



CIVIL & STRUCTURAL ENGINEERING

424 Fore St., Portland, ME 04101 Phone 207.842.2800 Fax 207.842.2828

May 9, 2014

Anne Callender  
Whipple-Callender Architects  
136 Pleasant Avenue  
Portland, ME 04103

Re: Watt Renovation  
Portland, Maine

Project Number: 14-027

Dear Anne:

I met with Ray Keith at the site to discuss temporary support options during the proposed beam installation. We also discussed a steel beam option for the kitchen beam versus the LVL wood beam we originally specified. Per my discussion with Ray on site please find below the options for temporary support and a steel option for the kitchen header (approx. 10 ft. long).

Temporary supports can either be a 1 3/4"x11 7/8" LVL on both sides of the kitchen wall (as discussed in the field) or a C8x11.5 steel channel on both sides of the kitchen wall. The LVL option will need a minimum of six (6)-5/16" dia. RSS GRK screws at each end of each LVL support member.

The steel option for the kitchen header is a W8x15 steel beam.

Please note that Casco Bay Engineering did not analyze any other portion of the building not mentioned above.

Please contact us if you have any additional questions or concerns.

Sincerely,

Eric Dube, P.E.  
Casco Bay Engineering