LEED PROJECT CHECKLIST - LEED V.2.2

Status at start of construction 10-1-2012 Project is registered with USGBC, ID #10495539

Project pursuing credit or not

YES	Maybe	NO			C Credi		Template filled	Actions required to capture credit	Status
Sustainable Sites						14			
R			Prereq 1	**Erosion & Sedimentation Control**	C	Req		Establish erosion and sediment control plan as required	SWPPP approved
1			Credit 1	**Site Selection**	D	1	√	Project site complies with requirements	Site complies
		1	Credit 2	**Development Density and Community Connectivity**	D	1		Subject to interpretation - housing and 10 basic services exist within 1/2 mile	The connectivity exists but credit cannot be documented - the density on project site does not meet the minimum required for compliance
		1	Credit 3	**Brownfield Redevelopment**	D	1		NA	
		1	Credit 4.1	**Alternative Transportation,** Public Transportation Access	D	1		2 bus lines within 1/4 mile required - County bus service has one line through campus	Location will not qualify per SUCF
1			Credit 4.2	**Alternative Transportation,** Bicycle Storage & Changing Rooms	D	1	√	Requires rack sized to meet 5% of occupant use and shower for .5% of staff	Shower included in design. Bicycle racks included in site design.
		1	Credit 4.3	**Alternative Transportation,** Low Emission/ Fuel Efficient Vehicles	D	1		Provide low emitting vehicles for 3% staff or parking designated parking for 5% staff	Not pursuede; no commitment from College
1			Credit 4.4	**Alternative Transportation,** Parking Capacity	D	1	√	Provide no new parking	Project qualifies - no new parking in scope.
		1	Credit 5.1	**Reduced Site Disturbance,** Protect or Restore Habitat	C	1		Restore or protect 50% of site with native vegetation	Not pursued - doesn't suit campus design
1			Credit 5.2	**Reduced Site Disturbance,** Maximize Open Space	D	1	√	Provide vegetated adjacent open space equal to footprint	Provided
1			Credit 6.1	**Stormwater Management,** Quantity Control	D	1	√	Implement storm water mgmt plan resulting in 25% decrease for 2 yr/ 24hr event	Rain harvesting system in design
1			Credit 6.2	**Stormwater Management,** Quality Control	D	1	√	Capture and treat storm water runoff	Designed in SWPPP
1			Credit 7.1	**Heat Island Effect,** Non-Roof	C	1		Reduce heat island effect for 50 % of site hardscape	Project complies with replacement of asphalt sidewalks with concrete
1			Credit 7.2	**Heat Island Effect,** Roof	D	1	√	Provide sloped roof with SRI 29 / flat roof SRI 78 or greater	Provided - both existing and new roofing complies.
1			Credit 8	**Light Pollution Reduction**	D	1	√	Minimize night lighting trespass from building and site	Incorporated in design
9	0	5							
Water Efficiency						5			
1			Credit 1.1	**Water Efficient Landscaping,** Reduce by 50%	D	1	√	Reduce water consumption for irrigation by 50% - no irrigation provided	No irrigation - therefore complies
1			Credit 1.2	**Water Efficient Landscaping,** No Potable Use or No Irrigation	D	1	√	Eliminate use of water for irrigation - provide no irrigation	No irrigation - therefore complies
1			Credit 2	**Innovative Wastewater Technologies**	D	1	√	Use of gray or storm water	Rain water used for sewage conveyance.
1			Credit 3.1	**Water Use Reduction,** 20% Reduction	D	1	√	Use 20% less water than baseline	Appropriate fixtures specified
1			Credit 3.2	**Water Use Reduction,** 30% Reduction	D	1	√	Use 30% less water than baseline	Project has enough water savings for this credit.
5	0	0							

