

SRP PROJECT of the MONTH

MERIWETHER LEWIS ELEMENTARY SCHOOL

Meriwether Lewis Elementary School, located in Charlottesville, Va., was recently renovated in a two year project to address aging equipment and air quality concerns. Existing Unit Ventilators were in need of replacement and an unconditioned outside air system led to problems with drafts and humidity control. The solution was to remove the outside air system, replace the Unit Ventilators, and install a new 100% outside air dehumidification system on the roof. The dehumidification system constantly supplies, dry, neutral air to the classrooms. As part of the upgrade all new lighting and ceilings were installed. All work was done during the summer 2008 break. The Boiler, Chiller, Pumps, and Air handling Units were replaced the following summer.

The photo below shows the Horizontal unit ventilator concealed in a soffit along the exterior wall.



SIMMONS ROCKECHARLIE & PRINCE
INC.
8416 Glazebrook Ave.
Richmond, Virginia 23228

Phone: 804-262-7323
Fax: 804-262-0021

SRP
Consulting Mechanical &
Electrical Engineers