THE UNIVERSITY OF CHICAGO

Facilities Services

11/1/2011

The University of Chicago LEED Feasibility Matrix*

LEED 3.0 for New Construction and Major Renovations		Facilities Recommendations for Projects				
Sustainable Sites		**Available credits**	**Always seek this credit**	**Investigate feasibility of this credit**	**Not currently deemed feasible**	**Feasibility Key *****
Prereq. 1	**Construction Activity Pollution Prevention**		Y			
Credit 1	**Site Selection**	1	Y			
Credit 2	**Development Density & Community Connectivity**	5	Y			
Credit 3	**Brownfield Redevelopment****	1		Y		
Credit 4.1	**Alternative Transportation**: Public Transportation Access	6	Y			
Credit 4.2	**Alternative Transportation:** Bicycle Storage & Changing Rooms	1		Y		
Credit 4.3	**Alternative Transportation—**Low-Emitting and Fuel-Efficient Vehicles***	3		Y		
Credit 4.4	**Alternative Transportation:** Parking Capacity	2	Y			
Credit 5.1	**Site Development:** Protect or Restore Habitat	1	Y			
Credit 5.2	**Site Development:** Maximize Open Space	1	Y			
Credit 6.1	**Stormwater Design:** Quantity Control	1	Y			
Credit 6.2	**Stormwater Design:** Quality Control	1		Y		
Credit 7.1	**Heat Island Effect:** Non-Roof	1	Y			
Credit 7.2	**Heat Island Effect:** Roof	1	Y			
Credit 8	**Light Pollution Reduction**	1	Y			
Water Efficiency		**Available credits**	**Always seek this credit**	**Investigate feasibility of this credit**	**Not currently deemed feasible**	**Feasibility Key *****
Prereq 1	**Water Use Reduction:** 20% Reduction		Y			
Credit 1	**Water Efficient Landscaping**	2 to 4				
	Reduce by 50%	2		Y		
	No Potable Use or No Irrigation	4		Y		
Credit 2	**Innovative Wastewater Technologies**	2			Y	
Credit 3	**Water Use Reduction**	2 to 4				
	30% Reduction	2	Y			
	35% Reduction	3		Y		
	40% Reduction	4		Y		

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Energy & Atmosphere		Available credits	Always seek this credit	Investigate feasibility of this credit	Not currently deemed feasible	Feasibility Key *****
Prereq. 1	**Fundamental Commissioning of Building Energy Systems****		Y			
Prereq. 2	**Minimum Energy Performance**		Y			
Prereq. 3	**Fundamental Refrigerant Management**		Y			
Credit 1	**Optimize Energy Performance**	**1 to 19**				
	12% New Buildings or 8% Existing Building Renovations	**1**	Y			
	14% New Buildings or 10% Existing Building Renovations	**2**	Y			
	16% New Buildings or 12% Existing Building Renovations	**3**	Y			
	18% New Buildings or 14% Existing Building Renovations	**4**	Y			
	20% New Buildings or 16% Existing Building Renovations	**5**	Y			
	22% New Buildings or 18% Existing Building Renovations	**6**	Y			
	24% New Buildings or 20% Existing Building Renovations	**7**	Y			
	26% New Buildings or 22% Existing Building Renovations	**8**	Y			
	28% New Buildings or 24% Existing Building Renovations	**9**	Y			
	30% New Buildings or 26% Existing Building Renovations	**10**		Y		
	32% New Buildings or 28% Existing Building Renovations	**11**		Y		
	34% New Buildings or 30% Existing Building Renovations	**12**		Y		
	36% New Buildings or 32% Existing Building Renovations	**13**		Y		
	38% New Buildings or 34% Existing Building Renovations	**14**		Y		
	40% New Buildings or 36% Existing Building Renovations	**15**		Y		
	42% New Buildings or 38% Existing Building Renovations	**16**		Y		
	44% New Buildings or 40% Existing Building Renovations	**17**		Y		
	46% New Buildings or 42% Existing Building Renovations	**18**		Y		
	48% New Buildings or 44% Existing Building Renovations	**19**		Y		
Credit 2	**On-Site Renewable Energy**	**1 to 7**				
	1% Renewable Energy	**1**		Y		
	3% Renewable Energy	**2**		Y		
	5% Renewable Energy	**3**		Y		
	7% Renewable Energy	**4**		Y		
	9% Renewable Energy	**5**			Y	
	11% Renewable Energy	**6**			Y	
	13% Renewable Energy	**7**			Y	
Credit 3	**Enhanced Commissioning**	**2**	Y			
Credit 4	**Enhanced Refrigerant Management**	**2**	Y			
Credit 5	**Measurement & Verification**	**3**	Y			
Credit 6	**Green Power**	**2**		Y		

