



RICK DE LA GUARDIA, E.I., M. ASCE
PRESIDENT/ FOUNDER

SUMMARY OF

QUALIFICATIONS: Over twenty one years of work experience in the forensic investigation, design, analysis, consulting and inspections of residential, commercial and retail building envelope components. Accomplished author and contributor of print and live. industry and professional association articles and presentations.

EDUCATION: UNIVERSITY OF MIAMI Coral Gables, FL
BACHELOR OF SCIENCE IN ARCHITECTURAL ENGINEERING
1995

PUBLICATIONS: "Allowable Strength of Glass: How to Design Safely with Glass for Today's Threats." *US Glass* July 2010: 28-32. Print

"Growing Awareness: Changes in ASCE 7-10 to Affect Hurricane-Prone Regions" *Architects' Guide to Glass & Metal* December 2011: 6-7. Print

"Hazard Mitigation of the Building Envelope: Are Our Building Envelopes Ready for a Powerful Storm?" *ATC-SEI Advances in Hurricane Engineering Conference*: Miami, FL, October 2012: Paper

"Hurricane Mitigation Design of Glazing Systems: Requirements for Wind and Windborne Debris Protection" *AEI Conference*: State College, PA, April 2013: Paper

"Hurricane Design of Glazing Systems: Understanding the Intricacies" *ASCE*: January, July and November 2013, June 2014: 90 minute live webinar

"Hurricane Resistant Glazing Systems: How to Ensure Installation of a Safe and Secure Building Envelope" *ASCE*: June 2014: 90 minute live webinar

WORK EXPERIENCE:

2/09 – Present DLG ENGINEERING, INC South Miami, FL
PRESIDENT/FOUNDER

ENTREPRENEUR:

Successfully created, established, staffed, and managed the founding of the company during one of the worst economic downturns in recent history. Performed company and office startup logistical tasks. Implemented company communications, marketing and management strategies. Trained staff to perform

specialty niche consulting duties. Responsible for employee retention, client relations and work origination.

COMPANY RECOGNITION:

Selected and recognized as one of top minority owned businesses in South Florida by the Greater Miami Chamber of Commerce in 2012 and 2013.

VOLUNTEER WORK:

Served on the executive board of the University Of Miami College Of Engineering Alumni Association as president and immediate past-president from 2010 to 2014. Organization was selected and recognized as the most outstanding affiliate organization of the University of Miami during that tenure.

Serving as Vice Chair of the ASCE-AEI Curtain wall committee.

2/06 – 2/09

HERSHELL GILL CONSULTING ENGINEERS, INC Coral Gables, FL
CONSULTING ENGINEER/GLAZING SPECIALIST

FORESIC ANALYSIS & INVESTIGATION:

Perform forensic investigation of design and installation of building components. Provide remedial work recommendations to bring installation into compliance with Code requirements.

GLAZING CONSULTANT:

Coordinate with design professionals on Code Requirements. Review shop drawings and calculations for compliance with project specifications.

4/93 - 10/05

AL-FAROOQ CORPORATION Miami, FL
CONSULTING ENGINEER/ SENIOR FIELD INSPECTOR

FORESIC ANALYSIS & INVESTIGATION:

Perform forensic investigations of design and installations. Provided remedial work recommendations to bring glazing installation into compliance with Code requirements.

GLAZING CONSULTANT:

University of Miami: Major projects: BankUnited Center, The School of Architecture, The School of Music, The Library Expansion, Pearson & Pavia Parking Garages.

The Shops at Sunset Place (Retail w/64 Tenants) (S. Miami, FL): Glazing Consultant to the Landlord (Simon Properties): Consultation with tenants regarding building envelope design (storefronts & doors, residential windows, shutters, signs, awnings); inspection of all tenant storefronts; review and coordinate with the City of South Miami on deficient installations and recommend remedial work.

Dolphin Mall: Analysis of glazing system for the entire exterior portion of the mall. Designed storefront support systems where required. Inspected field conditions and recommended remedial work.

The Village of Merrick Park (Retail w/140 Tenants) (Coral Gables, FL):
Glazing Consultant to the Landlord (The Rouse Company): Design of Tenant storefronts. Consultation on design of: Metal Framing, Railings, Awnings, Signs, Stonework, etc. Special Inspector for all Tenant and Landlord storefronts. .

ANALYSIS/DESIGN:

Prepared site-specific wind load calculations on building components and cladding (windows, doors, shutters, storefronts, curtain walls, garage doors, etc.)
Perform rational analysis of exterior building components. Review shop drawings for compliance with Code requirements.

PRODUCT APPROVALS:

Prepared calculation package for Miami-Dade County Product Approval (NOA) for manufacturers of impact and non-impact resistant products.

INSPECTIONS:

Performed hundreds of inspections of building components (curtain walls, storefront systems, shutters, windows, doors, structural steel, welding, etc.) of commercial, residential and retail buildings.

REFERENCES: Available upon request.