

SUSTAINABILITY PRINCIPLES

- SP1: Site
- SP2: Design
- SP3: Materials
- SP4: Technology



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SUSTAINABILITY PRINCIPLES



SP1: Site

- ❑ Infiltration
- ❑ Rain gardens
- ❑ Reduce site impact/disturbance
- ❑ Mandatory on-site construction waste recycling
- ❑ Xeriscaping with native vegetation when appropriate
- ❑ Encourage accessibility to pedestrian paths & public transportation

SP2: Design

- ❑ Energy modeling
- ❑ Whole-house systems approach
- ❑ Complementary scale and proportion
- ❑ Optimize both passive and active solar orientation
- ❑ Responsible use of renewable materials, resources, & energy

SP3: Materials

- ❑ Energy-efficient thermal envelope
- ❑ Non-toxic paints, stains, and finishes
- ❑ Local building materials when appropriate
- ❑ Promote healthy environmental air quality (EAQ)
- ❑ Promote the use of reclaimed materials when appropriate
- ❑ Promote materials containing recycled content when appropriate

SP4: Technology

- ❑ Toned window glazing
- ❑ Energy-efficient appliances
- ❑ Programmable thermostats
- ❑ Whole-house systems monitoring
- ❑ Wall systems: 2"x6," ICF's, SIP's, Straw Bale
- ❑ Programmable landscape irrigation systems
- ❑ PV, Solar Thermal, Geothermal, Wind Turbines, and more
- ❑ Third-party verification: EnergyStar (HERS), Built Green, LEED
- ❑ Energy-efficient, multi-zone HVAC systems (Radiant, HRV, Whole-house fans)

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