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## MEMORANDUM

Date: Jun 19, 2015  
Project: 660 Forest Avenue, Portland, ME  
From: David Tetreault  
Subject: Structural Review of Proposed Renovations

I reviewed the structural modifications proposed at 660 Forest Avenue and have completed calculations to verify that the modifications are in conformance with the structural provisions of IBC/2009.

Structural modifications consist of the following (see A-1 for locations):

**Relocation of a steel column supporting a steel beam at the rear of Bar 106**

It is proposed to relocate the existing steel column 3'-11" towards the interior of the building so that it is at the center of Bar 106. This relocation is structurally acceptable. A new footing matching the existing footing must be placed at the new column location.

**Removal of wall beneath a steel beam located within Kitchen 100**

The existing wall is a non-bearing wall and can be removed. However, it is likely that steel column(s) are present in the wall. The steel columns must not be removed or relocated without further inspection and structural analysis.

**Support of a new kitchen hood and roof top fan**

It is structurally acceptable to install a new kitchen hood weighing 715 pounds and a roof top mounted fan weighing 225 pounds supported by the existing 2x10 roof joists.

Please contact me if there is any question or if new information is discovered during demolition.

