Residential
Sustainable Design

**Architect:**
Watershed
1520 West Main Street
Suite 102
Richmond, VA 23220
Phone: (804)254-8001
Fax: (804)254-8003
inquiry@watershedarch.net
http://watershedarch.net

**Owner:**
Private Residence

**Project Cost:**
n/a

**Square Footage:**
n/a

**Cost per Square Foot:**
n/a

**Completion Date:**
n/a

---

**Project Description:**
Driven by the desire to build a “not-so-big-house”, the owner’s goal for this project was to create a place with a timeless quality and an internal spatial arrangement that did not adhere to traditional precepts. Emphasizing informal family living, the program consists of 4 bedrooms, 3 ½ baths, open living/dining/kitchen space, library/study, ample storage, and a full basement with workshop and recreation space. The architectural character of the house is drawn from the precedent of American cottages and bungalows: deep, inviting porches, comfortable human scale and richness of detailing.

**Green Features:**
Exemplifying sound environmental decision making through low energy design, the structural frame is designed per optimum value engineering principles and resource-efficiency. The resultant high thermal value envelope integrates with both a high performance HVAC system (including energy recovery ventilation and electronic filtration) and natural ventilation and daylighting to create a low energy, high indoor air quality environment. IAQ is further improved through the use of non-toxic paints and finishes. Recycled, salvaged, and low impact materials are used throughout including reclaimed maple floors, composite decking, and engineered lumber.