

Blackwell



USA

## VIRGINIA RANCH

### LOCATION

Rural Virginia

### COMPLETED

2011

### ARCHITECT

Diamond Schmitt Architects

### AREA

8,000 square feet

### DESCRIPTION

Enclosing a courtyard, this residence is built with typical wood I-joint floors with steel beams, and cast-in-place foundation walls and pad footings, as is the attached stables. The lateral system is plywood shear walls and portal frames with glulam columns. In terms of unique structural elements, the residence features two large, complex wood-burning chimneys constructed with steel frames and masonry infill, which share space with mechanical chases. The roof, made of exposed glulam, features a special overhang that required great attention.

Photo credit: Tom Arban