



Mark T. Burns, PE, CFEI

EDUCATION

Bachelor of Science Degree in Civil Engineering, May 1997

Michigan Technological University, Houghton, MI

Concentration: Civil Engineering with a Structural Engineering Option

PROFESSIONAL LICENSURE & CERTIFICATIONS

Professional Engineering Licenses (PE) in the states of Colorado, Wyoming, Michigan, Wisconsin
Certified Fire and Explosion Investigator (Nationwide)

EXPERIENCE

- MB Structural + Forensics, LLC - Founder / Principal 2020-Present
- Spectrum Forensics, LLC - Principal Engineer 2017-2020
- Ponderosa Associates, Limited - Principal / Forensic Engineer 2009-2017
- Luke Studer Engineering - Structural Engineer 2007-2009
- Peak Engineering - Structural Engineer 2004-2007
- Reliance Building Company - Construction Estimator & Manager 2001-2004
- Fitzpatrick Structural Engineering - Structural Engineer 1998-2001
- Beckett & Raeder - Civil Engineer 1997-1998
- The Architect Forum - Draftsman / Structural Engineer 1996/1997

AREAS OF EXPERTISE

- Building Component Damage as a result of: Wind, Hail, Storm, Water Loss, Deterioration/Rot, Structural Failure, Vehicular Impacts
- Construction Defect & Building Envelope Issue Evaluation
- Construction Safety and Construction Accidents
- ADA & Building Code Issues, and Premises Liability or Injury Accidents (Related to Building Codes & Construction Issues)
- Construction Cost Estimating for Insurance Claims or Construction Defect Repair Valuations
- Fire & Explosion Investigations and Origin & Cause Determination
- Structural Assessment & Structural Engineering Repair Design of Fire & Explosion Damage
- Civil Engineering Site Design
- Structural Engineering Design of Commercial & Residential Structures and Components

EXPERT WITNESS TESTIMONY EXPERIENCE

- Qualified as a Civil & Structural Engineering Expert in State & US District Courts in Colorado and Wyoming