



Heitmann & Associates, Inc.

Site Observation Visit# 05

Report #05-Mockup

Project Name: Webster University- ISB
Project Location: Webster Groves
Project Number: 2014061.20
Client: Webster University
Report Prepared By: Ryan Fennewald - Heitmann & Associates, Inc.
Date of Report: December 14, 2016

A. Introduction

1. Heitmann & Associates, Inc. (HAI) representative Ryan Fennewald arrived at the project site on December 5, 2016 to observe the Mockup hose testing conducted by Paric.

B. General Status

1. On December 5, 2016, hose water testing was conducted by Paric on the mock up. The hose testing for this day was for a single glass/aluminum curtain wall unit located at the sloped roof condition. Perimeter seals were installed so that both lines of sealant were in place and weep holes located at the sill were included with the test as well.
2. Hose testing consisted of the sill horizontal, the right jamb (form the exterior), the intermediate horizontal, and the head horizontal. Testing was performed in conformance with AAMA test standard 501.2, "Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls, and Sloped Glazing Systems". The pressure at the nozzle was maintained at 30 psi.
3. At the conclusion of testing, it was discovered by physical touch that moisture was on the interior of the head horizontal. This area was difficult to inspect prior to testing as structural supports as well as studs and sheathing blocks the view to this area. HAI felt moisture when feeling along the top of the horizontal. Since water wasn't observed during testing and the moisture felt in this area didn't appear to be significant by volume, the area was dried off and tested again. No water was observed or felt after the area was retested. It was opined that the moisture was most likely from dew or rain from the previous day.
4. HAI considers the testing of the remediated sealant joint at the curtain wall head successful.

C. Observations & Comments

DATE	DESCRIPTION		COMMENTS/ RESOLUTION	STATUS
5.1	View of mockup exterior window.	 RED LINES DENOTES JOINTS SPRAYED DURING HOSE TEST.	Hose water testing to occur at this unit.	Mockup testing in progress
5.2	Close up view of the sill.	 WEEP TUBES INSTALLED.	Sill horizontal with weep tubes installed.	Mockup testing in progress
5.3	Close up view of the head.		Head horizontal with perimeter seals installed for water testing.	Mockup testing in progress

D. Summary

Installation of all framing members, seals, and weep holes have been installed. Critical seals must be installed and a quality control check needs to occur before components are installed on the building. All changes made on the mockup need to be implemented on the As-Built shop drawings for use in the field.

END OF REPORT

Respectfully submitted,
HEITMANN & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Ryan Fennewald", is enclosed within a light gray rectangular border.

Ryan Fennewald
Engineering Consultant