



AEC Services

 RIMKUS

Rimkus Overview

- ✓ National / Global Reach
- ✓ Professional Consultants Licensed Across Canada and in all 50 United States
- ✓ Experience in More Than 80 Countries
- ✓ Financial Strength
- ✓ Multi-Disciplined Team for Single-Source Solutions
- ✓ Recognized for Customer Service Excellence
- ✓ Invested in Technology for Increased Accuracy, Efficiency, and Effectiveness

Consultants. Experts. Innovators.

Our comprehensive services optimize the performance, maintenance, and repair of buildings, plants, facilities, and infrastructure.

We have expanded our reach and capabilities by adding new experts and companies to our collaborative team.

Services Provided

The Rimkus AEC Services Group strives to be the worldwide leader in technical solutions for the built environment by proactively identifying, mitigating, and eliminating the complex risks inherent in the procurement, design, construction, and operation of facilities.



Assessment Services

Proactively identifying and minimizing unsafe conditions.



Restoration Design Services

Focusing on restoration, alteration, and rehabilitation.



Building Envelope Services

Maximizing the life cycle and value of a building.



Mechanical, Electrical, and Plumbing (MEP) Services

Increasing properties' energy efficiency and operational usability.

ARCHITECTURE, ENGINEERING, AND CONSTRUCTION

AEC Core Clients

- ✓ **Developers & Asset Owners**
- ✓ **Facilities & Maintenance Managers**
- ✓ **Risk & Safety Managers**
- ✓ **Government & Municipalities**
- ✓ **Contractors & Design Professionals**
- ✓ **Healthcare & Educational Institutions**
- ✓ **High-rise Buildings & Co-operative Housing**
- ✓ **Insurance Professionals**

ARCHITECTURE, ENGINEERING, AND CONSTRUCTION

Assessment Services



- Structural Assessments
- Building Envelope Assessments
- MEP Assessments
- Roof Assessments
- Environmental Site Assessments
- Due-diligence Property Condition Assessments

Due-Diligence Assessment Services

- ADA Compliance Reviews
- Building Envelope Evaluations
- Civil/Site Grading and Drainage Assessments
- Code Compliance Reviews
- Elevator and Escalator Evaluations
- Environmental Site Assessments
- Facade Assessments
- Mechanical, Electrical, and Plumbing Systems Evaluations
- Seismic Risk Assessments
- Structural Systems Evaluations

ARCHITECTURE, ENGINEERING, AND CONSTRUCTION

Restoration Design Services



- Architectural
- Civil Engineering
- Electrical Engineering
- Mechanical Engineering
- Pavement Engineering
- Structural Engineering
- Waterproofing Consulting
- Construction Administration Services

Pavement Engineering Services



- Contract Administration
- Curb, Walkway, and Drainage Solutions
- Engineered Pavement Design
- Geotechnical and Subsurface Analyses
- Lighting Condition Assessments and Standards
- Parkades/Parking Lot Assessments
- Pavement Condition Assessments
- Pavement Rehabilitation Quality Observation
- Safety Hazard Identification

Pre-Construction Services

- Contract Administration
- Curb, Walkway, and Drainage Solutions
- Engineered Pavement Design
- Geotechnical and Subsurface Analyses
- Lighting Condition Assessments and Standards
- Parkades/Parking Lot Assessments
- Pavement Condition Assessments
- Pavement Rehabilitation Quality Observation
- Safety Hazard Identification



Construction Services

- Construction oversight
- In-place work inspections
- Mock-ups
- Project problem analysis
- Quality control reviews
- Risk assessments
- Shop drawing and submittal reviews
- Third-party design reviews
- Threshold inspections
- Vibration monitoring

Post-Construction Services

- Building commissioning
- Facilities testing, start-up, and commissioning
- Facility systems transition reports
- Maintenance plans
- Project closeout document
- Punch list administration
- Substantial completion recommendations
- Training

Building Envelope Services



- Code Compliance Reviews
- Constructability Reviews
- Construction Administration
- Energy Studies
- Facade Inspections
- Hygrothermal Modeling
- LEED® Certification Compliance
- Materials Testing
- Mock-up Reviews and Testing
- Quality Assurance
- Quality Control Inspections
- Remediation Design Services
- Reserve Studies
- Roof Consulting
- Structural Assessments
- Third-party Design Reviews
- Value Engineering Assessments

Energy Audits

Lighting Systems

- Light Replacement/Reduction
- Lighting Technology Upgrade

Controls

- Occupancy/Photo Sensor Controls
- Garage Exhaust CO Detectors
- CO2 Ventilation Sensors
- Building Automation Systems

Building Envelopes

- Caulk or Window Replacement
- Weather Stripping
- Solar Window Film

Heating, Ventilation, & Air Conditioning

- Caulk or Window Replacement
- Weather Stripping
- Solar Window Film

Water Conservation

- Low Consumption Water Fixtures
- Irrigation Control Upgrade
- Rainwater Harvesting

