

Architects' green home going 'off the grid'

BY BUSINESS REPORT STAFF

BOULDER — A local home designed and built by Boulder-based VIGILarchitectureSTUDIO — using numerous green building techniques — is being featured in the September issue of Dwell magazine.

The home at 99 Hickory Ave. in Boulder will be highlighted in the "Off the Grid" section of the architecture and design magazine that is based out of San Francisco. The issue is expected to be available on newsstands Aug. 8.

Known as the Hickory House, the 2003 home was designed and built by Joseph Vigil and Brandy LeMae, who founded VaST in 2001.

Construction costs for the 3,000-square-foot house were approximately \$90 per-square-foot, excluding city, contractor and architecture fees, LeMae said. The home was designed using passive solar and case study principles, and the couple decided to use their personal residence as an experiment for many sustainable and green building techniques, she said.

The environmentally friendly components of the home include:

- Eco Foundation: Cempo® Insulated Concrete Forms (ICFs)
- Walls/Roof: Premier® Structurally Insulated Panels (SIPs)
- Windows: Sierra Pacific® Sustainable Forestry Initiative Low-E
- Buderus Furnace and side-arm water heater, radiant in-floor heating system
- Trex® recycled content decking
- Forbo® true linoleum with wheatstheet underlayment used for countertops
- Pl Premium® low-solvent construction



COURTESY BRANDY LEMAE

Photographers with Dwell magazine set up lights to take pictures of a Boulder home at 99 Hickory Ave. The home will be featured in the September issue of Dwell.

adhesives

- Dimmer switches and compact fluorescent lighting
- 100 percent recycled material cotton insulation, formaldehyde free
- Sustainably harvested lumber and ACQ greenboard
- Engineered wood used in structural

framing

"We would definitely suggest these materials to clients and look forward to working with additional high-performance design and building techniques in the future," LaMae said.

The house will be open for tours during Open Studios Oct. 1, 2 and 8, 9.

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