

## Nathaniel Haney | Forensic Structural Engineer, PE

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### Professional Summary:

Nathaniel is a licensed Civil Engineer in multiple states and has a broad range of experience in Civil Engineering, with experience in environmental and water quality engineering, forensic structural engineering, as well as residential and commercial construction. He has worked for coal mines in the Midwest, geotechnical and structural engineering firms from Florida to North Carolina, and residential and commercial contractors throughout the Southeast. He also has extensive knowledge of North Carolina and International Building Codes, as well as extensive experience analyzing and evaluating all major structure types.

Some of his specific areas of expertise are as follows:

- Forensic investigations of building structures
- Evaluations of insurance claims involving structural losses
- Evaluations of segmental block retaining wall systems
- Project management with for commercial construction

### Licenses and Certifications:

Professional Engineer, North Carolina, License #051525

Professional Engineer, Tennessee, License #124855

Professional Engineer, South Carolina, License #38950

Professional Engineer, Virginia, License #64334

Professional Engineer, Georgia, License #PE048435

Professional Engineer, Florida, License #94089

Professional Engineer, Texas, License #145904

Professional Engineer, Louisiana, License #PE.0047174

Professional Engineer, Alabama, License #51763

Professional Engineer, Colorado, License #PE.0063783

### Project Experience:

#### **Quality Environmental Services, Belmont, Ohio** **MSHA Impoundment Inspector, Marshall Co. Coal**

Nathaniel was a certified MSHA impoundment inspector and was responsible for weekly impoundment inspections of the Conner Run Dam, an 8-tier impoundment structure.

**Tierra Inc., Tampa, FL****Forensic Evaluation of potential settlement/collapse due to sinkhole**

This project involved the forensic evaluation of a structure in Dunedin, FL that was directly adjacent to a house that had recently been destroyed by a sinkhole. This evaluation involved subsurface exploration via hand augers and ground penetrating radar and an evaluation of structure for any relevant damage.

**ECS Limited, Asheville, NC****Construction of NCSSM Campus in Morganton, NC**

This project involved the complete construction of three (3) new structures, the renovation of four (4) structures, and the installation of a new elevated water storage tank for the School of Science and Mathematics. Various aspects of this project included reinforced concrete, earthwork, structural steel, structural masonry, deep foundations (H-Piles), EIFS, and fireproofing.

**Court Qualifications/ Depositions:**

Litigation CV available upon request.

**Professional Experience:**

EFI Global, Forensic Structural Engineer, 2021-Present  
ECS Limited, Project Manager, 2019-2021  
Lightning Restoration, General Manager, 2016-2019  
Tierra Inc, Forensic Structural Engineer Intern, 2013-2016  
Quality Environmental Services, Field tech & Supervisor, 2008-2013

**Education:**

Bachelor of Science, Civil Engineer, Ohio University, Athens, Ohio, 2013

**Affiliations:**

American Society of Civil Engineers (ASCE)  
National Council of Structural Engineers Associations (NCSEA)