



## Teeter – Lane Residence

Spartanburg, SC

Project Type: New Construction

Designers\*: Bob Bourguignon & Frazer Pajak

Builders: Columbus Construction



The owners, a writer and a college professor, enjoy backpacking, canoeing and are involved in local river clean-up and preservation projects. They wanted their new home to reflect their life-style, use "green" materials, and make a minimum impact on their forested site. Utilizing the LEED Rating System as a guide to a holistic design approach, the residence far exceeded the owner's expectations. The resulting design celebrates the forest, yet its rigid geometry, cable rails, and great wall, reminiscent of a ship under sail, contrasts the man made environment with the natural forest surrounding it.



### Sustainable Features

Building Orientation

- No east-west windows

- High efficiency windows

- Minimal lot footprint

- No turf

- Native planting

- Rainwater capture

- Daylighting

- Thermal Mass heating assistance

- Recyclable – high albedo metal roof

- No garage

- Cellulose insulation

- Low flow fixtures

- Bamboo Floors

- High efficiency appliances



\*Designed when with HP Architects, PC