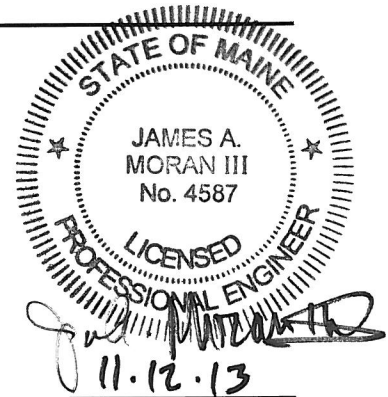


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MEMORANDUM

TO: Building Inspection Dept., City of Portland
FROM: James A. Moran III, PE
DATE: 11-12-2013
RE: 46 Avon Street, Portland
FILE: 13368



of Pages (including this one): 1

At the request of Owner Tim Follo we reviewed the new stair construction at the 46 Avon Street address, specifically the connections of the stair stringers to the landings.

The stair is two flights- one from grade to a mid-landing and one from the mid-landing to the second floor level. The stringers were connected to the landing framing with Simpson flat strap anchors acting as a hanger-type connection.

We performed some calculations and designed a different connection detail. It uses a header installed flush with the stair stringers and the stair stringers are connected to the header with either Simpson stair stringer hangers or Simpson framing angles (where the hangers will not fit).

A sketch showing the connections was provided to Mr. Follo for construction of these modifications.

Please contact us if there are questions.