

**Client:** S.W. Cole Engineering, Inc.

**Report:** 009

**Project:** Park Danforth Renovations and Additions

**SWCE Project #:** 14-0065.2

**Date:** April 15, 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. Inspected at this time was the Level 4 framing from 1 to 6.5. Our actions and observations were as follows:

- Layout, welding and fastening of the composite deck were inspected.
- Layout and welding of the shear studs were inspected.
- Welding of the HSS brace frames was inspected between Level 3 and Level 5.
- Framing was inspected for overall conformance to drawings and details.
- Bolted connections were inspected.
- Layout, welding and fastening of the composite deck and shear studs on the Patio Framing at Level 1 were inspected.
- Welding of the WF beams to the foundation on the Patio Framing was inspected.

All inspections performed above appeared acceptable in accordance to AWS, AISC, RCSC and contract documents except as noted below:

1. Several loose bolts were noted.
2. One HSS brace frame was missing weld between Level 3 and 4 at D/3.
3. Bolts need to be tightened on the Patio Framing.
4. Some anchors were found to be missing on the deck support angles on the Patio Framing.

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

**Inspector;** Michael Bump  
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