

**David P. Ainsworth, P.E.**  
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January 24, 2020

Mr. Kevin Perrin  
McBee Custom Homes LLC  
307 SE AA Hwy  
Blue Springs, MO

Re: 1105 NE Goshen Ct  
Lee's Summit, MO  
Monticello Lot 82

Dear Mr. Perrin:

At your request I inspected the above referenced property on January 24, 2020, and reviewed two framing issues raised by the Building Inspector.

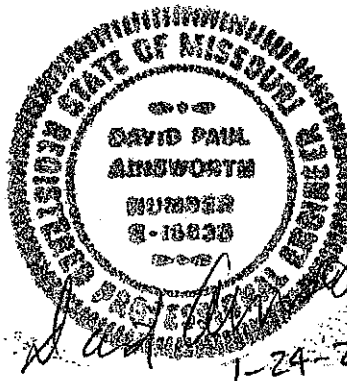
The first issue dealt with support of the roof framing over Bedroom 2 at the front of the house. Roof framing was braced to double 2x10's that cantilevered out from a load bearing wall at the rear of the bedroom closet over the front wall of the closet. This wall can also be a load bearing wall as it runs perpendicular over the floor joists below. This results in the double 2x10's cantilevering roughly 3' beyond the front wall of the closet. The double 2x10's are capable of supporting the load as framed and the roof support framing in this area is structurally sound.

The second issue also dealt with roof framing support but this was in the area above a bathroom and bedroom on the west end of the house. In this area triple 2x12's spanned about 18' between supports and the imposed load from roof and ceiling was more than the triple 2x12's could adequately support at that span. To correct this situation you should provide solid support in the wall between the bathroom and the bedroom to support below. This will reduce the span sufficiently to allow the triple 2x12's to support the imposed roof and ceiling loads.

Cordially,



David P. Ainsworth, P.E.



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