On-Site Renewable Energy

- Solar Wall
- Solar Water Heater
- Photovoltaic Panels
- Wind Turbines

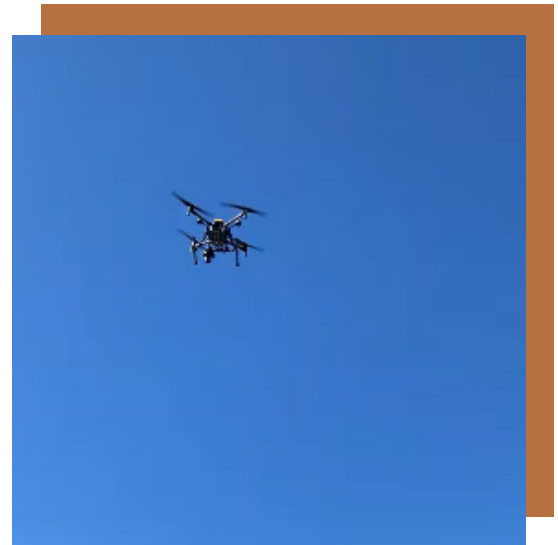
Roofing Consulting Services



- Code and Regulatory Compliance
- Design, Specifications, and Tender
- Diagnostic Testing
 - Core-Cut Testing
 - Electrical Field Vector Mapping (EFVM)
 - Infrared Thermography
- Drone/UAV Inspections
- Emergency Leak Response
- Green Roofs and Photovoltaic Systems
- Plaza Decks and Parkades
- Roof Anchor Design and Testing
- Roof Condition Analysis
- Roof Management Programs
- Roof Safety and Fall Protection Plans
- Snow Load Assessments

Drone Services

- Sub-centimeter accuracy for roofing, building envelope, structural, and paving projects
- High-resolution images for assessments and historical archives
- Safe access to inaccessible building areas without the need for swing stages or scaffolding
- Thermographic infrared images to provide information on water leaks, observing thermal bridging, and other energy efficiency-related concerns
- Timely visual and thermographic access to building elements, such as cladding and windows, that require inspection during colder months of the year



ARCHITECTURE, ENGINEERING, AND CONSTRUCTION

Mechanical, Electrical, and Plumbing (MEP) Services

- Building Condition Assessments
- Energy Audits
- New Construction Design
- Retrofit Design
 - Code Compliance
 - Energy Efficiency
 - Upgrades
- Troubleshooting
- Life Safety & Fire Consulting



Life Safety & Fire Consulting



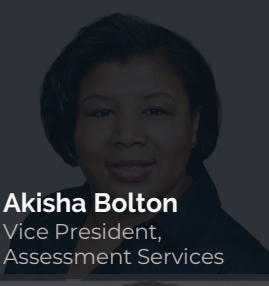
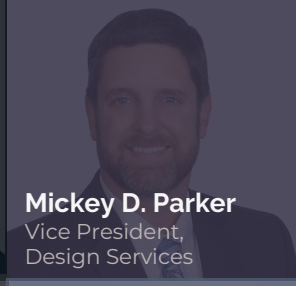




- Accessibility Reviews
- Building and Fire Code Review
- Damaged Fire Separation
- Egress Design and Analysis
- Emergency Communication Equipment
- Fire Alarm System Design, Retrofits, and Upgrades
- Fire Code Audits and Fire Safety Plans
- Life Safety Studies
- Occupant Safety
- Property Protection
- Sprinkler System Designs and Retrofit



Leadership Team

Comprehensive Services, Dedicated Professionals

Our teams of engineers and technical consultants hold extensive industry experience spanning all aspects of the built environment.

 <p>Jack Dolan Group President, AEC Services</p>	 <p>Patrick Banning Senior Vice President, Canadian Operations</p>
 <p>Akisha Bolton Vice President, Assessment Services</p>	 <p>Mickey D. Parker Vice President, Design Services</p>
 <p>Erik C. Johnson Vice President, AEC Technical Services</p>	 <p>Pierre El-Khoury Vice President, MEP Services</p>
 <p>Phil Langille Vice President, Business Development</p>	 <p>Brian Sullivan Vice President, Strategic Growth</p>

Comprehensive Expertise For The Built Environment

- Architects
- Building Specialists
- Civil Engineers
- Construction and Design Specialists
- Electrical Engineers
- Environmental Engineers
- Fire Consultants
- HVAC Consultants
- Industrial Hygienists
- Life Safety Consultants
- Materials Science Engineers
- Mechanical Engineers
- Pavement Engineers
- Registered Roof Consultants and Observers
- Security and Safety Consultants
- Structural Engineers
- UAV/Drone Pilots

Operating from more than 110+ offices,
Blackstone, a Rimkus Company team of
consulting experts assists clients with
complex matters worldwide.



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