

BSC Information Sheet 704

What's Wrong With This Project?
Site-Made Beam



Examples of site-made beams

Issue

Site-made beam made by laying framing lumber down on the flat and building it up.

Description of Implementation Error

All interior beams in the building were site-made.

Risks

Had Advanced Framing techniques been used an overall savings of approximately \$2,000 per building would have been realized. The money could have been available to improve other building components to make them more energy efficient in addition to increasing the builder's profit margin and improving the marketability of the product.

Required Corrections

Use a single or double LVL instead and Advanced Framing techniques.

References

BSI-030: Advanced Framing¹

¹ Lstiburek, Joseph. (February 2010). "BSI-030: Advanced Framing." Building Science Corporation, <http://www.buildingscience.com/documents/insights/bsi-030-advanced-framing/>. Accessed January 7, 2011.