



LEED-NC Version 2.2 Registered Project Checklist

BAYMCA Teen Center
 Berkeley, CA

Yes ? No

7	6	1	Sustainable Sites	14 Points	D / C	Notes	Responsible Party
----------	----------	----------	--------------------------	------------------	--------------	--------------	--------------------------

Y							
	Prereq 1		Construction Activity Pollution Prevention	Required	C		Contractor
1	Credit 1		Site Selection	1	D		Sage Green
1	Credit 2		Development Density & Community Connectivity	1	D		Sage Green
	Credit 3	1	Brownfield Redevelopment	1	D	Will have to remediate asbestos and lead-based paint. Need a copy of Phase II. As long as the asbestos is documented in a ASTM E1903-97 Phase II Environmental Site Assessment and was disposed of appropriately, we can earn this point.	Owner / Sage Green
1	Credit 4.1		Alternative Transportation , Public Transportation Access	1	D	BART and 2 bus lines close by	Sage Green
	Credit 4.2	1	Alternative Transportation , Bicycle Storage & Changing Rooms	1	D	need shower and changing facilities. City said bike racks on west end of bldg wont fit. Will explore bike racks used at StopWaste.org	Architect
1	Credit 4.3		Alternative Transportation , Low-Emitting and Fuel-Effic. Vehicles	1	D	We will provide one FEV spot. Task force will talk about city car share.	Architect
1	Credit 4.4		Alternative Transportation , Parking Capacity	1	D	There are 10 parking spots, significantly below code.	Owner / Sage Green
	Credit 5.1	1	Site Development , Protect or Restore Habitat	1	C		N/A
	Credit 5.2	1	Site Development , Maximize Open Space	1	D	find city open space requirements	Architect
	Credit 6.1	1	Stormwater Design , Quantity Control	1	D	Ideas include: permeable paving (parking lot) - pavers - epic drainage system - grass interlocking paving - cistern to collect roof water - education	Civil Engineer
	Credit 6.2	1	Stormwater Design , Quality Control	1	D	Ideas include: mechanical separation at drains, system tied into permable paving in parking lot. Possible sand-based filtration system in parking lot. Need to clarify site square footage and municipal requirements	Civil Engineer
	Credit 7.1	1	Heat Island Effect , Non-Roof	1	C	Can achieve this via use of slag in parking paving. This credit also ties into Stormwater Management credits	Architect
1	Credit 7.2		Heat Island Effect , Roof	1	D	Will use non-white cool roofing material. PV array does not count in calcs.	Architect
1	Credit 8		Light Pollution Reduction	1	D	Per Timmons, we can meet this credit. Consider temporary lighting for nighttime outdoor activities. Remember to onsider outdoor signage lighting	Electrical Engineer

Yes ? No

3 1 1 Water Efficiency			5 Points	Notes	Responsible Party			
1			Credit 1.1	Water Efficient Landscaping , Reduce by 50%	1	D	Dilemma between growing food (needs more water) and ability to meet this credit via native plantings and low-to-no irrigation.	Landscape Arch.
	1		Credit 1.2	Water Efficient Landscaping , No Potable Use or No Irrigation	1	D	This point ties into decisions on rainwater recycling.	Landscape Arch.
		1	Credit 2	Innovative Wastewater Technologies	1	D	Would require composting toilet or blackwater recycling	Plumbing Engineer
1			Credit 3.1	Water Use Reduction , 20% Reduction	1	D		Plumbing Engineer
1			Credit 3.2	Water Use Reduction , 30% Reduction	1	D		Plumbing Engineer

Yes ? No

9 7 1 Energy & Atmosphere			17 Points	Notes	Responsible Party			
Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	Required	C	Need to get this person on board ASAP - possibly Timmons Engineering but need a 3rd party for Enhanced commissioning	Commiss. Agent
Y			Prereq 2	Minimum Energy Performance	Required	D		Mechanical Engineer
Y			Prereq 3	Fundamental Refrigerant Management	Required	D	Zero CFC refrigerant	Mechanical Engineer
5	5		Credit 1	Optimize Energy Performance	1 to 10	D	Building envelope design = key. South side solar shading is a must. Consider using light shelves inside building. Make use of thermal mass. Pursue low-e double-paned glazing. Use R-19 insulation in walls - consider blown-in cellulose, rigid and traditional batt. HVAC: team agreed to in-floor radiant heating and cooling on 1st floor, radiant heating wall panels on 2nd floor and supplemental cooling for 2nd floor conf room and server room only. Consider solar thermal with radiant system to avoid unregulated natural gas prices - explore how to ventilate the conference room.	Mech & Elec Engineer
3			Credit 2	On-Site Renewable Energy	1 to 3	D	17kw/yr per sf - 45-50% of total bldg energy	Electrical Engineer
1			Credit 3	Enhanced Commissioning	1	D & C		Commiss. Agent
	1		Credit 4	Enhanced Refrigerant Management	1	D	watch additional rooms that need to be cooled (conference room)	Mechanical Engineer
		1	Credit 5	Measurement & Verification	1	D		Electrical Engineer
	1		Credit 6	Green Power	1	D	Buy green tags to support green energy providers. We will pursue if we come up short on points.	Sage Green / Owner

