

Client: S.W. Cole Engineering, Inc.**Project:** 169 Newbury Street**SWCE Project #:** 16-0910**Date:** November 22, 2016**Subject:** Inspection of Field Weld**Report:** 003

We visited the site on this date as requested to perform structural steel inspections on the Luminato project located at 169 Newbury St. in Portland, ME. Upon arrival we met with the project superintendent for Landry French who provided us with structural and shop drawings which were used to perform our inspections. Inspected at this time was the 2nd Floor framing. Our actions and observations were as follows:

- Framing was inspected for overall conformance to drawings and details.
- Columns at the 1st floor level were inspected for plumb, proper bearing and properly tightened anchor rod nuts.
- Welding of the WF beams to the foundation was visually inspected.
- The beams to the stair B wall were field welded/anchored per RFI #41. Visual inspections were performed on the welds.
- Visual inspection and ultrasonic testing were performed on the moment connections at the 2nd floor that were welded at the time of this visit. Inspections were performed in accordance with AWS D1.1. See the attached report for locations tested.

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
CWI#07091231

ULTRASONIC TEST REPORT

Date: November 22, 2016

Report: 003

Client: S.W. Cole Engineering, Inc.

Transducer: 70 degree 2.25 mhz

Project: Newbury Street 16-0910

Ultrasonic Unit: Olympus Epoch 600

Address: Portland, ME

Test Method Standard: AWS D1.1

Welding contractor: American Aerial Services

Acceptance Standard: AWS D1.1 table 6.2

Description of Joint: Butt

Material: ASTM A992

Weld Identification:	Acceptable	Rejectable	Transducer Angle	From Face	Leg 1-2-3	Indication Level				Defect			Distance	
						A	B	C	D	Length	Angular Distance (sound path)	Depth from "A" surface	"X"	"Y"
2nd Floor Moment Conn.s														
D/"4.25"	X		70	A	1-3		62							
D/"4.5"	X													
D/"4.75"	X													

Remarks: All field welded connections were tested at each location listed above. Top and bottom flanges were tested at each connection listed.

Technician: **Michael Bump** Level: **II**