CANNONDESIGN

Masonry Review Field Report

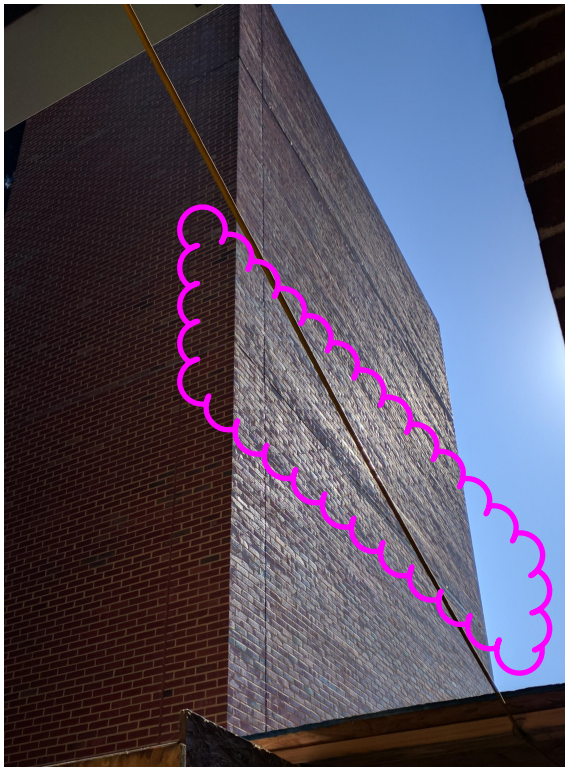
DATE	May. 12, 2017	**REPORT NO.**	**012**
PROJECT:	Webster University Interdisciplinary Science Building 8274 Big Bend Blvd. Webster Groves, MO 63119	**DATE OF VISIT:** **TIME:** **WEATHER:**	May 09, 2017 09:00 am 72°F
PROJECT #	004560.01		
PRESENT AT SITE:	Kelvin Patel (CD), Lynn Grossman (CD), Craig A Miller Sr. (Webster University), George Crow (Hietmann & Assoc.), Jason Szachneiski (Paric), Jeff Fischer (Paric), Devin Gates (Paric), Steve Ray (Paric).		

Item #	Observations, Discussion, Action Item

On morning of Monday, May 9th, 2017 field observation was conducted for cleaned brick masonry on the south elevation of the Interdisciplinary Science Building (ISB).

