

Timothy J. Allison

Licensed Professional Engineer in the States of Texas, Oklahoma, New Mexico, Utah, Kansas, Nebraska, Missouri, and Illinois

Education:

University of Illinois at Urbana-Champaign, College of Engineering
Master of Science in Structural Engineering, August 2002
Bachelor of Science in Civil Engineering, December 2000

Edwardsville High School, June 1997

Work Experience:

November 2007 to Present

STRUCTURAL FRAME ENGINEER
iLevel by Weyerhaeuser: Henderson, CO

- Provide technical support for our Colorado, Utah, New Mexico, Nebraska, Kansas, Missouri, Illinois, Iowa, and Kentucky markets, being knowledgeable on local codes and issues to properly provide assistance
- Continue to be involved in the residential markets in Texas and Oklahoma by supporting our Carrollton office as needed
- Performed in a supervisory / managerial role for one EIT and one intern
- Provide all services mentioned for the Carrollton position but for the new market, including training, field investigations, software testing, and resolution of field issues
- Involved with ASCE 7 committees to aid in the standard development process and be a leader for Weyerhaeuser on changes and usage of the standard
- Active in green building issues and developments, particularly with respect to residential construction, and serve as an expert for our markets

January 2006 to November 2007

STRUCTURAL FRAME ENGINEER
iLevel by Weyerhaeuser: Carrollton, TX

- Provided technical support for Texas and Oklahoma for all Weyerhaeuser engineered wood products
- Trained designers and technical associates to be self-sufficient in understanding design issues related to residential construction
- Presented to architects, engineers, and building officials on general code issues and specific design aspects of Weyerhaeuser products
- Tester for most iterations of Javelin™, a proprietary whole-house design software

- Responsible for managing engineering issues in the San Antonio-Austin region
- Investigated issues with lived-in houses in San Antonio, TX and Frisco, TX to determine basis of problem and provide report stating results pertaining to the company's products
- Resolved numerous other field issues that satisfied the interests of the builder, designer, and associated tradespeople
- Designed engineered wood products and building systems for hundreds of homes throughout Texas

August 2002 to December 2005

ENGINEER-IN-TRAINING

Trus Joist, A Weyerhaeuser Business: Charlotte, NC

- Provided nationwide technical support for the Classic Glulam® product to architects, engineers, and builders. Includes new design of various structures, evaluation of field issues, and offering technical information
- Co-developed methodology for Classic Glulam® columns and beams
- Created training manual for the Vaughn laminating plant
- Provided regional technical support for Mid-Atlantic, North Central, Southern, Northwest, Rocky Mountain, and Southwest regions
- Provided audits of Truss Chord manufacturers
- Investigated product quality issues in Quebec, Canada and Charlotte, NC
- Developed testing procedure and executed two-month long research period for the Trus Joist Performance Plus® Panels
- Developed spreadsheet to evaluate STC & IIC values for given floor/ceiling assemblies

Work Honors:

- Innovations leader for Trus Joist, January 2003 through June 2003
- National Associate of the Month for Trus Joist, November 2005

Organization Involvement:

- American Society of Civil Engineers
 - Associate Member for ASCE 7 Wind Load Subcommittee
 - Voting Member for ASCE 7 Snow & Rain Loads Subcommittee
- American Wood Council
- American Institute of Timber Construction