



STRUCTURAL
NOTE

C-1

Pam Stone <pcbstone@gmail.com>

358 Danforth Street, Portland, ME-Exterior Rear Deck-Revision

3 messages

Joseph Leasure <jleasure@ll-eng.com>
Reply-To: jleasure@ll-eng.com
To: PCBstone@gmail.com

Wed, Oct 15, 2014 at 2:20 PM

Hello Pam,

Please confirm that you have received this email correspondence as am not sure that this is the correct email address. As per your request, we reviewed the feasibility of revising the first floor (second level) deck from 15'-0" wide to 17'-0" wide which creates a 6'-0" cantilever (6'-7 1/4" from center of 8x8 post to north side of the deck) as opposed to a 4'-0" cantilever (4'-7 1/4" from center of 8x8 post to north side of the deck) indicated on the original design drawings. As we understand, the revision is to allow access to the existing window opening in the exterior masonry wall which shall become a door opening (without widening the existing masonry opening – please confirm) utilizing the existing lintel above the masonry opening.

The revision is acceptable as long as the 4-2x12 beam is continuous (approx. 17'-0" long) and the connection to the 4-2x12 beam to the northernmost 8x8 post is modified to include 6 - 5/8" diameter HDG (hot dipped galvanized) thru bolts as opposed to 4 thru bolts indicated on the original design drawings by installing a third set of two thru bolts at the center of the 6 1/4" dimension shown in Detail A/S2. There shall be additional 2-2x10 @16" o.c. long span joists and additional ledger against the existing masonry wall installed to support the additional 2'-0" of deck. In addition, the spacing of the guardrail posts on the eastern edge of the first floor (second level) deck shall be revised to 5'-8" maximum spacing (as opposed to 5'-4" maximum) to create three wider spaces. All remaining structural components are acceptable as indicated or shall be modified as indicated on the original design drawings.

Please do not hesitate to call with any questions.

Best,

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