# **BSC Information**

## What's Wrong With This Project? Interior Framed Beam



 Interior framed beam; note the cripple studs are not required above the beam/below the windows

#### Issue

Sheet 705

Horizontally layered site-made beam.

#### **Description of Implementation Error**

Typical construction throughout the house.

### 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 an engineered LVL instead and Advanced Framing techniques.

#### References

BSI-030: Advanced Framing<sup>1</sup>

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.

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