

# REDWOOD LIBRARY AND ATHENAEUM

## Restoration and Expansion

### PROJECT OVERVIEW

The Redwood Library and Athenaeum is the oldest lending library in continuous operation in the United States. It was built in 1750 and designed by Peter Harrison (1716-1775), who is recognized as the first architect in colonial America. The restoration and expansion of this historic landmark more than two and a half centuries after initial construction was anything but typical.



### PROJECT SPECIFICATIONS

Contract Amount: \$1,200,000

Facility Type: Education/Historic Landmark

Facility Size: 24, 320 square feet

Schedule: September 2004 - January 2006

Location: Newport, RI

### SERVICES PROVIDED

Retrofit/New Construction  
HVAC/Plumbing  
Electrical  
Fire Protection  
Fabrication

### HIGHLIGHTS/ ACHIEVEMENTS

First installation of climate-control/re-suppression systems

Underground mechanical room and complex MEP systems support museum and archival storage

2007 AGC Build New England Performance Award

2007 Doris Duke Historic Preservation Award

### VALUE DELIVERED

Meeting all project budget and schedule goals, Arden performed comprehensive building system upgrades to protect historical artifacts and support evolving computer technologies. New mechanical rooms and first-ever climate-control/re-suppression systems were installed seamlessly within the historic architecture, such that they are virtually undetectable to the human eye.

### CONTACT US

505 Narragansett Park Drive  
Pawtucket, RI 02861  
401-727-3500  
www.ardeneng.com