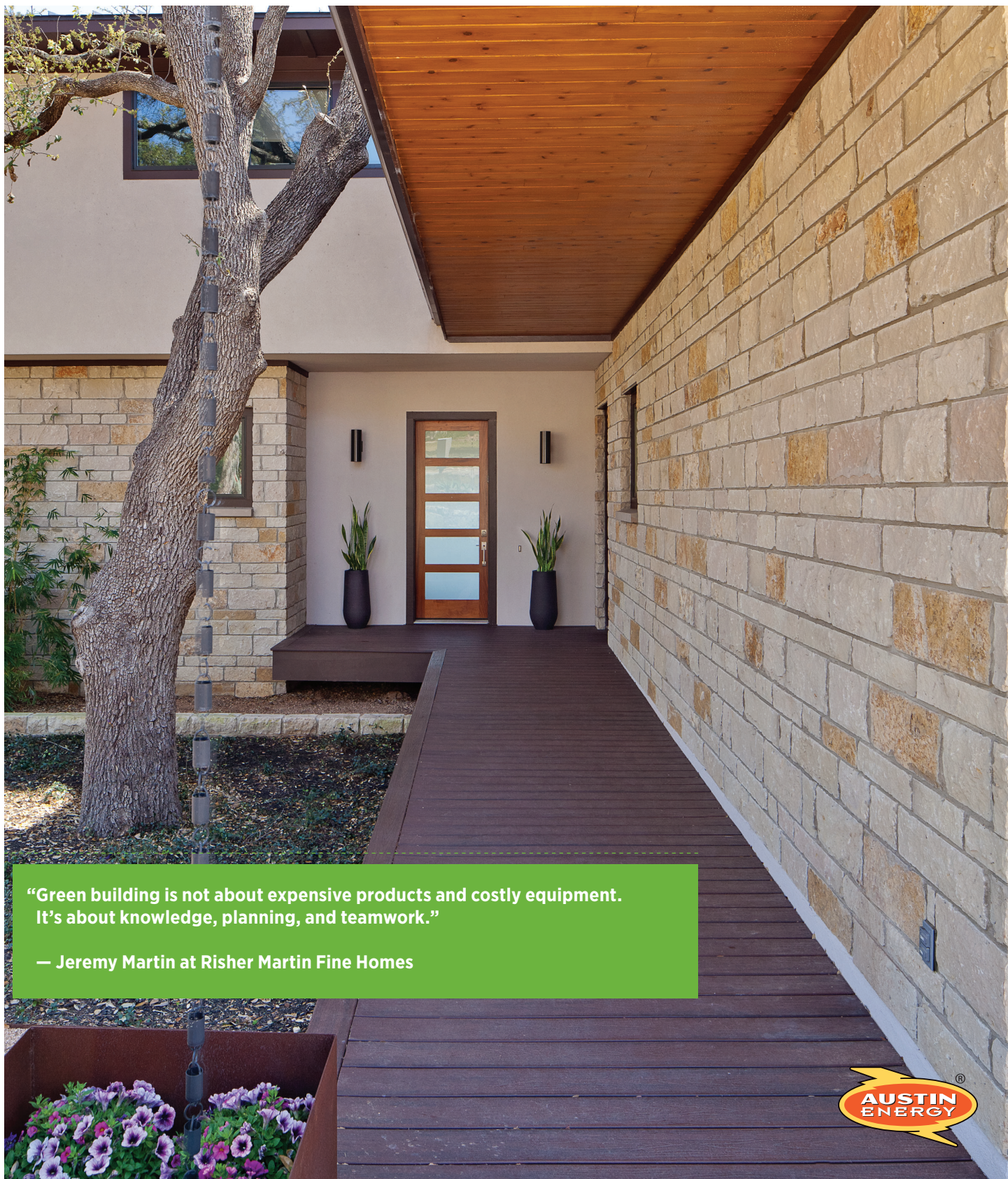




## CASE STUDY CETONA COURT

GREEN BUILDING RATING:  
★★★★★



**"Green building is not about expensive products and costly equipment.  
It's about knowledge, planning, and teamwork."**

