

ENERGY FEATURES

- Passive solar heating and cooling
- Glazed South facing windows
- 4" concrete floor thermal mass
- Radiant floor heating
- Plans for PV awning system

GREEN FEATURES

- North side of addition straw bale
- S.I.P. roof panels
- Recyclable framing system

WATER FEATURES

- Two button flush toilet
- Xeriscape landscaping

RE-USE / SALVAGE FEATURES

- Used roof from old house for framing
- Re-finished wood floors



J.P. and Julie Boylan



Boylan Residence

Good Sense Design

J.P. and Julie Boylan

After finding that everything desirable in the neighborhood we settled on was unaffordable for us, we decided to take on the challenge of building our own home. We purchased this house for its affordability and add-on potential. It was a single story 925 sq ft rectangle in need of some "curb appeal" and extra space. We chose architect Brian Fuentes due to his immense enthusiasm for our project (not to mention his willingness to work for Saltines). After letting Brian have free reign we ended up with a striking modern design with an eye towards sustainable construction and efficient operation. We wanted something that would be efficient after living in a drafty rental for the four previous years. We were more intrigued than anything about the strawbale infill insulation, and having friends over for the stacking process turned out to be one of the most rewarding parts of the whole construction.

Most of the sustainable and "green" items in the house just make good sense, not only from an environmental perspective but also from functional and design perspectives.

As a result, we have a house that first and foremost is functional, efficient, and attractive (although we've found that not everyone shares our enthusiasm for modern architecture). Having an architect that was knowledgeable about green building eliminated the compromises that we expected with building a green structure.

This was a great process and totally rewarding. We realized what mass-produced homes are missing: they don't take into account the advantage of solar and produce unnecessary waste. We made a conscious decision to have an eco-friendly home and are very happy with the result. We are also VERY grateful to our many friends that helped us along the way. This project would not have been possible without their help and encouragement.

Year Built 2004-5

Home Size 2353 Sq.Ft.

Architect/Designer
FuentesDesign.com

Builder
Homeowners

Strawbale Contractor
Ryan Chivers, Tony Caniglia

**City of Boulder Green
Points Profile** 60 required,
171 received