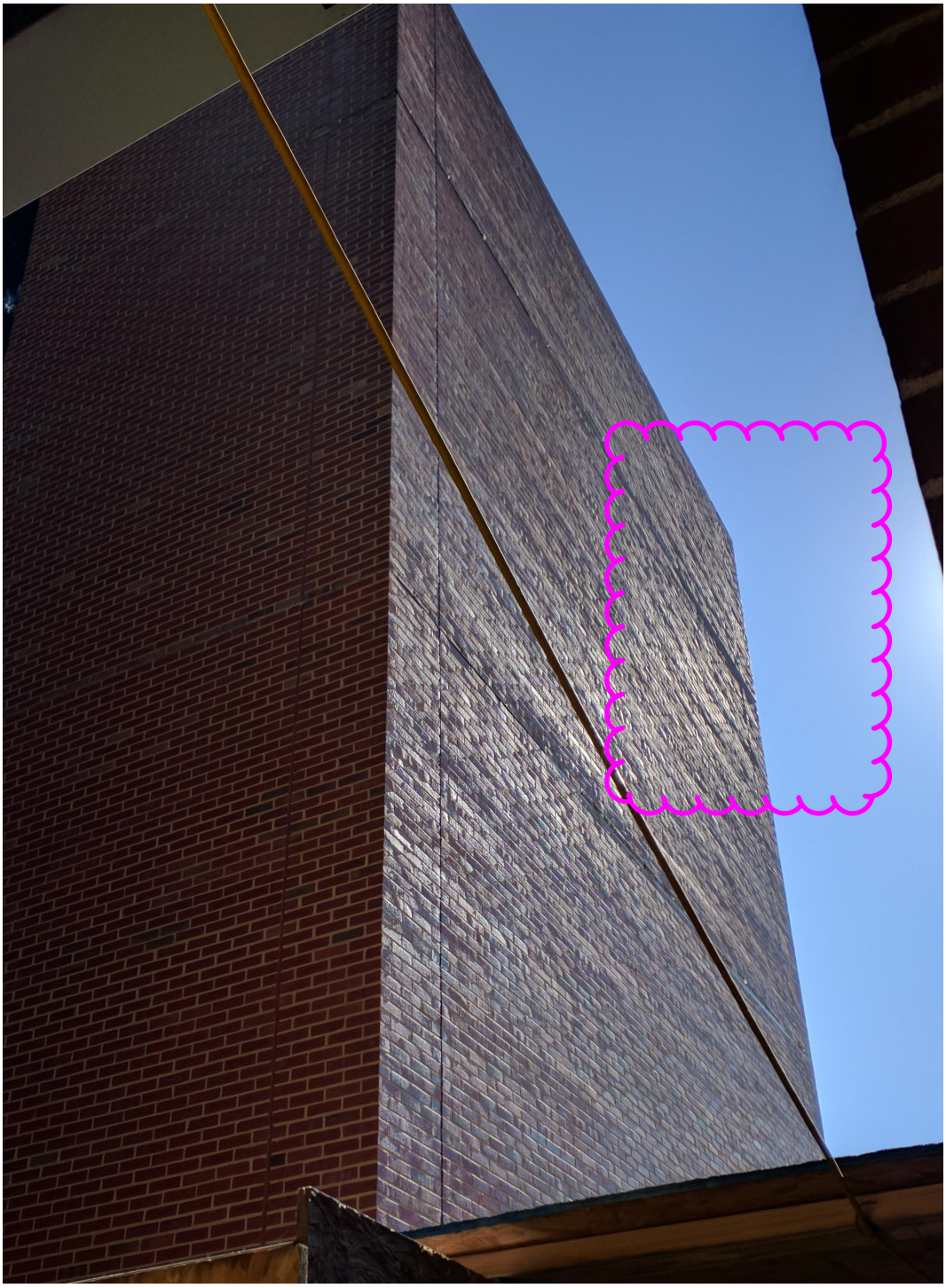
Following are the deficiencies observed with the brick masonry construction on south elevation near south-east stair between ISB and EAB:

1. The brick masonry appears to be bulging above level 03 movement joint.
ACTION: Contractor to demonstrate that the brick masonry is within tolerances specified and is constructed per specifications 042000.



Note: The statements contained in this report represent the Architects observations during periodic visitations to the project site, and do not represent in detail, the work conducted. Omission of any item of non-compliance with the contract documents in this report does not relieve the Contractor of his responsibility to comply with the requirements of the contract documents.

2. The brick masonry appears to be have a depression below level 04 movement joint. ACTION: Contractor to demonstrate that the brick masonry is within tolerances specified and is constructed per specifications 042000.



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3A. The thickness of horizontal movement joint is not consistent and appears greater than allowed tolerances.
ACTION: Contractor to demonstrate that the brick masonry is within tolerances specified and is constructed per specifications 042000.

3B. The sealant tooling at the horizontal movement joint is not consistent. And the sealant color does not match the mortar color.
ACTION: Contractor to remediate. Per discussion in OAC meeting, provide in-place mockup of architect selected sealant colors to select a sealant color matching closest to the mortar color.

