



Greensheet

GREEN BUILDING MAKES SENSE FOR LOW COST HOUSING

OUR HOMES OFTEN INCLUDE

- Solar panels save homeowners approx. \$30 each month in energy bills.
- Energy efficient fixtures and appliances.
- Fluorescent fixtures and bulbs reduce electrical load.

CONSTRUCTION & MATERIALS

- Engineered lumber for floor framing and engineered roof trusses for roof framing reduce the use of solid-sawn lumber.
- 40 year composition shingle roofing exceeds basic 20 year roof.
- Fiber cement siding "hardiplank" reduces the demand for redwood or cedar siding. It is a durable, non-combustible product.
- Engineered floors (laminated) have lower first cost and are extremely durable.
- Low VOC (volatile organic compounds) exterior and interior paint.

SITE

- Cluster development to minimize paving and utilities.
- Seek out infill sites close to downtown and public transportation.
- Recycle jobsite construction waste is offset by reduction in dump fees.
- Reduced footprint by building multiple floors

ENERGY

- Townhouse-type design with common party walls saves energy.
- Roof sheathing has aluminum radiant coating on attic side to reduce attic heat build in the summer and reduce heat loss from the attic in the winter.
- Attic insulation (R38) exceeds state regulations (Title 24)

- Hot water pipes fully insulated with R4 min. insulation.
- Heating ducts fully insulated with R6 min. insulation.

WATER CONSERVATION

- 1.6 gallon flush toilets and 2 1/2 gallon per minute faucets and showerheads reduce interior water use.
- Water conserving clothes washer.

WASTE MANAGEMENT

- Recycle most construction and demolition waste.
- Provide space for large recycling bins in garages.
- Houses designed for durability and long-term use thus reducing future maintenance and deconstruction waste. Properly maintained, the houses should last 100 years or more.

INDOOR AIR QUALITY

- Interior finishes and paint low or no VOC (volatile organic compounds).
- Wall and ceiling insulation made of fiberglass or other green insulation product.
- Kitchens include exhaust fans at range hood with ducts to exterior.

Green at a Glance

- Site Planning
- Energy Efficiency
- Renewable Energy
- Resource Conservation
- Resident Health