

OBJECTIVES	ENERGY	WATER	MATERIALS	LAND
OBJECTIVES ACROSS THE BOARD	Build in ways that are beautiful, inspiring, and nourish life Broaden financial accessibility Seek out and embrace synergistic opportunities			
RESILIENCE, SELF-RELIANCE, & COOPERATIVE ECONOMY	<ul style="list-style-type: none"> - Energy Independence: Meet all thermal & electrical energy needs on-site - Minimize or eliminate reliance on fossil fuels for power (transport, power equipment...) - Minimize external dependence for energy system maintenance - Build in redundancy for energy capture, use, and storage 	<ul style="list-style-type: none"> - Water Independence: meet all water needs on-site - Prioritize rainwater capture, use, and storage - Build in redundancy for water capture, use, and storage - Utilize thermal and mechanical energy from water - Store enough water for use for x weeks/months 	<ul style="list-style-type: none"> - Source at least 30% of materials from within 300 miles, including on-site sourcing - Favor local craftspeople, laborers, and businesses wherever possible - Favor durable and adaptable materials and components that are simple to maintain - Minimize or eliminate waste - Establish transparent supply chains for off-site sources 	<ul style="list-style-type: none"> - Grow at least 35% of basic food needs on-site; strive to meet essential shared food needs within 300 mi. - Meet some personal care, fiber, materials needs on-site; strive to meet essential needs within 300 miles - Build knowledge base, skills, and physical capacity to meet basic community needs from our land - Maintain short-term emergency food storage (X weeks/months)
THRIVING LIVING SYSTEMS	<ul style="list-style-type: none"> - Minimize total life cycle impacts of energy generation, storage, and use - Reduce energy demand through design and lifestyle adaptations before adding demand/dependence/impact - Use energy sources best suited to specific demands and natural flows (eg. windmills mechanically filling watertowers when it's windy) 	<ul style="list-style-type: none"> - Give back better quality water than we took - Do not exceed pre-development rate of stormwater discharge - Capture runoff and recharge groundwater within the landscape in ways that mimic nature 	<ul style="list-style-type: none"> - Minimize total life cycle impacts of all materials; favor renewable and biodegradable materials that safely return to the land - Reduce or eliminate toxicity, adopting Living Building Challenge Red List guidelines - Harvest any on-site materials sustainably 	<ul style="list-style-type: none"> - Increase and regenerate biodiversity, soil health, and biota health - Model farming and forestry on patterns and resilient features of natural ecosystems (e.g., permaculture, agroforestry) - Connect all systems with farm and forest (e.g., green roofs and walls, rain gardens, terraria)

CLIMATE ACTION	<ul style="list-style-type: none"> - Plan for changing energy needs and impacts on energy systems due to changing climate - Utilize carbon-neutral or carbon-negative energy capture methods - Harvest energy from waste, e.g., biogas from sewage and vegetative leftovers 	<ul style="list-style-type: none"> - Plan for major variability in rainfall patterns - Plan for possible long-term changes in quantity and quality of water from aquifer 	<ul style="list-style-type: none"> - Select materials for potential major variability in climate - Reduce use of embedded carbon by at least 25% over conventional materials; sink carbon in materials - Use wildfire-resistant exterior materials and design - Use materials that can withstand greater climate extremes 	<ul style="list-style-type: none"> - Build ecosystem resilience for increasing climate irregularity - Sequester significant carbon in soils and trees/plants, consistent with overall ecosystem health - Manage fire risk
VITALIZE HEALTH AND HAPPINESS	<ul style="list-style-type: none"> - Minimize noise, visual, and health impacts of energy systems - “Rethink the contemporary culture of consumption and convenience” (P&I #33) for lower impact <i>and</i> healthier lives - Ensure all living spaces have natural light and ventilation 	<ul style="list-style-type: none"> - Incorporate water’s natural aesthetics, patterns, movements, and sounds throughout buildings and the landscape 	<ul style="list-style-type: none"> - Incorporate natural materials and patterns - Make natural processes visible - Design for ample natural light and ventilation, views to nature - Design quiet buildings, using noise-reducing materials wherever possible 	<ul style="list-style-type: none"> - Enable healthier diet and exercise through productive and recreational activities on the land - Create and maintain extensive and varied outdoor spaces for recreation, community work, connection, exercise, meditation, celebration, etc.