GREEN SITING AND LAND USE

□ Select a Good Site - Avoid development on sites that are: agricultural; in the 100-year flood plain; subject to landslides, erosion or wildfires; habitat to endangered species; wetlands.

□ Redevelop Urban Areas - Channel development to urban areas with existing infrastructure, protecting greenfields and preserving habitat and natural resources.

□ Alternative Transportation - Reduce pollution and land development impacts from car use by locating buildings near transit, providing bicycle amenities, and encourage carpooling.

□ Reduce Site Disturbance - Conserve existing natural areas and restore damaged areas to provide habitat and biodiversity.

□ Manage Stormwater - Eliminate storm water runoff, increase on-site infiltration, and reduce contaminants. Minimize impervious surfaces so groundwater can recharge.

□ Reduce Heat Islands by eliminating or shading blacktop paving and dark roof surfaces.

□ Reduce Light Pollution - Eliminate light escape/inefficiency from the building site. Improve night sky visibility.

GREEN WATER

□ Water Efficient Landscaping - Minimize the use of potable water for irrigation by using xeriscaping and high efficiency irrigation technologies, including drip irrigation, rainwater capture, graywater, etc.

□ Reduce Water Use - Maximize water efficiency within buildings. Specify water-efficient fixtures and equipment.

GREEN ENERGY AND ATMOSPHERE

□ Optimize Energy Performance through siting, orientation, building form, insulation, glazing, daylighting, and controls. Study performance with energy modeling programs. Design including all parties of the project team from inception.

□ Promote Renewable Energy and minimize reliance on limited fossil fuels by incorporating on-site renewable energy sources such as solar, wind, geothermal and biomass.

□ Commission your building - Verify that the building is designed, constructed, and calibrated to operate as intended with third party quality control assurance.

□ Eliminate HCFCs - Reduce ozone depletion by installing HVAC and refrigeration equipment and fire suppression systems that do not contain HCFCs.

GREEN MATERIALS

□ Reuse Buildings - Extend the life cycle of building stock, conserve resources, retain cultural resources, reduce waste, and reduce environmental impact of new buildings.

□ Manage Construction Waste - Divert construction, demolition, and land clearing debris from landfills. Redirect recyclable material back to the manufacturing process.

□ Reuse Resources - Specify salvaged or refurbished materials such as wood flooring/paneling/cabinets, doors and frames, mantels, ironwork, decorative light fixtures, brick, masonry.

□ Use Recycling/Recycled Content - Provide for occupant recycling of waste. Specify products that contain recycled material.

□ Specify Regional Materials - materials that are harvested, extracted and manufactured regionally reduce transportation.

□ Specify Rapidly Renewable Materials such as straw, bamboo and some woods.

□ Use Certified Wood - Specify wood from certified sustainably managed forests.

GREEN INDOOR ENVIRONMENT

□ Carbon Dioxide Monitoring/Exhaust - Install independent system or make a function of building HVAC system.

□ Assure Ventilation Effectiveness - Employ architectural and HVAC design strategies to increase ventilation effectiveness and prevent short-circuiting of airflow delivery. Consider underfloor HVAC and operable windows.

□ Low-VOC Materials - Specify low-VOC adhesives, sealants, coatings, composite wood products and carpet systems.

□ Control Indoor Chemical and Pollutants - Install entry grates to capture dirt. Separately ventilate areas of chemical use and storage. Appropriately plumb drains used for liquid waste disposal. Protect ventilation system during construction.

□ Controllability of Systems - Provide a high level of individual control of thermal, ventilation and lighting systems.

□ Daylight and Views - Provide a connection between indoor spaces and outdoor environment through the introduction of sunlight and views in a glare-free way. Consider courtyards, atriums, clerestory windows, skylights, and light shelves.