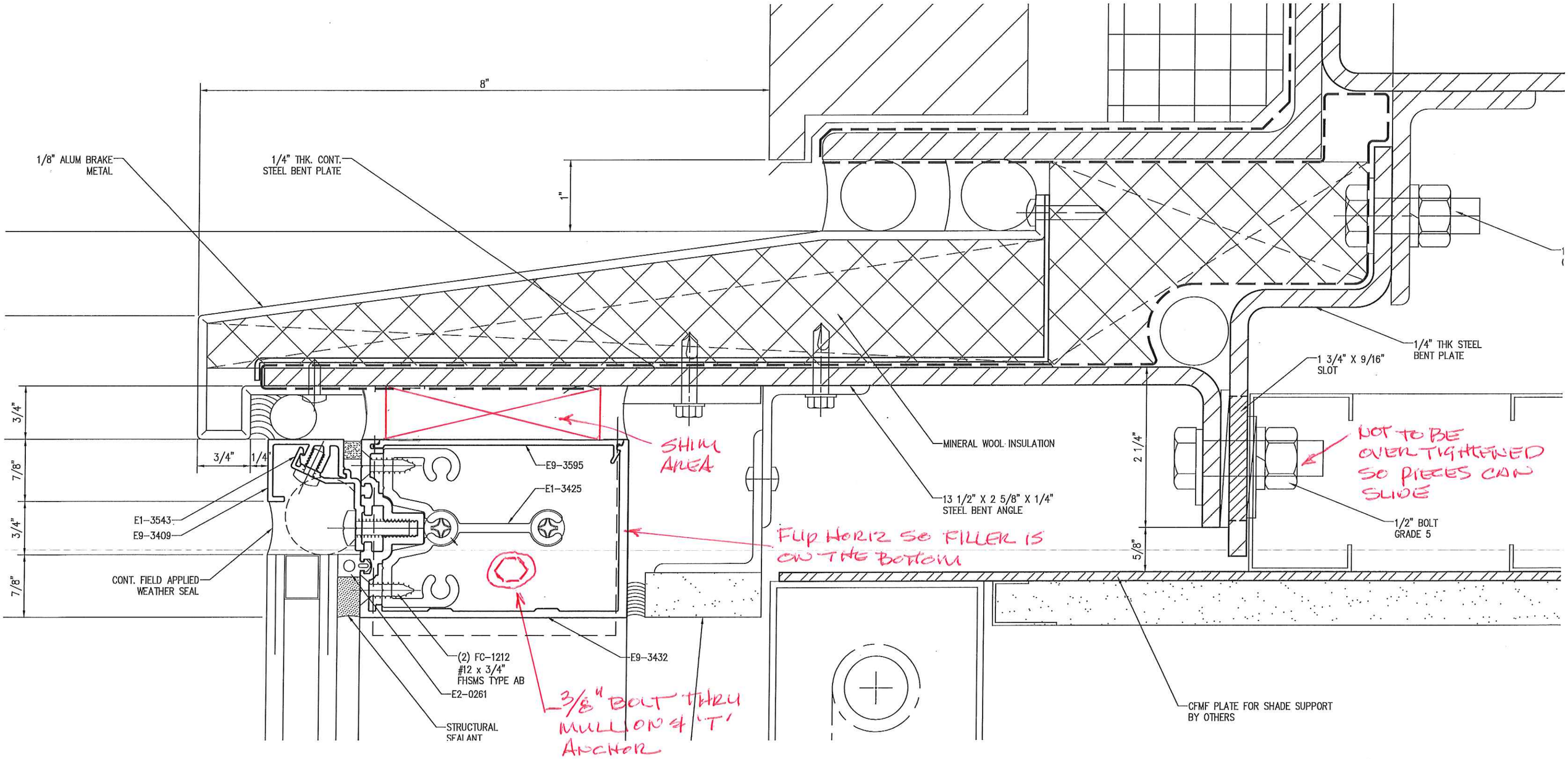
1. In order for the horizontal plate to be able to slide up and down as planned, can the plate be fastened to the window head per the attached detail (see attached markup). Without this fastening to the window head, the plate may not slide up and down and only flex up and down from the fixed bolt connection because it cannot overcome the friction.
2. Please advise if the thermal analysis can be revised on the North projected window per JEI memo (see attached) in order to minimize the movement joint size.

Response:

Comments will be provided on the detail submitted in the revised curtain wall shop drawing submittal submitted on 11/08/16.

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: Kelvin Patel Date: 11/09/2016


8"
1/8" ALUM BRAKE METAL
1/4" THK. CONT. STEEL BENT PLATE
1"
1/4" THK STEEL BENT PLATE
1 3/4" X 9/16" SLOT
3/4"
7/8"
3/4"
7/8"
3/4"
1/4"
E9-3595
E1-3425
E1-3543
E9-3409
CONT. FIELD APPLIED WEATHER SEAL
SHIM AREA
MINERAL WOOL INSULATION
13 1/2" X 2 5/8" X 1/4" STEEL BENT ANGLE
2 1/4"
5/8"
NOT TO BE OVERTIGHTENED SO PIECES CAN SLIDE
1/2" BOLT GRADE 5
FLIP HORIZ SO FILLER IS ON THE BOTTOM
(2) FC-1212 #12 x 3/4" FHSMS TYPE AB
E9-3432
E2-0261
3/8" BOLT THRU MULLION & 'T' ANCHOR
STRUCTURAL SEALANT
CFMF PLATE FOR SHADE SUPPORT BY OTHERS

JEI Structural Engineering
Glazing Systems
Fast, Friendly, Affordable

Project: Webster University

JEI Contact: Matt Gorny

To: NGG, Inc.
Dan Ward

Subject: Thermal Recommendations

Description:

The average low temperature in Missouri during time of construction is 34deg. JEI recommends using a 30deg value for temperature at time of construction. The North Elevation in question, is completely sealed from exterior exposure, and the interior features a controlled environment. JEI recommends using a maximum post construction temperature of 90deg.

The above recommendations result in a 3/8" maximum thermal expansion. Due to this frames proximity to columns, the live load will be less than the thermal expansion. These two values will not occur simultaneously at a roof conditions. This can be accommodated by a minimum ¾" conventional sealant joint.