

Rob Nicely



Fine Custom Homes

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Carmel Building & Design

- Have been a high end residential new-construction and remodel/additions design/build firm
- Have spent the last 5 years developing capacity to do “green” construction
- Have integrated many “green” practices into existing business model
- Are looking to expand into other markets (e.g. affordable housing)





A house is a collection of systems

- Operates within context of larger systems – the community, the Earth
- What's good for the Earth should be good for the homeowner

Components of Green Building

- Energy Efficiency
- Resource Conservation
- Water Conservation
- Indoor Air Quality
- Livable Communities

Improving the Process

- Careful Planning and attention to detail from the outset of design through all phases of construction
- Understanding of building science principles, including the principles of air, heat, and moisture flow.
- Good communication among the entire team including the developers, architects, engineers, builders, trade contractors, and material suppliers.

Improving the Process (cont'd)

- Proper sequencing of decision-making and building activities throughout the entire design and construction process.
- Adequate training and supervision to ensure quality construction.
- Testing and verifying performance during and after construction, and establishing a feedback loop to improve future designs based on the testing results.

-Build It Green, New Home
Construction Green Building Guidelines