

Featured Project

FIRE RESISTANT CANYON HOME

Contemporary Fire Loss Rebuild



ALLEN
CONSTRUCTION

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One of the owners' goals was to produce as much of their own energy needs as possible. An 8.64 kW PV system provides the majority of the electricity this home consumes.

Project Highlights

1,765 SF MAIN HOME

1,431 SF GARAGE / OFFICE



The original home on this canyon lot was destroyed by wildfire which created the unanticipated opportunity for the owners to build a new, contemporary, fire-safe home with numerous green elements.

This home was also designed to take advantage of cooling breezes – extremely important in this canyon location. Key elements include:

- Large overhangs to provide shade & reduce heat gain.
- Large retracting doors on the east & south facing walls allow cooling breezes into the home.
- Ceiling fans that circulate air to further cool the interior.

Other sustainable elements include passive solar design, LED lighting throughout, on-demand water heating, floors made from renewable cork and bamboo, and a greywater system that carries rinse water from the washing machine and two outdoor showers to irrigate landscaping on the hillside behind the home.



Partners

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