

DOERR-HOSIER CONFERENCE CENTER,

Aspen Institute Campus
Aspen, Colorado



efficiency | sustainability | simplicity

502 Whiterock Ave. | Crested Butte, CO 81224 | 970-349-1216 | info@reginc.com

Facility description:

22,000 ft² facility with multiple gallery spaces, 300-seat and 75-seat conference spaces, large commercial kitchen, and staff offices.

Energy use:

40% less energy than required by Aspen/Pitkin Code—some of the strictest in the country and has received the LEED Gold rating.

Resource Engineering Group services:

Mechanical, electrical and plumbing engineering and commissioning services, completed in 2007.

HVAC System description:

A ground source heat pump system (GSHP) system provides very efficient heating and cooling by moving heat to or from the outdoor pond as needed. A supplemental high-efficiency boiler supplies additional heat on the coldest winter days. The system has been designed and built to strict acoustical criteria. Key components to quiet operation include: slow air velocity, acoustic isolation for all equipment, custom air handlers, sound attenuation on ducts, and proper mechanical room detailing. Larger pipes and ducts mean less friction, which reduces energy use. This simple design principle was used throughout this system to increase efficiency.

