

Owner & Developer

Community Housing Partners

General Contractor:

Community Housing Partners

Architect:

Community Design Studio, LLC

Size:

- 1 duplex (main floor=864 square feet; upper floor=544 square feet)
- .343 total acres

Resident Characteristics:

- One unit sold to first-time homebuyer earning at or below 80% of the area median income; one unit sold to first-time home buyer earning at or below 60% of the area median income

Green Features:

- Earth Craft™ House certified
- Advanced framing techniques
- Solar hot water heater and Marathon high efficiency hot water heater
- 15 SEER heat pump
- All hardwood and ceramic tile flooring; no carpet
- Fiber cement siding
- Compost bins
- Rain barrels for stormwater collection
- R-19 exterior walls, R-38 attic insulation
- Low VOC paints and finishes
- Compact fluorescent light bulbs (CFL's)
- Solar-powered roof vents
- Blown cellulose/formaldehyde free insulation
- Low-flow toilets, shower heads, and faucets
- ENERGY STAR® rated appliances, light fixtures and windows
- Native landscaping
- Solar orientation, passive design strategy, and deep overhangs
- Porous paving areas

Completion Date:

Spring, 2009



Project Highlights

The Wilson Avenue project in Blacksburg, Virginia is a duplex housing unit comfortably situated in an established neighborhood and built for sale to low-to moderate-income households.

In addition to the affordable purchase price, the homes are also economically sustainable. The long-term cost of maintenance and upkeep of the Wilson Avenue units is less than conventional housing because they are created with durable building materials and feature energy-efficient appliances and design elements.

As a certified EarthCraft House, other environmentally-responsible features of the duplex include low VOC paints and finishes, light harvesting measures, advanced framing techniques, porous paving areas, and native landscaping.

