

**Client:** S.W. Cole Engineering, Inc.  
**Project:** Park Danforth Renovations and Additions  
**SWCE Project #:** 14-0065.2  
**Date:** March 16, 2016  
**Subject:** Structural Steel Site Inspection

**Report:** 005

We visited the site on this date as requested for continuing 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 Level 3 framing. Our actions and observations were as follows:

- Framing was inspected for conformance to drawings and details.
- All bolted connections were inspected from line 1 to 11.
- Welding of the HSS brace frames was visually inspected from level 3 to 4 from line 6.5 to 11.
- Layout, welding and fastening of the composite deck were inspected from line 6.5 to 11.
- Layout and welding of the shear studs were inspected from line 7 to 11.
- Loose bolts on the Level 2 framing reported during our 3/7 inspection were properly tightened.
- All missing kicker angles on the level 2 framing noted in our 3/7 report were installed.

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

1. Kicker angles need to be added around the perimeter.
2. Bolts were found to be loose on several connections. These connections were marked with orange paint.
3. One HSS brace frame was found to be missing weld.
4. 19 shear studs still need to be added in the area inspected. All other shear studs inspected at this time were found to be acceptable

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

**Inspector;** Michael Bump  
CWI#07091231