LEED Project Checklist

Fort Collins Transit Center

4.11.06

Yes	?	No					
6	0	8	**Sustainable Sites**			**14** Points	**Comments**
Y			Todd	Prereq 1	**Erosion & Sedimentation Control**	Required	
		1		Credit 1	**Site Selection**	1	
		1		Credit 2	**Urban Redevelopment**	1	
		1		Credit 3	**Brownfield Redevelopment**	1	
1			Jay	Credit 4.1	**Alternative Transportation**, Public Transportation Access	1	Located at Transit Center with multiple bus lines.
1			Jay	Credit 4.2	**Alternative Transportation**, Bicycle Storage & Changing Rooms	1	Ample bicycle storage, shower and changing room for employees
		1		Credit 4.3	**Alternative Transportation**, Alternative Fuel Refueling Stations	1	
1			Cass	Credit 4.4	**Alternative Transportation**, Parking Capacity	1	2 carpool spaces provided.
		1		Credit 5.1	**Reduced Site Disturbance**, Protect or Restore Open Space	1	
		1		Credit 5.2	**Reduced Site Disturbance**, Development Footprint	1	
		1		Credit 6.1	**Stormwater Management**, Rate or Quantity	1	
		1		Credit 6.2	**Stormwater Management**, Treatment	1	
1			Mike	Credit 7.1	**Landscape & Exterior Design to Reduce Heat Islands**, Non-Roof	1	light colored concrete walks
1			Jay	Credit 7.2	**Landscape & Exterior Design to Reduce Heat Islands**, Roof	1	75% of roof high-albedo.
1			Layne	Credit 8	**Light Pollution Reduction**	1	No light crosses property boundary.
Yes	?	No					
5	0	0	**Water Efficiency**			**5** Points	
1			Jay	Credit 1.1	**Water Efficient Landscaping**, Reduce by 50%	1	Low-water landscaping and efficient irrigation
1			Jay	Credit 1.2	**Water Efficient Landscaping**, No Potable Use or No Irrigation	1	
1			Matt	Credit 2	**Innovative Wastewater Technologies**	1	Savings came to 57%
1			Matt	Credit 3.1	**Water Use Reduction**, 20% Reduction	1	Low-flow fixtures and sensors -
1			Matt	Credit 3.2	**Water Use Reduction**, 30% Reduction	1	savings estimated at 41%.

Yes	?	No					
7	0	10		**Energy & Atmosphere**		**17** Points	
Y			Erik	Prereq 1	**Fundamental Building Systems Commissioning**	Required	
Y			Forrest	Prereq 2	**Minimum Energy Performance**	Required	
Y			Matt	Prereq 3	**CFC Reduction in HVAC&R Equipment**	Required	
4		6	Forrest	Credit 1.1	**Optimize Energy Performance**, 20-60% New / 10-50% Existing	1 to 10	Revised energy model deomonstrates 31.4% energy savings over ASHRAE 90.1 - 1998
		3		Credit 2.1	**Renewable Energy**, 5%, 10%, 20%	1 to 3	
1			Erik	Credit 3	**Additional Commissioning**	1	AEC involvement from SD phase, through construction & occupancy
1			Matt or Cass	Credit 4	**Ozone Depletion**	1	HVAC equipment does not contain HCFCs or Halons.
		1		Credit 5	**Measurement & Verification**	1	
1			Cass	Credit 6	**Green Power**	1	Signed a 2-year renewable energy contract for wind power.
Yes	?	No					
7	0	6		**Materials & Resources**		**13** Points	
Y			Jay	Prereq 1	**Storage & Collection of Recyclables**	Required	
		3		Credit 1.1	**Building Reuse**	1 to 3	
1			Jay	Credit 2.1	**Construction Waste Management**, Divert 50%	1	As of Feb. 14th, 96% waste diversion had been achieved. Recycling wood, concrete, metal, paper, cardboard, etc.
1			Jay	Credit 2.2	**Construction Waste Management**, Divert 75%	1	
		2		Credit 3.1	**Resource Reuse**, Specify 5%, 10%	1 to 2	
1			Jay	Credit 4.1	**Recycled Content**, Specify 5%	1	Attemping 2 points - >10% of materials (by $) have recycled content.
1			Jay	Credit 4.2	**Recycled Content**, Specify 10%	1	
1			Jay	Credit 5.1	**Local/Regional Materials**, 20% Manufactured Locally	1	Attempting 2 points - >20% of building materials manufactured locally and 50% of those materials be locally harvested
1			Jay	Credit 5.2	**Local/Regional Materials**, of 20% Above, 50% Harvested Locally	1	
		1		Credit 6	**Rapidly Renewable Materials**	1	
1			Jay	Credit 7	**Certified Wood**	1	Attempting to use Forest Stewardship Council (FSC) wood throughout project.

