A Quick Reference for Green Building

The Fuller Center for Housing is dedicated to being a good steward of the environment and works to make all its building projects as green as possible within the budget and scope of the job. We believe by applying proven green building strategies we can make any new or existing home a healthier, more energy efficient, and more comfortable place to live.

Low-cost/high-value options for Fuller Center Covenant Partners to consider:

VOLUNTEERS

- Make volunteers and contractors aware of the need to build green by using building and other resource materials efficiently.
- Have all volunteers use refillable water containers for drinking while on sites.
- Have recycling containers available on site for volunteers to use for recyclable waste materials.

NEW HOMES

- Site selection - Passive solar design: Try to place the longest walls of the house on an east-west axis. Site selection should include good drainage to keep moisture away from structure.
- Insulate - Use insulation and builders felt in walls, floors and ceiling to reduce heat loss. The use of 2x6 walls allows for more insulation. Fully insulate areas around HVAC ductwork. Insulate hot water pipes.
- Seal - Caulk and foam all exterior and attic/basement penetrations. Seal around windows and use foam insulating templates around all switchboard covers on exterior walls. A 6" foam sill seal gasket and a protective membrane should be used between the concrete footer and the bottom of the wall plate. This will serve as insulation and a capillary break which will act as a termite barrier.
- Install low-e windows, low-flush toilets, low-flow shower heads, and fluorescent and low energy use lighting
- Use low odor paints and finishes

GREATER BLESSING PROJECTS

- Blow insulation into attic and flooring when possible
- Consider replacing draft doors and windows that waste energy
- Consider using recycled materials such as used cabinets
- Caulk and foam all exterior penetrations
- Use low odor paints and finishes