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PROFESSIONAL SUMMARY

Jesse W. Curtis, P.E., is one of the founding principal structural forensic engineers of Florida Structural Forensics (FLSF). In addition, he is the owner of Curtis Consulting Inc. (CCI), an engineer-owned and operated structural forensic engineering firm with services throughout Florida. FLSF specializes in milestone structural inspections in accordance with Senate Bill 4-D, forensic property damage investigations, and expert witness testimony.

- 13+ years of experience (7+ years in Florida) in the design and inspection of a variety of structural engineering projects. Many of these projects involved forensic investigations.
- Authored 160+ structural forensic engineering/structural damage reports consisting of commercial and residential structures.
- Performed 30+ structural milestone inspections for condominiums in the state of Florida, satisfying the “Condo Law” established in 2023.
- Performed structural evaluations for commercial and residential buildings as well as equestrian/pedestrian bridges related to areas of reported distress or damage. Observed field conditions, evaluated structures, determined the cause, origin, and duration of the conditions. Wrote, signed and sealed engineering reports, and provided opinions as to the cause of the distress and recommendations for repair and/or replacement of structural components/systems.
- Produced signed and sealed structural repair, alteration, and renovation drawings for existing structures.
- 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 and hail.
- Forensic engineering work related to moisture source evaluations of roofing systems and exterior wall cladding; cause, origin, and duration.
- Roofing system evaluations have been performed 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, and landscaped roofs.
- Peer reviews of structural repair and alteration construction documents

EDUCATION

- Bachelor of Science in Civil Engineering, University of Florida, Gainesville, FL.

REGISTRATIONS

- Registered Professional Engineer: Florida Number 58889.

PROFESSIONAL ASSOCIATIONS/MEMBERSHIPS

- American Concrete Institute (ACI)
 - Voting member ACI 440, Sub-committee H – Fiber-Reinforced Concrete



CAREER HISTORY

- **Florida Structural Forensics, LLC (2022 – Current)**

- **Curtis Consulting, Inc. (2005 – Current)**

Owner of engineering consulting company providing forensic engineering services 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.

- **Walter P. Moore - Tampa, Florida. (2001 – 2005)**

As structural project engineer for this large, multi-state engineering firm specializing in large commercial construction projects, was responsible for all structural engineering design efforts, the supervision of the production of all design calculations structural documentation, assistance of establishing project scope, schedule, and budget, and for providing construction administration services.

- **March Adams & Associates, Inc. – Chattanooga, Tennessee (1998 – 2001)**

As structural project manager for this medium-sized, multi-discipline engineering firm specializing in small retail and commercial construction projects, was responsible for all structural engineering design efforts as well as oversight of the structural engineering department.

- **Bliss & Nyitray Consulting Engineers, Inc. – Tallahassee, Florida (1997-1998)**

As structural project engineer for this satellite office for the company based in Miami, Florida, was hired directly out of engineering school at the University of Florida to be the threshold inspector for a four-story parking garage topped with a six-story office building constructed with reinforced concrete/precast system. Assisted in the design and analysis for a major football stadium expansion constructed with structural steel and concrete. Responsible for preparation of construction documents and shop drawing review for multiple projects.