

Client: S.W. Cole Engineering, Inc.
Project: Park Danforth Renovations and Additions
SWCE Project #: 14-065.2
Date: August 11, 2016
Subject: Structural Steel Site Inspection

Report: 017

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. Our actions and observations were as follows:

- Visual inspection and ultrasonic testing were performed on the CJP splices on the 8" STD pipe columns at A/1 and A/5 in accordance to AWS D1.1. See the attached report for locations tested.
- As requested by the Contractor we performed a visual inspection on the shop welding of the precast balcony support rings to the STD pipe column at all levels at A/1 and A/5.
- Plastic shims were added underneath all precast balcony planks that had a 1/8" or greater gap between the plank and the support ring. Gaps lesser than 1/8" will be filled with a substrate to be determined.
- Bolting of the cap plates of the 8" STD pipe columns to the roof framing at A/1 and A/5 was inspected.
- Welding of the galvanized lintels along lines 1 and 1.1 was visually inspected.

Inspections were also performed on the Level 1 framing at the Connector (Area B) steel. Our actions and observations were as follows:

- Framing was inspected for overall conformance to drawings and details.
- Columns were inspected for proper bearing and properly tightened anchor rod nuts.
- Bolted connections were inspected.
- Welding of WF beams to the foundation was inspected.
- Layout, welding and fastening of the composite deck were inspected.
- Layout and welding of the shear studs were inspected.

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

1. The precast balcony support rings at A/1 Levels 4 and 5 were not shop welded to the STD pipe column on two sides as required in section 6/S3.3. These plates will be field welded.

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

Inspector; Michael Bump
CWI#07091231