

**MacLeod**  
Structural Engineers, PA

October 26, 2017

Ms. Karen McKinney  
45 Park Street Unit #5  
Portland, Maine 04101

Re: 30-32 Elmwood Street Portland, Maine  
Exterior 2<sup>nd</sup> floor fire escape inspection

Dear Ms McKinney:

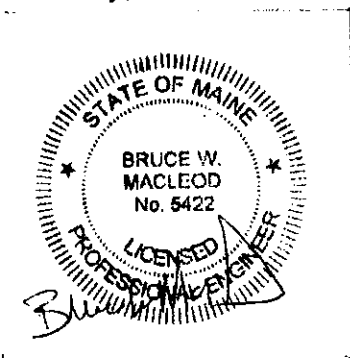
At your request, I visited your property at 30-32 Elmwood Street Portland, Maine for the purpose of inspecting the existing exterior 2<sup>nd</sup> floor fire escape. This letter is a report of my findings.

The fire escape is a steel structure that exists on the right hand side of the building, near front corner. The fire escape is located just outside of an existing second story egress window. The fire escape has a level platform approximately 3ft x 5ft, that is constructed from steel bar grating and is supported by two steel angle knee braces. The platform has a guard rail on two sides and stairs leading downward on the third side (facing to the rear of the building). The stairs consist of four steps and have railings on both sides. At the bottom of the stairs (which are approximately 10ft above ground level), there is a steel ladder which provides access to the ground level.

The fire escape is comprised entirely of steel, and is painted black. The fire escape is in sound structural condition, and appears to be adequately attached to the building with a reasonable quantity and size of bolted connections. There is the presence of some flaking of the paint, and surface rust. I recommend that the fire escape be professionally cleaned of any flaking paint and rust, and be professionally painted with a durable enamel type paint appropriate for exposed steel.

Thank you for the opportunity to be of service to you in this matter. If you need additional assistance, please contact me at anytime.

Sincerely,



Bruce W. MacLeod, PE, MASCE

404 MAIN STREET

GORHAM, MAINE 04038

PHONE (207) 839-0980

FAX (207) 839-0982