



Mueller



> **The Walters Art Museum**
Baltimore, Maryland

A \$24-million renovation of a major art museum

Designing a Museum-Quality System for an Aging Complex

A \$24-million, multi-phase renovation program, the modernization of the Walters Art Museum addressed system deficiencies in both the circa-1908 historic building and its 1974 companion structure. The initial phase included detailed assessments of both buildings; and the second phase encompassed the renovation of the 1974 building, construction of a new southern entrance atrium, and the renovation of the lower level and mechanical/electrical systems in the historic building.

The new, energy-efficient systems remedied serious deficiencies in climate control, highlighted by a conversion to variable air volume, installation of a new condenser water-free cooling system, more efficient equipment, and improved control systems. The work also included a pre-action sprinkler system, an FM-200 fire protection system for art storage, an early warning fire detection and alarm system, lighting and control systems, and a new security system.

"Everything has worked out 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