L & L STRUCTURAL
ENGINEERING SERVICES, INC.
Six Q Street
South Portland, ME 04106

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CITY OF PORTLAND, MAINE · RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 09/22/17

August 2, 2017

Jeffrey Eastment
9 Scitterygussett Drive
Falmouth, Maine 04105

Subject: Residential Building – located at 13 Fernald Terrace, Portland, Maine

Dear Jeffrey,

As per your request we have reviewed the structure indicated on the drawings "Foundation and First Floor Framing Plan"; "Second Floor Framing Plan"; "Roof Framing Plan"; "Section A-A or Plan No. 5"; "Detail at Basement Beam"; and "Section 1" through the steel beam prepared by Jeffrey Eastment dated 26th July, 2017 for the proposed dormer addition and interior bearing wall openings in the building located at 13 Fernald Terrace in Portland, Maine. The purpose of our review was to analyze and design the roof framing for the roof dormer addition and the associated supports, the second floor structural steel and LVL beams above the proposed openings in the existing interior bearing walls and the associated supports, and the posts/columns and footings to support the structural loads generated by the second floor and roof modifications only. We are not reviewing, analyzing and/or designing any other unaffected portions of the building, the existing foundation, nor the existing lateral load resisting system for the building. Our analysis utilized the 2009 IRC International Residential Building Code adopted by the City of Portland, Maine. In addition, our analysis considered the latest edition of the NDS National Design Specification for Wood Construction published by the National Forest Products Association and the Manual of Steel Construction published by the American Institute of Steel Construction.

The proposed structural design meets or exceeds the code stipulated design requirements, is acceptable to support the anticipated structural loading, includes modifications as directed by our office, and is in general compliance with our structural design concept.

If you have any questions, please do not hesitate to call.

Sincerely,

L&L Structural Engineering Services, Inc.

Joseph H. Leasure, P.E.
cc: File

STATE OF MAINE
JOSEPH H. LEASURE
No. 6242
LICENSED
PROFESSIONAL ENGINEER