



As founder of Field Verified, Brian Melcher has been instrumental in its rapid growth with projects in Arizona, California, Texas, Utah and Alaska. He began his construction industry career building custom homes and retail space in Southern California. After several years of hands-on experience, his career shifted to quality assurance inspection of residential and commercial buildings across the United States. For the last decade he has developed and directed quality assurance programs on more than 400 commercial projects and thousands of single-family homes. He has also developed these services to meet stringent building envelope commissioning requirements. Mr. Melcher is a LEED AP and a certified plans examiner for the 2012 International Energy Conservation Code (IECC). His experience includes forensic investigation of water intrusion issues and expert witness testimony on construction defect litigation.



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Industry Experience

Mr. Melcher is a commercial and residential construction expert, specializing in building envelope and water intrusion issues. He led Field Verified in developing ISO-compliant testing procedures to become the first AAMA Accredited Field Testing Agency in the world. In 2018, Field Verified opened the first accredited mockup and window testing laboratory in the Mountain West. The Field Verified testing division performs curtain wall and window chamber testing on site and electronic testing of waterproofing and roof leak detection testing on projects across the country. Mr. Melcher currently serves on several technical committees for ASTM and the American Architectural Manufacturer's Association (AAMA).

ASTM

- E06 - Performance of Buildings-Main Committee
- E06.58 - Exterior Insulation and Finish Systems (EIFS)
- C24 -Building Sealants and Seals-Main Committee
- D08-Roofing and Waterproofing-Main Committee
- F13 Pedestrian/Walkway Safety and Footwear

AAMA

- AAMA 501.4 and 501.6 Seismic Test Update Task Group
- AAMA 508/509 Rain Screen Test Update Task Group
- Accredited Independent Laboratories Committee
- Curtain Wall Manual Update Task Group
- Exterior Sealant Long-Term Durability Work Group
- Sealant Application Guide (AAMA 851) Task Group
- Field Test and Forensic Investigation Document Update Task Group
- Test Method to Qualify Installation Procedures Update Task Group

Project Highlights

On each project, Mr. Melcher administered the construction quality assurance services, including direct inspection, construction document review, air and water performance testing, managing full time inspectors, and developing inspection standards.

Health Care Projects

Kaiser Permanente Hesperia Medical Center	2020
Banner University Medical Center MD Anderson Cancer Center	2019
Banner University Medical Center Tucson Patient Tower	2018
Banner University Medical Center Phoenix Patient Tower	2017
Baylor Scott & White Healthcare Center for Advanced Medicine	2016
Banner Health, Banner University Medical Campus ED Expansion	2015
Scott & White Healthcare, Center for Advanced Medicine, Temple, TX	2015
University of Arizona Cancer Center, Phoenix	2014
Vanguard Healthcare West Valley Hospital Expansion, Goodyear, AZ	2013

Higher Education Projects

Arizona State University Durham Hall	2019
Arizona State University Student Pavilion, Tempe	2018
Arizona State University Palo Verde West, Tempe	2017
University of Arizona Biosciences Research Building, Tucson	2016
American Campus Communities, ASU Engineering Student Housing	2015
University of Texas, McCombs School of Business	2015
Arizona State University- Center for Law and Society	2014
Texas College-New Residence Hall, Tyler, TX	2014
University of Arizona, North End Zone Expansion, Tucson	2013

Commercial / Retail Projects

California Department of Corrections and Rehabilitation Hospital	2020
Phoenix Sky Harbor Airport Rental Car Center	2019
Charles Schwab Austin Campus, Austin, TX	2018
Hampton Inn & Suites, Downtown Phoenix	2017
Luhr's Marriott Courtyard, Downtown Phoenix	2016
Marina Heights-State Farm, Tempe, AZ	2015
Gila River Healthcare Administration Building, Sacaton, AZ	2014
San Diego International Airport Terminal 2 Expansion, San Diego	2013

CERTIFICATIONS

Fenestration Master Professional
Certification, AAMA

ICC Certified Commercial Energy Plans
Examiner, 2012 IECC

Certified EIFS Inspector (CEI), AWCI

LEED Accredited Professional (LEED AP)
U.S. Green Building Council (USGBC),
Existing Buildings Operation and
Maintenance

Registered Roof Observer (RRO), RCI

Post-Tension Levels 1&2 Inspector, PTI

Residential Building Inspector, ICC

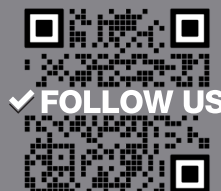
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Insights from the Field

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