Potential Sustainable Strategies

Sustainable Sites
Intent: Minimize project impacts on the site and surrounding areas before, during, and after construction.

1. Erosion and sedimentation control
2. Reduce site disturbance – provide habitat and promote biodiversity
3. Protect or restore open space
4. Minimize parking lot size
5. Reduce heat island effect (green roofs, shade trees, light colored paving)
6. Reduce light pollution
7. Provide Bicycle Storage
8. Preferred parking for alternative fuel vehicles and carpools
9. Reduce storm water run off

Water Efficiency
Intent: Reduce generation of wastewater and potable water demand by increasing water efficiency.

1. Provide water efficient landscaping – native species, high efficient irrigation, rain water collection, etc
2. Reduce the generation of waste water and potable water use with ultra-low flow fixtures, waterless urinals, occupant sensor controls.

Energy and Atmosphere
Intent: Improve the energy performance of buildings to lower costs, reduce pollution, and enhance comfort.

1. Commissioning before, during and after construction
2. Purchase green power
3. Produce renewable energy on site – photo voltaic panels, wind turbines, etc
4. Reduce energy consumption (heat use recovery, Energy Star compliant equipment, etc)
5. Adopt a schedule to eliminate HVAC equipment that uses CFC refrigerants.

Materials and Resources
Intent: Reduce the environmental impacts associated with the production and delivery of new building products.

1. Designate areas for recycling
2. Building reuse
3. Construction waste management – divert construction and demolition debris from landfills
4. Reuse of salvaged materials
5. Use products with recycled content
6. Regional materials – use products manufactured in a radius of 500 miles
7. Use rapidly renewable materials – bamboo, linoleum, wool carpets, etc
8. Use FSC-certified wood products

Environmental Quality
Intent: Enhance the indoor environment and optimize interior spaces for building occupants.

1. Establish minimum Indoor Air Quality (IAQ) Performance
2. Prohibit smoking in the building
3. Monitor CO_2 levels
4. Construction IAQ management during construction and before occupancy (protect ductwork and two week flush out)
5. Reduce off gassing by providing low emitting materials (carpet, composite flooring, adhesives and sealants, wall and ceiling finishes, flooring systems, composite wood, etc)
6. Controllability of Systems – provide individual occupant controls
7. Provide daylight and views

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