

Kenwood House

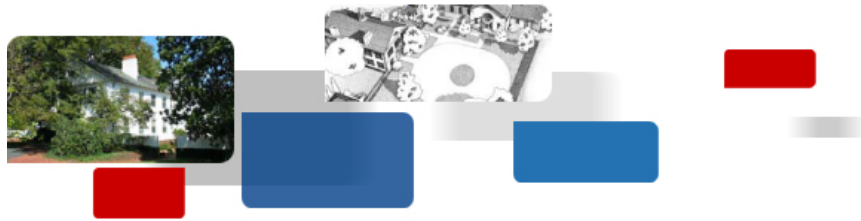
Case Study: **Kenwood House**

Market: **Specialty Architecture / Geotherma**

Location: **Charlottesville, VA**

“Sustainable design is a Jeffersonian concept. It also advances our preservation mission and makes good business sense over the long haul. The Foundation wants not only to practice stewardship but also to be a leader in the field.”

- Daniel P. Jordan, President Thomas Jefferson Foundation



Kenwood is the home of the Robert H. Smith International Center for Jefferson Studies. Built between 1939 and 1941 for Major General and Mrs. Edwin M. Watson on 78.5 acres of land (once owned by Jefferson), it served initially as a weekend retreat and later as a permanent residence. The estate includes a 15,000 sq. ft. research library and 3,000 sq. ft. of work space.

A Closer Look...

The Thomas Jefferson Memorial Foundation needed a partner to retrofit the existing HVAC system into an energy efficient vertical-well geothermal system, at their Kenwood House office facility in Charlottesville, VA. The foundation selected Riddleberger Brothers, Inc., a Comfort Systems USA company. The CSUSA team:

- Installed systems that maintained the overall look and feel of the historic building
- Delivered a project that came in on time and on budget
- Installed a geothermal system that incorporated water source heat pumps

Solutions

Due to the House's historic value, the owner was concerned with any architectural changes that would affect the overall look and feel of the building. In order to demonstrate that they were the ideal partner for this job, the Riddleberger Brothers team used a design/build approach that gave the owner direct input into the project's development.

The Riddleberger Brother's crew went above and beyond on the \$200,000 job. They renovated the HVAC system in the estate home from a traditional gas/electric system to a vertical- well geothermal system that incorporated water-source heat pumps. The project came in on-time, on-budget and met the owner's architectural needs.

Contact us to determine how we can service your business.

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