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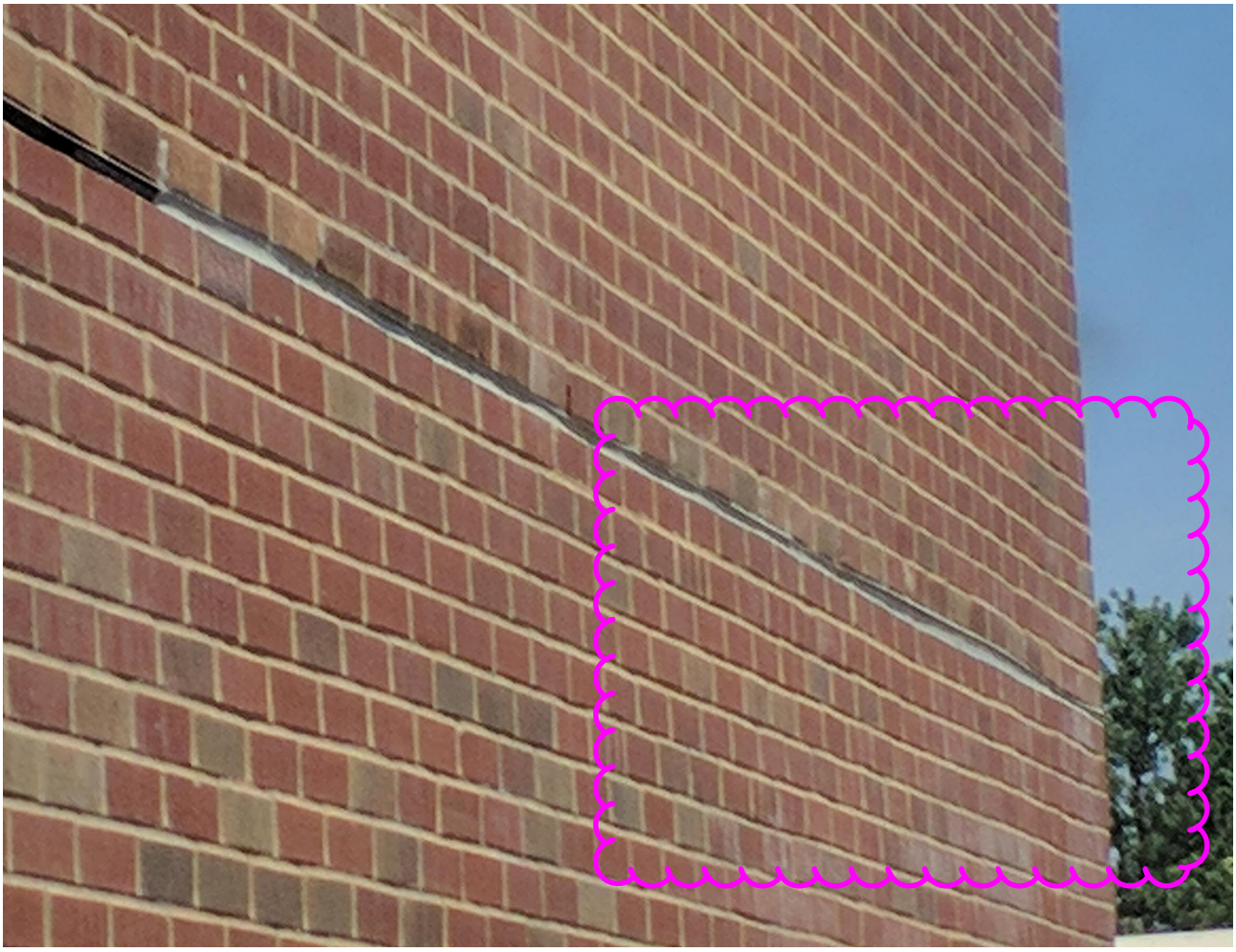
4. The brick masonry courses are not in level at certain locations, especially at the horizontal movement joint above level 03.
ACTION: Contractor to demonstrate that the brick masonry is within tolerances specified and is constructed per specifications 042000.



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5. The brick masonry mortar tooling is inconsistent, some brick surfaces appears canted resulting in uneven wall surface appearance .
ACTION: Contractor to demonstrate that the brick masonry is within tolerances specified and is constructed per specifications 042000.

