

passive solar design

The House of Green takes advantage of the winter sun's warmth and the summer's cool breezes with its southern orientation.

The specific Pella windows use glass with a solar heat gain coefficient of .56. Coupled with the hard surface, insulated flooring to retain the heat, this allows for heat gain in the winter.

The cantilever design over the basement window casing provides shade to minimize heat gain in the summer.

DID YOU KNOW?

The side of the street a house is located on can influence the amount of energy required to heat and cool it.