

NI (ASHLIE) LI

Staff Engineer



Ashlie.Li@terracon.com
713-766-7938



Knowledge | Experience | Solutions

BUILDING EXTERIOR SOLUTIONS

A Terracon COMPANY

EXPERIENCE

Ms. Li joined Building Exterior Solutions, Inc. in July 2017. She is a registered EIT and has participated in projects for both new and existing construction. She has gained hand-on experience on evaluating building envelope performance through design phase document review, construction administration services, field observations and field testing. Ms. Li has also assisted with litigation document support and research.

Prior to BES, Ms. Li interned with SEFBO Pipeline Bridge, Inc. and was responsible for contract administration, bid documents, cost estimates and project scheduling. Prior to SEFBO Pipeline Bridge, Inc., Ms. Li worked as an intern for Bureau Veritas assisted with shop drawing reviews, site inspections, team meeting coordination, and as a translator for various construction related communications.

REPRESENTATIVE PROJECTS

Building Envelope Design and Peer Review

- Home 2 Galleria, Building envelope peer review, Houston, Texas
- Katy ISD Elementary 41, Building envelope peer review, Katy, Texas
- Harris County 911 Call Center, Submittal review, Houston, Texas
- Belvedere HP Plaza, Submittal review, Spring, Texas

Construction Phase Observations and Testing

- Embassy Suites Park 10, Houston, Texas
- Redstone TMC Tower, Houston, Texas
- Tremont Tower Condos, ASTM E1105 testing, Houston, Texas
- MHHS Northeast Campus Expansion, Houston, Texas
- High School for the Performing and Visual Arts, ASTM E1105 and ASTM E783 testing, Houston, Texas
- The Post Oaks Hotel, ASTM D5957 testing, Houston, Texas

Diagnostic and Forensic Assessment/Support

- State Farm – Multiple Properties, Foundation survey evaluation, Houston Area, Texas
- Brookdale Senior Living Evaluation, Post hurricane Site Assessment, Houston, Texas
- Long Star College – Science Building, ASTM E1105 and ASTM E783 testing, Houston, Texas
- Tower Park North, Houston, Texas

Litigation Support

- Palestine High School, Palestine, Texas

Project and Experience Performed Prior to Joining BES Team

- Projects at SEFBO Pipeline Bridge Inc., Bid document preparation, cost estimation and project scheduling, Austin, Texas
- Disney Theme Park in Shanghai, China, Assist peer review and site inspection, team meeting coordination, translation, Shanghai, China
- Medical Office Integrated Design Project, produce construction documents in all phases, Austin, Texas
- BIM-based Construction Capital Project, cost estimation, scheduling, clash detection, 4D modeling, Austin, Texas
- Multi-Purpose High Rise Building Design Project, mechanical design, Austin, Texas
- Mass Transit Station, Transit station design in building facade, structures, and mechanical systems, Austin, Texas.

Skills

- Proficient in AutoCAD, Revit, Navisworks, Synchro, Dynamo, eQUEST, Bluebeam, SketchUp, Microsoft Office, MATLAB, Adobe Photoshop and Adobe Illustrator
- Bilingual in Mandarin Chinese and English; Conversant in Cantonese Chinese

EDUCATION

The University of Texas at Austin
Bachelor of Science in
Architectural Engineering, 2017

REGISTRATION

Texas Board of Professional
Engineers (TBPE), Engineer-In-
Training (EIT)

Leadership in Energy &
Environmental Design Green
Associate (LEED GA)

PRACTICE AREAS

Building Envelope Assessment

Design Peer Review

Contract Administration

Construction Observation

Field Testing

Litigation Support

Roofing Systems

Waterproofing Systems

Exterior Wall Systems

Stone Cladding Systems

Fenestration Systems