



National Preservation Institute

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Ernest A. Conrad, P.E., LEED, AP

Contact Information:

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Education:

B.S., civil engineering; M.S., environmental engineering, Drexel University
Professional engineer: registration in AK, AR, CT, MA, ME, NC, NH, NY, PA, RI, VT
LEED accredited professional

Experience:

President and founder, Landmark Facilities Group, Inc., an engineering firm specializing in environmental systems for museums, archives, and historic facilities, founded in 1988. Mr. Conrad has developed a national reputation for understanding the behavior of moisture within the built environment and in building materials and for providing innovative engineering solutions for historic structures that preserve the past without being obtrusive. This knowledge is vital for the preservation of collections materials and the protection of the buildings designed to house them. He is active with several preservation organizations and is a frequent speaker at their events. Mr. Conrad was a founding member of the New Orleans Charter and co-author of the *ASHRAE 1999 Applications Handbook*, Chapter 20, "Museums, Libraries and Archives Design." He is a member of the preservation committee to the National Archives.

Projects:

Frick Collection, New York, NY. Comprehensive upgrade of climate control systems for museum collections housed in a 150,000 square-foot historic building designed to improve control, reduce operating costs, implement modern safety standards, and introduce gaseous pollution filtration.

Pierpont Morgan Library, New York, NY. Comprehensive master plan of climate control systems and development of complete climate control upgrades throughout the facility including its conservation labs.

National Museum of the American Indian, Smithsonian Institution, Bronx, NY, and Suitland, MD. Consultant to the Conservation Department for the new museum facility built in Maryland. Design analysis focused on environmental controls and prevention of microbiological contamination.

National Museum of Racing and Hall of Fame, Saratoga, NY. Design consultant for an expansion project and new construction, including modest renovations to the existing facility and a new underground facilities addition with a focus on precision climate control, electrical, fire protection, and plumbing systems.

Columbia University, New York, NY. Coordinated the long-range master planning for the university president's historic campus residence. Studies included energy conscious use of geothermal heating and cooling along with other sustainable potential elements.

Professional Affiliations:

American Association of Museums, American Society of Civil Engineers,
Association of Preservation Technology, Building Owners and Managers Association,
National Society of Professional Engineers, New England Museum Association