PERSONNEL QUALIFICATIONS

Emily Ryba | Associate III

EDUCATION

- Appalachian State University
  - Bachelor of Science, Building Sciences, 2011
- University of Oregon
  - Master of Architecture, Historic Preservation, 2020

PRACTICE AREAS

- Historic Preservation
- Repair and Rehabilitation
- Facade Assessment
- Water/Air Leakage Assessment
- Building Enclosure Consulting
- Building Enclosure Testing
- Windows and Curtain Walls
- Building Science

REGISTRATIONS

- Certified Passive House Consultant

PROFESSIONAL AFFILIATIONS

- American Institute of Architects

CONTACT

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EXPERIENCE

Emily Ryba is experienced in historical research and the production of construction documents for repair and rehabilitation of historic buildings. She has assisted on masonry surveys of brick and terra cotta buildings of both contemporary and historic construction and has conducted facade and condition assessments and investigations as well as numerous water penetration and air leakage testing procedures for exterior windows, building enclosures, and laboratory and performance mockups. Additionally, she has been involved in construction phase services related to the installation of air, water, and vapor barriers and other waterproofing and exterior wall assembly elements.

Prior to joining WJE, Ms. Ryba spent six years in the residential remodeling industry as a designer and project coordinator where she was responsible for taking projects from design to construction, including several properties within historic districts. She also has experience as part of a historic preservation team specializing in National Park Service, National Register of Historic Places, and National Landmark buildings.

REPRESENTATIVE PROJECTS

Historic Preservation

- U.S. Assay Office - Boise, ID: Paint color analysis *
- Rangers' Dormitory #21/Employees' Residence #23 - Denali National Park and Preserve, AK: Historic Structure Report, including existing drawings and ADA-compliant restroom design; material replacement selections *
- Montana State Capitol - Helena: Condition assessment *
- Yellowstone Park Transportation Company Building - Yellowstone National Park, WY: Historic Structure Report

Repair and Rehabilitation

- Cummins Station - Nashville, TN: Masonry repair details for 1906 warehouse listed on the National Register of Historic Places
- Ohi'a Wing Museum - Hawaii Volcanoes National Park: Rehabilitation documents, including interior, MEP, and equipment enclosure design for 1932 wood-framed structure
- 3060 Brighton Boulevard - Denver, CO: Investigation of 1950s skylights, repair recommendations, and construction observation

Facade Assessments

- Clift Hotel - San Francisco, CA: Survey of 1910s brick and terra cotta facade and brick coating adhesion testing
- Village at Belmar - Lakewood, CO: Stucco cladding assessment for litigation services
- South Metro Fire Station - Highlands Ranch, CO: Brick and stone survey; mortar analysis
- Fulton County Courthouse - Atlanta, GA: Terra cotta and granite survey for 1914 courthouse listed on the National Register of Historic Places
- San Francisco International Airport Building 710 - CA: Condition assessment of airplane hangar and office

Water/Air Leakage Assessment

- ENT Headquarters - Colorado Springs, CO: Curtain wall quality assurance water testing
- Tributary Clubhouse - Driggs, ID: Water and air leakage testing of window systems

Building Enclosure Consulting

- 390 First Street - San Francisco, CA: Laboratory mockup of air, water, and structural performance testing
- Greenbelt Apartment Homes - Denver, CO: Waterproofing and stucco cladding construction observation
- Macy's Perimeter Mall - Atlanta, GA: Repair details for EIFS recladding
- San Francisco International Airport Terminal 3 - CA: Design details for new construction expansion

** Indicates with previous firm*