Yes ? No

3 6 4			Materials & Resources	13 Points	Notes	Responsible Party		
Y			Prereq 1	Storage & Collection of Recyclables	Required	D	Will include composting program	Architect
	1		Credit 1.1	Building Reuse , Maintain 75% of Existing Walls, Floors & Roof	1	C		Architect
		1	Credit 1.2	Building Reuse , Maintain 100% of Existing Walls, Floors & Roof	1	C		Architect
		1	Credit 1.3	Building Reuse , Maintain 50% of Interior Non-Structural Elements	1	C		Architect
1			Credit 2.1	Construction Waste Management , Divert 50% from Disposal	1	C	sample spec from Wes @stop waste	Contractor
1			Credit 2.2	Construction Waste Management , Divert 75% from Disposal	1	C		Contractor
	1		Credit 3.1	Materials Reuse , 5%	1	C		Architect / Contractor
		1	Credit 3.2	Materials Reuse , 10%	1	C		Architect / Contractor
1			Credit 4.1	Recycled Content , 10% (post-consumer + ½ pre-consumer)	1	C		Architect / Contractor
	1		Credit 4.2	Recycled Content , 20% (post-consumer + ½ pre-consumer)	1	C		Architect / Contractor
	1		Credit 5.1	Regional Materials , 10% Extracted, Processed & Manufactured	1	C		Architect / Contractor
		1	Credit 5.2	Regional Materials , 20% Extracted, Processed & Manufactured	1	C		Architect / Contractor
	1		Credit 6	Rapidly Renewable Materials	1	C		Architect / Contractor
	1		Credit 7	Certified Wood	1	C	Research what objects in the bldg will include. Use a small amount, then spec 50% as FSC and use as a teaching tool for teens.	Architect / Contractor

Yes ? No

11 4			Indoor Environmental Quality	15 Points	Notes	Responsible Party		
Y			Prereq 1	Minimum IAQ Performance	Required	D		Mechanical Engineer
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required	D		Sage Green / Owner
1			Credit 1	Outdoor Air Delivery Monitoring	1	D		Mechanical Engineer
	1		Credit 2	Increased Ventilation	1	D		Mechanical Engineer
1			Credit 3.1	Construction IAQ Management Plan , During Construction	1	C		Contractor
	1		Credit 3.2	Construction IAQ Management Plan , Before Occupancy	1	C		Contractor
1			Credit 4.1	Low-Emitting Materials , Adhesives & Sealants	1	C		Architect / Contractor

1			Credit 4.2	Low-Emitting Materials , Paints & Coatings	1	C		Architect / Contractor
1			Credit 4.3	Low-Emitting Materials , Carpet Systems	1	C		Architect / Contractor
1			Credit 4.4	Low-Emitting Materials , Composite Wood & Agrifiber Products	1	C		Architect / Contractor
1			Credit 5	Indoor Chemical & Pollutant Source Control	1	D	Will need to separately ventilate janitor's closet and other rooms with chemical storage.	Mech / Plumb / Arch
1			Credit 6.1	Controllability of Systems , Lighting	1	D	task lighting - individual controls	Electrical Engineer
1			Credit 6.2	Controllability of Systems , Thermal Comfort	1	D		Mechanical Engineer
1			Credit 7.1	Thermal Comfort , Design	1	D		Mechanical Engineer
1			Credit 7.2	Thermal Comfort , Verification	1	D		Sage Green / Owner
	1		Credit 8.1	Daylight & Views , Daylight 75% of Spaces	1	D		Architect
	1		Credit 8.2	Daylight & Views , Views for 90% of Spaces	1	D		Architect

Yes ? No

4	1		Innovation & Design Process			5 Points	Notes	Responsible Party
----------	----------	--	--	--	--	-----------------	--------------	--------------------------

1			Credit 1.1	Innovation in Design : Green Building Education	1	D		Sage Green / Owner
1			Credit 1.2	Innovation in Design : Green Janitorial	1	D		Sage Green / Owner
1			Credit 1.3	Innovation in Design : 40% Water Reduction	1	D		Sage Green / Owner
	1		Credit 1.4	Innovation in Design : Green Power - 100% for 2 years	1	D		Sage Green / Owner
1			Credit 2	LEED® Accredited Professional	1	D		Sage Green

Yes ? No

37	25		Project Totals (pre-certification estimates)			69 Points		
-----------	-----------	--	---	--	--	------------------	--	--

Certified 26-32 points **Silver** 33-38 points **Gold** 39-51 points **Platinum** 52-69 points

