



## ***Project Team & Metrics***

**Owner:** Chesapeake Bay Foundation

**Architect:** Smith Group

**Sustainability Consultant:** RMI/ENSAR

**Project Size:** 31,200 sq. ft.

**Construction Costs:** US\$6.3 million

**Completion Date:** December 2000

**Building Type:** Commercial

## ***Project Certification***

**First building to receive LEED Platinum Certification**

## **PROJECT DESCRIPTION**

When the foundation decided to build its new headquarters, it was no surprise that an environmental organization so dedicated to the preservation of Chesapeake Bay watershed would express its mission in the form of sustainable, “whole building” design. The result is an award-winning green building that is flexible, multi-purpose, and integrated with the surrounding community.

## **RMI/ENSAR ROLE**

RMI/ENSAR provided energy analysis, daylighting design, and consulting on LEED strategies as part of a design assistance team through the Sustainable Buildings Industries Council and funded by the U.S. Department of Energy.

## **PERFORMANCE/RESULTS**

This facility consumes approximately 19 percent less energy than a comparable facility designed to comply with the most recent ASRAE standard (90.1). RMI/ENSAR conducted energy analysis early in the design process where efficiency and climate responsive design strategies were recommended. The final analysis of the actual building design is within 5% of the RMI/ENSAR estimates.

## **RECOGNITION**

- Published in Environmental Design & Construction magazine (Jan/Feb 2000)
- Recognized as one of Top 10 Green Projects of 2001 by AIA COTE
- Received the Business Week/ Architectural Record Award for showcasing the best example of good design as good business.