**— Jeremy Martin at Risher Martin Fine Homes**







## CASE STUDY CETONA COURT

GREEN BUILDING RATING:  
★ ★ ★ ★ ★

### TOP FEATURES:

- » Sealed house—All HVAC equipment located within the thermal envelope and foam seal throughout
- » All new plants from Grow Green list and turf grass < 2000 s.f.
- » Shading on east and west wall for at least 50% of wall area
- » ENERGY STAR® metal roof
- » LED lighting throughout the house

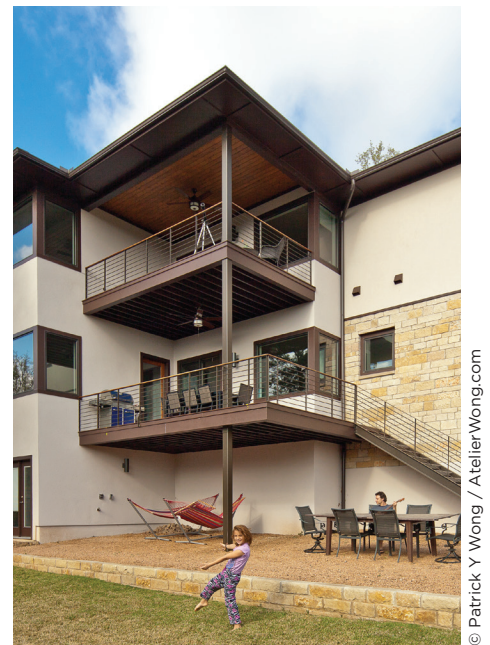
### PROJECT DESCRIPTION:

Cetona Court was designed to accommodate and adapt to the changing needs of a multi-generational family. The project features a home office that is a primary work space (including a separate entrance, spiral stairs and secret bookcase to the main house.) Other design considerations revolved around a protected tree including a 36' long suspended bridge to maintain critical root zone clearances. Sustainable measures were considered at every opportunity to create a house that is beautiful, functional and environmentally sensitive.

### ENVIRONMENTAL FEATURES:

The Cetona Court House is an example of challenges becoming creative solutions. The lot for this house has a significant slope and a protected tree where the building footprint was intended, which created a number of logistical issues in designing the structure. A 36' clear bridge span allows access to the house while maintaining the critical root zone clearances of a 23' Live oak in the front yard. The oak is also used to shade the small window openings on the west façade. The entire building envelope is sealed in order to improve the performance of the insulation and HVAC, which provides 1 ton of cooling for every 650 s.f. of living area.

The majority of the interior lighting is LED and every room has a ceiling fan. Energy efficient fixtures and appliances are used throughout, including tankless water heaters. The landscaping and ground cover are drought tolerant (with less than 2,000 s.f. of turf grass) and the slope of the lot contributes to the irrigation of all of the beds. The house is also designed to be used as home and office, which significantly reduces carbon footprints. The project is located within 1/2 mile of retail, a bus stop, a park, and schools and is designed to adapt to a family that continues to grow and change.



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### PROJECT PROFILE

**Zip Code** » 78746

**Neighborhood** » The Overlook at Treemont

**Cost per SF** » \$150

**Building SF** » 3922 square feet

**Lot Size** » 9959

**Architect** » Richard Weiss AIA,  
Weiss Architecture Inc

**Builder** » Chris Risher, Risher Martin

**Builder** » Jeremy Martin, Risher Martin

**Austin Energy Green Building** is leading the building industry to a sustainable future with green building ratings and educational/professional development services.

**Location** » 811 Barton Springs Rd., Suite 400  
Austin, TX 78704

**Mail** » 721 Barton Springs Rd., Austin, TX 78704

**Phone** » 512.482.5300

**E-mail** » [greenbuilding@austinenergy.com](mailto:greenbuilding@austinenergy.com)

**Web** » [greenbuilding.austinenergy.com](http://greenbuilding.austinenergy.com)

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