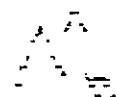
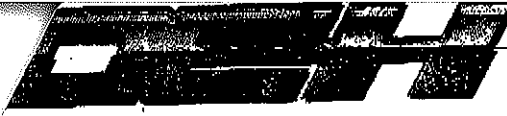


IN THIS PICTURE THE TRUSS HAS LIFTED OFF THE TOP PLATE. THE SLOTTED TRUSS CLIP ALLOWS THE VERTICAL MOVEMENT OF THE TRUSS. THE SHEETROCK ON THE CEILING IS NOT NAILED WITHIN 16\" OF THE CORNER, THEREFORE THE CORNER DOES NOT RAISE WITH THE TRUSS. THE DEADWOOD ACTS AS A STOP FOR THE SHEETROCK IN THE CORNER. DEADWOOD SHOULD BE LOCATED BETWEEN THE TRUSSES BUT NOT ATTACHED TO THE TRUSSES. IF THE SHEETROCK IS ALREADY IN PLACE, THE SHEETROCK NAILS NEED TO BE LOCATED AND REMOVED.

FLOATING SHEETROCK CORNER





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Job No. 06-04-127

March 14, 2007

Tom Klemcke  
Lennar Homes  
12301 Research Blvd. Ste. 100  
Austin, TX. 78759

Re: Ceiling Sheetrock Repairs

Mr. Klemcke:

In recent months there has been a large number of newly constructed homes in the San Antonio and Austin area that have experienced foundation movement in excess of what is normally expected. We believe the foundation movement is the result of a dry summer and very wet December and January. The end result of this foundation movement is cosmetic distress in the superstructure being supported by the slab-on-grade foundations. Homes constructed with truss roofs have shown that the foundation movement will cause the roof trusses to sometimes lift off of the interior walls. This results in a separation between the ceiling sheetrock and interior wall sheetrock. Rather than just re-taping and texturing the damaged sheetrock, we recommend the following repair procedure:

- Verify that the trusses are attached to interior walls with a slotted clip. The slotted clip allows vertical movement of the roof truss.
- Attach the sheetrock of the ceiling within no closer than 16-inches of the interior wall.
- For existing homes, either cut the sheetrock back and reinstall without nailing the sheetrock within 16-inches of the wall or remove the existing nails within 16-inches of the wall. Use deadwood on top of the interior walls to act as a stop for the sheetrock of the ceiling. See attached detail.

The method described will repair the existing sheetrock damage and help to prevent future damage should the foundation experience movement additional movement.

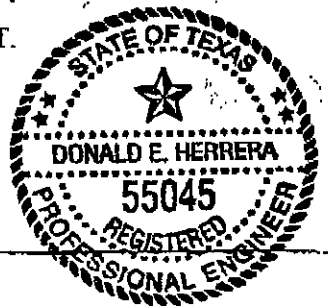
Please call if you have any questions.

Sincerely,  
DEH Structural Engineering

  
Chester L. Spaulding III, E.I.T.



Donald E. Herrera, P.E.  
President



3/14/07