

BSC Information Sheet 708

What's Wrong With This Project?

Interior Wall at Exterior Wall



- Interior wall at exterior wall connection



- Ladder blocking should have been used at the interior wall at exterior wall connection

Issue

Interior wall at exterior wall connection.

Description of Implementation Error

Six unnecessary studs are used to provide this connection.

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

A ladder blocking strategy should have been used for the interior and exterior wall connection.

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.