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August 10,2006

Mr. Robin Newlin
Wendricks Truss, Inc.
W5728 Old U.S. 2 Rd. 43
Hermansville, MI 49847

SUBJECT: Bottom Chord Bracing
Dear Mr. Newlin:

MiTek 20/20 truss designs may specify bracing requirements for the bottom chord of the truss. This bracing may be provided for by gypsum sheathing if the following criteria is met (TPI-95 section 10.1.4.6 (b)):

“When the bottom chord member of a truss with the ratio of depth to thickness based on nominal dimensions, not exceeding 5 to 1, is spaced no more than 2 feet on center, is braced throughout its length by gypsum not less than ½ inch thick, and is installed directly to the bottom chord of the truss in accordance with the manufacturer’s recommendation, $F'b = Fb^$.”*

“Gypsum should be installed with the long direction perpendicular to the bottom chord for trusses spaced a maximum of 24 inches on center, For trusses spaced a maximum of 16 inches on center the orientation of the gypsum is not regulated.”

The “5 to 1” requirement is met by bottom chords that are 2x10 or smaller.

If you have any questions please don’t hesitate to contact me.

Sincerely,

Scott Miller
Chief Engineer

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