

RJB, P.E., P.A.

C-0269

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November 20, 2018

Harnett County Building Inspections
P.O. Box 65
Lillington, NC 27546

REF: "I" Joist Layout Inspection
3330 Maplewood
Carolina Lakes S/D
Michael Ryan Homes, Cont.

Dear Sir/Madam:

I made an onsite visit to the residential building site on November 20, 2018. The purpose of the visit was to examine the placement of the "I" joist. The "I" joist layout on the plans by the Architect are adequate but the layout by Rempszill Building Materials is sufficient as well. Also during my visit I inspected the "I" that was cut out at one end for the passage of a sewer waste pipe. The "I" joist was severally altered, however because of its location, adjacent to the exterior wall, very little load will actually be placed on the joist at this location.

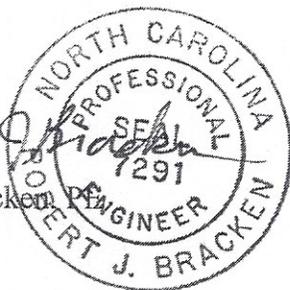
The layout of the "I" joist from Rempszille and the altered "I" joist will support the dead and live loads which will be applied and meet or exceed the requirements as specified by the NC State Residential Building Code, 2012,ed.

If you have any questions please feel free to call me at 919-774-6074.

Sincerely,



Robert J. Bracken



RJB:jeb