

# FORCON INTERNATIONAL

DREW LINDEMANN, PE

## SUMMARY

Mr. Lindemann is a Senior Project Engineer with over 26 years of engineering experience, which also includes forensics expertise in projects involving damage assessments, water intrusion, construction defects, collapse of structures, exterior insulating finish systems (EIFS), all types of building envelope failures or water intrusion, including glass curtainwalls, skylights, stone and panel systems, and translucent systems, foundation failures, site drainage, fires and explosions, and roofs. Over the years, Mr. Lindemann has acquired various skillsets in the design, field inspection and testing of building envelope systems, for all performance requirements. He also has extensive field inspection and forensic experience as it relates directly to the building envelope design, construction and performance including inspections for damage to building envelope construction due to wind damage vs. flood / storm surge damage, tornado damage, and earthquake damage. Mr. Lindemann is well versed in the following areas:

- Bulkheads
- Concrete Masonry
- Conventional Stucco
- Catastrophe Response
- Concrete Structures
- Commercial Buildings
- Construction Defects
- Curtainwall / Skylight Investigations
- Drone/UAS Investigation
- EIFS (Exterior Insulating Finishing Systems)
- Foundations
- Fires
- Groundwater Problems
- High Rise Buildings
- Medical/Healthcare
- Residential Homes
- Roofing
- Retaining Walls
- Storm Surge Damage Assessment
- Structural Steel
- Swimming Pools
- Site Drainage / Site Preparation
- Tilt Wall Panel Buildings
- Underground Piping
- Water Intrusion
- Windows
- Wood Structures
- Wind Damage Assessment

## EDUCATION

Bachelor of Science in Civil Engineering – Michigan Technological University; 1995

## REGISTRATIONS & CERTIFICATIONS

Registered Professional Engineer:

- District of Columbia
- Florida
- Louisiana
- Michigan
- Minnesota
- New Jersey
- Oklahoma
- Texas
- Washington

Remote Pilot In Command (RPIC)

UAS/Drone Inspections and Photography – Federal Aviation Administration (FAA)

## CAREER HISTORY

### **FORCON International – Structural/Civil Engineer**

Conducting forensic investigations and expert witness services as it relates to his fields of expertise.

### **A3 Services & ACE Engineering, Inc. – Senior Engineer**

### **Envista Forensics (formerly PT&C|LWG) – Large Loss Technical Lead**

### **Childress Engineering Services – Design Engineer, Project Manager & Consultant**

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**Engineered Glazing Systems – Design Engineer & Office Manager**

**Vistawall Architectural Products – Curtainwall Designer**

## **HIGHLIGHTED PROJECT EXPERIENCE BY TYPE**

### ***Hurricanes***

Responsible for the detailed inspection and investigation of commercial and residential projects for damages resulting from wind and storm tide/surge. (Hurricane Katrina, Hurricane Rita, Hurricane Ike, Hurricane Gustav)

### ***Curtainwall / Skylight Design***

Responsible for the design and field inspection of numerous large scale curtainwall projects throughout the United States. Work included assessment of architectural drawings to determine design intent, engineering design of all framing and anchorage, detailed drawings showing the adaptation of architectural concept to fundamental framing and anchorage design of curtainwall / skylight systems. Some sample projects include:

- Skywalk at One North Halstead (Chicago, IL)
- Shuster Performing Arts Center (Dayton, Ohio)
- Radio Shack / Tandy Towers (Fort Worth, TX)
- Colorado's Ocean Journey (Denver, CO)
- Dallas Convention Center (Dallas, TX)
- Frisco Mall (Frisco, TX)

### ***Commercial / Residential Design***

Responsible for the design and field inspection of numerous large scale commercial and residential foundation systems in the Dallas, Texas area.