architecture / landscape architecture / interiors

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Site Visit Notes – Round Two Mock-up Testing

Date/Time: **November 08, 2016**
Prepared by: Scott Klingsick, KWA
Project Title: **Webster University – Interdisciplinary Science Building**
KWA Project No.: **2014-0119**
Cannon Project No.: 004561.00
Project Location: 470 East Lockwood Avenue
Webster Groves, MO 63119

ATTENDANCE RECORD:
Official sign-in sheet was recorded by Paric/Mid America. Not all attendees are recorded below

NAME	COMPANY	EMAIL	TELEPHONE
Jason Szachnieski	Paric Corporation	jrszchnieski@paric.com	636-561-9608
Steve Ray	Paric Corporation	sray@paric.com	
Devin Gates	Paric Corporation	ddgates@paric.com	314-348-8828
Craig Miller	Webster University	craigmiller29@webster.edu	
Jim Ward	Webster University	wardji@webster.edu	
George Crow	Heitmann & Associates, Inc	gcrow@hietmannassoc.com	314-439-1944
Rick Heitmann	Mid America Testing	rickh@midamlab.com	636-257-4722
Kelvin Patel	Cannon Design	kpatel@cannondesign.com	314-425-8756
Scott Klingsick	KWA	scott@kwastl.com	314-962-2560

MEETING MINUTES:

1. Arrived on site at 9:50 a.m. The following are KWA's field observations. The official testing report will be issued by Mid America Testing Laboratory, Inc.

    - Upon arrival mock-up was covered with plastic to protect it from possible overnight rain. Mock-up was uncovered and static air testing began at 10:00 a.m.
    - Static air testing was performed in compliance with ASTM E783 on the mock-up. Rick Heitmann with Mid America Testing stated that the .08 C.F.M. air infiltration reached was acceptable.
    - Section 1: (Curtainwall/sloped glazing/fiber cement panels). Water testing began at 10:28 a.m. Section had previously passed during initial testing. After initial testing, weeps were added to the sealant at the sill. Leaking was noted at the north side of the sill. No destructive investigation was performed. NGG/Paric will remove sealant at a later date and document. Retesting will be required.
    - Section 2: (Curtainwall/brick). Testing began at 10:52 a.m. Section passed and no leaking was observed.
    - Section 3: (Projected curtainwall/brick). Testing began at 11:13 a.m. One leak was observed at the intersection of mock-up sections 2 & 3 on the rear of the mock-up where air chamber/coping/roofing intersect. Mid America Testing stated that leaking had no effect on the test results.
    - Mid America Testing will issue final testing results/notes.

2. The following are aesthetic observations that require review:

- End dams are exposed at the south section corners at the lipped brick. Brick with a lipped corner will be required to be installed on the building.

- Metal panel joints are not consistent. Joints vary in size/thickness across the length of the joint. Metal panels do not align in the same vertical plane.

- Fiber cement panel joint adjacent to the brick is not consistent in width along its length. Support framing behind panels is visible. Fasteners do not match fiber cement color.

- Sealant is required at the top and bottom of all snap-on fin clips. Bottom sealant must allow for system to weep. Sealant was not installed at top of fin clips at flashing.

- Mortar at lipped brick should be installed above thru-wall flashings. Head joint weeps should extend to thru-wall flashing.

3. KWA left the site at 12:10 p.m.