

GREEN BUILDING DESIGN

As a progressive and primarily south-facing community, Summerland has the opportunity to take advantage of solar energy and green technologies.

Towards that end and to the extent feasible, new construction should incorporate the following green building features and site placement techniques:

- Durable construction materials such as cement fiber siding.
- Green materials including recycled-content carpet, cellulose insulation, engineered lumber, certified wood, natural floor coverings, and recycled-content interior finishes.
- Low and no Volatile Organic Compound (VOC) paint and finishes.
- Natural ventilation and daylighting strategies in the design and placement of the buildings.
- Site placement and orientation of homes that take advantage of natural heating and cooling, sun and wind exposure, and solar energy opportunities.
- Energy and water efficient appliances and fixtures, lighting, and windows that meet or exceed state energy performance standards. Waste recycling during construction.
- Solar energy alternatives allowing for electrical and/or heat generation.

A FAR credit may be available for newly-built or retrofitted homes, which are certified by the US Green Building Council's Leadership in Energy and Environmental Design program (LEED). (See Chapter 4 for more details.)

ACKNOWLEDGMENTS

- County of Santa Barbara, Eastern Goleta Valley Residential Design Guidelines
- City of Santa Monica, Green Building Program <http://greenbuildings.santa-monica.org/>

RESOURCES

- City of Santa Barbara Solar Design Guidelines & Recognition Program <http://www.santabarbaraca.gov/Resident/Home/Guidelines/#SolarDesignGuidelines>
- Built Green Santa Barbara <http://www.builtgreensb.org/home.html>
- US Green Building Council & LEED <http://www.usgbc.org/>
- Global Green USA <http://www.globalgreen.org/>