



## Parting Shots

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The custom-built home pictured above is located in Long Prairie, MN. Brett Hiebert, Design Manager at two-year old Trussworthy Components of Pine River, MN played a unique role in the process. Not only did he design the roof and floor trusses, but he also acted as the draftsman. "I designed this house from scratch with my friend Shawn Ward," said Hiebert. "He had some ideas on what he wanted, and together we came up with a scenario that was possible." Hiebert performed all of the CAD work and drawings for the local inspectors and estimators for the job.

The design called for clearspan trusses because the homeowner wanted to be able to place internal walls anywhere at a later date. The roof incorporates a three-vault barrel system, two of which come together



in an inverted fashion. "A lot of math/trigonometry was involved in this design," commented Hiebert. The project took about eight weeks to complete, and the finished product was a distinctive 4,744 sq. ft. home.

Hiebert, who has been designing trusses for five years, said that this project pushed the envelope of truss design. "This was definitely one of the more complicated designs I've ever done," commented Hiebert. "I always enjoy a challenge, but at first thought I might have bit off more than I could chew." But Hiebert rose to the occasion, and can now proudly say he was successful in creating a roof with two converging sets of radius trusses, a rare and satisfying accomplishment. **SBC**



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