



October 19, 2015

Mr. Dana Swenson
114 Noyse Street
Portland, ME

Reference:
Existing Fire Escape Evaluation/Certification
114 Noyse Street
Portland, ME

SI Inc. Job #15-0196

To whom it may concern,

As requested I am writing this memo regarding the three-story fire escape at the above referenced site. The opinions expressed herein are based on visual observations during our visit to the site and our knowledge of structures, their components, and the related building codes. Architectural/life safety conditions are not included in this report. No warranty expressed or implied, as to the condition of the structure, is intended.

The fire escape is constructed of typical steel framing with 3/8" plate stringers to the third story, supporting steel treads. Intermediate angle brackets support the stringers along the stair, as well as a third floor landing.

Overall, the fire escape appeared to be adequately-built for the code-required loading, except for some excessive deflection observed in the lower section of the stair. This was due to loose wall studs or inadequate support of one of the angle brackets. The contractor has successfully installed an additional angle brace per our sketch and it appears to have alleviated the issue.

Some corrosion was also observed, but did not appear to be sufficient enough to compromise the integrity of the structure. We recommend periodic observation to monitor bolt heads and connections for damage, which could potentially affect the integrity of the structure. We also recommend cleaning and painting the framing to prevent further corrosion.

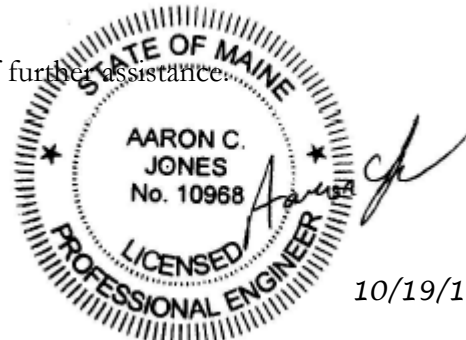
With completed repairs we certify that the fire escape is in good condition and is structurally sound for use as an emergency exit.

Do not hesitate to call with any question, comments, or if I can be of further assistance.

Sincerely,

A handwritten signature in green ink that reads "Aaron C. Jones".

Aaron C. Jones, P.E., SECB
President



10/19/15