**Project Description:**
The project is a group home for at-risk youth boys that can house and educate up to 20 residents. This facility helps its residents overcome their psychological, academic, and social challenges while serving as a model project for energy efficiency and environmental stewardship. Overlooking the historic Carbria District of Christiansburg, the building is situated at the crest of a ridge and is centered in an inner courtyard which serves as a quiet place for reflection.

**Green Features:**
The building is designed to meet LEED® standards in green building and key components include:

- geothermal heating and cooling system
- compact fluorescent Lights
- certified wood
- rain water capture systems
- landscape features of rain gardens and native and edible plantings
- use of bamboo flooring, which is a rapidly renewable resource
- porous pavers
- Building Energy Monitoring System of HVAC and geothermal systems