



EDUCATION

- Georgia Institute of Technology
 - Master of Architecture, 2022
 - Master of Science, Civil Engineering, SEMM, 2022
 - Bachelor of Science, Civil Engineering, 2019

PRACTICE AREAS

- Roof Assessment and Design
- Plazas and Terraces
- Building Enclosure Commissioning
- Building Enclosure Consulting
- Facade Assessment
- Leakage Investigation

REGISTRATIONS

- Architect in GA
- NCARB Certificate

CONTACT

rcornel@wje.com
770.923.9822
www.wje.com

EXPERIENCE

Robin Cornel joined WJE in 2022 and has participated in various building enclosure investigations, assessments, repair design, and construction administration projects. She has experience with various materials and systems, including brick, concrete, stucco, EIFS, metal panels, storefront and curtain wall glazing systems, roofing, waterproofing, and water-resistant barriers. Ms. Cornel also provides peer review and new construction building enclosure consulting and commissioning services.

Prior to joining WJE, Ms. Cornel gained experience in architecture and structural engineering working on new design mixed use architecture projects and new design horizontal and vertical structural projects. She also participated in a research project at Georgia Tech focused on the efficacy and lifespan of air-entrained bubbles in concrete.

REPRESENTATIVE PROJECTS

Roof Assessment and Design

- Center for Biophysical Sciences - Birmingham, AL: Low-slope roof replacement design for building with three additions and nine height-separated roof areas
- Civitan International Research Center - Birmingham, AL: Roof replacement design and construction period services
- Marco Beach Ocean Resort - Marco Beach, FL: Low-slope roof recover design for a high wind zone tower with significant rooftop equipment
- Ritz-Carlton Naples, Tiburon - Naples, FL: Condition assessment of existing steep-slope clay tile roof system

Plazas and Terraces

- Park Place on Peachtree - Atlanta, GA: Plaza deck investigation, design, and construction period services for full replacement of waterproofing system
- Ritz-Carlton Naples Beach Resort - Naples, FL: Fast-track design and replacement of front drive waterproofing and landscaping
- Azure on the Park - Atlanta, GA: Repair design for amenity deck plaza waterproofing

Building Enclosure Commissioning

- Children's Healthcare of Atlanta Hospital - GA: Building enclosure commissioning and consulting on new children's hospital and clinic
- EPA Facility - Athens, GA: Commissioning services for full-building renovation of lab facilities

Building Enclosure Consulting

- Briar Park - Atlanta, GA: Peer review and construction period evaluation services for multifamily development
- 1025 Spring Street - Atlanta, GA: Building enclosure consulting for condominium and apartment high-rise towers
- 1900 South Ocean - Palm Beach, FL: Peer review of enclosure design for residential property
- 1 Exchange Square - London, UK: Design and construction period services for expansion of existing office building

Facade Assessment

- Dream Hotel - Memphis, TN: Evaluation of feasibility for facade retention of existing mass masonry and glazed brick facade
- Ritz-Carlton Naples Beach Resort - Naples, FL: Evaluation and repair of damaged stucco claddings following hurricane flooding
- Ritz-Carlton Key Biscayne - Key Biscayne, FL: Condition assessment of existing stucco facades with recommendations for repair and replacement options

Leakage Investigation

- Student Apartment Building - Tuscaloosa, AL: Identification and repair of roof, facade, and terrace leakage issues on existing student apartment building
- Watts Building - Birmingham, AL: Evaluation and recommendations for leakage through historic terra cotta facade and window system
- Synovus Building - Columbus, GA: Investigation of causes of leakage through modern masonry cavity walls, curtain wall systems, and below-grade foundation walls