

# CASE STUDY

**ahc** HARDWOOD  
group



## Residential Design, Lake Lanier, GA

This rustic woodland retreat is home for the family of Hal Mitchell, president of AHC Hardwood Group. Mitchell, a self-described “wood fanatic,” selected much of the wood for the Lake Lanier home, including sapele and red grandis, which is used extensively. Jillian Mitchell, a commercial interior designer, was largely responsible for the home’s design and many of the innovative wood applications. More than 23,000 board-feet of plantation-grown red grandis is used throughout the home for interior and exterior doors, Bahama shutters, base and crown moldings, door jams and casings, and plinth blocks, as well as the most unusual application — a bunk bed with a fire truck ladder for Mitchell’s son. Other woods used include cedar shake roofing, cypress siding and decking, and flat sawn sequence-matched paneled cabinetry. A screened-in porch features western red cedar walls and flooring made from thermally modified sweet gum VikingWood™. The thermal modification treatment process renders the wood structurally stable and fungus resistant, while also darkening the wood to a rich chocolate color.

**CLIENT:** Hal and Jillian Mitchell  
**PROJECT:** Family Home, Lake Lanier, Georgia

**PRODUCTS:** Red grandis, interior and exterior applications  
Cedar shake roofing  
Cypress front porch ceiling  
Cypress siding and decking  
VikingWood™ covered porch flooring  
VikingWood ash bar countertop  
Flat-sawn, sequence-matched paneled cabinetry  
Wide-plank flooring  
Wide-beam ceiling  
Paneled entry



**Red Grandis Interior Barn Doors**



**Sapele Veneer Entry**



**Wide-Plank White Oak Flooring**



**Sequence-matched White Oak**



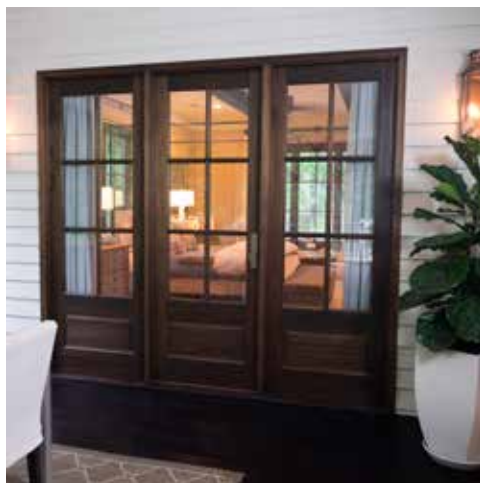
**Rustic Interior Cypress Beams**



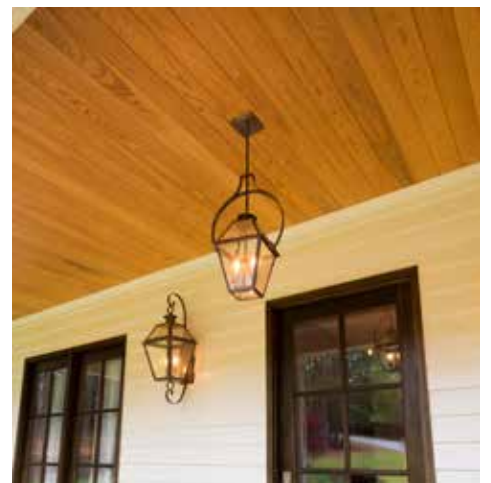
**VikingWood™ Ash Countertop**



**VikingWood™ Covered Deck**



**Red Grandis Exterior Doors**



**Cypress Exterior Porch Ceiling**