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Energy & Atmosphere						17			
R			Prereq 1	**Fundamental Building Systems Commissioning**	C	Req		Basic Commissioning of building	In cooperation with Cx contracted by SUCF under separate agreement
R			Prereq 2	**Minimum Energy Performance**	D	Req	√	Comply with ASHRE 90.1-2004	Project complies
R			Prereq 3	**Fundamental Refrigerant Management**	D	Req	Need to do	Zero use of CFC based refrigerants	Project complies
1			Credit 1.1	**Optimize Energy Performance,** 10.5% (NC) 3.5% (EB)	D	1	√	Increasing level of performance above baseline - run energy model	Refer to submitted template
1			Credit 1.2	**Optimize Energy Performance,** 14% (NC) 7% (EB)	D	1	√	Increasing level of performance above baseline - run energy model	
1			Credit 1.3	**Optimize Energy Performance,** 17.5% (NC) 10.5% (EB)	D	1	√	Increasing level of performance above baseline - run energy model	
1			Credit 1.4	**Optimize Energy Performance,** 21% (NC) 14% (EB)	D	1	√	Increasing level of performance above baseline - run energy model	Cost saving achieved: 15.1%; Existing building
		1	Credit 1.5	**Optimize Energy Performance,** 24.5% (NC) 17.5% (EB)	D	1			
		1	Credit 1.6	**Optimize Energy Performance,** 28% (NC) 21% (EB)	D	1			
		1	Credit 1.7	**Optimize Energy Performance,** 31.5% (NC) 24.5% (EB)	D	1			
		1	Credit 1.8	**Optimize Energy Performance,** 35% (NC) 28% (EB)	D	1			
		1	Credit 1.9	**Optimize Energy Performance,** 38.5% (NC) 31.5% (EB)	D	1			
		1	Credit 1.10	**Optimize Energy Performance,** 42% (NC) 35% (EB)	D	1			
		1	Credit 2.1	**On-Site Renewable Energy,** 2.5% Renewable Energy	D	1		Installation of on site renewable energy system to offset building use	Not pursued
		1	Credit 2.2	**On-Site Renewable Energy,** 7.5% Renewable Energy	D	1		Installation of on site renewable energy system to offset building use	
		1	Credit 2.3	**On-Site Renewable Energy,** 12.5% Renewable Energy	D	1		Installation of on site renewable energy system to offset building use	
1			Credit 3	**Enhanced Commissioning**	C	1		Begin commissioning process early and continue after occupancy	In cooperation with Cx contracted by SUCF under separate agreement
1			Credit 4	**Enhanced Refrigerant Management**	C	1		Use equipment w/ refrigerant that minimize emissions to ozone depletion	Specified HVAC equipment complies.
		1	Credit 5	**Measurement & Verification**	C	1		Provide panels and metering to verify power use from specifc sources	No pursued
		1	Credit 6	**Green Power**	C	1		Provide at least 35% building electricty use from off site renewable sources	Not feasible based on purchasing contracts
6	0	11							
Materials & Resources						13			
R			Prereq 1	**Storage & Collection of Recyclables**	D	Req	√	Provide receptacles to comply with state recycling requirements	Included in design
1			Credit 1.1	**Building Reuse,** Maintain 75% of Existing Walls, Floor, & Roof	C	1		Reuse of exisitng building shell and structure	preliminary cals indicate 78% of areas will be maintained
		1	Credit 1.2	**Building Reuse,** Maintain 95% of Existing Walls, Floor, & Roof	C	1		Reuse of exisitng building shell and structure	Likely not attainable; CPL might verify.
		1	Credit 1.3	**Building Reuse,** Maintain 50% Interior Non-Structural Elements	C	1		Reuse of exisitng building intereiors	Not attainable.
	1		Credit 2.1	**Construction Waste Management,** Divert 50% from Disposal	C	1		Recycle or divert 50% of construction materials	Procedures specified; achieving credit pending amount of materials available for recycling; materials abated will not qualify
		1	Credit 2.2	**Construction Waste Management,** Divert 75% from Disposal	C	1		Recycle or divert 75% of construction materials	Likely not attainable.
		1	Credit 3.1	**Resource Reuse,** Specify 5%	C	1		Use salvage or resued materials	Not included in design.
		1	Credit 3.2	**Resource Reuse,** Specify 10%	C	1		Use salvage or resued materials	Not included in design.
1			Credit 4.1	**Recycled Content,** 10% (post-consumer + 1/2 pre-consumer)	C	1		Use materials with recycled content - by cost/ no MEP	Included in specifications - pursue during construction.
	1		Credit 4.2	**Recycled Content,** 20% (post-consumer + 1/2 pre-consumer)	C	1		Use materials with recycled content - by cost/ no MEP	Pursue during construction - to be verified at completion.
	1		Credit 5.1	**Regional Materials,** 10% Extracted, Processed, & Manufactured	C	1		Use materials or products maufactured within 500 miles - by cost/ no MEP	Pursue during construction - to be verified at completion.
	1		Credit 5.2	**Regional Materials,** 20% Extracted, Processed, & Manufactured	C	1		Use materials or products maufactured within 500 miles - by cost/ no MEP	Pursue during construction - to be verified at completion.
		1	Credit 6	**Rapidly Renewable Materials**	C	1		Use rapidly renewable building materials and products - by cost/ no MEP	Not pursued
		1	Credit 7	**Certified Wood**	C	1		Use 50% wood materials that are certified by FSC	Not pursued
2	4	7							

