

Client: S.W. Cole Engineering, Inc.**Project:** 169 Newbury Street**SWCE Project #:** 16-0910**Date:** November 8, 2016**Subject:** Inspection of Field Weld**Report:** 001

As requested a site visit was made on this date to perform visual inspection and ultrasonic testing of a field weld.

The weld in question was a spliced section to extend an embedded plate at first floor location D.3/5 (reference RFI #39). There was no field sketch available. We were advised that a complete penetration weld was required (see photograph below).

Qualification documents for the welder who performed the work were reviewed and found acceptable.

The weld was visually acceptable per AWS D1.1 visual acceptance criteria.

Ultrasonic testing indicated a through thickness weld of approximately .750" had been obtained. No internal defects were apparent.

Please note that this was an open root joint and therefore per AWS D1.1 could not be considered a complete penetration weld as there was no backing used and no access for backgouging.

The weld appears to meet the intent of the EOR. The superintendent and erector were advised of our observations.



Inspector; Neal J White
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