

JEFFREY P. BALLIEW, RA, NCARB

Vice President



Summary

Jeff Balliew joined Thornton Tomasetti in 2015 and is a licensed architect with more than 40 years of professional experience. He has extensive experience in architectural design, construction documents, shop drawing details, construction administration, building materials, coordinating building envelopes and building systems. Jeff is well-versed in building condition assessment/observing factory and on-site envelope testing, and in claims and litigation support.

Areas of Technical Expertise

- Forensic Architecture
- Technical Architecture
- Building Envelope Investigation & Repair
- Standard of Care
- Life Safety and Building Code Compliance

Education

- Master of Architecture, 1983, Texas A&M University
- Bachelor of Environmental Design, 1979, Texas A&M University

Registrations

- Registered Architect in TX and CO, FL, IA, NM, MD, UT
- National Council of Architectural Accrediting Boards (NCARB)

Professional Activities

- Member, American Institute of Architect (AIA)

Select Project Experience

Forensic Architecture

AHMC Healthcare - Seton Medical Center, CA, two hospitals and two MOB's. Building envelope investigations to determine damage caused by water infiltration, and re-roofing.

The Magnolia Hotel - Downtown Dallas, TX. Façade assessment resulting in decladding and recladding of a 26-story addition to historic hotel.

Life Safety and Building Code Compliance

Abu Dhabi Health Services, Al Mafrq (The Crossroads)

Hospital, Al Mafrq, Abu Dhabi, UAE.* Joint Commission International (JCAHI) Statement of Conditions, ADA, NFPA and life safety code compliance of a 3.5 million square foot, 650-bed, multi-specialty hospital.

Texas Children's Hospital, Duncan Neurological Research Institute, Houston, TX.* ADA, International Codes, NFPA, life safety and code compliance for a multi-story laboratory research building for Texas Children's Hospital.

The University of New Mexico, Albuquerque, NM.* ADA, International Codes, NFPA, life safety code compliance for a Level 1 Trauma Center and teaching hospital.

Healthcare

University Health System, Capital Improvement Project,

San Antonio, TX.* Design and Project Management of a chest pain center, wound care suite, women's center, and peripheral project required by CIP.

University of Texas System, UT Southwestern Medical

Center at Dallas, Dallas, TX.* Design and Project Management of a laboratory research science building.

Heart Hospital at Saint Francis, Tulsa, OK.* Design and Project Management ADA, Building Codes, NFPA, life safety code compliance of a specialty hospital and medical office building.

*Denotes work performed with previous employer.

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The NeuroMedical Center, Baton Rouge, LA.* Design and Project Management of a specialty hospital and medical office building.

St. James Parish Hospital, Litcher, LA.* Design and Project Management of a replacement critical access hospital.

Education

Dallas Independent School District, School Assessment, Dallas, TX. Multi-disciplinary code review including structural, MEP and architectural components for three Dallas ISD schools following the August 2019 tornado event.

Building Envelope Assessment

Hurricane Evaluations for Harvey, Irma, and Laura, multiple locations. Building envelope investigations of various types of commercial, residential, government & healthcare buildings to determine damage caused by wind, water infiltration, and flood as a result of hurricane activity in the affected areas.

Wind and Hail Evaluations, multiple locations. Building envelope investigations of various types of commercial, residential, government & healthcare buildings to determine damage caused by wind and hail as a result of extreme weather events in the affected areas. Roofing systems evaluated including asphalt shingle, built-up, concrete tile, clay tile, metal panel, PVC, TPO, EPDM and other various finish and cladding systems.

Universal Health Realty, Spring and Kingwood, TX. Flood distress evaluation and repairs to four medical office buildings after Hurricane Harvey.

Sworn Testimony

Arbitration Experience

Parc Traditions, LP v. Rogers-O'Brien Constr. Co., LLC, involving investigation of construction defects for a large assisted living development, American Arbitration Association in Austin, June 2024.

Deposition Experience

City of Huntsville, TX v. Architects Design Grp./ADG, Inc., Walker Co., TX. December 7, 2023.

Marshfield Clinic Health Sys. v. HDR Architecture, Eu Claire, WI. August 24-26, 2022.

Gerber-Alberici v. SSOE, regarding the Nestle Gerber cereal plant in Fort Smith, AR and the finish and specialty coatings of cast-in-place concrete in a facility with higher-level hygiene requirements. March 2020.

Trial Experience

Trinity Valley Sch. v. Franklin, et al., Fort Worth, TX. December 6, 2022; October 7, 2022.

Litigation

Confidential Corporate Campus, Central TX, Architect's Standard of Care for multiple issues at three multi-story corporate office buildings.

Address Hotel, Downtown Dubai, UAE. Regarding code and contract compliance, product substitution, and product testing of composite panel façade system contributing to rapid spread of fire.

Brickell Place Condo. Ass'n, Miami, FL. Regarding loss appraisal related to CAT Irma.

Garages of Texas v. CCG, Plano, TX. Elevation of metal roof with moisture infiltration cause and origin investigation of garage condominium facility.

Jabrin v. Farmers, Richardson, TX. Evaluation of residential roof regarding hail damage claim.

La Villita Condo. Cmty. v. Pulte Homes, Irving, TX. Regarding code and construction defects for site concrete work in residential community.

Oh v. Perot Museum of Nature and Sci., regarding alleged design and code deficiencies resulting in the fall of a visitor.

Parkland v. BARA, Dallas, TX. Regarding poured seamless urethane flooring material and installation in sterile areas of county hospital.

Parkland v. Lend Lease, Irving Health Center, Irving, TX. Evaluation of foundation movement.

Residences at Turtle Creek, regarding cause and origin of water infiltration into condominiums after garage collapse and subsequent mitigation.

The Peribere Residence, San Marco Island, FL. Regarding polished concrete floors and vertical moisture migration through raised concrete floor slab.

Alternative Dispute Resolution

Mediation, Norwood Hospital, regarding code assessment and envelope investigation in Norwood, MA. 2020-2022.

CONTACT

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