

10th Annual Codes Conference Workshop

Mr. Ethan Collier, President and CEO of Collier Construction

ENVIRONMENTALLY FRIENDLY DEVELOPMENT: GREEN CONSTRUCTION

- TOPICS COVERED

- History and progression of traditional framing
- Advanced framing
- The How-To's of advanced framing
- Common mistakes in advanced framing
- Residential Construction Waste Recycling
- Trends in Green Construction

- COURSE DESCRIPTION:

This course is divided into 2 sections: Advanced Framing and Construction Waste Recycling.

Part I: Advanced Framing:

In the Advanced Framing section, Mr. Collier will discuss the history of conventional framing. This discussion will address the progression of framing techniques from log cabin framing to conventional framing, and how the next logical development is advanced framing practices.

In this section, Mr. Collier will describe how the home functions as a whole system, how the system components work together, and how framing is a vital part of the system. Participants will learn the basic how-to's of advanced framing, code compliance, and how advanced framing creates a better insulated wall, and thus, a better product.

Lastly, participants will learn the common problems when transitioning to advanced framing techniques. Mr. Collier will provide a list of common mistakes, how these mistakes can be avoided to save time and money.

Part II: Residential Construction Waste Recycling:

In the Residential Construction Waste Recycling section, Mr. Collier will discuss the reasons behind recycling construction waste. This section highlights the amount of waste that can be diverted from landfills.

Participants will learn about the process of recycling homes, and how waste can be recycled and reused on the project site. Mr. Collier will detail the cost of demolition and recycling, as well as provide a case study on two Chattanooga homes that were recycled in December of 2007.

Lastly, Mr. Collier will discuss the future of construction waste recycling as well as other green construction trends, providing examples and anecdotes from personal experience practicing green construction.