

JOHNSON COUNTY SUSTAINABILITY MINIMUM STANDARDS Page 1 of 2 2014

MARK WHEN COMPLETED	CATEGORY	STANDARD	NOTES
	1. Collaboration/Integration		
		1.1 Hold a planning and visioning meeting on project aims, sustainability minimum standards (SMS) and options to meet aims.	
		1.2 Use sustainability contract language and specifications in bid and other documents.	
		1.3 Consider Wellness objectives and Blue Zones section on Habitat/Physical Environment (Coordinate with Wellness Health Educator).	
	2. Guiding Standards		
		2.1 Use Lifecycle Cost Assessment.	
		2.2 Account for and mitigate Greenhouse Gas emissions.	
		2.3 Use stormwater Best Management Practices (BMPs) during construction and ongoing operations (specifics below).	
		2.4 Use resource-saving energy and water fixtures (specifics below).	
	3. Location/Transportation		
		3.1 Design for alternative transportation: walk, bike, carpool, mass transit unless extenuating circumstances.	
	4. Site Sustainability		
		4.1 Prevent erosion, runoff and air borne dust during construction. The County's Soil and Water Conservationist or Iowa DNR must review and sign off on plan.	
		4.2 Install ongoing storm water best management practices; comply with all stormwater regulations per the JC Unified Development Ordinance or municipal requirements.	
		4.3 Reduce heat island effect through roof and/or non-roof measures.	
		4.4 Comply with all applicable lighting downcast regulations per the JC Unified Development Ordinance or applicable municipal ordinance.	

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	5. Water Efficiency		
		5.1 Install interior water-saving fixtures to achieve 20% quantity savings over baseline (similar to LEED).	<i>Watersense labeled or equivalent</i>
		5.2 Reduce outdoor water quantity use by 30% of baseline or no permanent irrigation after two years.	<i>Strongly consider using native plantings that do not require irrigation.</i>
	<i>For new construction</i>	5.3 Install a dedicated water meter.	<i>Measure potable water use in building/grounds</i>
	6. Energy and Atmosphere		
		6.1 Energy efficiency performance: better code by 10%; always strive to be as efficient as possible.	<i>Focus is on performance not material content.</i>
		6.2 Use passive daylighting to reduce lighting energy load.	
		6.3 Install motion-sensitive and other automated switches or demand-response where appropriate.	
	<i>For new construction</i>	6.4 Install dedicated electrical meter; install sub-meter devices, as appropriate, to better measure energy usage.	
		6.5 Add energy misers or equivalent technology to vending machines.	
		6.6 <i>New construction may not use retrofitted chlorofluorocarbon (CFC)-based refrigerant HVAC or refrigeration systems. Renovations should attempt to replace any CFC systems.</i>	<i>New equipment will not have any CFC refrigerants. For renovations, units with less than .5 lbs. of refrigerant can remain.</i>
	7. Materials and Resources		
		7.1 Construction / demo material planning (recycling, reuse, etc.).	
		7.2 Once building is occupied, require resource reduction/reuse, recycling.	
	<i>Optional</i>	7.3 Use a renewable energy.	
	8. Indoor Environmental Quality		
		8.1 Minimum quality indoor performance of ASHRAE S. 62.1-2010; CEN standards EN 15251-2007 or EN 13779-2007.	
		8.2 Use only low-emitting materials: Adhesive, sealant, paint, coverings, carpets with low/zero VOCs.	<i>VOC = Volatile Organic Compounds</i>