PERSONNEL QUALIFICATIONS

F. William (Bill) Burger | Principal

EDUCATION

- Texas A&M University
  - Bachelor of Environmental Design, 1976
  - Master of Architecture, Architecture/Construction Management, 1979

PRACTICE AREAS

- Roofing
- Waterproofing and Green Roofs
- Windows and Curtain Walls
- Masonry Structures

REGISTRATIONS

- Architect in CA, CO, and TX

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Colorado Roofing Association
- National Roofing Contractors Association
- Texas Society of Architects

CONTACT

fburger@wje.com
972.550.7777
www.wje.com

EXPERIENCE

Bill Burger has more than thirty years of experience in peer review of building enclosures as well as evaluating and repairing water entry problems affecting existing structures. He typically works on structures such as office buildings, educational facilities, hospital and healthcare facilities, manufacturing plants, arenas, shopping centers, and hotels and resorts. Mr. Burger has worked on leakage problems associated with roof membranes and plaza waterproofing systems as well as exterior masonry facades and curtain walls. These projects typically require an assessment of the existing conditions, a determination of the cause of the failure, and the development of repair drawings and specifications. He has also developed drawings and specifications for the design of waterproofing membranes of green roofs on multiple new buildings.

In addition to numerous assignments in Texas, Mr. Burger has managed a number of major projects in the Rocky Mountain region, New Mexico, North and South Dakota, California, and Hawaii.

REPRESENTATIVE PROJECTS

Roofing

- Ben E. Keith Distributorship - Abilene, TX: Leakage investigation and reroof design of multiroof office and warehouse complex
- MD Anderson Cancer Center - Houston, TX: Visual survey of roofs of multibuilding complex
- Various Texas Department of Transportation: Reroof design and construction observation of twenty-three regional district buildings
- Tapa Ballroom Hilton Hawaiian Village - Waikiki, HI: Leakage investigation and reroof design of ballroom roof
- General Services Administration - Fort Worth, TX: Inspection and reroof recommendations for two FEMA warehouses totaling 350,000 square feet of roof area

Waterproofing and Green Roofs

- Fountain Place - Dallas, TX: Leakage investigation and development of drawings and specifications for the replacement of waterproofing in existing fountains
- The Water Garden - Santa Monica, CA: Development of drawings and specifications for replacement of existing water feature and green roof waterproofing
- 555 California Street - San Francisco, CA: Development of drawings and specifications for replacement of existing plaza and green roof waterproofing
- Frost Bank Tower - Dallas, TX: Development of drawings and specifications for the waterproofing of new green roofs
- Mount Rushmore National Monument - Keystone, SD: Development of drawings and specifications for replacement of existing below-grade garage waterproofing
- New High-Rise Residential - Dallas, TX: Development of drawings and specifications for the waterproofing of green roofs on new thirty-three-story residential building

Windows and Curtain Walls

- Grey House - Houston, TX: Investigation of window leakage on two mid-rise, mixed-use buildings
- Independence Plaza - Denver, CO: Investigation and repair design of failed precast concrete panel sealant joints and window gaskets of thirty-four-story, high-rise building
- Republic Plaza - Denver, CO: Investigation and repair design of failed granite panel sealant joints and window gaskets of fifty-six-story building

Masonry Structures

- Credit Union Building - Abilene, TX: Leakage investigation and design of masonry wall flashing replacements
- Settles Hotel - Big Spring, TX: Masonry wall leakage investigation and recommendation report for masonry wall flashing replacements