

# MUSEUM DESIGN



Smithsonian Institution - National History Museum



**Mueller**

*“Mueller’s attention to detail and creativity in integrating contemporary systems into very tight spaces provided a clean look for the restored interiors in the Ocean Hall. They were as determined as we were to develop solutions whose visual impact didn’t detract from the exhibits.”*

**Larry Barr, AIA**  
Vice President and Principal,  
Quinn Evans Architects

Throughout its history, Mueller Associates has engineered many acclaimed cultural settings—from premier museums and galleries to engaging and educational visitor centers. Our professionals understand the critical importance of temperature and humidity control, as well as the need to work closely with architects to integrate systems carefully—and quietly—into the buildings they support.

Mueller’s portfolio includes world-renowned museum exhibit galleries and support spaces, showcasing cherished art collections, rare historic and natural artifacts, and interactive media displays that enhance learning and the visitor experience. Our experience includes working within sensitive historic structures, creating phased renovation programs that enable facilities to remain open to the public, generating advanced sustainable strategies to conserve energy and overall operating costs, and devising flexible and effective concepts for interior and exterior lighting.



Thomas Jefferson Visitor Center and Smith Education Center at Monticello

*“Mueller’s design meets all of the objectives for the building environment, and allows the Maryland Historical Society to maintain a sophisticated system for displays.”*

**Steve Ziger**  
Partner, Ziger/Snead

**Our clients include:**

- American Visionary Arts Museum
- B&O Railroad Museum
- Baltimore Museum of Art
- Banneker Douglass Museum
- Delaware Museum of Natural History
- Enoch Pratt Free Library
- Fredericksburg Area Museum and Cultural Center
- Geppi Entertainment Museum
- London Town Archeological Conservation Facility
- Maryland Historical Society
- Monticello Visitor Center
- National Gallery of Art
- Nemours Mansion Visitor Center
- National Museum for Women in the Arts
- Peale Museum
- Smithsonian Natural History Museum
- Sports Legends Museum at Camden Yards
- Star-Spangled Banner Museum
- U.S. Holocaust Museum
- Virginia Museum of Fine Arts
- Walters Art Museum
- Winterthur Museum
- York Historical Society

**Our expertise includes:**

- ▶ Heating, ventilating, and air conditioning systems design
- ▶ Stable environmental control for numerous types of collections
- ▶ Humidification and dehumidification control
- ▶ Vapor flow and migration
- ▶ Fire protection systems design
- ▶ Electrical power systems design
- ▶ Interior, exhibit, and exterior lighting design
- ▶ Early warning fire detection and alarm systems design
- ▶ Feasibility studies
- ▶ LEED® and sustainable design
- ▶ Cost estimating
- ▶ Life cycle cost and value engineering analyses
- ▶ Energy audits, analyses, and conservation studies



Star-Spangled Banner Museum

*“Everything has worked very well. Now, the building is quiet, it’s the right temperature and the right humidity, and the air is fresh. It’s operating by the book.”*

**Gary Vikan**  
Director, Walters Art Museum

*“Our museum clients, and the architects they select, are sophisticated and knowledgeable about their objectives. We pride ourselves on being up to the challenge.”*

**Robert Marino, PE, LEED AP**  
**President,**  
**Mueller Associates**

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Walters Art Museum