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			Indoor Environmental Quality		15			
R			Prereq 1 **Minimum IAQ Performance**	D	Req	√	Comply with ASHRA 62.1- 2004	Project complies
R			Prereq 2 **Environmental Tobacco Smoke** (ETS) **Control**	D	Req	√	Comply with NYS requirements	Campus complies and project complies
1			Credit 1 **Outdoor Air Delivery Monitoring**	D	1	√	Monitor CO2 and measure outdoor air flow for densely occupied spaces	Outdoor air flow measure included in HVAC design
		1	Credit 2 **Increased Ventilation**	D	1		30% above ASHRAE	Not feasible; conflicts with controlability design
1			Credit 3.1 **Construction IAQ Management Plan,** During Construction	C	1		Implement an Indoor air quality mangement plan for construction activities	Specified for the project - follow procedures
1			Credit 3.2 **Construction IAQ Management Plan**, Before Occupancy	C	1		Implement an Indoor air quality mangement plan prior to occupancy	Specified for the project - follow procedures
1			Credit 4.1 **Low-Emitting Materials,** Adhesives & Sealants	C	1		Adhere to low VOC requirements	Specified for the project - follow requirements
1			Credit 4.2 **Low-Emitting Materials**, Paints & Coatings	C	1		Adhere to low VOC requirements	Specified for the project - follow requirements
1			Credit 4.3 **Low-Emitting Materials**, Carpet Systems	C	1		Adhere to low VOC requirements	Specified for the project - follow requirements
1			Credit 4.4 **Low-Emitting Materials**, Composite Wood & Agrifiber Products	C	1		No urea formaldehyde resins in interior particle / fiber board, plywood,doors	Specified for the project - follow requirements
1			Credit 5 **Indoor Chemical & Pollutant Source Control**	D	1	√	Entryway with grate/ confine & exhaust copier and housekeeping rooms	Included in design
1			Credit 6.1 **Controllability of Systems,** Lighting	D	1	√	Individual ability to control lighting for 90% of occupants and shared spaces	Included in design
1			Credit 6.2 **Controllability of Systems**, Thermal Comfort	D	1	√	Individual ability to control comfort for 50% of occupants and shared spaces	Included in design
1			Credit 7.1 **Thermal Comfort,** Design	D	1	√	Comply with ASHRE 55-2004	Project complies
		1	Credit 7.2 **Thermal Comfort**, Verification	D	1		Survey occupants 6 to 18 months after occupancy	Not pursued
		1	Credit 8.1 **Daylight & Views,** Daylight 75% of Spaces	D	1		Provide required footcandle level to 75% of occupied spaces	Not feasible due to existing building configuration
		1	Credit 8.2 **Daylight & Views**, Views for 90% of Spaces	D	1		Provide views from 90% of occupied spaces	Not feasible due to existing building configuration
11	0	4						
			Innovation & Design Process		5			
		1	Credit 1.1 **Innovation in Design:** Specific Title	C	1		Interactive education display on sustainable strategies of the building	Not currently pursued
	1		Credit 1.2 **Innovation in Design**: Specific Title	C	1		Composting, oil separation, other solid waste reduction initiatives	Non-potable water use for 100% of sewage conveyance a possibility
			Credit 1.3 **Innovation in Design:** Specific Title	C	1			
			Credit 1.4 **Innovation in Design:** Specific Title	C	1			
1			Credit 2 **LeedTM Accredited Professional**	C	1	√		
1	1	1						
34	5	28	**Project Totals**		69			
			Certified 26-32 **Silver** 33-38 **Gold** 39-51 **Platinum** 52+					
			TOTAL POINTS:		34			