

		I	II	III
NC State University Sustainability Project Requirements				
Integrated Design				
I1	Integrated design kickoff meeting notes, with sustainability goals, including items that can be reused or recycled, attached.	X	X	
I2	LEED scorecard (Tier I) with a LEED action plan for each credit, attached.	X		
I3	A commissioning agent was brought into schematic design and provided review and testing through the completion of the project.	X	X	
I4	For all projects, refer to Stormwater Design Manual.	X	X	X
I5	Ensure Tree Protection plan is developed and adhered to for exterior projects	X	X	X
Indoor Air Quality				
A1	Zero VOC paints in all public spaces, classrooms, and offices, excluding metal.	X	X	X
A2	Eliminate the use of adhesives for carpet.	X	X	X
A3	Use only low VOC adhesives and sealants.	X	X	X
A4	No use of aerosol adhesives.	X	X	X
A5	Follow 6 SMACNA guidelines for indoor air quality during construction AND utilize supplemental filtration in occupied buildings.	X	X	X
A6	Investigate the need for duct hygiene in projects with HVAC renovations	X	X	X
Materials				
M1	Equipment and materials are chosen for compatibility across campus	X	X	X
M2	Equipment and materials are repaired, when feasible, before replacement becomes cost effective.		X	X
M3	Prefer NC manufactured materials (concrete, lumber, steel, textiles, masonry).	X	X	X
Recycling and Reuse				
R1	Reuse materials when possible. Leftover scraps are placed in Shop Storage, Student Reuse Trailer, or Campus Satellite Staging Areas.			X
R2	Donate or allocate reusable materials. Input reuse information on Reuse Tracking Form. Order of diversion options: A.) Surplus B.) Habitat for Humanity C.) Waste Reduction and Recycling (WRR) (Tiers I-III)	X	X	X
R3	Recycle what cannot be reused, with a goal of 75%. Waste diversion is tracked by WRR. Input waste information on LEED Online (Tier 1) or Construction Waste Management tracking sheet (Tier II and III).	X	X	X
R4	Assure that building occupants have access to recycling.	X	X	X
Efficiency				
E1	Completed Lifecycle Cost templates per State Construction requirement with narrative explanation for any phase of value engineering. Inclusion of building operations staff in value engineering reviews.	X		
E2	Energy model was used as an iterative tool. An as-built energy model, with a summary of assumptions, is attached.	X	X	
E3	Meters and sub-meters are tied into the Enterprise Level Control System	X	X	X
E4	Project's M&V plan was developed and attached (LEED and SB 668 projects)	X		

E5	Target energy and water savings of 30% and 50% respectively. Energy savings are tracked on Request for Project Number form (Tier I and II). Energy savings are identified in AIM with Energy Management (Tier III).	X	X	X
E6	Campus Satellite Staging Areas reduce total driving time and energy use			X
Close out				
C1	Electronic as-built energy model, with summary of inputs and outputs, submitted	X		
C2	LEED documentation submitted on LEED Online	X		
C3	Sustainability lessons learned summary meeting	X	X	

Tier 1 and Tier 2* Attachments

	Integrated Design kickoff meeting notes*	Schematic Design
	Sustainability/ LEED Action Plan- list of credits with narrative plan	Schematic Design
	Measurement and Verification Plan	Design Documents
	Energy model (digital copy of raw file)	As-built
	Lessons Learned*	As-built

<p>KEY</p> <p>Tier I- Budget of \$2 million + AND construction over 20,000 GSF and renovations if the replacement value > than insurance value</p> <p>Tier II- Budget of \$250,000 to \$2million +</p> <p>Tier III- Budget of \$0-\$250,000</p>
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