

**Client:** S.W. Cole Engineering, Inc.**Report:** 012**Project:** Park Danforth Renovations and Additions**SWCE Project #:** 14-0065.2**Date:** May 11, 2016**Subject:** Structural Steel Site Inspection

We visited the site on this date as requested to continue structural steel inspections on the New Building Area C portion of the Park Danforth Renovations and Additions project located at 777 Stevens Ave. in Portland, ME. Upon arrival we met with the project superintendent for PC Construction. Structural and erection drawings were used to perform our inspections. Inspected at this time was the Roof framing from 1 to 6.5. Our actions and observations were as follows:

- All loose bolts on Level 3 framing previously reported were properly tightened.
- All loose bolts on the patio framing at Level 1 previously reported were properly tightened.
- All Roof deck discrepancies previously reported were corrected.
- Layout, welding and fastening of the High Roof deck were inspected except two sheets were left out to allow us to perform ultrasonic testing.
- Bolting of the Roof and High roof framing was inspected.
- Bolting of the Roof Screen and Mechanical Dunnage framing was inspected.
- Visual inspection and ultrasonic testing were performed on the Roof and High Roof framing moment connections. Connections were tested in accordance with AWS D1.1. See the attached report for locations tested. Moment connections on High Roof framing on lines 1.8 and 2 only received visual inspections as the flanges were 1/4" thick. AWS does not recognize ultrasonic testing of material less than 5/16" thick.

All inspections performed above appeared acceptable in accordance to AWS, AISC, RCSC and contract documents.

The project superintendent as well as the erector foreman was notified of our findings.

**Inspector;** Michael Bump  
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