

Benefits of Green Building

*Infill residential development:
Park Avenue, Chico*



Livable Communities

- ▶ **Compact Urban Form** Preserves open space, provides pedestrian and bicycle friendly neighborhoods, opportunity for work/school/amenities closer to home
- ▶ **Mixed-Use Development** Means reduced dependence on cars, cleaner air, reduced traffic congestion, economic vitality
- ▶ **Infill Projects** Revitalize older areas, utilize existing public infrastructure and services, preserve open space

Green home (not in Chico) with functional landscaping, solar panels



Energy Efficiency

- ▶ **Improved Energy Efficiency, Using Renewable Energy** Reduces energy supply interruptions, improves air quality, reduces environmental degradation associated with energy production, reduces impacts of global warming, saves money by reducing utility bills

Low profile wind turbine, San Francisco



Safe, Healthy Interiors

- ▶ **Improved Indoor Air Quality** Means safer, healthier, more productive spaces to live, work, and play

Water-efficient California native landscaping



Resource Conservation

- ▶ **Use of Reused/Recycled Materials** Uses fewer virgin materials, diverts waste from landfills
- ▶ **Construction Management** Advanced framing practices, use of engineered lumber, and certified wood products reduce lumber requirements
- ▶ **Use of Durable Materials** Last longer, require less maintenance, less waste

Green or vegetated roof manages stormwater, insulates building, provides open space



Water Conservation

- ▶ **Water Efficient Fixtures** Lower potable water consumption, lower water bills, lower environmental impact
- ▶ **Water-wise Landscaping** Makes for low maintenance and low water use, potential to use native plants