



## Beau Menard <sup>PE</sup>

### Senior Managing Engineer

**Department**  
Engineering

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**Email:** beau.menard@yaeservices.com

**Locations**  
Charlotte, NC

## Biography

Beau Menard has been involved with building and construction for most of his life. His father was a Professional Land Surveyor, and he would often work with him around job sites. While attending Penn State University, Beau worked on a construction crew building log homes in the summer as well as interning as a designer under the guidance of Professional Engineers. After receiving his master's degree, Beau worked as a design engineer and draftsman at a small structural design firm in Charlotte, North Carolina. Beau worked with architects and developers designing low to mid-rise building out of steel, concrete, masonry, and wood. For the past nine years, Beau has worked as an engineering consultant specifically focused on forensic investigations. Working with insurance companies, attorneys, business owners, and homeowners, Beau has helped bring hundreds of cases to resolution. Beau has also served as an expert witness in legal matters providing sworn statements and witness testimony.

## Education

- The Pennsylvania State University | State College, PA  
Masters of Architectural Engineering - Structural Option
- The Pennsylvania State University | State College, PA  
Bachelors of Architectural Engineering - Structural Option

## Professional Experience

- 2021 - Current | Senior Regional Supervisor | YA Engineering Services
- 2020 - 2021 | Senior Project Manager | YA Engineering Services
- 2011 - 2020 | District Manager/Consulting Engineer | Engineering, Design, & Testing
- 2007 - 2011 | Structural Engineer/Draftsman | Moore Lindner Engineering

## Areas of Practice

- ADA Compliance Assessment
- Building Code Upgrade Review
- Building Envelope
- Condition Assessment
- Construction Administration
- Damage Assessment
- Earthquake Engineering
- Failure Analysis
- Repair and Rehabilitation Design
- Repair Cost Estimating
- Roofing
- Structural Analysis
- Sustainability
- Water Leakage Testing and Analysis

## Representative Consulting Assignments

- Commercial Building | \$1M  
Asheville, NC | Evaluation of building collapse that was under renovation
- Warehouse Building | \$1.2M  
Gastonia, NC | Analysis of building collapse during a snow/ice storm
- Apartment Complex | \$1.5M  
Nashville, TN | Evaluation of roof damage
- Residential Dwelling | \$50K  
Raleigh, NC | Evaluation of displaced floor framing
- Residential Dwelling | \$10K  
Charlotte, NC | Evaluation of roof leak
- Apartment Complex Common Building | \$1M  
Clemson, SC | Evaluation of floor collapse
- Pedestrian Walkway Collapse | \$2M  
Raleigh, NC | Analysis of collapse of two pedestrian walkways that were under construction

## Licenses

- Georgia | 36955 | Professional Engineer
- North Carolina | #36946 | Professional Engineer
- South Carolina | #29488 | Professional Engineer
- Tennessee | #115446 | Professional Engineer
- Virginia | 402050051 | Professional Engineer
- West Virginia | 22338 | Professional Engineer