

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

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EXPERIENCE

Bill Burger has more than thirty years of experience evaluating and repairing water entry problems affecting existing structures. He typically works on such structures as office buildings, schools, universities, hospital and health-care 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 also has developed drawings and specifications for the waterproofing of green roofs on new builds.

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

- BEK Beverage Distributor- Abilene, TX: Leakage investigation and reroof consulting of multiroof office and warehouse complex
- M. D. Anderson Cancer Center - Houston, TX: Visual survey of roofs of multibuilding complex
- Republic Plaza - Denver, CO: Leakage investigation and reroof design of fifty-six-story building
- Tapa Ballroom Hilton Hawaiian Village - Waikiki, HI: Leakage investigation and reroof design of ballroom roof
- FargoDome- Fargo, ND: Leakage investigation and reroof design of indoor football stadium and exhibition center roofs

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 the waterproofing of new green roofs
- 555 California Street - San Francisco, CA: Development of drawings and specifications for replacement of existing plaza and green roof waterproofing
- Denver Botanic Gardens - CO: 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
- University of New Mexico Library - Albuquerque: Development of drawings and specifications for replacement of existing plaza waterproofing

Windows and Curtain Walls

- 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
- World Trade Center - Denver, CO: Investigation and repair design of failed window gaskets on two forty-story towers

Masonry Structures

- Credit Union Building - Abilene, TX: Leakage investigation and design of masonry wall flashing replacements
- Sheridan High School - Sheridan, WY: Leakage investigation and design of window and masonry wall flashing replacements