



PINKHAM & GREER

CONSULTING ENGINEERS

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Mr. Nick Adams  
City of Portland  
389 Congress St.  
Code Enforcement Office  
Portland, ME 04101

May 05, 2011  
File: 11319

RE: Bellucci Residence Bay Street

Dear Nick:

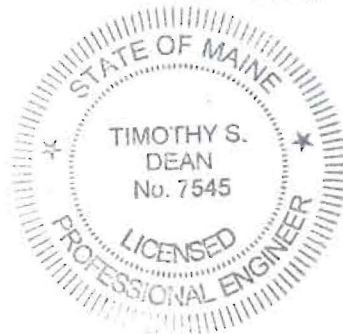
North East Construction Systems requested Pinkham & Greer to provide engineering services to resolve a discrepancy in the constructed walls from the approved construction documents. We visited the site to observe the existing framing and have reviewed the as built wall framing for the house for compliance with the 2003 IRC building code.

The exterior walls are framed with 2x6 studs at 16" on center supporting one floor with center bearing and a roof. The span is 28'. There are three header sizes used for openings: (3)2x12 at the garage doors, (3)2x8 at the slider to the deck and (3)2x6 at the various windows.


We have analyzed these headers in accordance with AF&PA/NDS and found them all to be acceptable with the exception that the required bearing length at the slider will require the addition of a 2<sup>nd</sup> jack stud on each side.

We trust this letter and analysis of the wall framing meets your needs for amended construction documents in order to release the stop work order on this project. Please advise us if any additional requirements are necessary.

Thank you for working with Pinkham & Greer to ensure a safe construction project.



Sincerely,

  
Timothy S Dean, PE  
PINKHAM and GREER