Yes	?	No					
13	0	2		**Indoor Environmental Quality**		**15** Points	
Y			Matt	Prereq 1	**Minimum IAQ Performance**	Required	
Y			CSU/City	Prereq 2	**Environmental Tobacco Smoke** (ETS) **Control**	Required	
1			Matt	Credit 1	**Carbon Dioxide** (CO_2) **Monitoring**	1	CO2 monitoring system to be permanently installed.
1			Matt	Credit 2	**Increase Ventilation Effectiveness**	1	
1			Matt	Credit 3.1	**Construction IAQ Management Plan**, During Construction	1	Materials are protected from moisture damage; Following SMACNA Indoor Air Quality guidelines
1			Matt	Credit 3.2	**Construction IAQ Management Plan**, Before Occupancy	1	Two week building flush-out with 100% outside air will occur before occupancy.
1			Jay	Credit 4.1	**Low-Emitting Materials**, Adhesives & Sealants	1	Adhesives and sealants will contain low-VOC content
1			Jay	Credit 4.2	**Low-Emitting Materials**, Paints	1	Low-VOC Paints and coatings per Green Seal.
1			Jay	Credit 4.3	**Low-Emitting Materials**, Carpet	1	Low-VOC carpet per Carpet and Rug Institute's Green Label
		1	Jay	Credit 4.4	**Low-Emitting Materials**, Composite Wood	1	Composite wood will not contain urea-formaldehyde resins.
1			Jay	Credit 5	**Indoor Chemical & Pollutant Source Control**	1	Entryway grills will be installed to capture dirt, particulates, etc.
		1		Credit 6.1	**Controllability of Systems**, Perimeter	1	
1			Matt	Credit 6.2	**Controllability of Systems**, Non-Perimeter	1	Zoning allows for enough controls to meet credit.
1			Matt	Credit 7.1	**Thermal Comfort**, Comply with ASHRAE 55-1992	1	Building systems are designed for compliance. MEP to verify.
1			Matt	Credit 7.2	**Thermal Comfort**, Permanent Monitoring System	1	CIR and version 2.2, live in area where humidity levels do not require monitoring
1			Zach	Credit 8.1	**Daylight & Views**, Daylight 75% of Spaces	1	75.2% of applicable areas are adequately daylit.
1			Zach	Credit 8.2	**Daylight & Views**, Views for 90% of Spaces	1	90.9% of occupied areas have adequate views.

Yes	?	No					
3	**2**	**0**		**Innovation & Design Process**		**5** Points	
1			IBE	Credit 1.1	**Innovation in Design**: Deconstruction/Education	1	Student involvement in process, tours, construction signage, permanent signage on west wall in lobby.
1			CCA/City	Credit 1.2	**Innovation in Design**: Reduce non-regulated loads (plug load)	1	Energy-efficient equipment will be purchased (i.e. computers, refrigerators, printers, etc.)
	1		Any	Credit 1.3	**Innovation in Design**: exemplary performance on any credit	1	
	1		Any	Credit 1.4	**Innovation in Design**: exemplary performance on any credit	1	
1			IBE	Credit 2	**LEED™ Accredited Professional**	1	LEED AP involved in project.
Yes	?	No					
41	**2**	**26**		**Project Totals**		**69** Points	
				Certified 26-32 points **Silver** 33-38 points **Gold** 39-51 points **Platinum** 52-69 points			