



Knowledge | Experience | Solutions

BUILDING EXTERIOR SOLUTIONS

A Terracon COMPANY

EXPERIENCE

Mr. Abendroth joined Building Exterior Solutions, Inc. (BES) in September 2008. His experience includes the new design and forensic evaluation of building envelope systems. Mr. Abendroth has performed design peer reviews of building envelopes, as well as, building envelope commissioning for many commercial, medical, and industrial projects. In addition, he has performed evaluations of building envelope system failures on projects throughout the United States and provided associated repair recommendations and designs. Mr. Abendroth has also been able to utilize his extensive knowledge of building envelope systems in a litigation support role. Finally, with Mr. Abendroth's previous construction experience he is able to provide insight into the cost, constructability, and sequencing of building envelope systems.

Mr. Abendroth has managed consulting services on buildings for the MD Anderson Cancer Center at the Texas Medical Center and managed design services for several reroofing projects for NASA at the Johnson Space Center, both in Houston. Services included design and design review, mock-up design and testing, and construction administration and observation.

Mr. Abendroth was formerly the owner of a firm specializing in federal government contracting. He completed roofing, waterproofing, and renovation projects, including roof designs and roof surveys, for the United States Air Force, the United States Coast Guard, the Department of Veterans Affairs, and the United States Department of Labor. The scope of the firm's projects included roof repair and replacement, mechanical upgrades, electrical upgrades, interior and exterior renovation, and building construction. In addition, he has 30 years of prior experience in the construction industry.

REPRESENTATIVE PROJECTS

Building Envelope Assessment

- Halliburton North Belt and Oak Park Campuses: Roofing, waterproofing, and curtain wall consulting services and construction observation, Houston, Texas
- Shell Westhollow Campus: Roofing, Waterproofing and wall cladding consulting services, Houston, Texas

Construction Observation and Quality Assurance

- Cowboy Stadium: Construction observations of waterproofing, roofing and cladding systems, Dallas, Texas
- Trinity Bluffs Apartments: Construction administration services for roofing, wall cladding and waterproofing systems, Fort Worth, Texas*

Design Peer Review

- Tellepsen Family YMCA: Design peer review and construction observation, Houston, Texas
- Houston Ballet: Design peer review and construction observation, Houston, Texas

Repair and Rehabilitation Design

- Memorial Hermann Hospital, Texas Medical Center: Exterior envelope rehabilitation, Houston, Texas
- El Paso Corporation Building: Building envelope assessment and replacement design services and construction observation, Houston Texas
- NASA/Sunland, Johnson Space Center: Investigation of existing roof conditions for Buildings 2 and 15 and design of new roof systems, Houston, Texas*

Roofing and Waterproofing

- Memorial Hermann Medical Plaza: Hurricane roof assessment, Houston, Texas
- Gulf Coast Veterinary Hospital: Investigation of waterproofing distress and design of new, Houston, Texas*

Litigation Support

- Villas of St. Johns Apartments: Leak investigation and litigation support, Jacksonville, Florida
- Villas on Lake Travis: Leak investigation and litigation support, Austin, Texas*

*Projects performed prior to joining the BES team

JERRY ABENDROTH

Principal



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EDUCATION

Rainy River Community College
Associate of Arts, Business, 1974
Regis University
Bachelor of Science, Business,
1986
University of South Dakota
Master of Arts, Political Science,
1991

REGISTRATION

Roof Consultants Institute
Registered Roof Observer 0508
Registered Roof Consultant 0590
Registered Waterproofing
Consultant 0040
Registered Exterior Wall
Consultant 0044
Registered Building Envelope
Consultant 0027
Construction Specifications
Institute
Construction Documents
Technologist

PRACTICE AREAS

Building Envelope Assessment
Construction Observation
Curtain Walls
Design Peer Review
Repair and Rehabilitation Design
Roofing and Waterproofing

PROFESSIONAL AFFILIATIONS

Construction Industry Center in
South Dakota (Past President)
Construction Specifications
Institute (CSI)
Roof Consultants Institute (RCI)
National Roofing Contractors
Association