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Materials & Resources		**Available credits**	**Always seek this credit**	**Investigate feasibility of this credit**	**Not currently deemed feasible**	**Feasibility Key *****
Prereq. 1	**Storage & Collection of Recyclables**		Y			
Credit 1.1	**Building Reuse - Existing Walls, Floors & Roof**	1 to 3				
	Reuse 55%	1		Y		
	Reuse 75%	2		Y		
	Reuse 95%	3		Y		
Credit 1.2	**Building Reuse—Maintain 50% of Interior Non-Structural Elements**	1		Y		
Credit 2	**Construction Waste Management**	1 to 2				
	50% Recycled or Salvaged	1	Y			
	75% Recycled or Salvaged	2	Y			
Credit 3	**Materials Reuse**	1 to 2				
	Reuse 5%	1		Y		
	Reuse 10%	2		Y		
Credit 4	**Recycled Content**	1 to 2				
	10% of Content	1	Y			
	20% of Content	2		Y		
Credit 5	**Regional Materials**	1 to 2				
	10% of Materials	1	Y			
	20% of Materials	2	Y			
Credit 6	**Rapidly Renewable Materials**	1		Y		
Credit 7	**Certified Wood**	1	Y			
Indoor Environmental Quality		**Available credits**	**Always seek this credit**	**Investigate feasibility of this credit**	**Not currently deemed feasible**	**Feasibility Key *****
Prereq. 1	**Minimum IAQ Performances**		Y			
Prereq. 2	**Environmental Tobacco Smoke (ETS) Control**		Y			
Credit 1	**Outdoor Air Delivery Monitoring**	1	Y			
Credit 2	**Increased Ventilation**	1		Y		
Credit 3.1	**Construction IAQ Management Plan - During Construction**	1	Y			
Credit 3.2	**Construction IAQ Management Plan - Before Occupancy**	1	Y			
Credit 4.1	**Low-Emitting Materials -** Adhesive & Sealants	1	Y			
Credit 4.2	**Low-Emitting Materials -** Paints & Coatings	1	Y			
Credit 4.3	**Low-Emitting Materials -** Carpet Systems	1	Y			
Credit 4.4	**Low-Emitting Materials -** Composite Wood & Agrifiber Products	1	Y			
Credit 5	**Indoor Chemical & Pollutant Source Control**	1	Y			
Credit 6.1	**Controllability of Systems - Lighting**	1	Y			
Credit 6.2	**Controllability of Systems - Thermal Comfort**	1		Y		
Credit 7.1	**Thermal Comfort - Design**	1		Y		
Credit 7.2	**Thermal Comfort - Verification**	1		Y		
Credit 8.1	**Daylight & Views - Daylight**	1		Y		
Credit 8.2	**Daylight & Views - Views**	1		Y		

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Innovation & Design Process		**Available credits**	**Always seek this credit**	**Investigate feasibility of this credit**	**Not currently deemed feasible**	**Feasibility Key *****
Credit 1.1	**Innovation in Design:** Reduction of Water Usage by 40%	1		Y		
Credit 1.2	**Innovation in Design:** Provide Specific Title	1		Y		
Credit 1.3	**Innovation in Design:** Provide Specific Title	1		Y		
Credit 1.4	**Innovation in Design:** Provide Specific Title	1		Y		
Credit 1.5	**Innovation in Design:** Provide Specific Title	1		Y		
Credit 2	**LEED® Accredited Professional**	1	Y			
Regional Priority Credits (Based on location zipcode 60637, maximum of 4)		**Available credits**	**Always seek this credit**	**Investigate feasibility of this credit**	**Not currently deemed feasible**	**Feasibility Key *****
Credit 1.1	**Regional Priority: SSc3 -** Brownfield Redevelopment	1		Y		
Credit 1.2	**Regional Priority: SSc4.1 -** Alternative Transportation: Public Transportation Access	1	Y			
Credit 1.3	**Regional Priority: SSc4.3 -** Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	1		Y		
Credit 1.4	**Regional Priority: SSc6.1 -** Stormwater Design: Quantity Control	1	Y			
Credit 1.5	**Regional Priority: SSc7.2 -** Heat Island Effect: Roof	1	Y			
Credit 1.6	**Regional Priority: IEQc2 -** Increased Ventilation	1		Y		
Total Credits = 100 possible			51	45	4	

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110

* Use this LEED checklist guide for all projects considering the LEED for New Construction and Major Renovations Rating System

** For projects where asbestos is found and remediated also earn this credit. Testing should be done in accordance with EPA Reg 40CFR part 763, when applicable.

*** For the purposes of this credit, low-emitting and fuel-efficient vehicles are defined as vehicles that are either classified as Zero Emission Vehicles (ZEV) by the California Air Resources Board or have achieved a minimum green score of 40 on the American Council for an Energy Efficient Economy (ACEEE) annual vehicle rating guide.

**** All projects must meet minimum Facilities commissioning requirement of HVAC Air Balance Testing.

***** **Feasibility Key-** The feasibility column is to be completed for those credits where one would either 'always seek a credit' or 'investigate the feasibility of a credit' and none are being considered. Use the following keys:

Not Applicable-	**N/A**
Budget Constraints-	**B**
Scope of project-	**S**
Schedule-	**SCH**
Completed-	**C**

Commentary on achieving project Sustainability Goals	
Phase:	