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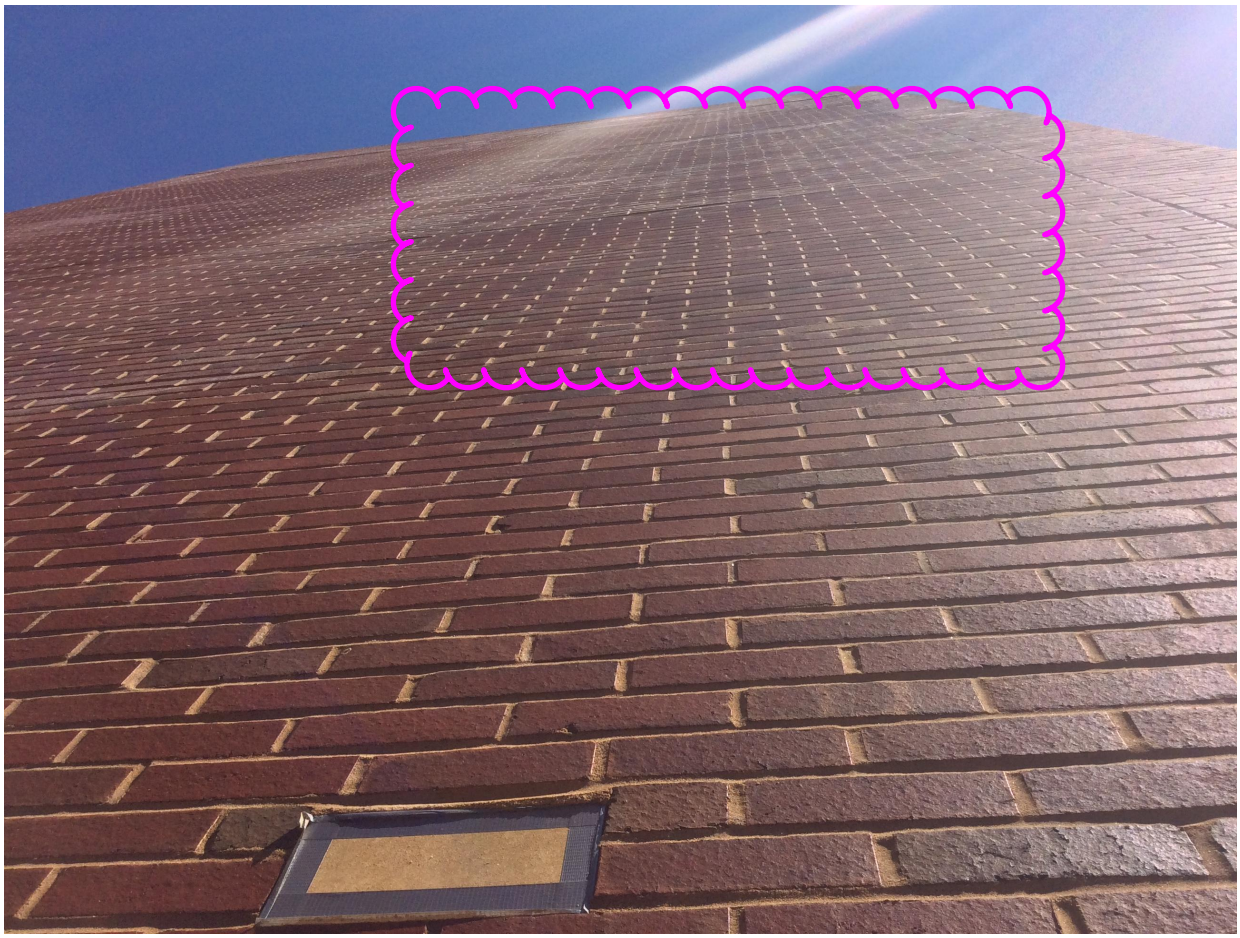
6. Some vertical joints appears to be out of plumb.
ACTION: Contractor to demonstrate that the brick masonry is within tolerances specified and is constructed per specifications 042000.



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7. The vertical control joint at the brick masonry appears not be in a straight line.
ACTION: Contractor to demonstrate that the control joint is within tolerances specified and is constructed per specifications 042000.

8. The sealant at the vertical control joint is tooled inconsistently resulting in uneven appearance. This comment applies to east, south, and west sides.
ACTION: Contractor to repair or re-install the sealant with consistent tooling.

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9. The chipped brick ratio appears high than allowed per specifications.
ACTION: Contractor to demonstrate that the brick masonry is within tolerances specified and is constructed per specifications 042000.

10. Most of these deficiencies are more on the south wall along grid A.6 and the west wall along grid 7.1 near the existing south-east stairs between EAB and ISB compared to the east elevation.
Note: Per specification 042000, 2.2, B higher quality masonry construction is required within 20 feet vertically & horizontally of a walking surface.
ACTION: Contractor to demonstrate compliance to specifications.

REPORT BY: KELVIN PATEL (CD)

Kelvin Patel

Digitally signed by Kelvin Patel
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Date: 2017.05.12 18:47:31-05'00'

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