



PERSONNEL QUALIFICATIONS

Richard A. Furst, AIA | Senior Associate



EDUCATION

- Florida A&M University
 - Bachelor of Science, Architectural Studies, 1995

PRACTICE AREAS

- Repair and Rehabilitation
- Roofing and Waterproofing
- Constructability
- Coatings and Sealants
- Architectural Testing
- Nondestructive Evaluation
- Windows/Curtainwalls/Skylights
- Green Roofs

REGISTRATIONS

- Architect in HI

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Construction Specifications Institute
- International Institute of Building Enclosure Consultants

CONTACT

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EXPERIENCE

With more than eighteen years in the building design and construction industries, Richard Furst has broad experience with repair and renovation of buildings throughout Hawaii. He has been involved with dozens of building enclosure restoration projects, and has led the investigation, design, and construction administration and observation of hundreds of millions of dollars of repair and rehabilitation projects. Mr. Furst routinely designs repairs, develops construction documents, and performs field observation of work, architectural testing and nondestructive evaluation on window and curtain wall systems, roofing membranes, and various waterproofing systems. While his prior experience spans many different building types, Mr. Furst has developed specialized expertise in rehabilitation of occupied high-rise buildings.

Prior to joining WJE, Mr. Furst was the lead architect for construction contract administration on a \$200 million luxury high-rise hotel project in Waikiki. He currently serves as a director for the Honolulu Chapter of the American Institute of Architects.

REPRESENTATIVE PROJECTS

Repair and Rehabilitation

- Honolulu International Airport, Departures Canopy - Honolulu, HI: Construction period services for renovation of existing canopy roof structure, including complete replacement of roofing system, new aluminum panel cladding and ceiling soffit, and improved LED signage
- 1350 Ala Moana - Honolulu, HI: Design and construction period services for DWV plumbing system replacement and firestopping repairs in an occupied multifamily residential high-rise
- Hoku - Honolulu, HI: Litigation support, forensic investigation, and design and construction period services for domestic water supply system replacement in an occupied multifamily residential high-rise

Roofing and Waterproofing

- Manoa District Park Gymnasium - Honolulu, HI: Water leakage investigation and design for replacement of metal roofing system

- Kalama District Park - Kailua, HI: Roof assessment and repair design for wood shingle roof and structural trusses
- Kapolei Police Station - HI: Water leakage investigation and design for repair of concrete tile roofing system

Constructability

- Ritz Carlton Residences Waikiki, Phase 2 - Honolulu, HI: Construction period services for luxury high-rise hotel tower and podium

Architectural Testing

- Disney Aulani Resort - Ko'olina, HI: Roof uplift testing (FM 1-52) and window water penetration testing (ASTM E1105)
- 440 Keawe - Honolulu, HI: Water leakage investigation and window water penetration testing (AAMA 501.2 and 502)
- UH Manoa Computer Science Building - Honolulu, HI: Air leakage (ASTM E783) and window water penetration testing (ASTM E1105)

Nondestructive Evaluation

- Queen Emma Gardens Teahouses - Honolulu, HI: Condition assessment and repair design of roofing and enclosure for historical structures
- Mililani Town Center - HI: Condition assessment of roof and flashings

Windows/Curtainwalls/Skylights

- Honolulu International Airport, Wikiwiki Shuttle Bus Terminal - Honolulu, HI: Construction period services for renovation of existing structure, including new storefront glazing and skylights, replacement of split slab waterproofing system, topping slab, and pedestrian traffic coating system
- Pakalana Condominium - Honolulu, HI: Design and construction period services for renovation of existing multifamily residential high-rise, including replacement of windows, concrete spall repair, and exterior coatings and sealants at tower, and concrete spall repair and replacement of vehicular traffic coating at parking garage
- Imperial Plaza - Honolulu, HI: Investigation and repair design for curtain wall fire safing