

JESSE W. CURTIS, P.E.

SUMMARY

Mr. Curtis is an established engineer with over 11 years of experience in the design and inspection of a variety of structural engineering projects. He has conducted forensic engineering work related to structural damage evaluations, structural collapse and/or failure investigations, evaluation of construction defects, roofing system evaluations; cause, nature and extent of damage, wind, hail, and fire; as well as forensic engineering work related to moisture source evaluations of roofing systems and exterior wall cladding; cause, origin, and duration.

Mr. Curtis has performed structural evaluations for commercial and residential buildings as well as equestrian/pedestrian bridges related to areas of reported distress or damage. In addition, he has observed field conditions, evaluated structures, determined the cause, origin, and duration of the conditions. He has also provided opinions as to the cause of the distress and recommendations for repair and/or replacement of structural components/systems, including structural repair, alteration, and renovation drawings for existing structures. He is also familiar with and conducted investigations with regards to Florida Threshold requirements for commercial structures.

Mr. Curtis has assisted on and performed roofing system evaluations on numerous roofing types; including, but not limited to three-tab, asphalt composition shingles; laminated composition shingles; clay and concrete tiles; built-up roofs, rolled roofing, thermoplastic single-ply roofs (TPO), thermoset plastic single-ply roofs (EPDM), metal roofs, wood shake roofs, and landscaped roofs.

EDUCATION

Bachelor of Science in Civil Engineering – University of Florida

REGISTRATIONS & CERTIFICATIONS

Registered Professional Engineer:

- Florida (#58889)

PROFESSIONAL ASSOCIATIONS

American Society for Testing and Materials (ASTM)

- Member
- Committee Member – DO8 Roofing and Waterproofing

CONTINUING EDUCATION

Additional courses and/or certifications completed in the following areas:

- Bridge Inspections
- Sinkhole Damage to Existing Buildings
- Structural Evaluation of Existing Buildings
- Pre-Engineered Wood Truss Repairs
- Evaluation and Repair of Concrete Structures
- Protecting Homes from High Wind

CAREER HISTORY

FORCON International – Structural Engineer

Providing forensic investigation analysis and expert witness services as it relates to his fields of expertise.

Curtis Consulting, Inc. – Principal
Engineering Consulting Firm.