

## Field Report

**Dated 7-8-2016**

**Project:** Park Danforth New Residence Wing  
**Project #:** 3422  
**Date/Time:** Friday July 8, 2016 9am  
**Participants** Paul Becker (BSE), Ken Theriault (PC)

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Visited the site to review the existing structure in the vicinity of the A5 Line by the exterior “knuckle” in the building. Earlier in the week the fifth floor balcony column at A5 Line became free during erection and fell to the ground, striking the foundation at the prominent building corner at the intersection of A and E lines. The top of the foundation wall was spalled due to the impact.

It is my understanding in speaking to Ken that the column-to-column erection clips had not been installed at the time of the incident. The internal backing bar sleeve of approximately 1.5” in length was tack welded to the lower column and served as the mechanical connector between the lower and upper column tier. During erection the column became out of plumb and popped off of the sleeve, falling to the ground.

I did not observe any damage to elevated structural components of the building. The only observed damage was to the top of the foundation wall. Columns being erected at A1 line during my visit were using the erection clips.

I recommended to Ken that column-to-column field welds be completed to the greatest extent possible to ensure column stability prior to removal of the erection clips. He relayed this info to Davis Erectors.



**Location of Foundation damage  
at the intersection of A and E  
Lines**



Close up of foundation wall spall

Please refer to below sketch for repair recommendations.

