



Knowledge | Experience | Solutions

BUILDING EXTERIOR SOLUTIONS

A Terracon COMPANY

IAN CLAYMAN

Associate II/Staff Engineer



iclayman@besgrp.com
713-467-9840

EXPERIENCE

Mr. Clayman joined Building Exterior Solutions, Inc. (BES) in February of 2015. For new construction, Mr. Clayman has evaluated the performance of building envelopes through hands-on building envelope evaluation and building envelope testing. He has also performed peer reviews and construction consultation, including submittal reviews and field observations. For existing construction, Mr. Clayman has performed forensic evaluation and litigation support by conducting field observations/evaluations, documentation research, roof uplift testing, and fenestration system testing, as well as discovery document review.

Prior to BES, Mr. Clayman worked as a Research and Development Design Engineer at Baker Hughes, Inc. where he designed surface electronics for severe environments that communicated with subsurface equipment as well as designing and testing hydraulically actuated electro-mechanical valves. Prior to that, he worked as an Equipment Engineer at Samsung Semiconductors in Austin, Texas where he maintained and improved upon the metal deposition (sputtering) processes in semiconductor fabrication. He is a registered Engineer-In-Training who specializes in building envelope consulting experience and has 4 years of experience in the engineering industry.

REPRESENTATIVE PROJECTS

Construction Contract Administration, Observation, and Testing

- Vision Park Medical Office Building: Peer review and construction observations, Shenandoah, Texas
- Memorial Hermann Katy Hospital Expansion: Curtainwall evaluation and testing, Houston, Texas
- City Centre Lofts: Fenestration system evaluation and testing, Houston, Texas
- Memorial Hermann Medical Plaza: Below grade waterproofing evaluation, Woodlands, Texas
- Texas Regional Hospital: Uplift pressure analysis and roof uplift testing, Spring, Texas
- Texas A&M College of Veterinary Medicine: Project Administration & Roof Uplift Testing, College Station, Texas

Forensic Evaluation and Investigation

- Memorial Hermann Hospital: Curtainwall evaluation and testing, Pearland, Texas
- Memorial Hermann TMC: Roofing investigation and evaluation, Houston, Texas
- Walker Engineering: Roof slope analysis and nozzle testing analysis, Houston, Texas
- Tremont Tower: Wall flashing and perimeter joint sealant investigation, Houston, Texas

Design Document Peer Review

- Century Square Multifamily Complex: Building envelope design peer review, College Station, Texas
- San Jacinto CIT Building: Building envelope design peer review & mockup observation, Houston, Texas
- Cavalry Court: Building envelope design peer review, College Station, Texas
- Market Square: Building envelope design peer review & construction observations, Houston, Texas
- Hotel George: Building envelope design peer review, College Station, Texas
- Wildwood Centre II: Building envelope design peer review, Spring, Texas
- Southmore Tower: Building envelope design peer review, Houston, Texas
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Repair and Rehabilitation Design

- San Jacinto College District: Splice plate & joint sealant repair, South Science Building, Houston, Texas
- Proguard Self Storage: Butyl tape and metal flashing/splice plate repair, Houston, Texas
- West Memorial Place: Construction observations and Insulated glass unit repairs, Houston, Texas

Litigation Support

- Confidential Multi-Family Project: Odessa, Texas (*currently in litigation*)
- Confidential Multi-Family Project: Midland, Texas (*currently in litigation*)
- Confidential High School Project: Corsicana, Texas (*currently in litigation*)
- The Mosaic on Hermann Park: Fenestration/Cladding Evaluation & Litigation Support, Houston, Texas

EDUCATION

The University of Texas at Austin,
Bachelor of Science in
Mechanical Engineering, 2012

REGISTRATION

American Society of Mechanical
Engineers (ASME), Engineer-In-
Training (EIT)

WORK EXPERIENCE

Baker Hughes, Inc.
RDD Engineer, 2013-2015

Samsung Austin Semiconductor
Equipment Engineer, 2012-2013

PRACTICE AREAS

Building Envelope Assessment
Forensic Evaluation
Construction Observation
Design Peer Review
Submittal/RFI Review
Litigation Support
Repair and Rehabilitation Design
Fenestration Systems
Wall Cladding Systems
Roofing Systems
Waterproofing Systems
Roof Uplift Testing
Field Water Testing