

### David Cheyne | Senior Associate



#### EDUCATION

- University of Kwazulu-Natal
- Bachelor of Commerce, 1982

#### PRACTICE AREAS

- Failure/Damage Investigations
- Facade Assessment
- Coatings and Sealants
- Roofing and Waterproofing
- Repair and Rehabilitation
- Storm Damage Assessments
- Construction Administration
- Design-Build
- UAS Drone Inspections and Reality Modeling

#### PROFESSIONAL AFFILIATIONS

- ASTM International - F38 Unmanned Aerial Systems
- International Concrete Repair Institute

#### CONTACT

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#### EXPERIENCE

David Cheyne possesses more than thirty years of experience in the repair and rehabilitation of structures, general contracting, project management, and the general management of construction companies. His expertise with a range of building and infrastructure projects in challenging conditions in Africa enables him to assist WJE on complex projects.

Mr. Cheyne runs WJE's UAS (drone) and reality capture initiative. WJE has logged more than 10,000 flights, capturing more than 720,000 images and videos, flown by more than fifty WJE-FAA certified pilots.

#### REPRESENTATIVE PROJECTS

##### Failure/Damage Investigations

- City of Dayton - OH: City-wide evaluation of tornado damage
- Hurricane Harvey - Aransas County, TX: Storm damage assessment and repair design for hundreds of civil, commercial, and educational buildings
- Greenville Public School District - Greenville, MS: Storm damage assessment
- Condominium - Coral Gables, FL: Hurricane Irma damage assessment of roofing, facade, windows, doors, and glass balcony rails

##### Roofing and Waterproofing

- Cleveland City Hall - OH: Complete roofing membrane replacement, Copper replacement and repair, and granite repointing to fifth floor
- Cleveland Metro Parks, First Tee - OH: Condition assessment and recommendations
- Veteran Services Commission - Cuyahoga County, OH: Prepurchase condition assessment of new facility

##### Coatings and Sealants

- PNC Park at North Shore - Pittsburgh, PA: Stadium-wide replacement of seating bowl and concourse waterproofing elements
- The Ritz-Carlton - Fort Lauderdale, FL: Fenestration sealant replacement

##### Repair and Rehabilitation

- The Pennsylvania State University, Old Main - University Park: Condition assessment and design-build restoration of early 20th-century administration building
- West Side Market Clock Tower - Cleveland, OH: Historic restoration, terra cotta replacement and repointing, and clock repair and lighting
- West Side Market - Cleveland, OH: Vendor Station upgrade
- Cleveland City Hall - OH: Design-build complete facade repair and entrance rehabilitation
- PNC Park at North Shore - Pittsburgh, PA: Stadium-wide replacement of seating bowl and concourse waterproofing elements

##### Construction Administration

- Hurricane Harvey - Aransas County, TX: Construction phase services for multiple repair and rebuilt structures
- West Side Market - Cleveland, OH: CPP Transformer room upgrade
- Durban International Airport (formerly Louis Botha Airport) - Durban, South Africa: Internal renovations and retrofit \*

\* Indicates with previous firm